



# FCC RADIO TEST REPORT

**FCC ID** : 2ASD3-7878  
**Equipment** : Digital Media Receiver  
**Model Name** : C77A68  
**Applicant** : H.C. China X LLC  
3450 N. Triumph Blvd., Suite 102  
Lehi, Utah 84043  
**Standard** : FCC Part 15 Subpart E §15.407

The product was received on Apr. 15, 2019 and testing was started from Jul. 06, 2019 and completed on Aug. 08, 2019. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

*Louis Wu*

Approved by: Louis Wu

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**  
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



## Table of Contents

|                                                              |           |
|--------------------------------------------------------------|-----------|
| <b>History of this test report.....</b>                      | <b>3</b>  |
| <b>Summary of Test Result.....</b>                           | <b>4</b>  |
| <b>1 General Description .....</b>                           | <b>5</b>  |
| 1.1 Product Feature of Equipment Under Test.....             | 5         |
| 1.2 Modification of EUT .....                                | 5         |
| 1.3 Testing Location .....                                   | 6         |
| 1.4 Applicable Standards.....                                | 7         |
| <b>2 Test Configuration of Equipment Under Test .....</b>    | <b>8</b>  |
| 2.1 Carrier Frequency and Channel .....                      | 8         |
| 2.2 Test Mode.....                                           | 10        |
| 2.3 Connection Diagram of Test System.....                   | 12        |
| 2.4 Support Unit used in test configuration and system ..... | 13        |
| 2.5 EUT Operation Test Setup .....                           | 13        |
| 2.6 Measurement Results Explanation Example.....             | 13        |
| <b>3 Test Result .....</b>                                   | <b>14</b> |
| 3.1 26dB & 99% Occupied Bandwidth Measurement .....          | 14        |
| 3.2 Maximum Conducted Output Power Measurement .....         | 16        |
| 3.3 Power Spectral Density Measurement .....                 | 18        |
| 3.4 Unwanted Emissions Measurement.....                      | 21        |
| 3.5 AC Conducted Emission Measurement.....                   | 26        |
| 3.6 Automatically Discontinue Transmission .....             | 28        |
| 3.7 Antenna Requirements.....                                | 30        |
| <b>4 List of Measuring Equipment.....</b>                    | <b>31</b> |
| <b>5 Uncertainty of Evaluation .....</b>                     | <b>33</b> |
| <b>Appendix A. Conducted Test Results</b>                    |           |
| <b>Appendix B. AC Conducted Emission Test Result</b>         |           |
| <b>Appendix C. Radiated Spurious Emission</b>                |           |
| <b>Appendix D. Radiated Spurious Emission Plots</b>          |           |
| <b>Appendix D. Duty Cycle Plots</b>                          |           |



## History of this test report

| Report No.   | Version | Description             | Issued Date   |
|--------------|---------|-------------------------|---------------|
| FR941514-01E | 01      | Initial issue of report | Aug. 27, 2019 |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |

## Summary of Test Result

| Report Clause | Ref Std. Clause     | Test Items                             | Result (PASS/FAIL) |
|---------------|---------------------|----------------------------------------|--------------------|
| 3.1           | 15.403(i)           | 26dB Bandwidth                         | Pass               |
| 3.1           | 2.1049              | 99% Occupied Bandwidth                 | Reporting only     |
| 3.2           | 15.407(a)           | Maximum Conducted Output Power         | Pass               |
| 3.3           | 15.407(a)           | Power Spectral Density                 | Pass               |
| 3.4           | 15.407(b)           | Unwanted Emissions                     | Pass               |
| 3.5           | 15.207              | AC Conducted Emission                  | Pass               |
| 3.6           | 15.407(c)           | Automatically Discontinue Transmission | Pass               |
| 3.7           | 15.203<br>15.407(a) | Antenna Requirement                    | Pass               |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Wii Chang**

**Report Producer: Ann Lee**

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------|
| Equipment                       | Digital Media Receiver                                                                          |
| Model Name                      | C77A68                                                                                          |
| FCC ID                          | 2ASD3-7878                                                                                      |
| EUT supports Radios application | WLAN 11b/g/n HT20<br>WLAN 11a/n HT20/HT40<br>WLAN 11ac VHT20/VHT40/VHT80<br>Bluetooth BR/EDR/LE |

## 1.2 Product Specification of Equipment Under Test

| Standards-related Product Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tx/Rx Channel Frequency Range           | 5180 MHz ~ 5240 MHz<br>5260 MHz ~ 5320 MHz<br>5500 MHz ~ 5720 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Maximum Output Power to Antenna         | <b>&lt;5180 MHz ~ 5240 MHz&gt;</b><br>802.11a : 18.80 dBm / 0.0759 W<br>802.11n HT20 : 18.60 dBm / 0.0724 W<br>802.11n HT40 : 18.70 dBm / 0.0741 W<br>802.11ac VHT20: 18.50 dBm / 0.0708 W<br>802.11ac VHT40: 18.60 dBm / 0.0724 W<br>802.11ac VHT80: 12.00 dBm / 0.0158 W<br><b>&lt;5260 MHz ~ 5320 MHz&gt;</b><br>802.11a : 19.00 dBm / 0.0794 W<br>802.11n HT20 : 18.80 dBm / 0.0759 W<br>802.11n HT40 : 18.80 dBm / 0.0759 W<br>802.11ac VHT20: 18.70 dBm / 0.0741 W<br>802.11ac VHT40: 18.70 dBm / 0.0741 W<br>802.11ac VHT80: 15.30 dBm / 0.0339 W<br><b>&lt;5500 MHz ~ 5720 MHz &gt;</b><br>802.11a : 18.70 dBm / 0.0741 W<br>802.11n HT20 : 18.70 dBm / 0.0741 W<br>802.11n HT40 : 20.00 dBm / 0.1000 W<br>802.11ac VHT20: 18.50 dBm / 0.0708 W<br>802.11ac VHT40: 19.90 dBm / 0.0977 W<br>802.11ac VHT80: 19.80 dBm / 0.0955 W |
| 99% Occupied Bandwidth                  | 802.11a : 16.98 MHz<br>802.11n HT20 : 17.98 MHz<br>802.11n HT40 : 37.46 MHz<br>802.11ac VHT80 : 76.96 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Standards-related Product Specification |                                                                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antenna Type / Gain</b>              | <b>&lt;5180 MHz ~ 5240 MHz&gt;</b><br>PCB Loop Antenna with gain 4.7 dBi<br><b>&lt;5260 MHz ~ 5320 MHz&gt;</b><br>PCB Loop Antenna with gain 5.0 dBi<br><b>&lt;5500 MHz ~ 5720 MHz &gt;</b><br>PCB Loop Antenna with gain 5.8 dBi |
| <b>Type of Modulation</b>               | 802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)<br>802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)                                                                                                                          |

### 1.3 Modification of EUT

No modifications are made to the EUT during all test items.

### 1.4 Testing Location

|                           |                                                                                                                       |         |          |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|---------|----------|
| <b>Test Site</b>          | SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory                                                   |         |          |
| <b>Test Site Location</b> | No.52, Huaya 1st Rd., Guishan Dist.,<br>Taoyuan City, Taiwan (R.O.C.)<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 |         |          |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b>                                                                                               |         |          |
|                           | TH05-HY                                                                                                               | CO05-HY | DFS02-HY |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

|                           |                                                                                                                                           |  |  |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>Test Site</b>          | SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory                                                                       |  |  |
| <b>Test Site Location</b> | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |  |  |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b>                                                                                                                   |  |  |
|                           | 03CH11-HY                                                                                                                                 |  |  |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190 and TW0007



## **1.5 Applicable Standards**

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ ANSI C63.10-2013

### **Remark:**

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

## 2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

### 2.1 Carrier Frequency and Channel

| Frequency Band                       | Channel         | Freq. (MHz) | Channel | Freq. (MHz) |
|--------------------------------------|-----------------|-------------|---------|-------------|
| 5150-5250 MHz<br>Band 1<br>(U-NII-1) | 36              | 5180        | 44      | 5220        |
|                                      | 38*             | 5190        | 46*     | 5230        |
|                                      | 40              | 5200        | 48      | 5240        |
|                                      | 42 <sup>#</sup> | 5210        |         |             |

| Frequency Band                        | Channel         | Freq. (MHz) | Channel | Freq. (MHz) |
|---------------------------------------|-----------------|-------------|---------|-------------|
| 5250-5350 MHz<br>Band 2<br>(U-NII-2A) | 52              | 5260        | 60      | 5300        |
|                                       | 54*             | 5270        | 62*     | 5310        |
|                                       | 56              | 5280        | 64      | 5320        |
|                                       | 58 <sup>#</sup> | 5290        |         |             |

| Frequency Band                        | Channel          | Freq. (MHz) | Channel | Freq. (MHz) |
|---------------------------------------|------------------|-------------|---------|-------------|
| 5470-5725 MHz<br>Band 3<br>(U-NII-2C) | 100              | 5500        | 112     | 5560        |
|                                       | 102*             | 5510        | 116     | 5580        |
|                                       | 104              | 5520        | 132     | 5660        |
|                                       | 106 <sup>#</sup> | 5530        | 134*    | 5670        |
|                                       | 108              | 5540        | 136     | 5680        |
|                                       | 110*             | 5550        | 140     | 5700        |



| Frequency Band | Channel          | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) |
|----------------|------------------|----------------|---------|----------------|
| TDWR Channel   | 118*             | 5590           | 124     | 5620           |
|                | 120              | 5600           | 126*    | 5630           |
|                | 122 <sup>#</sup> | 5610           | 128     | 5640           |

| Frequency Band   | Channel          | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) |
|------------------|------------------|----------------|---------|----------------|
| Straddle Channel | 138 <sup>#</sup> | 5690           | 144     | 5720           |
|                  | 142*             | 5710           |         |                |

**Note:**

1. The above Frequency and Channel in "\*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "<sup>#</sup>" were 802.11ac VHT80.



## 2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

| Modulation     | 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      |

| Test Cases                  |                                                             |
|-----------------------------|-------------------------------------------------------------|
| AC<br>Conducted<br>Emission | Mode 1 : WLAN (5GHZ) Link + Play News + USB Light + Speaker |



| Ch. #    |        | Band I : 5150-5250 MHz | Band II : 5250-5350 MHz | Band III : 5470-5725MHz |
|----------|--------|------------------------|-------------------------|-------------------------|
|          |        | 802.11a                | 802.11a                 | 802.11a                 |
| L        | Low    | 36                     | 52                      | 100                     |
| M        | Middle | 44                     | 60                      | 116                     |
| H        | High   | 48                     | 64                      | 140                     |
| Straddle |        | -                      | -                       | 144                     |

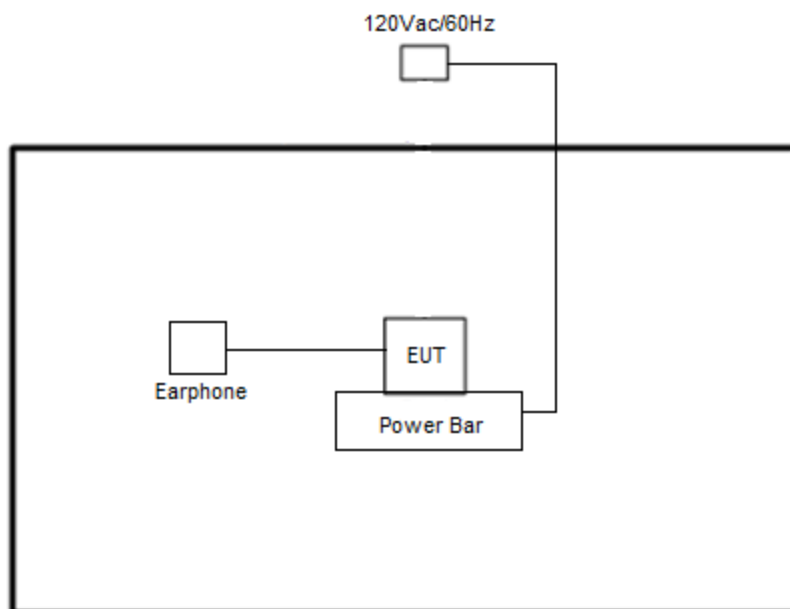
| Ch. #    |        | Band I : 5150-5250 MHz | Band II : 5250-5350 MHz | Band III : 5470-5725MHz |
|----------|--------|------------------------|-------------------------|-------------------------|
|          |        | 802.11n HT20           | 802.11n HT20            | 802.11n HT20            |
| L        | Low    | 36                     | 52                      | 100                     |
| M        | Middle | 44                     | 60                      | 116                     |
| H        | High   | 48                     | 64                      | 140                     |
| Straddle |        | -                      | -                       | 144                     |

| Ch. #    |        | Band I : 5150-5250 MHz | Band II : 5250-5350 MHz | Band III : 5470-5725MHz |
|----------|--------|------------------------|-------------------------|-------------------------|
|          |        | 802.11n HT40           | 802.11n HT40            | 802.11n HT40            |
| L        | Low    | 38                     | 54                      | 102                     |
| M        | Middle | -                      | -                       | 110                     |
| H        | High   | 46                     | 62                      | 134                     |
| Straddle |        | -                      | -                       | 142                     |

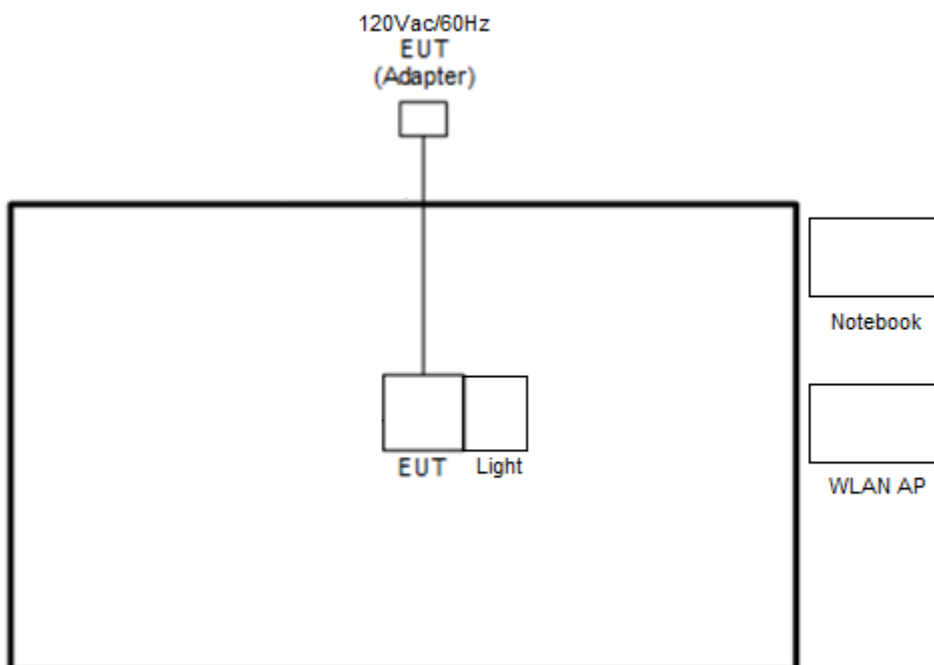
| Ch. #    |        | Band I : 5150-5250 MHz | Band II : 5250-5350 MHz | Band III : 5470-5725MHz |
|----------|--------|------------------------|-------------------------|-------------------------|
|          |        | 802.11ac VHT80         | 802.11ac VHT80          | 802.11ac VHT80          |
| L        | Low    | -                      | -                       | 106                     |
| M        | Middle | 42                     | 58                      | -                       |
| H        | High   | -                      | -                       | 122                     |
| Straddle |        | -                      | -                       | 138                     |

## 2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>



## 2.4 Support Unit used in test configuration and system

| Item | Equipment | Trade Name    | Model Name     | FCC ID                                       | Data Cable | Power Cord                                                 |
|------|-----------|---------------|----------------|----------------------------------------------|------------|------------------------------------------------------------|
| 1.   | WLAN AP   | ASUS          | RT-AC1750      | MSQ-RTAC66U                                  | N/A        | Unshielded, 1.8 m                                          |
| 2.   | Notebook  | DELL          | Latitude E6320 | FCC DoC/<br>Contains FCC<br>ID: QDS-BRCM1054 | N/A        | AC I/P:<br>Unshielded, 1.2 m<br>DC O/P:<br>Shielded, 1.8 m |
| 3.   | Speaker   | JAWBONE       | N/A            | N/A                                          | N/A        | N/A                                                        |
| 4.   | Earphone  | ipod Earphone | IP-E1          | N/A                                          | N/A        | N/A                                                        |

## 2.5 EUT Operation Test Setup

The RF test items, utility "Compliance tool 1.0.0.54" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

## 2.6 Measurement Results Explanation Example

**For all conducted test items:**

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

*Offset = RF cable loss + attenuator factor.*

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.2 + 10 = 14.2 \text{ (dB)}
 \end{aligned}$$

### 3 Test Result

#### 3.1 26dB & 99% Occupied Bandwidth Measurement

##### 3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

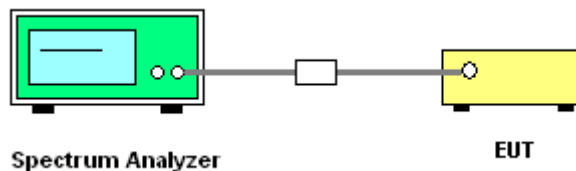
##### 3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

##### 3.1.3 Test Procedures

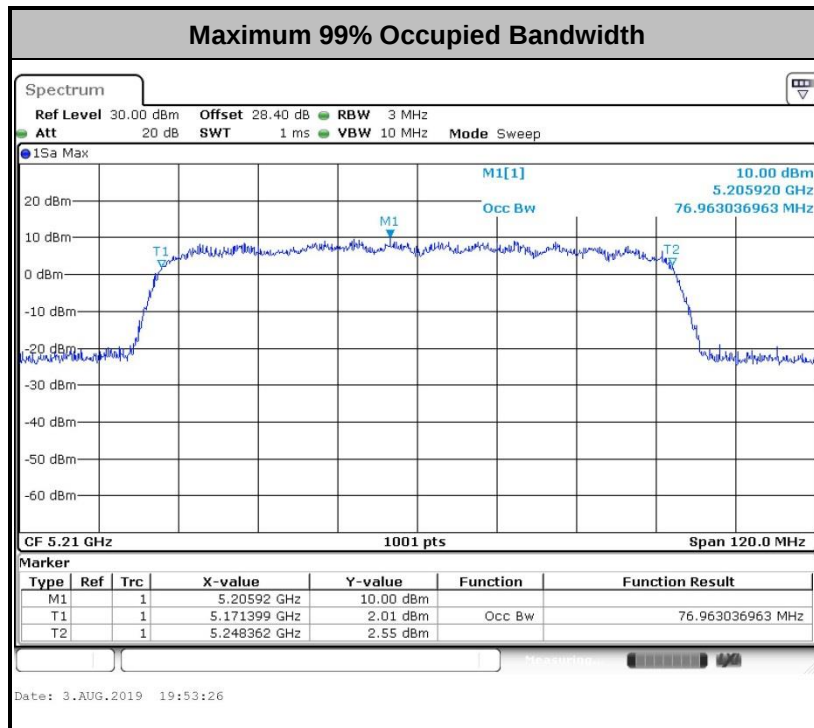
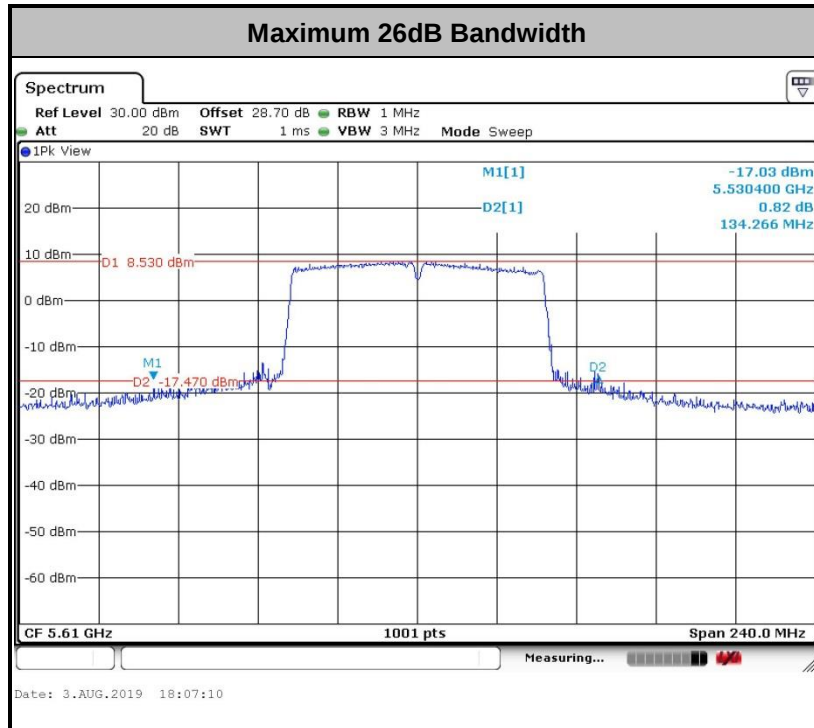
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW)  $\geq 3 * RBW$ .
8. Measure and record the results in the test report.

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



**Note:** The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

## 3.2 Maximum Conducted Output Power Measurement

### 3.2.1 Limit of Maximum Conducted Output Power

#### <FCC 14-30 CFR 15.407>

##### **For the 5.15–5.25 GHz bands:**

- For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

##### **For the 5.25–5.725 GHz bands:**

- The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

### 3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

### 3.2.3 Test Procedures

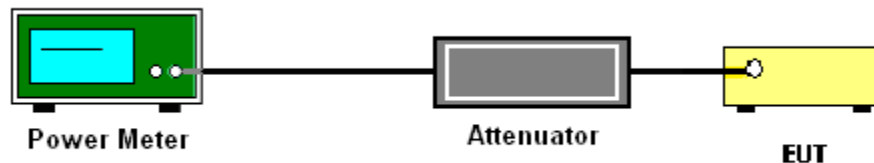
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



### **3.3 Power Spectral Density Measurement**

#### **3.3.1 Limit of Power Spectral Density**

##### **<FCC 14-30 CFR 15.407>**

##### **For the 5.15–5.25 GHz bands:**

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

##### **For the 5.25–5.725 GHz bands:**

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **3.3.2 Measuring Instruments**

See list of measuring equipment of this test report.

### 3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

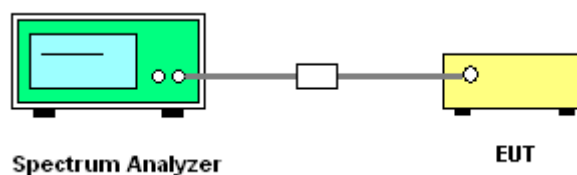
Section F) Maximum power spectral density.

#### # Method SA-3 #

(power averaging (rms) detection with max hold):

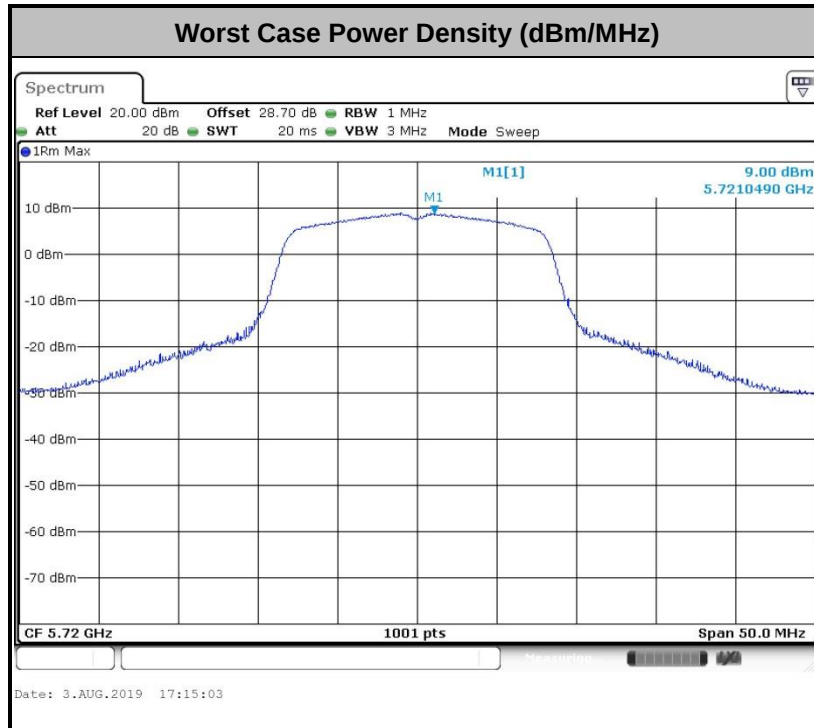
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
  - Set RBW = 1 MHz.
  - Set VBW  $\geq$  3 MHz
  - Number of points in sweep  $\geq$  2 Span / RBW.
  - Sweep time  $\leq$  (number of points in sweep)  $\times$  T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
  - Detector = power averaging (rms).
  - Trace mode = max hold.
  - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
- 
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
  2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

### 3.3.4 Test Setup



### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



### 3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

#### 3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

- (2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table:

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

**Note:** The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \quad \mu\text{V/m, where P is the eirp (Watts)}$$

| EIRP (dBm) | Field Strength at 3m (dBμV/m) |
|------------|-------------------------------|
| - 27       | 68.3                          |

(3) KDB789033 D02 v02r01 G)2)c)

- (i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.<sup>3</sup>
- (ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.<sup>4</sup>

**Note 3:** An out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.

**Note 4:** Only devices with antenna gains of 10 dBi or less may be approved using the emission limits specified in Section 15.247(d) till March 2, 2018; all other devices operating in this band must use the mask specified in Section 15.407(b)(4)(i).

### 3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

### 3.4.3 Test Procedures

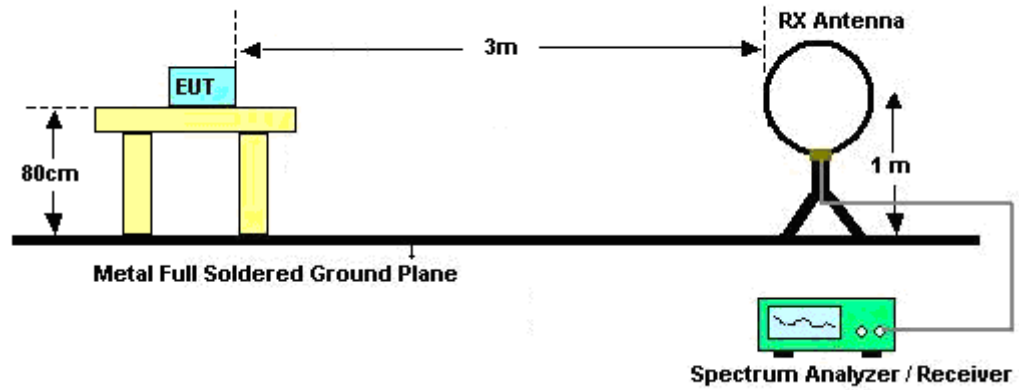
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
  - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
    - RBW = 120 kHz
    - VBW = 300 kHz
    - Detector = Peak
    - Trace mode = max hold
  - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW ≥ 3 MHz
    - Detector = Peak
    - Sweep time = auto
    - Trace mode = max hold

(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

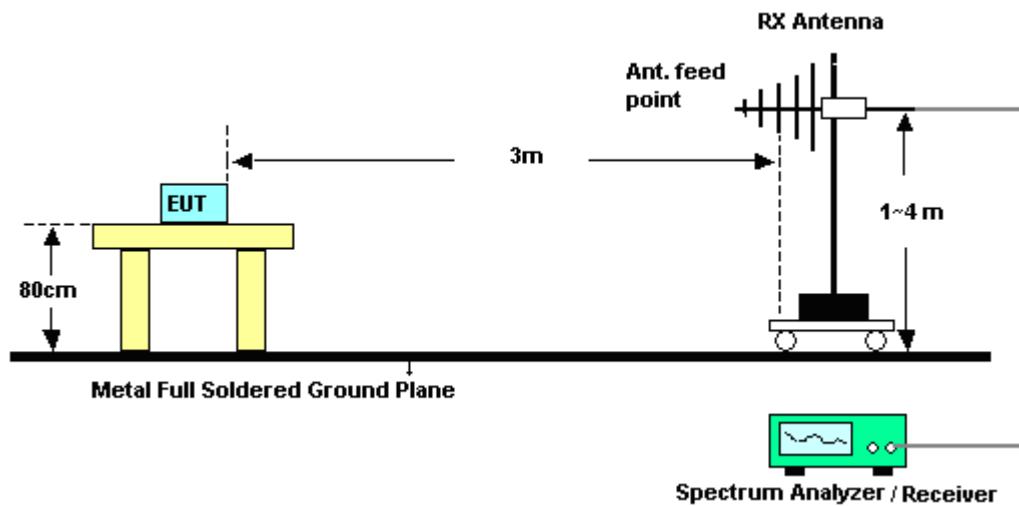
- RBW = 1 MHz
  - VBW = 10 Hz, when duty cycle is no less than 98 percent.
  - $VBW \geq 1/T$ , when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
  3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
  4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
  5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
  6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
  7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

### 3.4.4 Test Setup

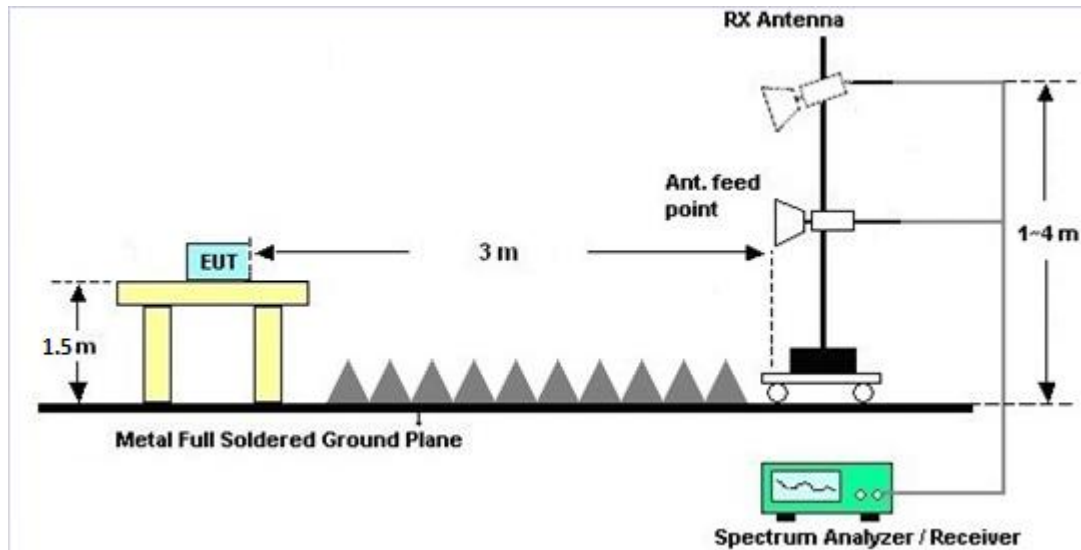
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



### 3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

### 3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

### 3.4.7 Duty Cycle

Please refer to Appendix E.

### 3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

### 3.5 AC Conducted Emission Measurement

#### 3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

| Frequency of emission (MHz) | Conducted limit (dB $\mu$ V) |           |
|-----------------------------|------------------------------|-----------|
|                             | 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.

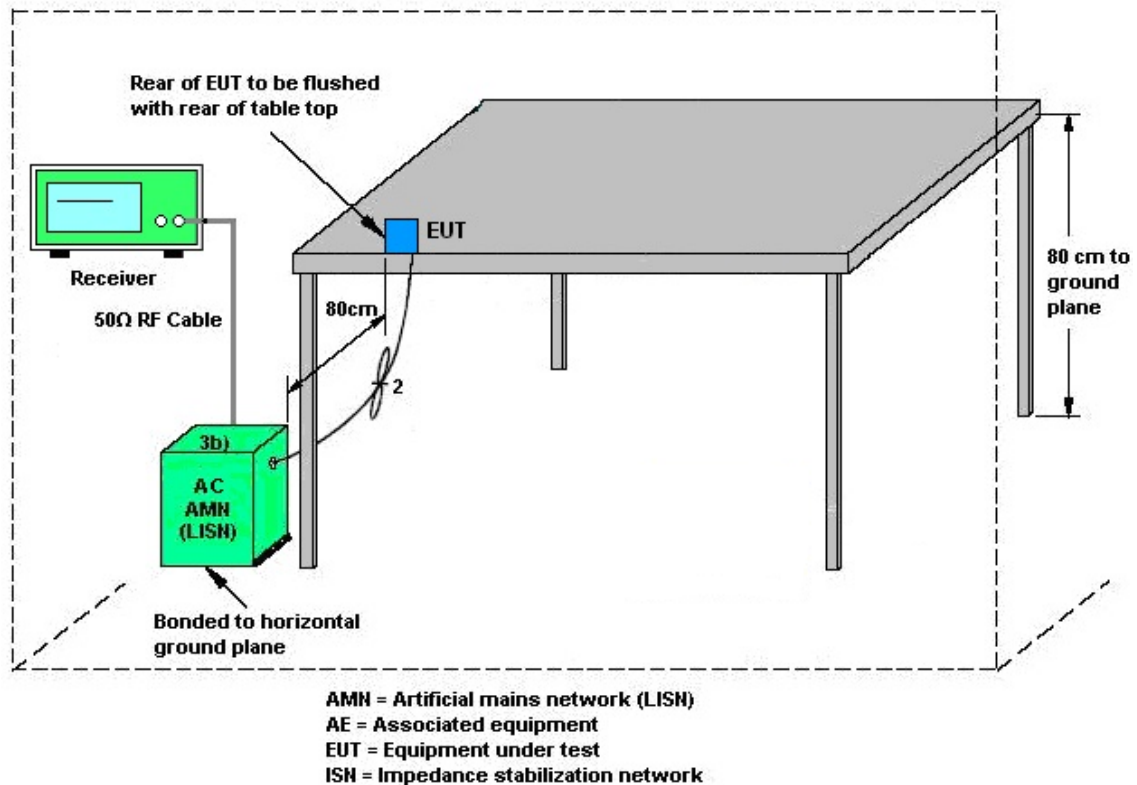
#### 3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

#### 3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

### 3.5.4 Test Setup



### 3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

## 3.6 Automatically Discontinue Transmission

### 3.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

### 3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

### 3.6.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

- A. Information start: make EUT supply information to the access point.
- B. Information stop: stop supplying information to the access point.

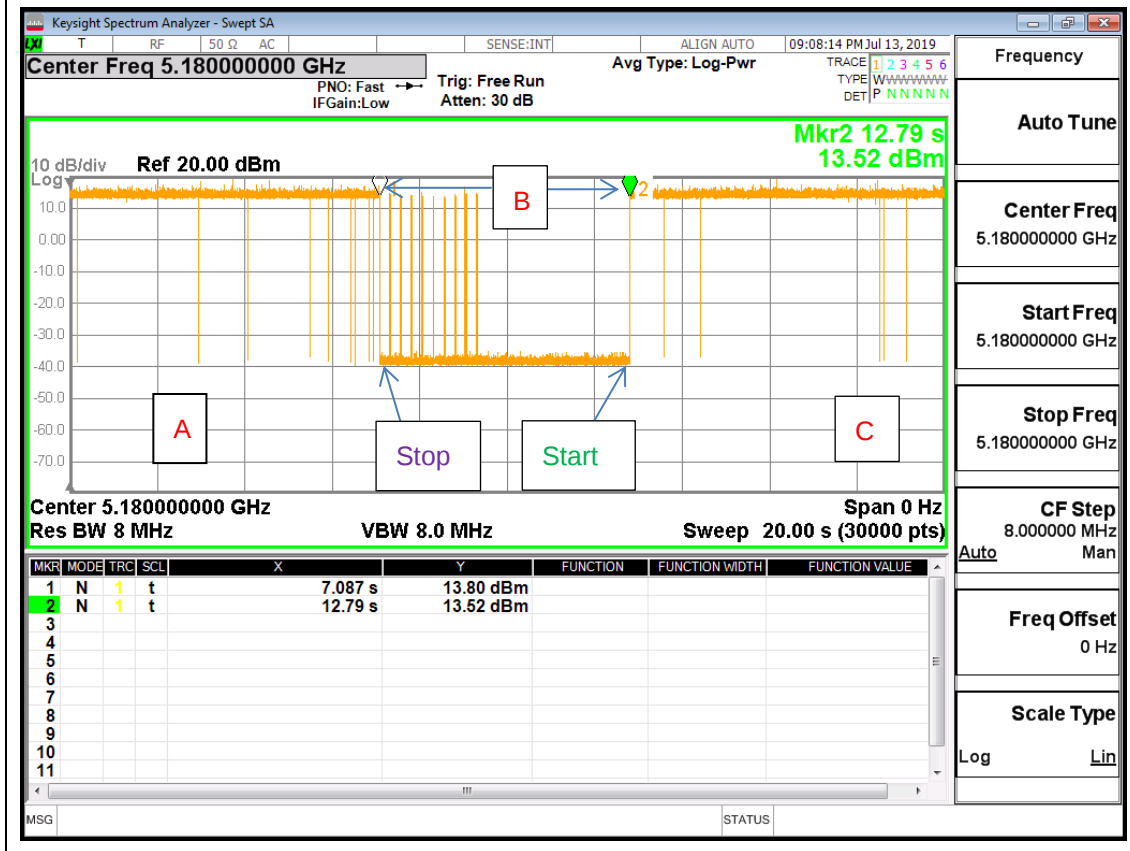
While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

- C. Information start: make EUT supply information to the access point again.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



5180MHz



Note : The control / signalling information during the period B is precluded.



## **3.7 Antenna Requirements**

### **3.7.1 Standard Applicable**

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### **3.7.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

### **3.7.3 Antenna Gain**

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



## 4 List of Measuring Equipment

| Instrument            | Manufacturer      | Model No.       | Serial No.        | Characteristics | Calibration Date | Test Date                        | Due Date      | Remark                  |
|-----------------------|-------------------|-----------------|-------------------|-----------------|------------------|----------------------------------|---------------|-------------------------|
| Power Sensor          | DARE              | RPR3006W        | 13I00030S<br>NO32 | 9kHz~6GHz       | Dec. 03, 2018    | Jul. 09, 2019 ~<br>Aug. 06, 2019 | Dec. 02, 2019 | Conducted<br>(TH05-HY)  |
| Spectrum Analyzer     | Rohde & Schwarz   | FSV40           | 101397            | 10Hz~40GHz      | Nov. 13, 2018    | Jul. 09, 2019 ~<br>Aug. 06, 2019 | Nov. 12, 2019 | Conducted<br>(TH05-HY)  |
| Switch Box & RF Cable | Burgeon           | ETF-058         | EC120838<br>2     | N/A             | Mar. 27, 2019    | Jul. 09, 2019 ~<br>Aug. 06, 2019 | Mar. 26, 2020 | Conducted<br>(TH05-HY)  |
| AC Power Source       | ChainTek          | APC-1000W       | N/A               | N/A             | N/A              | Jul. 06, 2019                    | N/A           | Conduction<br>(CO05-HY) |
| EMI Test Receiver     | Rohde & Schwarz   | ESR3            | 102388            | 9kHz~3.6GHz     | Nov. 12, 2018    | Jul. 06, 2019                    | Nov. 11, 2019 | Conduction<br>(CO05-HY) |
| LISN                  | Rohde & Schwarz   | ENV216          | 100080            | 9kHz~30MHz      | Nov. 14, 2018    | Jul. 06, 2019                    | Nov. 13, 2019 | Conduction<br>(CO05-HY) |
| LISN                  | Rohde & Schwarz   | ENV216          | 100081            | 9kHz~30MHz      | Nov. 09, 2018    | Jul. 06, 2019                    | Nov. 08, 2019 | Conduction<br>(CO05-HY) |
| Software              | Rohde & Schwarz   | EMC32<br>V10.30 | N/A               | N/A             | N/A              | Jul. 06, 2019                    | N/A           | Conduction<br>(CO05-HY) |
| LF Cable              | HUBER +<br>SUHNER | RG-214/U        | LF01              | N/A             | Dec. 31, 2018    | Jul. 06, 2019                    | Dec. 30, 2019 | Conduction<br>(CO05-HY) |
| Pulse Limiter         | Rohde & Schwarz   | ESH3-Z2         | 100851            | N/A             | Dec. 31, 2018    | Jul. 06, 2019                    | Dec. 30, 2019 | Conduction<br>(CO05-HY) |



| Instrument              | Manufacturer       | Model No.                            | Serial No.           | Characteristics      | Calibration Date | Test Date                       | Due Date      | Remark                   |
|-------------------------|--------------------|--------------------------------------|----------------------|----------------------|------------------|---------------------------------|---------------|--------------------------|
| Preamplifier            | EMEC               | EM18G40G                             | 060715               | 18GHz ~ 40GHz        | Dec. 06, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Dec. 05, 2019 | Radiation<br>(03CH11-HY) |
| Amplifier               | SONOMA             | 310N                                 | 187312               | 9kHz~1GHz            | Dec. 04, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Dec. 03, 2019 | Radiation<br>(03CH11-HY) |
| Bilog Antenna           | TESEQ              | CBL<br>6111D&N-6-0<br>6              | 35414&AT-<br>N0602   | 30MHz~1GHz           | Oct. 13, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Oct. 12, 2019 | Radiation<br>(03CH11-HY) |
| Horn Antenna            | SCHWARZBE<br>CK    | BBHA 9120 D                          | 9120D-132<br>6       | 1GHz ~ 18GHz         | Oct. 30, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Oct. 29, 2019 | Radiation<br>(03CH11-HY) |
| Loop Antenna            | Rohde &<br>Schwarz | HFH2-Z2                              | 100488               | 9 kHz~30 MHz         | Nov. 22, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Nov. 21, 2019 | Radiation<br>(03CH11-HY) |
| Preamplifier            | Keysight           | 83017A                               | MY532700<br>80       | 1GHz~26.5GHz         | Nov. 14, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Nov. 13, 2020 | Radiation<br>(03CH11-HY) |
| Spectrum<br>Analyzer    | Keysight           | N9010A                               | MY542004<br>86       | 10Hz ~ 44GHz         | Oct. 19, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Oct. 18, 2019 | Radiation<br>(03CH11-HY) |
| Antenna Mast            | EMEC               | AM-BS-4500-<br>B                     | N/A                  | 1~4m                 | N/A              | Jul .15, 2019~<br>Aug .08, 2019 | N/A           | Radiation<br>(03CH11-HY) |
| Turn Table              | EMEC               | TT 2000                              | N/A                  | 0~360 Degree         | N/A              | Jul .15, 2019~<br>Aug .08, 2019 | N/A           | Radiation<br>(03CH11-HY) |
| Preamplifier            | Jet-Power          | JPA0118-55-3<br>03                   | 171000180<br>0055007 | 1GHz~18GHz           | Apr. 01, 2019    | Jul .15, 2019~<br>Aug .08, 2019 | Mar. 31, 2020 | Radiation<br>(03CH11-HY) |
| SHF-EHF Horn<br>Antenna | SCHWARZBE<br>CK    | BBHA 9170                            | BBHA9170<br>584      | 18GHz- 40GHz         | Dec. 05, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Dec. 04, 2019 | Radiation<br>(03CH11-HY) |
| EMI Test Receiver       | Keysight           | N9038A(MXE<br>)                      | MY541300<br>85       | N/A                  | Nov. 01, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Oct. 31, 2019 | Radiation<br>(03CH11-HY) |
| Software                | Audix              | E3<br>6.2009-8-24                    | RK-00104<br>2        | N/A                  | N/A              | Jul .15, 2019~<br>Aug .08, 2019 | N/A           | Radiation<br>(03CH11-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX<br>104                      | MY9837/4<br>PE       | 9kHz-30MHz           | Mar. 13, 2019    | Jul .15, 2019~<br>Aug .08, 2019 | Mar. 12, 2020 | Radiation<br>(03CH11-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX<br>102                      | MY2859/2             | 30MHz-40GHz          | Mar. 13, 2019    | Jul .15, 2019~<br>Aug .08, 2019 | Mar. 12, 2020 | Radiation<br>(03CH11-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX<br>104                      | MY9837/4<br>PE       | 30M-18G              | Mar. 13, 2019    | Jul .15, 2019~<br>Aug .08, 2019 | Mar. 12, 2020 | Radiation<br>(03CH11-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX<br>102                      | MY4274/2             | 30MHz-40GHz          | Mar. 13, 2019    | Jul .15, 2019~<br>Aug .08, 2019 | Mar. 12, 2020 | Radiation<br>(03CH11-HY) |
| Filter                  | Wainwright         | WLK4-1000-1<br>530-8000-40S<br>S     | SN11                 | 1G Low Pass          | Sep. 16, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Sep. 17, 2019 | Radiation<br>(03CH11-HY) |
| Filter                  | Wainwright         | WHKX8-5872.<br>5-6750-18000<br>-40ST | SN3                  | 6.75GHz High<br>Pass | Sep. 17, 2018    | Jul .15, 2019~<br>Aug .08, 2019 | Sep. 16, 2019 | Radiation<br>(03CH11-HY) |



## 5 Uncertainty of Evaluation

### Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.2 |
|-------------------------------------------------------------------------|-----|

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.2 |
|-------------------------------------------------------------------------|-----|

### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.5 |
|-------------------------------------------------------------------------|-----|

### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.2 |
|-------------------------------------------------------------------------|-----|

**Appendix A. Test Result of Conducted Test Items**

|                |                |                    |          |    |
|----------------|----------------|--------------------|----------|----|
| Test Engineer: | Kai Liao       | Temperature:       | 21~25    | °C |
| Test Date:     | 2019/7/9 ~ 8/6 | Relative Humidity: | 51~54    | %  |
| TX Tool        | Compliance     | TX Tool Version    | 1.0.0.54 |    |

**TEST RESULTS DATA**  
**26dB and 99% OBW**

| Band I |           |     |     |             |                     |       |                       |       |                                    |       |                                   |       |      |
|--------|-----------|-----|-----|-------------|---------------------|-------|-----------------------|-------|------------------------------------|-------|-----------------------------------|-------|------|
| Mod.   | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) |       | 26 dB Bandwidth (MHz) |       | IC 99% Bandwidth Power Limit (dBm) |       | IC 99% Bandwidth EIRP Limit (dBm) |       | Note |
|        |           |     |     |             | Ant 0               | Ant 1 | Ant 0                 | Ant 1 | Ant 0                              | Ant 1 | Ant 0                             | Ant 1 |      |
| 11a    | 6Mbps     | 1   | 36  | 5180        | 16.73               | -     | 26.37                 | -     | -                                  | -     | 22.24                             | -     |      |
| 11a    | 6Mbps     | 1   | 44  | 5220        | 16.88               | -     | 30.42                 | -     | -                                  | -     | 22.27                             | -     |      |
| 11a    | 6Mbps     | 1   | 48  | 5240        | 16.88               | -     | 30.52                 | -     | -                                  | -     | 22.27                             | -     |      |
| HT20   | MCS0      | 1   | 36  | 5180        | 17.88               | -     | 28.02                 | -     | -                                  | -     | 22.52                             | -     |      |
| HT20   | MCS0      | 1   | 44  | 5220        | 17.98               | -     | 31.72                 | -     | -                                  | -     | 22.55                             | -     |      |
| HT20   | MCS0      | 1   | 48  | 5240        | 17.98               | -     | 34.72                 | -     | -                                  | -     | 22.55                             | -     |      |
| HT40   | MCS0      | 1   | 38  | 5190        | 36.76               | -     | 41.72                 | -     | -                                  | -     | 23.01                             | -     |      |
| HT40   | MCS0      | 1   | 46  | 5230        | 37.06               | -     | 59.88                 | -     | -                                  | -     | 23.01                             | -     |      |
| VHT80  | MCS0      | 1   | 42  | 5210        | 76.96               | -     | 81.36                 | -     | -                                  | -     | 23.01                             | -     |      |

**TEST RESULTS DATA**  
**Average Power Table**

| FCC Band I |           |     |     |             |                               |       |     |                                 |       |          |       |           |
|------------|-----------|-----|-----|-------------|-------------------------------|-------|-----|---------------------------------|-------|----------|-------|-----------|
| Mod.       | Data Rate | NTX | CH. | Freq. (MHz) | Average Conducted Power (dBm) |       |     | FCC Conducted Power Limit (dBm) |       | DG (dBi) |       | Pass/Fail |
|            |           |     |     |             | Ant 0                         | Ant 1 | SUM | Ant 0                           | Ant 1 | Ant 0    | Ant 1 |           |
| 11a        | 6Mbps     | 1   | 36  | 5180        | 17.80                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| 11a        | 6Mbps     | 1   | 44  | 5220        | 18.70                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| 11a        | 6Mbps     | 1   | 48  | 5240        | 18.80                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| HT20       | MCS0      | 1   | 36  | 5180        | 17.50                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| HT20       | MCS0      | 1   | 44  | 5220        | 18.60                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| HT20       | MCS0      | 1   | 48  | 5240        | 18.60                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| HT40       | MCS0      | 1   | 38  | 5190        | 14.30                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| HT40       | MCS0      | 1   | 46  | 5230        | 18.70                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| VHT20      | MCS0      | 1   | 36  | 5180        | 17.40                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| VHT20      | MCS0      | 1   | 44  | 5220        | 18.50                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| VHT20      | MCS0      | 1   | 48  | 5240        | 18.50                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| VHT40      | MCS0      | 1   | 38  | 5190        | 14.20                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| VHT40      | MCS0      | 1   | 46  | 5230        | 18.60                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |
| VHT80      | MCS0      | 1   | 42  | 5210        | 12.00                         | -     |     | 24.00                           | -     | 4.70     | -     | Pass      |

**TEST RESULTS DATA**  
**Power Spectral Density**

| FCC Band I |           |     |     |             |                  |       |                                 |       |     |                             |       |          |       |            |
|------------|-----------|-----|-----|-------------|------------------|-------|---------------------------------|-------|-----|-----------------------------|-------|----------|-------|------------|
| Mod.       | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) |       | Average Power Density (dBm/MHz) |       |     | Average PSD Limit (dBm/MHz) |       | DG (dBi) |       | Pass /Fail |
|            |           |     |     |             | Ant 0            | Ant 1 | Ant 0                           | Ant 1 | SUM | Ant 0                       | Ant 1 | Ant 0    | Ant 1 |            |
| 11a        | 6Mbps     | 1   | 36  | 5180        | 0.00             | -     | 7.39                            | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |
| 11a        | 6Mbps     | 1   | 44  | 5220        | 0.00             | -     | 8.62                            | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |
| 11a        | 6Mbps     | 1   | 48  | 5240        | 0.00             | -     | 8.85                            | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |
| HT20       | MCS0      | 1   | 36  | 5180        | 0.00             | -     | 7.70                            | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |
| HT20       | MCS0      | 1   | 44  | 5220        | 0.00             | -     | 8.55                            | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |
| HT20       | MCS0      | 1   | 48  | 5240        | 0.00             | -     | 8.43                            | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |
| HT40       | MCS0      | 1   | 38  | 5190        | 0.00             | -     | 1.44                            | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |
| HT40       | MCS0      | 1   | 46  | 5230        | 0.00             | -     | 5.27                            | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |
| VHT80      | MCS0      | 1   | 42  | 5210        | 0.00             | -     | -3.91                           | -     |     | 11.00                       | -     | 4.70     | -     | Pass       |

**TEST RESULTS DATA**  
**26dB and 99% OBW**

| Band II |           |     |     |             |                     |       |                       |       |                                    |       |                                   |       |                                      |       |      |
|---------|-----------|-----|-----|-------------|---------------------|-------|-----------------------|-------|------------------------------------|-------|-----------------------------------|-------|--------------------------------------|-------|------|
| Mod.    | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) |       | 26 dB Bandwidth (MHz) |       | IC 99% Bandwidth Power Limit (dBm) |       | IC 99% Bandwidth EIRP Limit (dBm) |       | FCC 26dB Bandwidth Power Limit (dBm) |       | Note |
|         |           |     |     |             | Ant 0               | Ant 1 | Ant 0                 | Ant 1 | Ant 0                              | Ant 1 | Ant 0                             | Ant 1 | Ant 0                                | Ant 1 |      |
| 11a     | 6Mbps     | 1   | 52  | 5260        | 16.98               | -     | 30.37                 | -     | 23.30                              | -     | 29.30                             | -     | 23.98                                | -     |      |
| 11a     | 6Mbps     | 1   | 60  | 5300        | 16.98               | -     | 29.52                 | -     | 23.30                              | -     | 29.30                             | -     | 23.98                                | -     |      |
| 11a     | 6Mbps     | 1   | 64  | 5320        | 16.93               | -     | 27.22                 | -     | 23.29                              | -     | 29.29                             | -     | 23.98                                | -     |      |
| HT20    | MCS0      | 1   | 52  | 5260        | 17.98               | -     | 34.17                 | -     | 23.55                              | -     | 29.55                             | -     | 23.98                                | -     |      |
| HT20    | MCS0      | 1   | 60  | 5300        | 17.98               | -     | 31.52                 | -     | 23.55                              | -     | 29.55                             | -     | 23.98                                | -     |      |
| HT20    | MCS0      | 1   | 64  | 5320        | 17.88               | -     | 32.52                 | -     | 23.52                              | -     | 29.52                             | -     | 23.98                                | -     |      |
| HT40    | MCS0      | 1   | 54  | 5270        | 37.16               | -     | 63.12                 | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     |      |
| HT40    | MCS0      | 1   | 62  | 5310        | 36.76               | -     | 41.90                 | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     |      |
| VHT80   | MCS0      | 1   | 58  | 5290        | 76.84               | -     | 81.20                 | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     |      |

**TEST RESULTS DATA**  
**Average Power Table**

| FCC Band II |           |     |     |             |                               |       |     |                                 |       |          |       |                        |           |
|-------------|-----------|-----|-----|-------------|-------------------------------|-------|-----|---------------------------------|-------|----------|-------|------------------------|-----------|
| Mod.        | Data Rate | NTX | CH. | Freq. (MHz) | Average Conducted Power (dBm) |       |     | FCC Conducted Power Limit (dBm) |       | DG (dBi) |       | EIRP Power Limit (dBm) | Pass/Fail |
|             |           |     |     |             | Ant 0                         | Ant 1 | SUM | Ant 0                           | Ant 1 | Ant 0    | Ant 1 |                        |           |
| 11a         | 6Mbps     | 1   | 52  | 5260        | 19.00                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| 11a         | 6Mbps     | 1   | 60  | 5300        | 18.60                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| 11a         | 6Mbps     | 1   | 64  | 5320        | 17.50                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| HT20        | MCS0      | 1   | 52  | 5260        | 18.70                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| HT20        | MCS0      | 1   | 60  | 5300        | 18.80                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| HT20        | MCS0      | 1   | 64  | 5320        | 17.80                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| HT40        | MCS0      | 1   | 54  | 5270        | 18.80                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| HT40        | MCS0      | 1   | 62  | 5310        | 15.80                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| VHT20       | MCS0      | 1   | 52  | 5260        | 18.60                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| VHT20       | MCS0      | 1   | 60  | 5300        | 18.70                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| VHT20       | MCS0      | 1   | 64  | 5320        | 17.70                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| VHT40       | MCS0      | 1   | 54  | 5270        | 18.70                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| VHT40       | MCS0      | 1   | 62  | 5310        | 15.70                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |
| VHT80       | MCS0      | 1   | 58  | 5290        | 15.30                         | -     |     | 23.98                           | -     | 5.00     | -     | 26.99                  | Pass      |

**TEST RESULTS DATA**  
**Power Spectral Density**

| Band II |           |     |     |             |                  |       |                                 |       |     |                             |       |          |       |            |
|---------|-----------|-----|-----|-------------|------------------|-------|---------------------------------|-------|-----|-----------------------------|-------|----------|-------|------------|
| Mod.    | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) |       | Average Power Density (dBm/MHz) |       |     | Average PSD Limit (dBm/MHz) |       | DG (dBi) |       | Pass /Fail |
|         |           |     |     |             | Ant 0            | Ant 1 | Ant 0                           | Ant 1 | SUM | Ant 0                       | Ant 1 | Ant 0    | Ant 1 |            |
| 11a     | 6Mbps     | 1   | 52  | 5260        | 0.00             | -     | 8.96                            | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |
| 11a     | 6Mbps     | 1   | 60  | 5300        | 0.00             | -     | 8.80                            | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |
| 11a     | 6Mbps     | 1   | 64  | 5320        | 0.00             | -     | 7.73                            | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |
| HT20    | MCS0      | 1   | 52  | 5260        | 0.00             | -     | 8.61                            | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |
| HT20    | MCS0      | 1   | 60  | 5300        | 0.00             | -     | 8.62                            | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |
| HT20    | MCS0      | 1   | 64  | 5320        | 0.00             | -     | 7.71                            | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |
| HT40    | MCS0      | 1   | 54  | 5270        | 0.00             | -     | 5.32                            | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |
| HT40    | MCS0      | 1   | 62  | 5310        | 0.00             | -     | 2.43                            | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |
| VHT80   | MCS0      | 1   | 58  | 5290        | 0.00             | -     | -1.62                           | -     |     | 11.00                       | -     | 5.00     | -     | Pass       |

**TEST RESULTS DATA**  
**26dB and 99% OBW**

| Band III |           |     |     |             |                                 |       |                                   |       |                                    |       |                                   |       |                                      |       |                                           |       |
|----------|-----------|-----|-----|-------------|---------------------------------|-------|-----------------------------------|-------|------------------------------------|-------|-----------------------------------|-------|--------------------------------------|-------|-------------------------------------------|-------|
| Mod.     | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth In U-NII 2C (MHz) |       | 26 dB Bandwidth In U-NII 2C (MHz) |       | IC 99% Bandwidth Power Limit (dBm) |       | IC 99% Bandwidth EIRP Limit (dBm) |       | FCC 26dB Bandwidth Power Limit (dBm) |       | 6 dB Bandwidth for Straddle Channel (MHz) |       |
|          |           |     |     |             | Ant 0                           | Ant 1 | Ant 0                             | Ant 1 | Ant 0                              | Ant 1 | Ant 0                             | Ant 1 | Ant 0                                | Ant 1 | Ant 0                                     | Ant 1 |
| 11a      | 6Mbps     | 1   | 100 | 5500        | 16.78                           | -     | 26.97                             | -     | 23.25                              | -     | 29.25                             | -     | 23.98                                | -     | ----                                      | ----  |
| 11a      | 6Mbps     | 1   | 116 | 5580        | 16.83                           | -     | 28.92                             | -     | 23.26                              | -     | 29.26                             | -     | 23.98                                | -     | ----                                      | ----  |
| 11a      | 6Mbps     | 1   | 140 | 5700        | 16.78                           | -     | 25.97                             | -     | 23.25                              | -     | 29.25                             | -     | 23.98                                | -     | ----                                      | ----  |
| 11a      | 6Mbps     | 1   | 144 | 5720        | 13.49                           | -     | 20.78                             | -     | 22.30                              | -     | 28.30                             | -     | 23.98                                | -     | 3.142                                     | -     |
| HT20     | MCS0      | 1   | 100 | 5500        | 17.78                           | -     | 24.98                             | -     | 23.50                              | -     | 29.50                             | -     | 23.98                                | -     | ----                                      | ----  |
| HT20     | MCS0      | 1   | 116 | 5580        | 17.88                           | -     | 31.87                             | -     | 23.52                              | -     | 29.52                             | -     | 23.98                                | -     | ----                                      | ----  |
| HT20     | MCS0      | 1   | 140 | 5700        | 17.83                           | -     | 22.88                             | -     | 23.51                              | -     | 29.51                             | -     | 23.98                                | -     | ----                                      | ----  |
| HT20     | MCS0      | 1   | 144 | 5720        | 14.04                           | -     | 21.28                             | -     | 22.47                              | -     | 28.47                             | -     | 23.98                                | -     | 3.741                                     | -     |
| HT40     | MCS0      | 1   | 102 | 5510        | 37.46                           | -     | 41.99                             | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     | ----                                      | ----  |
| HT40     | MCS0      | 1   | 110 | 5550        | 37.46                           | -     | 74.90                             | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     | ----                                      | ----  |
| HT40     | MCS0      | 1   | 134 | 5670        | 36.96                           | -     | 44.51                             | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     | ----                                      | ----  |
| HT40     | MCS0      | 1   | 142 | 5710        | 34.28                           | -     | 56.54                             | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     | 3.162                                     | -     |
| VHT80    | MCS0      | 1   | 106 | 5530        | 76.84                           | -     | 81.36                             | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     | ----                                      | ----  |
| VHT80    | MCS0      | 1   | 122 | 5610        | 76.84                           | -     | 134.27                            | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     | ----                                      | ----  |
| VHT80    | MCS0      | 1   | 138 | 5690        | 74.08                           | -     | 115.08                            | -     | 23.98                              | -     | 30.00                             | -     | 23.98                                | -     | 3.203                                     | -     |

**TEST RESULTS DATA**  
**Average Power Table**

| FCC Band III |           |                 |     |             |                               |       |     |                                 |       |          |       |                        |           |
|--------------|-----------|-----------------|-----|-------------|-------------------------------|-------|-----|---------------------------------|-------|----------|-------|------------------------|-----------|
| Mod.         | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Average Conducted Power (dBm) |       |     | FCC Conducted Power Limit (dBm) |       | DG (dBi) |       | EIRP Power Limit (dBm) | Pass/Fail |
|              |           |                 |     |             | Ant 0                         | Ant 1 | SUM | Ant 0                           | Ant 1 | Ant 0    | Ant 1 |                        |           |
| 11a          | 6Mbps     | 1               | 100 | 5500        | 17.60                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| 11a          | 6Mbps     | 1               | 116 | 5580        | 18.20                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| 11a          | 6Mbps     | 1               | 140 | 5700        | 15.90                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| 11a          | 6Mbps     | 1               | 144 | 5720        | 18.70                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| HT20         | MCS0      | 1               | 100 | 5500        | 16.90                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| HT20         | MCS0      | 1               | 116 | 5580        | 18.50                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| HT20         | MCS0      | 1               | 140 | 5700        | 16.10                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| HT20         | MCS0      | 1               | 144 | 5720        | 18.70                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| HT40         | MCS0      | 1               | 102 | 5510        | 12.10                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| HT40         | MCS0      | 1               | 110 | 5550        | 19.90                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| HT40         | MCS0      | 1               | 134 | 5670        | 17.00                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| HT40         | MCS0      | 1               | 142 | 5710        | 20.00                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT20        | MCS0      | 1               | 100 | 5500        | 16.80                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT20        | MCS0      | 1               | 116 | 5580        | 18.40                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT20        | MCS0      | 1               | 140 | 5700        | 16.00                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT20        | MCS0      | 1               | 144 | 5720        | 18.50                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT40        | MCS0      | 1               | 102 | 5510        | 12.00                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT40        | MCS0      | 1               | 110 | 5550        | 19.80                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT40        | MCS0      | 1               | 134 | 5670        | 16.90                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT40        | MCS0      | 1               | 142 | 5710        | 19.90                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT80        | MCS0      | 1               | 106 | 5530        | 10.80                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT80        | MCS0      | 1               | 122 | 5610        | 18.20                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |
| VHT80        | MCS0      | 1               | 138 | 5690        | 19.80                         | -     |     | 23.98                           | -     | 5.80     | -     | 26.99                  | Pass      |

**TEST RESULTS DATA**  
**Power Spectral Density**

| Band III |           |     |     |             |                  |       |                                 |       |     |                             |       |          |       |            |
|----------|-----------|-----|-----|-------------|------------------|-------|---------------------------------|-------|-----|-----------------------------|-------|----------|-------|------------|
| Mod.     | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) |       | Average Power Density (dBm/MHz) |       |     | Average PSD Limit (dBm/MHz) |       | DG (dBi) |       | Pass /Fail |
|          |           |     |     |             | Ant 0            | Ant 1 | Ant 0                           | Ant 1 | SUM | Ant 0                       | Ant 1 | Ant 1    | Ant 2 |            |
| 11a      | 6Mbps     | 1   | 100 | 5500        | 0.00             | -     | 7.73                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| 11a      | 6Mbps     | 1   | 116 | 5580        | 0.00             | -     | 8.26                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| 11a      | 6Mbps     | 1   | 140 | 5700        | 0.00             | -     | 6.16                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| 11a      | 6Mbps     | 1   | 144 | 5720        | 0.00             | -     | 9.00                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| HT20     | MCS0      | 1   | 100 | 5500        | 0.00             | -     | 7.11                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| HT20     | MCS0      | 1   | 116 | 5580        | 0.00             | -     | 8.34                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| HT20     | MCS0      | 1   | 140 | 5700        | 0.00             | -     | 6.33                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| HT20     | MCS0      | 1   | 144 | 5720        | 0.00             | -     | 8.52                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| HT40     | MCS0      | 1   | 102 | 5510        | 0.00             | -     | -1.16                           | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| HT40     | MCS0      | 1   | 110 | 5550        | 0.00             | -     | 6.53                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| HT40     | MCS0      | 1   | 134 | 5670        | 0.00             | -     | 3.43                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| HT40     | MCS0      | 1   | 142 | 5710        | 0.00             | -     | 6.96                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| VHT80    | MCS0      | 1   | 106 | 5530        | 0.00             | -     | -5.19                           | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| VHT80    | MCS0      | 1   | 122 | 5610        | 0.00             | -     | 1.32                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |
| VHT80    | MCS0      | 1   | 138 | 5690        | 0.00             | -     | 2.80                            | -     |     | 11.00                       | -     | 5.80     | -     | Pass       |



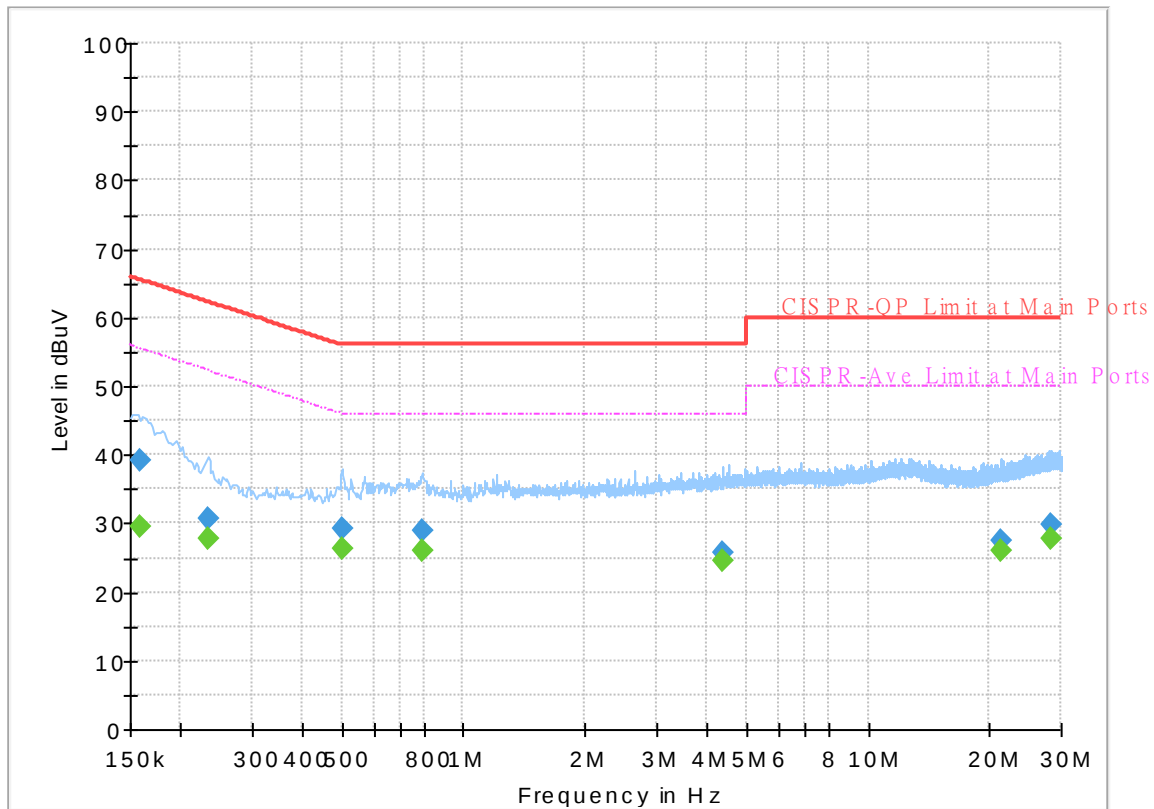
## **Appendix B. AC Conducted Emission Test Results**

|                        |             |                            |        |
|------------------------|-------------|----------------------------|--------|
| <b>Test Engineer :</b> | Jimmy Chang | <b>Temperature :</b>       | 24~26℃ |
|                        |             | <b>Relative Humidity :</b> | 52~56% |

## EUT Information

Report NO : 941514-01  
Test Mode : Mode 1  
Test Voltage : 120Vac/60Hz  
Phase : Line

Full Spectrum



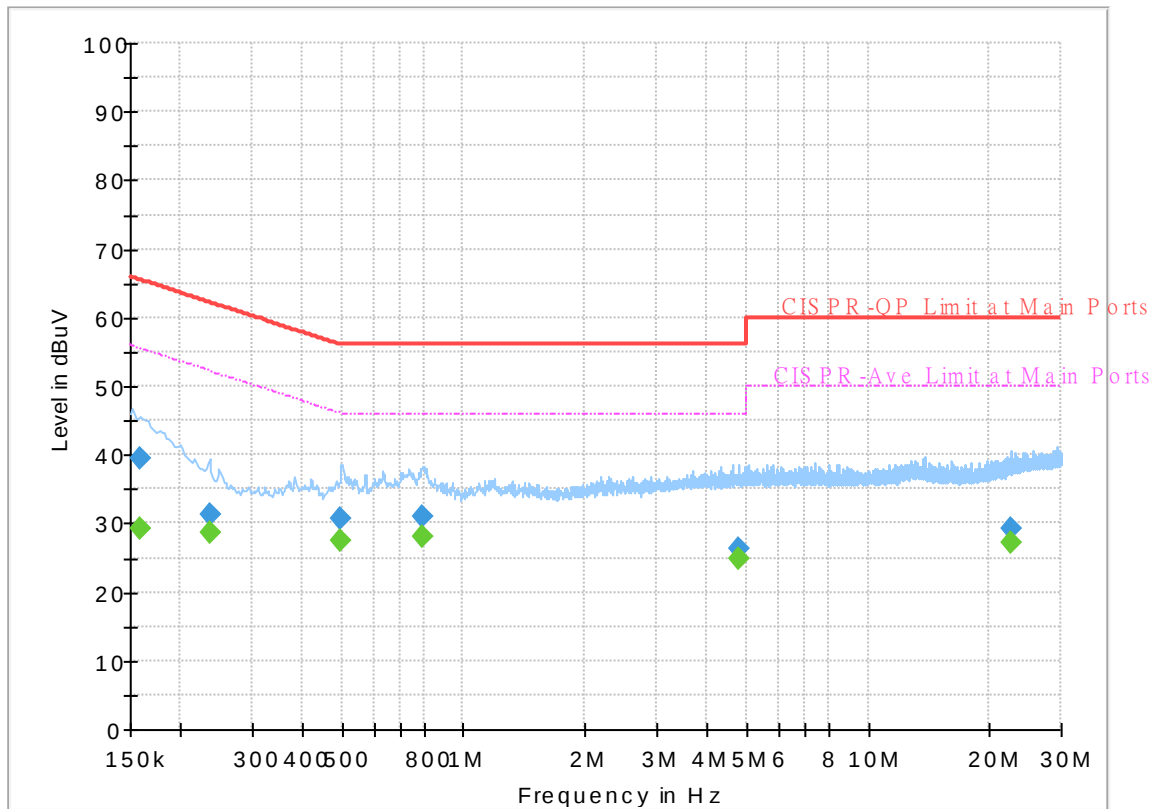
## Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.159000        | ---              | 29.42           | 55.52        | 26.10       | L1   | OFF    | 19.4       |
| 0.159000        | 39.13            | ---             | 65.52        | 26.39       | L1   | OFF    | 19.4       |
| 0.233250        | ---              | 27.76           | 52.33        | 24.57       | L1   | OFF    | 19.4       |
| 0.233250        | 30.60            | ---             | 62.33        | 31.73       | L1   | OFF    | 19.4       |
| 0.501000        | ---              | 26.46           | 46.00        | 19.54       | L1   | OFF    | 19.4       |
| 0.501000        | 29.22            | ---             | 56.00        | 26.78       | L1   | OFF    | 19.4       |
| 0.789000        | ---              | 26.15           | 46.00        | 19.85       | L1   | OFF    | 19.4       |
| 0.789000        | 28.83            | ---             | 56.00        | 27.17       | L1   | OFF    | 19.4       |
| 4.355250        | ---              | 24.48           | 46.00        | 21.52       | L1   | OFF    | 19.6       |
| 4.355250        | 25.65            | ---             | 56.00        | 30.35       | L1   | OFF    | 19.6       |
| 21.239250       | ---              | 25.97           | 50.00        | 24.03       | L1   | OFF    | 20.2       |
| 21.239250       | 27.61            | ---             | 60.00        | 32.39       | L1   | OFF    | 20.2       |
| 28.416750       | ---              | 27.88           | 50.00        | 22.12       | L1   | OFF    | 20.3       |
| 28.416750       | 29.79            | ---             | 60.00        | 30.21       | L1   | OFF    | 20.3       |

## EUT Information

Report NO : 941514-01  
Test Mode : Mode 1  
Test Voltage : 120Vac/60Hz  
Phase : Neutral

Full Spectrum



## Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.159000        | ---              | 29.15           | 55.52        | 26.37       | N    | OFF    | 19.5       |
| 0.159000        | 39.38            | ---             | 65.52        | 26.14       | N    | OFF    | 19.5       |
| 0.235500        | ---              | 28.66           | 52.25        | 23.59       | N    | OFF    | 19.5       |
| 0.235500        | 31.38            | ---             | 62.25        | 30.87       | N    | OFF    | 19.5       |
| 0.498750        | ---              | 27.60           | 46.02        | 18.42       | N    | OFF    | 19.5       |
| 0.498750        | 30.58            | ---             | 56.02        | 25.44       | N    | OFF    | 19.5       |
| 0.795750        | ---              | 28.20           | 46.00        | 17.80       | N    | OFF    | 19.5       |
| 0.795750        | 31.10            | ---             | 56.00        | 24.90       | N    | OFF    | 19.5       |
| 4.776000        | ---              | 24.87           | 46.00        | 21.13       | N    | OFF    | 19.7       |
| 4.776000        | 26.25            | ---             | 56.00        | 29.75       | N    | OFF    | 19.7       |
| 22.656750       | ---              | 27.09           | 50.00        | 22.91       | N    | OFF    | 20.4       |
| 22.656750       | 29.15            | ---             | 60.00        | 30.85       | N    | OFF    | 20.4       |



## Appendix C. Radiated Spurious Emission

|                 |                                   |                     |             |
|-----------------|-----------------------------------|---------------------|-------------|
| Test Engineer : | Bill Kuo, Fu Chen and Troye Hsieh | Temperature :       | 22.1~28.7°C |
|                 |                                   | Relative Humidity : | 50.2~56.7%  |

### Band 1 - 5150~5250MHz

#### WIFI 802.11a (Band Edge @ 3m)

| WIFI Ant.                   | Note | Frequency | Level      | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol.    |
|-----------------------------|------|-----------|------------|------------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|---------|
| 0                           |      | ( MHz )   | ( dBμV/m ) | ( dB )     | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )    | ( dB )        | ( cm )  | ( deg )   | ( P/A )   | ( H/V ) |
| 802.11a<br>CH 36<br>5180MHz |      | 5147.94   | 56.46      | -17.54     | 74         | 47.65      | 31.9           | 10.03     | 33.12         | 229     | 274       | P         | H       |
|                             |      | 5150      | 47.29      | -6.71      | 54         | 38.48      | 31.9           | 10.03     | 33.12         | 229     | 274       | A         | H       |
|                             | *    | 5180      | 112.32     | -          | -          | 103.65     | 31.72          | 10.07     | 33.12         | 229     | 274       | P         | H       |
|                             | *    | 5180      | 104.5      | -          | -          | 95.83      | 31.72          | 10.07     | 33.12         | 229     | 274       | A         | H       |
|                             |      | 5149.5    | 58.48      | -15.52     | 74         | 49.67      | 31.9           | 10.03     | 33.12         | 106     | 273       | P         | V       |
|                             |      | 5150      | 49.63      | -4.37      | 54         | 40.82      | 31.9           | 10.03     | 33.12         | 106     | 273       | A         | V       |
|                             | *    | 5180      | 113.71     | -          | -          | 105.04     | 31.72          | 10.07     | 33.12         | 106     | 273       | P         | V       |
|                             | *    | 5180      | 106.4      | -          | -          | 97.73      | 31.72          | 10.07     | 33.12         | 106     | 273       | A         | V       |
| 802.11a<br>CH 44<br>5220MHz |      | 5127.4    | 55.71      | -18.29     | 74         | 46.97      | 31.85          | 10.01     | 33.12         | 229     | 280       | P         | H       |
|                             |      | 5135.2    | 44.76      | -9.24      | 54         | 35.99      | 31.87          | 10.02     | 33.12         | 229     | 280       | A         | H       |
|                             | *    | 5220      | 112.9      | -          | -          | 104.4      | 31.52          | 10.1      | 33.12         | 229     | 280       | P         | H       |
|                             | *    | 5220      | 105.46     | -          | -          | 96.96      | 31.52          | 10.1      | 33.12         | 229     | 280       | A         | H       |
|                             |      | 5373.36   | 51.99      | -22.01     | 74         | 43.52      | 31.44          | 10.14     | 33.11         | 229     | 280       | P         | H       |
|                             |      | 5350.32   | 41.97      | -12.03     | 54         | 33.64      | 31.3           | 10.14     | 33.11         | 229     | 280       | A         | H       |
|                             |      | 5135.2    | 58.02      | -15.98     | 74         | 49.25      | 31.87          | 10.02     | 33.12         | 100     | 274       | P         | V       |
|                             |      | 5150      | 47.72      | -6.28      | 54         | 38.91      | 31.9           | 10.03     | 33.12         | 100     | 274       | A         | V       |
|                             | *    | 5220      | 115.43     | -          | -          | 106.93     | 31.52          | 10.1      | 33.12         | 100     | 274       | P         | V       |
|                             | *    | 5220      | 108.1      | -          | -          | 99.6       | 31.52          | 10.1      | 33.12         | 100     | 274       | A         | V       |
|                             |      | 5354.88   | 52.63      | -21.37     | 74         | 44.27      | 31.33          | 10.14     | 33.11         | 100     | 274       | P         | V       |
|                             |      | 5350.56   | 43.15      | -10.85     | 54         | 34.82      | 31.3           | 10.14     | 33.11         | 100     | 274       | A         | V       |



| WIFI<br>Ant.<br>0                    | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11a<br/>CH 48<br/>5240MHz</b> |                                                                                             | 5142.22              | 54.54               | -19.46                  | 74                          | 45.75                   | 31.88                         | 10.03                  | 33.12                      | 226                  | 278                     | P                     | H             |
|                                      |                                                                                             | 5135.72              | 44.92               | -9.08                   | 54                          | 36.15                   | 31.87                         | 10.02                  | 33.12                      | 226                  | 278                     | A                     | H             |
|                                      | *                                                                                           | 5240                 | 112.77              | -                       | -                           | 104.35                  | 31.44                         | 10.1                   | 33.12                      | 226                  | 278                     | P                     | H             |
|                                      | *                                                                                           | 5240                 | 105.44              | -                       | -                           | 97.02                   | 31.44                         | 10.1                   | 33.12                      | 226                  | 278                     | A                     | H             |
|                                      |                                                                                             | 5350.32              | 52.16               | -21.84                  | 74                          | 43.83                   | 31.3                          | 10.14                  | 33.11                      | 226                  | 278                     | P                     | H             |
|                                      |                                                                                             | 5359.92              | 42.68               | -11.32                  | 54                          | 34.29                   | 31.36                         | 10.14                  | 33.11                      | 226                  | 278                     | A                     | H             |
|                                      |                                                                                             | 5133.64              | 57.04               | -16.96                  | 74                          | 48.27                   | 31.87                         | 10.02                  | 33.12                      | 100                  | 279                     | P                     | V             |
|                                      |                                                                                             | 5127.92              | 47.18               | -6.82                   | 54                          | 38.43                   | 31.86                         | 10.01                  | 33.12                      | 100                  | 279                     | A                     | V             |
|                                      | *                                                                                           | 5240                 | 115.48              | -                       | -                           | 107.06                  | 31.44                         | 10.1                   | 33.12                      | 100                  | 279                     | P                     | V             |
|                                      | *                                                                                           | 5240                 | 108.05              | -                       | -                           | 99.63                   | 31.44                         | 10.1                   | 33.12                      | 100                  | 279                     | A                     | V             |
|                                      |                                                                                             | 5364.72              | 52.68               | -21.32                  | 74                          | 44.26                   | 31.39                         | 10.14                  | 33.11                      | 100                  | 279                     | P                     | V             |
|                                      |                                                                                             | 5352                 | 43.5                | -10.5                   | 54                          | 35.16                   | 31.31                         | 10.14                  | 33.11                      | 100                  | 279                     | A                     | V             |
| Remark                               | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 1 5150~5250MHz

## WIFI 802.11a (Harmonic @ 3m)

| WIFI<br>Ant.<br>0           | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-----------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br>CH 36<br>5180MHz |                                                                                             | 10360                | 48.86               | -19.34                  | 68.2                        | 53.96                   | 39.54                         | 16.12                  | 60.76                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 15540                | 44.95               | -29.05                  | 74                          | 47.64                   | 38.3                          | 20.56                  | 61.55                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 10360                | 46.58               | -21.62                  | 68.2                        | 51.68                   | 39.54                         | 16.12                  | 60.76                      | 100                  | 0                       | P                     | V             |
|                             |                                                                                             | 15540                | 45.85               | -28.15                  | 74                          | 48.54                   | 38.3                          | 20.56                  | 61.55                      | 100                  | 0                       | P                     | V             |
| 802.11a<br>CH 44<br>5220MHz |                                                                                             | 10440                | 47.6                | -20.6                   | 68.2                        | 52.69                   | 39.7                          | 16.17                  | 60.96                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 15660                | 45.72               | -28.28                  | 74                          | 48.9                    | 37.7                          | 20.53                  | 61.41                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 10440                | 45.68               | -22.52                  | 68.2                        | 50.77                   | 39.7                          | 16.17                  | 60.96                      | 100                  | 0                       | P                     | V             |
|                             |                                                                                             | 15660                | 44.83               | -29.17                  | 74                          | 48.01                   | 37.7                          | 20.53                  | 61.41                      | 100                  | 0                       | P                     | V             |
| 802.11a<br>CH 48<br>5240MHz |                                                                                             | 10480                | 45.11               | -23.09                  | 68.2                        | 50.26                   | 39.7                          | 16.2                   | 61.05                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 15720                | 44.27               | -29.73                  | 74                          | 47.57                   | 37.52                         | 20.52                  | 61.34                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 10480                | 44.57               | -23.63                  | 68.2                        | 49.72                   | 39.7                          | 16.2                   | 61.05                      | 100                  | 0                       | P                     | V             |
|                             |                                                                                             | 15720                | 44.54               | -29.46                  | 74                          | 47.84                   | 37.52                         | 20.52                  | 61.34                      | 100                  | 0                       | P                     | V             |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 1 5150~5250MHz

## WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT20<br>CH 36<br>5180MHz |      | 5148.46              | 57.39               | -16.61                  | 74                          | 48.58                     | 31.9                          | 10.03                  | 33.12                      | 221                  | 288                     | P                       | H               |
|                                     |      | 5150                 | 47.22               | -6.78                   | 54                          | 38.41                     | 31.9                          | 10.03                  | 33.12                      | 221                  | 288                     | A                       | H               |
|                                     | *    | 5180                 | 111.77              | 43.57                   | 68.2                        | 103.1                     | 31.72                         | 10.07                  | 33.12                      | 221                  | 288                     | P                       | H               |
|                                     | *    | 5180                 | 103.64              | 49.64                   | 54                          | 94.97                     | 31.72                         | 10.07                  | 33.12                      | 221                  | 288                     | A                       | H               |
|                                     |      | 5145.86              | 58.53               | -15.47                  | 74                          | 49.73                     | 31.89                         | 10.03                  | 33.12                      | 197                  | 333                     | P                       | V               |
|                                     |      | 5150                 | 48.46               | -5.54                   | 54                          | 39.65                     | 31.9                          | 10.03                  | 33.12                      | 197                  | 333                     | A                       | V               |
|                                     | *    | 5180                 | 112.47              | 44.27                   | 68.2                        | 103.8                     | 31.72                         | 10.07                  | 33.12                      | 197                  | 333                     | P                       | V               |
|                                     | *    | 5180                 | 104.86              | 50.86                   | 54                          | 96.19                     | 31.72                         | 10.07                  | 33.12                      | 197                  | 333                     | A                       | V               |
| 802.11n<br>HT20<br>CH 44<br>5220MHz |      | 5089.18              | 54.98               | -19.02                  | 74                          | 46.37                     | 31.76                         | 9.97                   | 33.12                      | 229                  | 275                     | P                       | H               |
|                                     |      | 5149.76              | 45.26               | -8.74                   | 54                          | 36.45                     | 31.9                          | 10.03                  | 33.12                      | 229                  | 275                     | A                       | H               |
|                                     | *    | 5220                 | 112.56              | -                       | -                           | 104.06                    | 31.52                         | 10.1                   | 33.12                      | 229                  | 275                     | P                       | H               |
|                                     | *    | 5220                 | 105.16              | -                       | -                           | 96.66                     | 31.52                         | 10.1                   | 33.12                      | 229                  | 275                     | A                       | H               |
|                                     |      | 5350.08              | 52.43               | -21.57                  | 74                          | 44.1                      | 31.3                          | 10.14                  | 33.11                      | 229                  | 275                     | P                       | H               |
|                                     |      | 5350.08              | 42.24               | -11.76                  | 54                          | 33.91                     | 31.3                          | 10.14                  | 33.11                      | 229                  | 275                     | A                       | H               |
|                                     |      | 5145.6               | 59.01               | -14.99                  | 74                          | 50.21                     | 31.89                         | 10.03                  | 33.12                      | 109                  | 274                     | P                       | V               |
|                                     |      | 5148.98              | 48.08               | -5.92                   | 54                          | 39.27                     | 31.9                          | 10.03                  | 33.12                      | 109                  | 274                     | A                       | V               |
|                                     | *    | 5220                 | 115.21              | -                       | -                           | 106.71                    | 31.52                         | 10.1                   | 33.12                      | 109                  | 274                     | P                       | V               |
|                                     | *    | 5220                 | 107.99              | -                       | -                           | 99.49                     | 31.52                         | 10.1                   | 33.12                      | 109                  | 274                     | A                       | V               |
|                                     |      | 5356.08              | 50.79               | -23.21                  | 74                          | 42.42                     | 31.34                         | 10.14                  | 33.11                      | 109                  | 274                     | P                       | V               |
|                                     |      | 5350.32              | 42.88               | -11.12                  | 54                          | 34.55                     | 31.3                          | 10.14                  | 33.11                      | 109                  | 274                     | A                       | V               |



| WIFI<br>Ant.<br>0                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11n<br>HT20<br>CH 48<br>5240MHz |                                                                                             | 5138.84              | 55.15               | -18.85                  | 74                          | 46.37                   | 31.88                         | 10.02                  | 33.12                      | 223                  | 274                     | P                     | H             |
|                                     |                                                                                             | 5128.44              | 44.9                | -9.1                    | 54                          | 36.15                   | 31.86                         | 10.01                  | 33.12                      | 223                  | 274                     | A                     | H             |
|                                     | *                                                                                           | 5240                 | 112.49              | -                       | -                           | 104.07                  | 31.44                         | 10.1                   | 33.12                      | 223                  | 274                     | P                     | H             |
|                                     | *                                                                                           | 5240                 | 105.16              | -                       | -                           | 96.74                   | 31.44                         | 10.1                   | 33.12                      | 223                  | 274                     | A                     | H             |
|                                     |                                                                                             | 5366.88              | 52.72               | -21.28                  | 74                          | 44.29                   | 31.4                          | 10.14                  | 33.11                      | 223                  | 274                     | P                     | H             |
|                                     |                                                                                             | 5351.52              | 42.74               | -11.26                  | 54                          | 34.4                    | 31.31                         | 10.14                  | 33.11                      | 223                  | 274                     | A                     | H             |
|                                     |                                                                                             | 5137.54              | 58.6                | -15.4                   | 74                          | 49.82                   | 31.88                         | 10.02                  | 33.12                      | 109                  | 271                     | P                     | V             |
|                                     |                                                                                             | 5149.5               | 47.28               | -6.72                   | 54                          | 38.47                   | 31.9                          | 10.03                  | 33.12                      | 109                  | 271                     | A                     | V             |
|                                     | *                                                                                           | 5240                 | 114.95              | -                       | -                           | 106.53                  | 31.44                         | 10.1                   | 33.12                      | 109                  | 271                     | P                     | V             |
|                                     | *                                                                                           | 5240                 | 107.63              | -                       | -                           | 99.21                   | 31.44                         | 10.1                   | 33.12                      | 109                  | 271                     | A                     | V             |
|                                     |                                                                                             | 5396.64              | 53.07               | -20.93                  | 74                          | 44.45                   | 31.58                         | 10.15                  | 33.11                      | 109                  | 271                     | P                     | V             |
|                                     |                                                                                             | 5351.28              | 43.51               | -10.49                  | 54                          | 35.17                   | 31.31                         | 10.14                  | 33.11                      | 109                  | 271                     | A                     | V             |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11n<br>HT20<br>CH 36<br>5180MHz |                                                                                             | 10360                | 47.73               | -20.47                  | 68.2                        | 52.83                   | 39.54                         | 16.12                  | 60.76                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 15540                | 45.2                | -28.8                   | 74                          | 47.89                   | 38.3                          | 20.56                  | 61.55                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 10360                | 45.51               | -22.69                  | 68.2                        | 50.61                   | 39.54                         | 16.12                  | 60.76                      | 100                  | 0                       | P                     | V             |
|                                     |                                                                                             | 15540                | 44.32               | -29.68                  | 74                          | 47.01                   | 38.3                          | 20.56                  | 61.55                      | 100                  | 0                       | P                     | V             |
| 802.11n<br>HT20<br>CH 44<br>5220MHz |                                                                                             | 10440                | 46.62               | -21.58                  | 68.2                        | 51.71                   | 39.7                          | 16.17                  | 60.96                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 15660                | 45.26               | -28.74                  | 74                          | 48.44                   | 37.7                          | 20.53                  | 61.41                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 10440                | 45.61               | -22.59                  | 68.2                        | 50.7                    | 39.7                          | 16.17                  | 60.96                      | 100                  | 0                       | P                     | V             |
|                                     |                                                                                             | 15660                | 44.73               | -29.27                  | 74                          | 47.91                   | 37.7                          | 20.53                  | 61.41                      | 100                  | 0                       | P                     | V             |
| 802.11n<br>HT20<br>CH 48<br>5240MHz |                                                                                             | 10480                | 45.61               | -22.59                  | 68.2                        | 50.76                   | 39.7                          | 16.2                   | 61.05                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 15720                | 44.01               | -29.99                  | 74                          | 47.31                   | 37.52                         | 20.52                  | 61.34                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 10480                | 44.62               | -23.58                  | 68.2                        | 49.77                   | 39.7                          | 16.2                   | 61.05                      | 100                  | 0                       | P                     | V             |
|                                     |                                                                                             | 15720                | 44.3                | -29.7                   | 74                          | 47.6                    | 37.52                         | 20.52                  | 61.34                      | 100                  | 0                       | P                     | V             |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 1 5150~5250MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT40<br>CH 38<br>5190MHz |                                                                                             | 5149.24              | 56.74               | -17.26                  | 74                          | 47.93                     | 31.9                          | 10.03                  | 33.12                      | 227                  | 276                     | P                       | H               |
|                                     |                                                                                             | 5150                 | 47.8                | -6.2                    | 54                          | 38.99                     | 31.9                          | 10.03                  | 33.12                      | 227                  | 276                     | A                       | H               |
|                                     | *                                                                                           | 5190                 | 104.91              | -                       | -                           | 96.29                     | 31.66                         | 10.08                  | 33.12                      | 227                  | 276                     | P                       | H               |
|                                     | *                                                                                           | 5190                 | 96.58               | -                       | -                           | 87.96                     | 31.66                         | 10.08                  | 33.12                      | 227                  | 276                     | A                       | H               |
|                                     |                                                                                             | 5446                 | 49.36               | -24.64                  | 74                          | 40.56                     | 31.69                         | 10.22                  | 33.11                      | 227                  | 276                     | P                       | H               |
|                                     |                                                                                             | 5460                 | 39.8                | -14.2                   | 54                          | 30.93                     | 31.74                         | 10.24                  | 33.11                      | 227                  | 276                     | A                       | H               |
|                                     |                                                                                             | 5149.24              | 61.12               | -12.88                  | 74                          | 52.31                     | 31.9                          | 10.03                  | 33.12                      | 100                  | 281                     | P                       | V               |
|                                     |                                                                                             | 5150                 | 50.74               | -3.26                   | 54                          | 41.93                     | 31.9                          | 10.03                  | 33.12                      | 100                  | 281                     | A                       | V               |
|                                     | *                                                                                           | 5190                 | 107.02              | -                       | -                           | 98.4                      | 31.66                         | 10.08                  | 33.12                      | 100                  | 281                     | P                       | V               |
|                                     | *                                                                                           | 5190                 | 99.39               | -                       | -                           | 90.77                     | 31.66                         | 10.08                  | 33.12                      | 100                  | 281                     | A                       | V               |
|                                     |                                                                                             | 5360.6               | 50.66               | -23.34                  | 74                          | 42.27                     | 31.36                         | 10.14                  | 33.11                      | 100                  | 281                     | P                       | V               |
|                                     |                                                                                             | 5355.84              | 40.36               | -13.64                  | 54                          | 31.99                     | 31.34                         | 10.14                  | 33.11                      | 100                  | 281                     | A                       | V               |
| 802.11n<br>HT40<br>CH 46<br>5230MHz |                                                                                             | 5135.46              | 56.02               | -17.98                  | 74                          | 47.25                     | 31.87                         | 10.02                  | 33.12                      | 218                  | 274                     | P                       | H               |
|                                     |                                                                                             | 5150                 | 46.12               | -7.88                   | 54                          | 37.31                     | 31.9                          | 10.03                  | 33.12                      | 218                  | 274                     | A                       | H               |
|                                     | *                                                                                           | 5230                 | 109.8               | -                       | -                           | 101.34                    | 31.48                         | 10.1                   | 33.12                      | 218                  | 274                     | P                       | H               |
|                                     | *                                                                                           | 5230                 | 101.98              | -                       | -                           | 93.52                     | 31.48                         | 10.1                   | 33.12                      | 218                  | 274                     | A                       | H               |
|                                     |                                                                                             | 5366.4               | 52.03               | -21.97                  | 74                          | 43.6                      | 31.4                          | 10.14                  | 33.11                      | 218                  | 274                     | P                       | H               |
|                                     |                                                                                             | 5350.32              | 42.48               | -11.52                  | 54                          | 34.15                     | 31.3                          | 10.14                  | 33.11                      | 218                  | 274                     | A                       | H               |
|                                     |                                                                                             | 5140.14              | 60.07               | -13.93                  | 74                          | 51.29                     | 31.88                         | 10.02                  | 33.12                      | 100                  | 278                     | P                       | V               |
|                                     |                                                                                             | 5150                 | 49.58               | -4.42                   | 54                          | 40.77                     | 31.9                          | 10.03                  | 33.12                      | 100                  | 278                     | A                       | V               |
|                                     | *                                                                                           | 5230                 | 112.62              | -                       | -                           | 104.16                    | 31.48                         | 10.1                   | 33.12                      | 100                  | 278                     | P                       | V               |
|                                     | *                                                                                           | 5230                 | 104.79              | -                       | -                           | 96.33                     | 31.48                         | 10.1                   | 33.12                      | 100                  | 278                     | A                       | V               |
|                                     |                                                                                             | 5352                 | 55.1                | -18.9                   | 74                          | 46.76                     | 31.31                         | 10.14                  | 33.11                      | 100                  | 278                     | P                       | V               |
|                                     |                                                                                             | 5350.08              | 43.6                | -10.4                   | 54                          | 35.27                     | 31.3                          | 10.14                  | 33.11                      | 100                  | 278                     | A                       | V               |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11n<br>HT40<br>CH 38<br>5190MHz |                                                                                             | 10380                | 43.18               | -25.02                  | 68.2                        | 46.72                   | 39.62                         | 16.14                  | 59.3                       | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 15570                | 43.47               | -30.53                  | 74                          | 44.71                   | 38.15                         | 20.55                  | 59.94                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 10380                | 43.31               | -24.89                  | 68.2                        | 46.85                   | 39.62                         | 16.14                  | 59.3                       | 100                  | 0                       | P                     | V             |
|                                     |                                                                                             | 15570                | 42.51               | -31.49                  | 74                          | 43.75                   | 38.15                         | 20.55                  | 59.94                      | 100                  | 0                       | P                     | V             |
| 802.11n<br>HT40<br>CH 46<br>5230MHz |                                                                                             | 10460                | 45.02               | -23.18                  | 68.2                        | 50.13                   | 39.7                          | 16.19                  | 61                         | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 15690                | 45.36               | -28.64                  | 74                          | 48.65                   | 37.55                         | 20.53                  | 61.37                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 10460                | 45.73               | -22.47                  | 68.2                        | 50.84                   | 39.7                          | 16.19                  | 61                         | 100                  | 0                       | P                     | V             |
|                                     |                                                                                             | 15690                | 45.65               | -28.35                  | 74                          | 48.94                   | 37.55                         | 20.53                  | 61.37                      | 100                  | 0                       | P                     | V             |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 1 5150~5250MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0                     | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ac<br>VHT80<br>CH 42<br>5210MHz |                                                                                             | 5147.94              | 59.25               | -14.75                  | 74                          | 50.44                   | 31.9                          | 10.03                  | 33.12                      | 228                  | 270                     | P                     | H             |
|                                       |                                                                                             | 5150                 | 48.88               | -5.12                   | 54                          | 40.07                   | 31.9                          | 10.03                  | 33.12                      | 228                  | 270                     | A                     | H             |
|                                       | *                                                                                           | 5210                 | 99.49               | -                       | -                           | 90.96                   | 31.56                         | 10.09                  | 33.12                      | 228                  | 270                     | P                     | H             |
|                                       | *                                                                                           | 5210                 | 91.66               | -                       | -                           | 83.13                   | 31.56                         | 10.09                  | 33.12                      | 228                  | 270                     | A                     | H             |
|                                       |                                                                                             | 5459.74              | 50.02               | -23.98                  | 74                          | 41.15                   | 31.74                         | 10.24                  | 33.11                      | 228                  | 270                     | P                     | H             |
|                                       |                                                                                             | 5460                 | 39.5                | -14.5                   | 54                          | 30.63                   | 31.74                         | 10.24                  | 33.11                      | 228                  | 270                     | A                     | H             |
|                                       |                                                                                             | 5145.86              | 61.76               | -12.24                  | 74                          | 52.96                   | 31.89                         | 10.03                  | 33.12                      | 100                  | 275                     | P                     | V             |
|                                       |                                                                                             | 5150                 | 50.93               | -3.07                   | 54                          | 42.12                   | 31.9                          | 10.03                  | 33.12                      | 100                  | 275                     | A                     | V             |
|                                       | *                                                                                           | 5210                 | 100.94              | -                       | -                           | 92.41                   | 31.56                         | 10.09                  | 33.12                      | 100                  | 275                     | P                     | V             |
|                                       | *                                                                                           | 5210                 | 93.23               | -                       | -                           | 84.7                    | 31.56                         | 10.09                  | 33.12                      | 100                  | 275                     | A                     | V             |
|                                       |                                                                                             | 5452.46              | 50.38               | -23.62                  | 74                          | 41.55                   | 31.71                         | 10.23                  | 33.11                      | 100                  | 275                     | P                     | V             |
|                                       |                                                                                             | 5350.02              | 39.59               | -14.41                  | 54                          | 31.26                   | 31.3                          | 10.14                  | 33.11                      | 100                  | 275                     | A                     | V             |
| Remark                                | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |

**Band 1 5150~5250MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ac          |                                                                                             | 10420                | 43.78               | -24.42                  | 68.2                        | 48.83                   | 39.7                          | 16.16                  | 60.91                      | 100                  | 0                       | P                     | H             |
| VHT80             |                                                                                             | 15630                | 43.95               | -30.05                  | 74                          | 47                      | 37.85                         | 20.54                  | 61.44                      | 100                  | 0                       | P                     | H             |
| CH 42             |                                                                                             | 10420                | 43.81               | -24.39                  | 68.2                        | 48.86                   | 39.7                          | 16.16                  | 60.91                      | 100                  | 0                       | P                     | V             |
| 5210MHz           |                                                                                             | 15630                | 44.23               | -29.77                  | 74                          | 47.28                   | 37.85                         | 20.54                  | 61.44                      | 100                  | 0                       | P                     | V             |
| Remark            | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 2 - 5250~5350MHz

## WIFI 802.11a (Band Edge @ 3m)

| WIFI                        | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|-----------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                        |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 0                           |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11a<br>CH 52<br>5260MHz |      | 5144.84   | 53.86      | -20.14 | 74         | 45.06    | 31.89    | 10.03  | 33.12  | 223    | 267     | P       | H       |
|                             |      | 5140.08   | 44.65      | -9.35  | 54         | 35.87    | 31.88    | 10.02  | 33.12  | 223    | 267     | A       | H       |
|                             | *    | 5260      | 113.07     | -      | -          | 104.69   | 31.38    | 10.11  | 33.11  | 223    | 267     | P       | H       |
|                             | *    | 5260      | 105.72     | -      | -          | 97.34    | 31.38    | 10.11  | 33.11  | 223    | 267     | A       | H       |
|                             |      | 5365.92   | 53.81      | -20.19 | 74         | 45.38    | 31.4     | 10.14  | 33.11  | 223    | 267     | P       | H       |
|                             |      | 5350.56   | 43.61      | -10.39 | 54         | 35.28    | 31.3     | 10.14  | 33.11  | 223    | 267     | A       | H       |
|                             |      | 5142.8    | 56.95      | -17.05 | 74         | 48.15    | 31.89    | 10.03  | 33.12  | 103    | 267     | P       | V       |
|                             |      | 5147.9    | 47.4       | -6.6   | 54         | 38.59    | 31.9     | 10.03  | 33.12  | 103    | 267     | A       | V       |
|                             | *    | 5260      | 116.07     | -      | -          | 107.69   | 31.38    | 10.11  | 33.11  | 103    | 267     | P       | V       |
|                             | *    | 5260      | 108.43     | -      | -          | 100.05   | 31.38    | 10.11  | 33.11  | 103    | 267     | A       | V       |
|                             |      | 5352      | 56.31      | -17.69 | 74         | 47.97    | 31.31    | 10.14  | 33.11  | 103    | 267     | P       | V       |
|                             |      | 5350.8    | 45.37      | -8.63  | 54         | 37.04    | 31.3     | 10.14  | 33.11  | 103    | 267     | A       | V       |
| 802.11a<br>CH 60<br>5300MHz |      | 5089.08   | 53.23      | -20.77 | 74         | 44.62    | 31.76    | 9.97   | 33.12  | 233    | 274     | P       | H       |
|                             |      | 5149.6    | 43.57      | -10.43 | 54         | 34.76    | 31.9     | 10.03  | 33.12  | 233    | 274     | A       | H       |
|                             | *    | 5300      | 112.14     | -      | -          | 103.83   | 31.3     | 10.12  | 33.11  | 233    | 274     | P       | H       |
|                             | *    | 5300      | 104.67     | -      | -          | 96.36    | 31.3     | 10.12  | 33.11  | 233    | 274     | A       | H       |
|                             |      | 5380.08   | 54         | -20    | 74         | 45.49    | 31.48    | 10.14  | 33.11  | 233    | 274     | P       | H       |
|                             |      | 5350.32   | 44.89      | -9.11  | 54         | 36.56    | 31.3     | 10.14  | 33.11  | 233    | 274     | A       | H       |
|                             |      | 5128.86   | 55.11      | -18.89 | 74         | 46.36    | 31.86    | 10.01  | 33.12  | 105    | 276     | P       | V       |
|                             |      | 5148.58   | 46.01      | -7.99  | 54         | 37.2     | 31.9     | 10.03  | 33.12  | 105    | 276     | A       | V       |
|                             | *    | 5300      | 114.51     | -      | -          | 106.2    | 31.3     | 10.12  | 33.11  | 105    | 276     | P       | V       |
|                             | *    | 5300      | 107.33     | -      | -          | 99.02    | 31.3     | 10.12  | 33.11  | 105    | 276     | A       | V       |
|                             |      | 5352.48   | 55.71      | -18.29 | 74         | 47.37    | 31.31    | 10.14  | 33.11  | 105    | 276     | P       | V       |
|                             |      | 5350.56   | 46.56      | -7.44  | 54         | 38.23    | 31.3     | 10.14  | 33.11  | 105    | 276     | A       | V       |



| WIFI<br>Ant.<br>0                    | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11a<br/>CH 64<br/>5320MHz</b> | *                                                                                           | 5320                 | 111.62              | -                       | -                           | 103.3                   | 31.3                          | 10.13                  | 33.11                      | 225                  | 271                     | P                     | H             |
|                                      | *                                                                                           | 5320                 | 104.04              | -                       | -                           | 95.72                   | 31.3                          | 10.13                  | 33.11                      | 225                  | 271                     | A                     | H             |
|                                      |                                                                                             | 5351.2               | 54.11               | -19.89                  | 74                          | 45.77                   | 31.31                         | 10.14                  | 33.11                      | 225                  | 271                     | P                     | H             |
|                                      |                                                                                             | 5350.08              | 45.79               | -8.21                   | 54                          | 37.46                   | 31.3                          | 10.14                  | 33.11                      | 225                  | 271                     | A                     | H             |
|                                      | *                                                                                           | 5320                 | 113.84              | -                       | -                           | 105.52                  | 31.3                          | 10.13                  | 33.11                      | 100                  | 270                     | P                     | V             |
|                                      | *                                                                                           | 5320                 | 105.98              | -                       | -                           | 97.66                   | 31.3                          | 10.13                  | 33.11                      | 100                  | 270                     | A                     | V             |
|                                      |                                                                                             | 5356.8               | 56.2                | -17.8                   | 74                          | 47.83                   | 31.34                         | 10.14                  | 33.11                      | 100                  | 270                     | P                     | V             |
|                                      |                                                                                             | 5350.08              | 47.53               | -6.47                   | 54                          | 39.2                    | 31.3                          | 10.14                  | 33.11                      | 100                  | 270                     | A                     | V             |
| <b>Remark</b>                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 2 5250~5350MHz

## WIFI 802.11a (Harmonic @ 3m)

| WIFI<br>Ant.<br>0           | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-----------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br>CH 52<br>5260MHz |                                                                                             | 10520                | 43.94               | -24.26                  | 68.2                        | 49.14                   | 39.7                          | 16.22                  | 61.12                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 15780                | 44.43               | -29.57                  | 74                          | 47.6                    | 37.58                         | 20.51                  | 61.26                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 10520                | 43.88               | -24.32                  | 68.2                        | 49.08                   | 39.7                          | 16.22                  | 61.12                      | 100                  | 0                       | P                     | V             |
|                             |                                                                                             | 15780                | 44.8                | -29.2                   | 74                          | 47.97                   | 37.58                         | 20.51                  | 61.26                      | 100                  | 0                       | P                     | V             |
| 802.11a<br>CH 60<br>5300MHz |                                                                                             | 10600                | 43.1                | -30.9                   | 74                          | 48.35                   | 39.7                          | 16.27                  | 61.22                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 15900                | 43.82               | -30.18                  | 74                          | 47.26                   | 37.2                          | 20.48                  | 61.12                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 10600                | 43.69               | -30.31                  | 74                          | 48.94                   | 39.7                          | 16.27                  | 61.22                      | 100                  | 0                       | P                     | V             |
|                             |                                                                                             | 15900                | 43.35               | -30.65                  | 74                          | 46.79                   | 37.2                          | 20.48                  | 61.12                      | 100                  | 0                       | P                     | V             |
| 802.11a<br>CH 64<br>5320MHz |                                                                                             | 10640                | 43.7                | -30.3                   | 74                          | 49.01                   | 39.66                         | 16.3                   | 61.27                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 15960                | 42.74               | -31.26                  | 74                          | 46.3                    | 37.02                         | 20.47                  | 61.05                      | 100                  | 0                       | P                     | H             |
|                             |                                                                                             | 10640                | 44.58               | -29.42                  | 74                          | 49.89                   | 39.66                         | 16.3                   | 61.27                      | 100                  | 0                       | P                     | V             |
|                             |                                                                                             | 15960                | 43.79               | -30.21                  | 74                          | 47.35                   | 37.02                         | 20.47                  | 61.05                      | 100                  | 0                       | P                     | V             |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 2 5250~5350MHz

## WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT20<br>CH 52<br>5260MHz |      | 5138.38              | 55.37               | -18.63                  | 74                          | 46.59                     | 31.88                         | 10.02                  | 33.12                      | 241                  | 269                     | P                       | H               |
|                                     |      | 5148.24              | 44.67               | -9.33                   | 54                          | 35.86                     | 31.9                          | 10.03                  | 33.12                      | 241                  | 269                     | A                       | H               |
|                                     | *    | 5260                 | 113.05              | -                       | -                           | 104.67                    | 31.38                         | 10.11                  | 33.11                      | 241                  | 269                     | P                       | H               |
|                                     | *    | 5260                 | 105.01              | -                       | -                           | 96.63                     | 31.38                         | 10.11                  | 33.11                      | 241                  | 269                     | A                       | H               |
|                                     |      | 5361.6               | 52.5                | -21.5                   | 74                          | 44.1                      | 31.37                         | 10.14                  | 33.11                      | 241                  | 269                     | P                       | H               |
|                                     |      | 5350.32              | 43.13               | -10.87                  | 54                          | 34.8                      | 31.3                          | 10.14                  | 33.11                      | 241                  | 269                     | A                       | H               |
|                                     |      | 5141.78              | 56.48               | -17.52                  | 74                          | 47.69                     | 31.88                         | 10.03                  | 33.12                      | 103                  | 276                     | P                       | V               |
|                                     |      | 5148.58              | 47.34               | -6.66                   | 54                          | 38.53                     | 31.9                          | 10.03                  | 33.12                      | 103                  | 276                     | A                       | V               |
|                                     | *    | 5260                 | 115.27              | -                       | -                           | 106.89                    | 31.38                         | 10.11                  | 33.11                      | 103                  | 276                     | P                       | V               |
|                                     | *    | 5260                 | 107.6               | -                       | -                           | 99.22                     | 31.38                         | 10.11                  | 33.11                      | 103                  | 276                     | A                       | V               |
|                                     |      | 5356.32              | 55.41               | -18.59                  | 74                          | 47.04                     | 31.34                         | 10.14                  | 33.11                      | 103                  | 276                     | P                       | V               |
|                                     |      | 5350.32              | 45.59               | -8.41                   | 54                          | 37.26                     | 31.3                          | 10.14                  | 33.11                      | 103                  | 276                     | A                       | V               |
| 802.11n<br>HT20<br>CH 60<br>5300MHz |      | 5089.08              | 52.67               | -21.33                  | 74                          | 44.06                     | 31.76                         | 9.97                   | 33.12                      | 222                  | 276                     | P                       | H               |
|                                     |      | 5149.26              | 43.59               | -10.41                  | 54                          | 34.78                     | 31.9                          | 10.03                  | 33.12                      | 222                  | 276                     | A                       | H               |
|                                     | *    | 5300                 | 112.56              | -                       | -                           | 104.25                    | 31.3                          | 10.12                  | 33.11                      | 222                  | 276                     | P                       | H               |
|                                     | *    | 5300                 | 105.13              | -                       | -                           | 96.82                     | 31.3                          | 10.12                  | 33.11                      | 222                  | 276                     | A                       | H               |
|                                     |      | 5360.64              | 53.99               | -20.01                  | 74                          | 45.6                      | 31.36                         | 10.14                  | 33.11                      | 222                  | 276                     | P                       | H               |
|                                     |      | 5351.04              | 45.43               | -8.57                   | 54                          | 37.09                     | 31.31                         | 10.14                  | 33.11                      | 222                  | 276                     | A                       | H               |
|                                     |      | 5120.7               | 55.07               | -18.93                  | 74                          | 46.35                     | 31.84                         | 10                     | 33.12                      | 100                  | 276                     | P                       | V               |
|                                     |      | 5149.94              | 46.04               | -7.96                   | 54                          | 37.23                     | 31.9                          | 10.03                  | 33.12                      | 100                  | 276                     | A                       | V               |
|                                     | *    | 5300                 | 114.59              | -                       | -                           | 106.28                    | 31.3                          | 10.12                  | 33.11                      | 100                  | 276                     | P                       | V               |
|                                     | *    | 5300                 | 107.47              | -                       | -                           | 99.16                     | 31.3                          | 10.12                  | 33.11                      | 100                  | 276                     | A                       | V               |
|                                     |      | 5352.72              | 55.89               | -18.11                  | 74                          | 47.54                     | 31.32                         | 10.14                  | 33.11                      | 100                  | 276                     | P                       | V               |
|                                     |      | 5351.28              | 47.04               | -6.96                   | 54                          | 38.7                      | 31.31                         | 10.14                  | 33.11                      | 100                  | 276                     | A                       | V               |



| WIFI<br>Ant.<br>0                             | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-----------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11n<br/>HT20<br/>CH 64<br/>5320MHz</b> | *                                                                                           | 5320                 | 111.37              | -                       | -                           | 103.05                  | 31.3                          | 10.13                  | 33.11                      | 223                  | 272                     | P                     | H             |
|                                               | *                                                                                           | 5320                 | 104.09              | -                       | -                           | 95.77                   | 31.3                          | 10.13                  | 33.11                      | 223                  | 272                     | A                     | H             |
|                                               |                                                                                             | 5350.56              | 56.93               | -17.07                  | 74                          | 48.6                    | 31.3                          | 10.14                  | 33.11                      | 223                  | 272                     | P                     | H             |
|                                               |                                                                                             | 5350.08              | 47.37               | -6.63                   | 54                          | 39.04                   | 31.3                          | 10.14                  | 33.11                      | 223                  | 272                     | A                     | H             |
|                                               | *                                                                                           | 5320                 | 113.32              | -                       | -                           | 105                     | 31.3                          | 10.13                  | 33.11                      | 100                  | 271                     | P                     | V             |
|                                               | *                                                                                           | 5320                 | 105.97              | -                       | -                           | 97.65                   | 31.3                          | 10.13                  | 33.11                      | 100                  | 271                     | A                     | V             |
|                                               |                                                                                             | 5350.24              | 59.31               | -14.69                  | 74                          | 50.98                   | 31.3                          | 10.14                  | 33.11                      | 100                  | 271                     | P                     | V             |
|                                               |                                                                                             | 5350.08              | 49.1                | -4.9                    | 54                          | 40.77                   | 31.3                          | 10.14                  | 33.11                      | 100                  | 271                     | A                     | V             |
| <b>Remark</b>                                 | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 2 5250~5350MHz

## WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI<br>Ant.<br>0 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11n           |                                                                                             | 10520                | 44.39               | -23.81                  | 68.2                        | 49.59                   | 39.7                          | 16.22                  | 61.12                      | 100                  | 0                       | P                     | H             |
| HT20              |                                                                                             | 15780                | 44.11               | -29.89                  | 74                          | 47.28                   | 37.58                         | 20.51                  | 61.26                      | 100                  | 0                       | P                     | H             |
| CH 52             |                                                                                             | 10520                | 45.48               | -22.72                  | 68.2                        | 50.68                   | 39.7                          | 16.22                  | 61.12                      | 100                  | 0                       | P                     | V             |
| 5260MHz           |                                                                                             | 15780                | 44.52               | -29.48                  | 74                          | 47.69                   | 37.58                         | 20.51                  | 61.26                      | 100                  | 0                       | P                     | V             |
| 802.11n           |                                                                                             | 10600                | 44.19               | -29.81                  | 74                          | 49.44                   | 39.7                          | 16.27                  | 61.22                      | 100                  | 0                       | P                     | H             |
| HT20              |                                                                                             | 15900                | 44.51               | -29.49                  | 74                          | 47.95                   | 37.2                          | 20.48                  | 61.12                      | 100                  | 0                       | P                     | H             |
| CH 60             |                                                                                             | 10600                | 43.85               | -30.15                  | 74                          | 49.1                    | 39.7                          | 16.27                  | 61.22                      | 100                  | 0                       | P                     | V             |
| 5300MHz           |                                                                                             | 15900                | 43.68               | -30.32                  | 74                          | 47.12                   | 37.2                          | 20.48                  | 61.12                      | 100                  | 0                       | P                     | V             |
| 802.11n           |                                                                                             | 10640                | 43.22               | -30.78                  | 74                          | 48.53                   | 39.66                         | 16.3                   | 61.27                      | 100                  | 0                       | P                     | H             |
| HT20              |                                                                                             | 15960                | 43.49               | -30.51                  | 74                          | 47.05                   | 37.02                         | 20.47                  | 61.05                      | 100                  | 0                       | P                     | H             |
| CH 64             |                                                                                             | 10640                | 43.57               | -30.43                  | 74                          | 48.88                   | 39.66                         | 16.3                   | 61.27                      | 100                  | 0                       | P                     | V             |
| 5320MHz           |                                                                                             | 15960                | 42.63               | -31.37                  | 74                          | 46.19                   | 37.02                         | 20.47                  | 61.05                      | 100                  | 0                       | P                     | V             |
| Remark            | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 2 5250~5350MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT40<br>CH 54<br>5270MHz |                                                                                             | 5127.84              | 52.88               | -21.12                  | 74                          | 44.13                     | 31.86                         | 10.01                  | 33.12                      | 222                  | 271                     | P                       | H               |
|                                     |                                                                                             | 5149.94              | 44.15               | -9.85                   | 54                          | 35.34                     | 31.9                          | 10.03                  | 33.12                      | 222                  | 271                     | A                       | H               |
|                                     | *                                                                                           | 5270                 | 110.66              | -                       | -                           | 102.3                     | 31.36                         | 10.11                  | 33.11                      | 222                  | 271                     | P                       | H               |
|                                     | *                                                                                           | 5270                 | 102.8               | -                       | -                           | 94.44                     | 31.36                         | 10.11                  | 33.11                      | 222                  | 271                     | A                       | H               |
|                                     |                                                                                             | 5352                 | 55.63               | -18.37                  | 74                          | 47.29                     | 31.31                         | 10.14                  | 33.11                      | 222                  | 271                     | P                       | H               |
|                                     |                                                                                             | 5350.32              | 45.04               | -8.96                   | 54                          | 36.71                     | 31.3                          | 10.14                  | 33.11                      | 222                  | 271                     | A                       | H               |
|                                     |                                                                                             | 5148.24              | 56.11               | -17.89                  | 74                          | 47.3                      | 31.9                          | 10.03                  | 33.12                      | 105                  | 268                     | P                       | V               |
|                                     |                                                                                             | 5146.54              | 46.58               | -7.42                   | 54                          | 37.78                     | 31.89                         | 10.03                  | 33.12                      | 105                  | 268                     | A                       | V               |
|                                     | *                                                                                           | 5270                 | 113.49              | -                       | -                           | 105.13                    | 31.36                         | 10.11                  | 33.11                      | 105                  | 268                     | P                       | V               |
|                                     | *                                                                                           | 5270                 | 105.03              | -                       | -                           | 96.67                     | 31.36                         | 10.11                  | 33.11                      | 105                  | 268                     | A                       | V               |
|                                     |                                                                                             | 5354.16              | 55.51               | -18.49                  | 74                          | 47.16                     | 31.32                         | 10.14                  | 33.11                      | 105                  | 268                     | P                       | V               |
|                                     |                                                                                             | 5350.32              | 46.72               | -7.28                   | 54                          | 38.39                     | 31.3                          | 10.14                  | 33.11                      | 105                  | 268                     | A                       | V               |
| 802.11n<br>HT40<br>CH 62<br>5310MHz |                                                                                             | 5115.94              | 52.12               | -21.88                  | 74                          | 43.41                     | 31.83                         | 10                     | 33.12                      | 224                  | 278                     | P                       | H               |
|                                     |                                                                                             | 5143.48              | 42.14               | -11.86                  | 54                          | 33.34                     | 31.89                         | 10.03                  | 33.12                      | 224                  | 278                     | A                       | H               |
|                                     | *                                                                                           | 5310                 | 105.9               | -                       | -                           | 97.59                     | 31.3                          | 10.12                  | 33.11                      | 224                  | 278                     | P                       | H               |
|                                     | *                                                                                           | 5310                 | 98.03               | -                       | -                           | 89.72                     | 31.3                          | 10.12                  | 33.11                      | 224                  | 278                     | A                       | H               |
|                                     |                                                                                             | 5350.32              | 58.35               | -15.65                  | 74                          | 50.02                     | 31.3                          | 10.14                  | 33.11                      | 224                  | 278                     | P                       | H               |
|                                     |                                                                                             | 5350.08              | 48.19               | -5.81                   | 54                          | 39.86                     | 31.3                          | 10.14                  | 33.11                      | 224                  | 278                     | A                       | H               |
|                                     |                                                                                             | 5092.14              | 52.29               | -21.71                  | 74                          | 43.67                     | 31.77                         | 9.97                   | 33.12                      | 100                  | 271                     | P                       | V               |
|                                     |                                                                                             | 5138.72              | 43.47               | -10.53                  | 54                          | 34.69                     | 31.88                         | 10.02                  | 33.12                      | 100                  | 271                     | A                       | V               |
|                                     | *                                                                                           | 5310                 | 107.54              | -                       | -                           | 99.23                     | 31.3                          | 10.12                  | 33.11                      | 100                  | 271                     | P                       | V               |
|                                     | *                                                                                           | 5310                 | 99.76               | -                       | -                           | 91.45                     | 31.3                          | 10.12                  | 33.11                      | 100                  | 271                     | A                       | V               |
|                                     |                                                                                             | 5350.08              | 58.89               | -15.11                  | 74                          | 50.56                     | 31.3                          | 10.14                  | 33.11                      | 100                  | 271                     | P                       | V               |
|                                     |                                                                                             | 5350.08              | 49.37               | -4.63                   | 54                          | 41.04                     | 31.3                          | 10.14                  | 33.11                      | 100                  | 271                     | A                       | V               |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Band 2 5250~5350MHz

## WIFI 802.11n HT40 (Harmonic @ 3m)

| WIFI<br>Ant.<br>0                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11n<br>HT40<br>CH 54<br>5270MHz |                                                                                             | 10540                | 42.72               | -25.48                  | 68.2                        | 47.94                   | 39.7                          | 16.23                  | 61.15                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 15810                | 43.98               | -30.02                  | 74                          | 47.15                   | 37.56                         | 20.5                   | 61.23                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 10540                | 43.24               | -24.96                  | 68.2                        | 48.46                   | 39.7                          | 16.23                  | 61.15                      | 100                  | 0                       | P                     | V             |
|                                     |                                                                                             | 15810                | 44.15               | -29.85                  | 74                          | 47.32                   | 37.56                         | 20.5                   | 61.23                      | 100                  | 0                       | P                     | V             |
| 802.11n<br>HT40<br>CH 62<br>5310MHz |                                                                                             | 10620                | 41.86               | -32.14                  | 74                          | 45.53                   | 39.68                         | 16.28                  | 59.63                      | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 15930                | 42.13               | -31.87                  | 74                          | 44.25                   | 37.11                         | 20.47                  | 59.7                       | 100                  | 0                       | P                     | H             |
|                                     |                                                                                             | 10620                | 40.91               | -33.09                  | 74                          | 44.58                   | 39.68                         | 16.28                  | 59.63                      | 100                  | 0                       | P                     | V             |
|                                     |                                                                                             | 15930                | 41.21               | -32.79                  | 74                          | 43.33                   | 37.11                         | 20.47                  | 59.7                       | 100                  | 0                       | P                     | V             |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

| WIFI<br>Ant.<br>0                               | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ac<br/>VHT80<br/>CH 58<br/>5290MHz</b> |                                                                                             | 5149.4               | 51.78               | -22.22                  | 74                          | 42.97                   | 31.9                          | 10.03                  | 33.12                      | 221                  | 278                     | P                     | H             |
|                                                 |                                                                                             | 5149.1               | 42.8                | -11.2                   | 54                          | 33.99                   | 31.9                          | 10.03                  | 33.12                      | 221                  | 278                     | A                     | H             |
|                                                 | *                                                                                           | 5290                 | 101.87              | -                       | -                           | 93.54                   | 31.32                         | 10.12                  | 33.11                      | 221                  | 278                     | P                     | H             |
|                                                 | *                                                                                           | 5290                 | 93.76               | -                       | -                           | 85.43                   | 31.32                         | 10.12                  | 33.11                      | 221                  | 278                     | A                     | H             |
|                                                 |                                                                                             | 5358.48              | 58.12               | -15.88                  | 74                          | 49.74                   | 31.35                         | 10.14                  | 33.11                      | 221                  | 278                     | P                     | H             |
|                                                 |                                                                                             | 5350.08              | 48.08               | -5.92                   | 54                          | 39.75                   | 31.3                          | 10.14                  | 33.11                      | 221                  | 278                     | A                     | H             |
|                                                 |                                                                                             | 5140.7               | 53.68               | -20.32                  | 74                          | 44.9                    | 31.88                         | 10.02                  | 33.12                      | 100                  | 270                     | P                     | V             |
|                                                 |                                                                                             | 5150                 | 44.25               | -9.75                   | 54                          | 35.44                   | 31.9                          | 10.03                  | 33.12                      | 100                  | 270                     | A                     | V             |
|                                                 | *                                                                                           | 5290                 | 103.96              | -                       | -                           | 95.63                   | 31.32                         | 10.12                  | 33.11                      | 100                  | 270                     | P                     | V             |
|                                                 | *                                                                                           | 5290                 | 95.48               | -                       | -                           | 87.15                   | 31.32                         | 10.12                  | 33.11                      | 100                  | 270                     | A                     | V             |
|                                                 |                                                                                             | 5351.28              | 59.97               | -14.03                  | 74                          | 51.63                   | 31.31                         | 10.14                  | 33.11                      | 100                  | 270                     | P                     | V             |
|                                                 |                                                                                             | 5350.08              | 49.42               | -4.58                   | 54                          | 41.09                   | 31.3                          | 10.14                  | 33.11                      | 100                  | 270                     | A                     | V             |
| <b>Remark</b>                                   | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |

**Band 2 5250~5350MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ac          |                                                                                             | 10580                | 43.49               | -24.71                  | 68.2                        | 47.07                   | 39.7                          | 16.26                  | 59.54                      | 100                  | 0                       | P                     | H             |
| VHT80             |                                                                                             | 15870                | 42.13               | -31.87                  | 74                          | 44.06                   | 37.32                         | 20.49                  | 59.74                      | 100                  | 0                       | P                     | H             |
| CH 58             |                                                                                             | 10580                | 42.9                | -25.3                   | 68.2                        | 46.48                   | 39.7                          | 16.26                  | 59.54                      | 100                  | 0                       | P                     | V             |
| 5290MHz           |                                                                                             | 15870                | 41.8                | -32.2                   | 74                          | 43.73                   | 37.32                         | 20.49                  | 59.74                      | 100                  | 0                       | P                     | V             |
| Remark            | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 3 - 5470~5725MHz

## WIFI 802.11a (Band Edge @ 3m)

| WIFI                         | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|------------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                         |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 0                            |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11a<br>CH 100<br>5500MHz |      | 5458.64   | 55.77      | -18.23 | 74         | 46.91    | 31.73    | 10.24  | 33.11  | 223    | 276     | P       | H       |
|                              |      | 5467.76   | 58.71      | -9.49  | 68.2       | 49.79    | 31.77    | 10.26  | 33.11  | 223    | 276     | P       | H       |
|                              |      | 5460      | 45.67      | -8.33  | 54         | 36.8     | 31.74    | 10.24  | 33.11  | 223    | 276     | A       | H       |
|                              | *    | 5500      | 110.82     | -      | -          | 101.72   | 31.9     | 10.31  | 33.11  | 223    | 276     | P       | H       |
|                              | *    | 5500      | 103.52     | -      | -          | 94.42    | 31.9     | 10.31  | 33.11  | 223    | 276     | A       | H       |
|                              |      | 5458.64   | 56.81      | -17.19 | 74         | 47.95    | 31.73    | 10.24  | 33.11  | 102    | 270     | P       | V       |
|                              |      | 5467.6    | 61.23      | -6.97  | 68.2       | 52.32    | 31.77    | 10.25  | 33.11  | 102    | 270     | P       | V       |
|                              |      | 5460      | 47         | -7     | 54         | 38.13    | 31.74    | 10.24  | 33.11  | 102    | 270     | A       | V       |
|                              | *    | 5500      | 113.33     | -      | -          | 104.23   | 31.9     | 10.31  | 33.11  | 102    | 270     | P       | V       |
|                              | *    | 5500      | 105.96     | -      | -          | 96.86    | 31.9     | 10.31  | 33.11  | 102    | 270     | A       | V       |
| 802.11a<br>CH 116<br>5580MHz |      | 5442.16   | 54.06      | -19.94 | 74         | 45.27    | 31.68    | 10.22  | 33.11  | 235    | 272     | P       | H       |
|                              |      | 5460      | 53.77      | -14.43 | 68.2       | 44.9     | 31.74    | 10.24  | 33.11  | 235    | 272     | P       | H       |
|                              |      | 5459.92   | 44.46      | -9.54  | 54         | 35.59    | 31.74    | 10.24  | 33.11  | 235    | 272     | A       | H       |
|                              | *    | 5580      | 112.85     | -      | -          | 103.76   | 31.8     | 10.43  | 33.14  | 235    | 272     | P       | H       |
|                              | *    | 5580      | 105.55     | -      | -          | 96.46    | 31.8     | 10.43  | 33.14  | 235    | 272     | A       | H       |
|                              |      | 5728.145  | 50.71      | -17.49 | 68.2       | 41.3     | 32.06    | 10.53  | 33.18  | 235    | 272     | P       | H       |
|                              |      | 5452.96   | 55.47      | -18.53 | 74         | 46.64    | 31.71    | 10.23  | 33.11  | 100    | 271     | P       | V       |
|                              |      | 5463.76   | 54.81      | -13.39 | 68.2       | 45.91    | 31.76    | 10.25  | 33.11  | 100    | 271     | P       | V       |
|                              |      | 5459.92   | 46.06      | -7.94  | 54         | 37.19    | 31.74    | 10.24  | 33.11  | 100    | 271     | A       | V       |
|                              | *    | 5580      | 115.91     | -      | -          | 106.82   | 31.8     | 10.43  | 33.14  | 100    | 271     | P       | V       |
|                              | *    | 5580      | 108.67     | -      | -          | 99.58    | 31.8     | 10.43  | 33.14  | 100    | 271     | A       | V       |
|                              |      | 5756.495  | 52.35      | -15.85 | 68.2       | 42.88    | 32.11    | 10.55  | 33.19  | 100    | 271     | P       | V       |



| WIFI<br>Ant.<br>0                     | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11a<br/>CH 140<br/>5700MHz</b> | *                                                                                           | 5700                 | 107.54              | -                       | -                           | 98.2                    | 32                            | 10.51                  | 33.17                      | 240                  | 224                     | P                     | H             |
|                                       | *                                                                                           | 5700                 | 100.29              | -                       | -                           | 90.95                   | 32                            | 10.51                  | 33.17                      | 240                  | 224                     | A                     | H             |
|                                       |                                                                                             | 5726.36              | 55.77               | -12.43                  | 68.2                        | 46.37                   | 32.05                         | 10.53                  | 33.18                      | 240                  | 224                     | P                     | H             |
|                                       | *                                                                                           | 5700                 | 111.64              | -                       | -                           | 102.3                   | 32                            | 10.51                  | 33.17                      | 100                  | 277                     | P                     | V             |
|                                       | *                                                                                           | 5700                 | 104.37              | -                       | -                           | 95.03                   | 32                            | 10.51                  | 33.17                      | 100                  | 277                     | A                     | V             |
|                                       |                                                                                             | 5725.08              | 61.2                | -7                      | 68.2                        | 51.8                    | 32.05                         | 10.53                  | 33.18                      | 100                  | 277                     | P                     | V             |
| <b>Remark</b>                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - 5470~5725MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0                     | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11a<br/>CH 100<br/>5500MHz</b> |                                                                                             | 11000                | 45.92               | -28.08                  | 74                          | 51.11                   | 40                            | 16.51                  | 61.7                       | 100                  | 0                       | P                     | H             |
|                                       |                                                                                             | 16500                | 45.56               | -22.64                  | 68.2                        | 45.41                   | 38.7                          | 21.15                  | 59.7                       | 100                  | 0                       | P                     | H             |
|                                       |                                                                                             | 11000                | 44.91               | -29.09                  | 74                          | 50.1                    | 40                            | 16.51                  | 61.7                       | 100                  | 0                       | P                     | V             |
|                                       |                                                                                             | 16500                | 45.22               | -22.98                  | 68.2                        | 45.07                   | 38.7                          | 21.15                  | 59.7                       | 100                  | 0                       | P                     | V             |
| <b>802.11a<br/>CH 116<br/>5580MHz</b> |                                                                                             | 11160                | 48.35               | -25.65                  | 74                          | 53.99                   | 39.48                         | 16.74                  | 61.86                      | 100                  | 0                       | P                     | H             |
|                                       |                                                                                             | 16740                | 46.83               | -21.37                  | 68.2                        | 45.44                   | 39.56                         | 21.48                  | 59.65                      | 100                  | 0                       | P                     | H             |
|                                       |                                                                                             | 11160                | 48.12               | -25.88                  | 74                          | 53.76                   | 39.48                         | 16.74                  | 61.86                      | 100                  | 0                       | P                     | V             |
|                                       |                                                                                             | 16740                | 47.33               | -20.87                  | 68.2                        | 45.94                   | 39.56                         | 21.48                  | 59.65                      | 100                  | 0                       | P                     | V             |
| <b>802.11a<br/>CH 140<br/>5700MHz</b> |                                                                                             | 11400                | 47.38               | -26.62                  | 74                          | 52.69                   | 39.7                          | 17.09                  | 62.1                       | 100                  | 0                       | P                     | H             |
|                                       |                                                                                             | 17100                | 47.9                | -20.3                   | 68.2                        | 45.24                   | 40.1                          | 21.94                  | 59.38                      | 100                  | 0                       | P                     | H             |
|                                       |                                                                                             | 11400                | 47.93               | -26.07                  | 74                          | 53.24                   | 39.7                          | 17.09                  | 62.1                       | 100                  | 0                       | P                     | V             |
|                                       |                                                                                             | 17100                | 46.69               | -21.51                  | 68.2                        | 44.03                   | 40.1                          | 21.94                  | 59.38                      | 100                  | 0                       | P                     | V             |
| <b>Remark</b>                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

| WIFI<br>Ant.<br>0                    | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT20<br>CH 100<br>5500MHz |      | 5459.92              | 55.47               | -18.53                  | 74                          | 46.6                      | 31.74                         | 10.24                  | 33.11                      | 220                  | 232                     | P                       | H               |
|                                      |      | 5468.72              | 61.09               | -7.11                   | 68.2                        | 52.17                     | 31.77                         | 10.26                  | 33.11                      | 220                  | 232                     | P                       | H               |
|                                      |      | 5459.92              | 44.97               | -9.03                   | 54                          | 36.1                      | 31.74                         | 10.24                  | 33.11                      | 220                  | 232                     | A                       | H               |
|                                      | *    | 5500                 | 111.22              | -                       | -                           | 102.12                    | 31.9                          | 10.31                  | 33.11                      | 220                  | 232                     | P                       | H               |
|                                      | *    | 5500                 | 102.73              | -                       | -                           | 93.63                     | 31.9                          | 10.31                  | 33.11                      | 220                  | 232                     | A                       | H               |
|                                      |      | 5458                 | 56.53               | -17.47                  | 74                          | 47.67                     | 31.73                         | 10.24                  | 33.11                      | 102                  | 269                     | P                       | V               |
|                                      |      | 5469.04              | 63.44               | -4.76                   | 68.2                        | 54.51                     | 31.78                         | 10.26                  | 33.11                      | 102                  | 269                     | P                       | V               |
|                                      |      | 5460                 | 47.06               | -6.94                   | 54                          | 38.19                     | 31.74                         | 10.24                  | 33.11                      | 102                  | 269                     | A                       | V               |
|                                      | *    | 5500                 | 114.12              | -                       | -                           | 105.02                    | 31.9                          | 10.31                  | 33.11                      | 102                  | 269                     | P                       | V               |
|                                      | *    | 5500                 | 105.86              | -                       | -                           | 96.76                     | 31.9                          | 10.31                  | 33.11                      | 102                  | 269                     | A                       | V               |
| 802.11n<br>HT20<br>CH 116<br>5580MHz |      | 5434.72              | 54.08               | -19.92                  | 74                          | 45.32                     | 31.67                         | 10.2                   | 33.11                      | 219                  | 274                     | P                       | H               |
|                                      |      | 5463.04              | 53.27               | -14.93                  | 68.2                        | 44.38                     | 31.75                         | 10.25                  | 33.11                      | 219                  | 274                     | P                       | H               |
|                                      |      | 5459.92              | 44.45               | -9.55                   | 54                          | 35.58                     | 31.74                         | 10.24                  | 33.11                      | 219                  | 274                     | A                       | H               |
|                                      | *    | 5580                 | 112.63              | -                       | -                           | 103.54                    | 31.8                          | 10.43                  | 33.14                      | 219                  | 274                     | P                       | H               |
|                                      | *    | 5580                 | 105.5               | -                       | -                           | 96.41                     | 31.8                          | 10.43                  | 33.14                      | 219                  | 274                     | A                       | H               |
|                                      |      | 5725.31              | 50.74               | -17.46                  | 68.2                        | 41.34                     | 32.05                         | 10.53                  | 33.18                      | 219                  | 274                     | P                       | H               |
|                                      |      | 5459.2               | 55.34               | -18.66                  | 74                          | 46.47                     | 31.74                         | 10.24                  | 33.11                      | 101                  | 272                     | P                       | V               |
|                                      |      | 5468.56              | 55.42               | -12.78                  | 68.2                        | 46.5                      | 31.77                         | 10.26                  | 33.11                      | 101                  | 272                     | P                       | V               |
|                                      |      | 5459.92              | 45.98               | -8.02                   | 54                          | 37.11                     | 31.74                         | 10.24                  | 33.11                      | 101                  | 272                     | A                       | V               |
|                                      | *    | 5580                 | 115.7               | -                       | -                           | 106.61                    | 31.8                          | 10.43                  | 33.14                      | 101                  | 272                     | P                       | V               |
|                                      | *    | 5580                 | 108.54              | -                       | -                           | 99.45                     | 31.8                          | 10.43                  | 33.14                      | 101                  | 272                     | A                       | V               |
|                                      |      | 5745.155             | 51.04               | -17.16                  | 68.2                        | 41.6                      | 32.09                         | 10.54                  | 33.19                      | 101                  | 272                     | P                       | V               |



| WIFI<br>Ant.<br>0                              | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11n<br/>HT20<br/>CH 140<br/>5700MHz</b> | *                                                                                           | 5700                 | 108.29              | -                       | -                           | 98.95                   | 32                            | 10.51                  | 33.17                      | 240                  | 219                     | P                     | H             |
|                                                | *                                                                                           | 5700                 | 100.66              | -                       | -                           | 91.32                   | 32                            | 10.51                  | 33.17                      | 240                  | 219                     | A                     | H             |
|                                                |                                                                                             | 5725.64              | 57.71               | -10.49                  | 68.2                        | 48.31                   | 32.05                         | 10.53                  | 33.18                      | 240                  | 219                     | P                     | H             |
|                                                | *                                                                                           | 5700                 | 112.31              | -                       | -                           | 102.97                  | 32                            | 10.51                  | 33.17                      | 100                  | 278                     | P                     | V             |
|                                                | *                                                                                           | 5700                 | 104.69              | -                       | -                           | 95.35                   | 32                            | 10.51                  | 33.17                      | 100                  | 278                     | A                     | V             |
|                                                |                                                                                             | 5725.56              | 62.49               | -5.71                   | 68.2                        | 53.09                   | 32.05                         | 10.53                  | 33.18                      | 100                  | 278                     | P                     | V             |
| <b>Remark</b>                                  | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0                    | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11n<br>HT20<br>CH 100<br>5500MHz |                                                                                             | 11000                | 46.88               | -27.12                  | 74                          | 52.07                   | 40                            | 16.51                  | 61.7                       | 100                  | 0                       | P                     | H             |
|                                      |                                                                                             | 16500                | 45.88               | -22.32                  | 68.2                        | 45.73                   | 38.7                          | 21.15                  | 59.7                       | 100                  | 0                       | P                     | H             |
|                                      |                                                                                             | 11000                | 45.48               | -28.52                  | 74                          | 50.67                   | 40                            | 16.51                  | 61.7                       | 100                  | 0                       | P                     | V             |
|                                      |                                                                                             | 16500                | 45.68               | -22.52                  | 68.2                        | 45.53                   | 38.7                          | 21.15                  | 59.7                       | 100                  | 0                       | P                     | V             |
| 802.11n<br>HT20<br>CH 116<br>5580MHz |                                                                                             | 11160                | 47.62               | -26.38                  | 74                          | 53.26                   | 39.48                         | 16.74                  | 61.86                      | 100                  | 0                       | P                     | H             |
|                                      |                                                                                             | 16740                | 46.47               | -21.73                  | 68.2                        | 45.08                   | 39.56                         | 21.48                  | 59.65                      | 100                  | 0                       | P                     | H             |
|                                      |                                                                                             | 11160                | 46.09               | -27.91                  | 74                          | 51.73                   | 39.48                         | 16.74                  | 61.86                      | 100                  | 0                       | P                     | V             |
|                                      |                                                                                             | 16740                | 46.4                | -21.8                   | 68.2                        | 45.01                   | 39.56                         | 21.48                  | 59.65                      | 100                  | 0                       | P                     | V             |
| 802.11n<br>HT20<br>CH 140<br>5700MHz |                                                                                             | 11400                | 48.74               | -25.26                  | 74                          | 54.05                   | 39.7                          | 17.09                  | 62.1                       | 100                  | 0                       | P                     | H             |
|                                      |                                                                                             | 17100                | 48.02               | -20.18                  | 68.2                        | 45.36                   | 40.1                          | 21.94                  | 59.38                      | 100                  | 0                       | P                     | H             |
|                                      |                                                                                             | 11400                | 47.86               | -26.14                  | 74                          | 53.17                   | 39.7                          | 17.09                  | 62.1                       | 100                  | 0                       | P                     | V             |
|                                      |                                                                                             | 17100                | 47.41               | -20.79                  | 68.2                        | 44.75                   | 40.1                          | 21.94                  | 59.38                      | 100                  | 0                       | P                     | V             |
| Remark                               | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

| WIFI<br>Ant.<br>0                              | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11n<br/>HT40<br/>CH 102<br/>5510MHz</b> |      | 5458.48              | 53.18               | -20.82                  | 74                          | 44.32                     | 31.73                         | 10.24                  | 33.11                      | 218                  | 274                     | P                       | H               |
|                                                |      | 5469.76              | 59.85               | -8.35                   | 68.2                        | 50.92                     | 31.78                         | 10.26                  | 33.11                      | 218                  | 274                     | P                       | H               |
|                                                |      | 5459.92              | 43.99               | -10.01                  | 54                          | 35.12                     | 31.74                         | 10.24                  | 33.11                      | 218                  | 274                     | A                       | H               |
|                                                | *    | 5510                 | 104.1               | -                       | -                           | 95.01                     | 31.88                         | 10.32                  | 33.11                      | 218                  | 274                     | P                       | H               |
|                                                | *    | 5510                 | 96.36               | -                       | -                           | 87.27                     | 31.88                         | 10.32                  | 33.11                      | 218                  | 274                     | A                       | H               |
|                                                |      | 5742.635             | 48.55               | -19.65                  | 68.2                        | 39.11                     | 32.09                         | 10.54                  | 33.19                      | 218                  | 274                     | P                       | H               |
|                                                |      | 5458.96              | 57.33               | -16.67                  | 74                          | 48.46                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 269                     | P                       | V               |
|                                                |      | 5469.52              | 63.07               | -5.13                   | 68.2                        | 54.14                     | 31.78                         | 10.26                  | 33.11                      | 100                  | 269                     | P                       | V               |
|                                                |      | 5459.92              | 45.78               | -8.22                   | 54                          | 36.91                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 269                     | A                       | V               |
|                                                | *    | 5510                 | 106.35              | -                       | -                           | 97.26                     | 31.88                         | 10.32                  | 33.11                      | 100                  | 269                     | P                       | V               |
|                                                | *    | 5510                 | 98.48               | -                       | -                           | 89.39                     | 31.88                         | 10.32                  | 33.11                      | 100                  | 269                     | A                       | V               |
|                                                |      | 5733.185             | 48.98               | -19.22                  | 68.2                        | 39.56                     | 32.07                         | 10.53                  | 33.18                      | 100                  | 269                     | P                       | V               |
| <b>802.11n<br/>HT40<br/>CH 110<br/>5550MHz</b> |      | 5449.36              | 56.65               | -17.35                  | 74                          | 47.83                     | 31.7                          | 10.23                  | 33.11                      | 225                  | 227                     | P                       | H               |
|                                                |      | 5466.88              | 58.64               | -9.56                   | 68.2                        | 49.73                     | 31.77                         | 10.25                  | 33.11                      | 225                  | 227                     | P                       | H               |
|                                                |      | 5459.92              | 46.11               | -7.89                   | 54                          | 37.24                     | 31.74                         | 10.24                  | 33.11                      | 225                  | 227                     | A                       | H               |
|                                                | *    | 5550                 | 110.17              | -                       | -                           | 101.12                    | 31.8                          | 10.38                  | 33.13                      | 225                  | 227                     | P                       | H               |
|                                                | *    | 5550                 | 102.14              | -                       | -                           | 93.09                     | 31.8                          | 10.38                  | 33.13                      | 225                  | 227                     | A                       | H               |
|                                                |      | 5742.95              | 49.54               | -18.66                  | 68.2                        | 40.1                      | 32.09                         | 10.54                  | 33.19                      | 225                  | 227                     | P                       | H               |
|                                                |      | 5459.92              | 59.52               | -14.48                  | 74                          | 50.65                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 270                     | P                       | V               |
|                                                |      | 5466.64              | 61.04               | -7.16                   | 68.2                        | 52.13                     | 31.77                         | 10.25                  | 33.11                      | 100                  | 270                     | P                       | V               |
|                                                |      | 5459.92              | 48.94               | -5.06                   | 54                          | 40.07                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 270                     | A                       | V               |
|                                                | *    | 5550                 | 114                 | -                       | -                           | 104.95                    | 31.8                          | 10.38                  | 33.13                      | 100                  | 270                     | P                       | V               |
|                                                | *    | 5550                 | 105.72              | -                       | -                           | 96.67                     | 31.8                          | 10.38                  | 33.13                      | 100                  | 270                     | A                       | V               |
|                                                |      | 5725.31              | 50.86               | -17.34                  | 68.2                        | 41.46                     | 32.05                         | 10.53                  | 33.18                      | 100                  | 270                     | P                       | V               |



| WIFI<br>Ant.<br>0                              | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11n<br/>HT40<br/>CH 134<br/>5670MHz</b> |                                                                                             | 5444.5               | 50.82               | -23.18                  | 74                          | 42.02                   | 31.69                         | 10.22                  | 33.11                      | 232                  | 272                     | P                     | H             |
|                                                |                                                                                             | 5462.35              | 50.68               | -17.52                  | 68.2                        | 41.79                   | 31.75                         | 10.25                  | 33.11                      | 232                  | 272                     | P                     | H             |
|                                                |                                                                                             | 5459.9               | 41.97               | -12.03                  | 54                          | 33.1                    | 31.74                         | 10.24                  | 33.11                      | 232                  | 272                     | A                     | H             |
|                                                | *                                                                                           | 5670                 | 106.66              | -                       | -                           | 97.5                    | 31.82                         | 10.5                   | 33.16                      | 232                  | 272                     | P                     | H             |
|                                                | *                                                                                           | 5670                 | 98.65               | -                       | -                           | 89.49                   | 31.82                         | 10.5                   | 33.16                      | 232                  | 272                     | A                     | H             |
|                                                |                                                                                             | 5725                 | 53.42               | -14.78                  | 68.2                        | 44.02                   | 32.05                         | 10.53                  | 33.18                      | 232                  | 272                     | P                     | H             |
|                                                |                                                                                             | 5459.9               | 51.75               | -22.25                  | 74                          | 42.88                   | 31.74                         | 10.24                  | 33.11                      | 100                  | 294                     | P                     | V             |
|                                                |                                                                                             | 5461.65              | 51.37               | -16.83                  | 68.2                        | 42.48                   | 31.75                         | 10.25                  | 33.11                      | 100                  | 294                     | P                     | V             |
|                                                |                                                                                             | 5459.55              | 42.63               | -11.37                  | 54                          | 33.76                   | 31.74                         | 10.24                  | 33.11                      | 100                  | 294                     | A                     | V             |
|                                                | *                                                                                           | 5670                 | 111.39              | -                       | -                           | 102.23                  | 31.82                         | 10.5                   | 33.16                      | 100                  | 294                     | P                     | V             |
|                                                | *                                                                                           | 5670                 | 102.46              | -                       | -                           | 93.3                    | 31.82                         | 10.5                   | 33.16                      | 100                  | 294                     | A                     | V             |
|                                                |                                                                                             | 5725.45              | 58.63               | -9.57                   | 68.2                        | 49.23                   | 32.05                         | 10.53                  | 33.18                      | 100                  | 294                     | P                     | V             |
| <b>Remark</b>                                  | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n           |                                                                                             | 11020                | 45.54               | -28.46                  | 74                          | 50.8                      | 39.92                         | 16.54                  | 61.72                      | 100                  | 0                       | P                       | H               |
| HT40              |                                                                                             | 16530                | 45.57               | -22.63                  | 68.2                        | 45.31                     | 38.76                         | 21.19                  | 59.69                      | 100                  | 0                       | P                       | H               |
| CH 102            |                                                                                             | 11020                | 45.61               | -28.39                  | 74                          | 50.87                     | 39.92                         | 16.54                  | 61.72                      | 100                  | 0                       | P                       | V               |
| 5510MHz           |                                                                                             | 16530                | 45.56               | -22.64                  | 68.2                        | 45.3                      | 38.76                         | 21.19                  | 59.69                      | 100                  | 0                       | P                       | V               |
| 802.11n           |                                                                                             | 11100                | 46.76               | -27.24                  | 74                          | 52.3                      | 39.6                          | 16.66                  | 61.8                       | 100                  | 0                       | P                       | H               |
| HT40              |                                                                                             | 16650                | 46.59               | -21.61                  | 68.2                        | 45.85                     | 39.05                         | 21.36                  | 59.67                      | 100                  | 0                       | P                       | H               |
| CH 110            |                                                                                             | 11100                | 44.96               | -29.04                  | 74                          | 50.5                      | 39.6                          | 16.66                  | 61.8                       | 100                  | 0                       | P                       | V               |
| 5550MHz           |                                                                                             | 16650                | 46.62               | -21.58                  | 68.2                        | 45.88                     | 39.05                         | 21.36                  | 59.67                      | 100                  | 0                       | P                       | V               |
| 802.11n           |                                                                                             | 11340                | 46.19               | -27.81                  | 74                          | 51.64                     | 39.58                         | 17.01                  | 62.04                      | 100                  | 0                       | P                       | H               |
| HT40              |                                                                                             | 17010                | 46.87               | -21.33                  | 68.2                        | 44.59                     | 40.01                         | 21.85                  | 59.58                      | 100                  | 0                       | P                       | H               |
| CH 134            |                                                                                             | 11340                | 45.36               | -28.64                  | 74                          | 50.81                     | 39.58                         | 17.01                  | 62.04                      | 100                  | 0                       | P                       | V               |
| 5670MHz           |                                                                                             | 17010                | 47.11               | -21.09                  | 68.2                        | 44.83                     | 40.01                         | 21.85                  | 59.58                      | 100                  | 0                       | P                       | V               |
| Remark            | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**Band 3 - 5470~5725MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

| WIFI<br>Ant.<br>0                      | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|----------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ac<br>VHT80<br>CH 106<br>5530MHz |                                                                                             | 5456.8               | 58.93               | -15.07                  | 74                          | 50.07                     | 31.73                         | 10.24                  | 33.11                      | 230                  | 275                     | P                       | H               |
|                                        |                                                                                             | 5470                 | 59.73               | -8.47                   | 68.2                        | 50.8                      | 31.78                         | 10.26                  | 33.11                      | 230                  | 275                     | P                       | H               |
|                                        |                                                                                             | 5459.92              | 47.8                | -6.2                    | 54                          | 38.93                     | 31.74                         | 10.24                  | 33.11                      | 230                  | 275                     | A                       | H               |
|                                        | *                                                                                           | 5530                 | 99.96               | -                       | -                           | 90.89                     | 31.84                         | 10.35                  | 33.12                      | 230                  | 275                     | P                       | H               |
|                                        | *                                                                                           | 5530                 | 91.57               | -                       | -                           | 82.5                      | 31.84                         | 10.35                  | 33.12                      | 230                  | 275                     | A                       | H               |
|                                        |                                                                                             | 5728.775             | 50.76               | -17.44                  | 68.2                        | 41.35                     | 32.06                         | 10.53                  | 33.18                      | 230                  | 275                     | P                       | H               |
|                                        |                                                                                             | 5458.96              | 62.62               | -11.38                  | 74                          | 53.75                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 274                     | P                       | V               |
|                                        |                                                                                             | 5468.32              | 64.51               | -3.69                   | 68.2                        | 55.59                     | 31.77                         | 10.26                  | 33.11                      | 100                  | 274                     | P                       | V               |
|                                        |                                                                                             | 5459.92              | 49.54               | -4.46                   | 54                          | 40.67                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 274                     | A                       | V               |
|                                        | *                                                                                           | 5530                 | 101.94              | -                       | -                           | 92.87                     | 31.84                         | 10.35                  | 33.12                      | 100                  | 274                     | P                       | V               |
|                                        | *                                                                                           | 5530                 | 93.43               | -                       | -                           | 84.36                     | 31.84                         | 10.35                  | 33.12                      | 100                  | 274                     | A                       | V               |
|                                        |                                                                                             | 5760.275             | 50.21               | -17.99                  | 68.2                        | 40.73                     | 32.12                         | 10.55                  | 33.19                      | 100                  | 274                     | P                       | V               |
| 802.11ac<br>VHT80<br>CH 122<br>5610MHz |                                                                                             | 5457.1               | 52.34               | -21.66                  | 74                          | 43.48                     | 31.73                         | 10.24                  | 33.11                      | 221                  | 229                     | P                       | H               |
|                                        |                                                                                             | 5467.25              | 53.8                | -14.4                   | 68.2                        | 44.89                     | 31.77                         | 10.25                  | 33.11                      | 221                  | 229                     | P                       | H               |
|                                        |                                                                                             | 5459.55              | 44.15               | -9.85                   | 54                          | 35.28                     | 31.74                         | 10.24                  | 33.11                      | 221                  | 229                     | A                       | H               |
|                                        | *                                                                                           | 5610                 | 104.8               | -                       | -                           | 95.7                      | 31.78                         | 10.47                  | 33.15                      | 221                  | 229                     | P                       | H               |
|                                        | *                                                                                           | 5610                 | 95.93               | -                       | -                           | 86.83                     | 31.78                         | 10.47                  | 33.15                      | 221                  | 229                     | A                       | H               |
|                                        |                                                                                             | 5725.625             | 53.69               | -14.51                  | 68.2                        | 44.29                     | 32.05                         | 10.53                  | 33.18                      | 221                  | 229                     | P                       | H               |
|                                        |                                                                                             | 5459.55              | 57.02               | -16.98                  | 74                          | 48.15                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 270                     | P                       | V               |
|                                        |                                                                                             | 5467.6               | 59.21               | -8.99                   | 68.2                        | 50.3                      | 31.77                         | 10.25                  | 33.11                      | 100                  | 270                     | P                       | V               |
|                                        |                                                                                             | 5459.9               | 46.59               | -7.41                   | 54                          | 37.72                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 270                     | A                       | V               |
|                                        | *                                                                                           | 5610                 | 108.16              | -                       | -                           | 99.06                     | 31.78                         | 10.47                  | 33.15                      | 100                  | 270                     | P                       | V               |
|                                        | *                                                                                           | 5610                 | 99.75               | -                       | -                           | 90.65                     | 31.78                         | 10.47                  | 33.15                      | 100                  | 270                     | A                       | V               |
|                                        |                                                                                             | 5730.875             | 56.03               | -12.17                  | 68.2                        | 46.62                     | 32.06                         | 10.53                  | 33.18                      | 100                  | 270                     | P                       | V               |
| Remark                                 | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |

**Band 3 5470~5725MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ac          |                                                                                             | 11060                | 44.22               | -29.78                  | 74                          | 48.37                   | 39.76                         | 16.6                   | 60.51                      | 100                  | 0                       | P                     | H             |
| VHT80             |                                                                                             | 16590                | 44.68               | -23.52                  | 68.2                        | 43.25                   | 38.88                         | 21.28                  | 58.73                      | 100                  | 0                       | P                     | H             |
| CH 106            |                                                                                             | 11060                | 43.7                | -30.3                   | 74                          | 47.85                   | 39.76                         | 16.6                   | 60.51                      | 100                  | 0                       | P                     | V             |
| 5530MHz           |                                                                                             | 16590                | 44.23               | -23.97                  | 68.2                        | 42.8                    | 38.88                         | 21.28                  | 58.73                      | 100                  | 0                       | P                     | V             |
| 802.11ac          |                                                                                             | 11220                | 46.03               | -27.97                  | 74                          | 51.7                    | 39.42                         | 16.83                  | 61.92                      | 100                  | 0                       | P                     | H             |
| VHT80             |                                                                                             | 16830                | 47.01               | -21.19                  | 68.2                        | 44.99                   | 40.04                         | 21.61                  | 59.63                      | 100                  | 0                       | P                     | H             |
| CH 122            |                                                                                             | 11220                | 45.56               | -28.44                  | 74                          | 51.23                   | 39.42                         | 16.83                  | 61.92                      | 100                  | 0                       | P                     | V             |
| 5610MHz           |                                                                                             | 16830                | 46.91               | -21.29                  | 68.2                        | 44.89                   | 40.04                         | 21.61                  | 59.63                      | 100                  | 0                       | P                     | V             |
| Remark            | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 3 - Straddle Channel

## WIFI 802.11a (Band Edge @ 3m)

| WIFI                         | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                         |                                                                                             |           |            | Limit  | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 0                            |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11a<br>CH 144<br>5720MHz |                                                                                             | 5425.27   | 50.29      | -23.71 | 74         | 41.56  | 31.65    | 10.19  | 33.11  | 222    | 272     | P     | H     |
|                              |                                                                                             | 5461.15   | 50.13      | -18.07 | 68.2       | 41.26  | 31.74    | 10.24  | 33.11  | 222    | 272     | P     | H     |
|                              |                                                                                             | 5459.98   | 41.4       | -12.6  | 54         | 32.53  | 31.74    | 10.24  | 33.11  | 222    | 272     | A     | H     |
|                              | *                                                                                           | 5720      | 110.67     | -      | -          | 101.28 | 32.04    | 10.53  | 33.18  | 222    | 272     | P     | H     |
|                              | *                                                                                           | 5720      | 103.03     | -      | -          | 93.64  | 32.04    | 10.53  | 33.18  | 222    | 272     | A     | H     |
|                              |                                                                                             | 5905.25   | 50.41      | -17.79 | 68.2       | 40.53  | 32.51    | 10.61  | 33.24  | 222    | 272     | P     | H     |
|                              |                                                                                             | 5459.59   | 52.17      | -21.83 | 74         | 43.3   | 31.74    | 10.24  | 33.11  | 100    | 275     | P     | V     |
|                              |                                                                                             | 5469.34   | 51.82      | -16.38 | 68.2       | 42.89  | 31.78    | 10.26  | 33.11  | 100    | 275     | P     | V     |
|                              |                                                                                             | 5459.98   | 42.58      | -11.42 | 54         | 33.71  | 31.74    | 10.24  | 33.11  | 100    | 275     | A     | V     |
|                              | *                                                                                           | 5720      | 114.78     | -      | -          | 105.39 | 32.04    | 10.53  | 33.18  | 100    | 275     | P     | V     |
|                              | *                                                                                           | 5720      | 107.32     | -      | -          | 97.93  | 32.04    | 10.53  | 33.18  | 100    | 275     | A     | V     |
|                              |                                                                                             | 5869.25   | 52.05      | -16.15 | 68.2       | 42.3   | 32.38    | 10.6   | 33.23  | 100    | 275     | P     | V     |
| Remark                       | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |        |          |        |        |        |         |       |       |



**Band 3 - Straddle Channel**  
**WIFI 802.11a (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0                     | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11a<br/>CH 144<br/>5720MHz</b> |                                                                                             | 11440                | 49.72               | -24.28                  | 74                          | 55.01                   | 39.7                          | 17.15                  | 62.14                      | 100                  | 0                       | P                     | H             |
|                                       |                                                                                             | 17160                | 46.71               | -21.49                  | 68.2                        | 43.69                   | 40.28                         | 21.99                  | 59.25                      | 100                  | 0                       | P                     | H             |
|                                       |                                                                                             | 11440                | 53.01               | -20.99                  | 74                          | 58.3                    | 39.7                          | 17.15                  | 62.14                      | 200                  | 181                     | P                     | V             |
|                                       |                                                                                             | 11440                | 42.71               | -11.29                  | 54                          | 48                      | 39.7                          | 17.15                  | 62.14                      | 200                  | 181                     | A                     | V             |
|                                       |                                                                                             | 17160                | 46.85               | -21.35                  | 68.2                        | 43.83                   | 40.28                         | 21.99                  | 59.25                      | 100                  | 0                       | P                     | V             |
| <b>Remark</b>                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - Straddle Channel**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

| WIFI<br>Ant.<br>0                              | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11n<br/>HT20<br/>CH 144<br/>5720MHz</b> |                                                                                             | 5429.17              | 51.18               | -22.82                  | 74                          | 42.43                   | 31.66                         | 10.2                   | 33.11                      | 223                  | 276                     | P                     | H             |
|                                                |                                                                                             | 5460.37              | 51.59               | -16.61                  | 68.2                        | 42.72                   | 31.74                         | 10.24                  | 33.11                      | 223                  | 276                     | P                     | H             |
|                                                |                                                                                             | 5459.98              | 41.64               | -12.36                  | 54                          | 32.77                   | 31.74                         | 10.24                  | 33.11                      | 223                  | 276                     | A                     | H             |
|                                                | *                                                                                           | 5720                 | 110.37              | -                       | -                           | 100.98                  | 32.04                         | 10.53                  | 33.18                      | 223                  | 276                     | P                     | H             |
|                                                | *                                                                                           | 5720                 | 102.96              | -                       | -                           | 93.57                   | 32.04                         | 10.53                  | 33.18                      | 223                  | 276                     | A                     | H             |
|                                                |                                                                                             | 5869.5               | 50.93               | -17.27                  | 68.2                        | 41.18                   | 32.38                         | 10.6                   | 33.23                      | 223                  | 276                     | P                     | H             |
|                                                |                                                                                             | 5454.91              | 52.55               | -21.45                  | 74                          | 43.7                    | 31.72                         | 10.24                  | 33.11                      | 100                  | 292                     | P                     | V             |
|                                                |                                                                                             | 5469.34              | 51.56               | -16.64                  | 68.2                        | 42.63                   | 31.78                         | 10.26                  | 33.11                      | 100                  | 292                     | P                     | V             |
|                                                |                                                                                             | 5459.98              | 42.28               | -11.72                  | 54                          | 33.41                   | 31.74                         | 10.24                  | 33.11                      | 100                  | 292                     | A                     | V             |
|                                                | *                                                                                           | 5720                 | 114.47              | -                       | -                           | 105.08                  | 32.04                         | 10.53                  | 33.18                      | 100                  | 292                     | P                     | V             |
|                                                | *                                                                                           | 5720                 | 107.21              | -                       | -                           | 97.82                   | 32.04                         | 10.53                  | 33.18                      | 100                  | 292                     | A                     | V             |
|                                                |                                                                                             | 5864                 | 52.48               | -15.72                  | 68.2                        | 42.75                   | 32.36                         | 10.6                   | 33.23                      | 100                  | 292                     | P                     | V             |
| <b>Remark</b>                                  | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - Straddle Channel**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0                              | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11n<br/>HT20<br/>CH 144<br/>5720MHz</b> |                                                                                             | 11440                | 49.58               | -24.42                  | 74                          | 54.87                   | 39.7                          | 17.15                  | 62.14                      | 100                  | 0                       | P                     | H             |
|                                                |                                                                                             | 17160                | 47.56               | -20.64                  | 68.2                        | 44.54                   | 40.28                         | 21.99                  | 59.25                      | 100                  | 0                       | P                     | H             |
|                                                |                                                                                             | 11440                | 57.61               | -16.39                  | 74                          | 62.9                    | 39.7                          | 17.15                  | 62.14                      | 200                  | 209                     | P                     | V             |
|                                                |                                                                                             | 11440                | 47.25               | -6.75                   | 54                          | 52.54                   | 39.7                          | 17.15                  | 62.14                      | 200                  | 209                     | A                     | V             |
|                                                |                                                                                             | 17160                | 47.59               | -20.61                  | 68.2                        | 44.57                   | 40.28                         | 21.99                  | 59.25                      | 100                  | 0                       | P                     | V             |
| <b>Remark</b>                                  | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - Straddle Channel**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

| WIFI<br>Ant.<br>0                              | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11n<br/>HT40<br/>CH 142<br/>5710MHz</b> |                                                                                             | 5458.03              | 51.73               | -22.27                  | 74                          | 42.87                     | 31.73                         | 10.24                  | 33.11                      | 216                  | 276                     | P                       | H               |
|                                                |                                                                                             | 5469.34              | 51.77               | -16.43                  | 68.2                        | 42.84                     | 31.78                         | 10.26                  | 33.11                      | 216                  | 276                     | P                       | H               |
|                                                |                                                                                             | 5459.98              | 41.33               | -12.67                  | 54                          | 32.46                     | 31.74                         | 10.24                  | 33.11                      | 216                  | 276                     | A                       | H               |
|                                                | *                                                                                           | 5710                 | 109.77              | -                       | -                           | 100.41                    | 32.02                         | 10.52                  | 33.18                      | 216                  | 276                     | P                       | H               |
|                                                | *                                                                                           | 5710                 | 101.75              | -                       | -                           | 92.39                     | 32.02                         | 10.52                  | 33.18                      | 216                  | 276                     | A                       | H               |
|                                                |                                                                                             | 5907.5               | 51.24               | -16.96                  | 68.2                        | 41.36                     | 32.51                         | 10.61                  | 33.24                      | 216                  | 276                     | P                       | H               |
|                                                |                                                                                             | 5459.2               | 51.95               | -22.05                  | 74                          | 43.08                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 292                     | P                       | V               |
|                                                |                                                                                             | 5469.34              | 52.28               | -15.92                  | 68.2                        | 43.35                     | 31.78                         | 10.26                  | 33.11                      | 100                  | 292                     | P                       | V               |
|                                                |                                                                                             | 5459.98              | 42.16               | -11.84                  | 54                          | 33.29                     | 31.74                         | 10.24                  | 33.11                      | 100                  | 292                     | A                       | V               |
|                                                | *                                                                                           | 5710                 | 113.65              | -                       | -                           | 104.29                    | 32.02                         | 10.52                  | 33.18                      | 100                  | 292                     | P                       | V               |
|                                                | *                                                                                           | 5710                 | 105.64              | -                       | -                           | 96.28                     | 32.02                         | 10.52                  | 33.18                      | 100                  | 292                     | A                       | V               |
|                                                |                                                                                             | 5852.75              | 51.62               | -16.58                  | 68.2                        | 41.94                     | 32.31                         | 10.59                  | 33.22                      | 100                  | 292                     | P                       | V               |
| <b>Remark</b>                                  | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**Band 3 - Straddle Channel**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0                              | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11n<br/>HT40<br/>CH 142<br/>5710MHz</b> |                                                                                             | 11420                | 48.27               | -25.73                  | 74                          | 53.57                     | 39.7                          | 17.12                  | 62.12                      | 100                  | 0                       | P                       | H               |
|                                                |                                                                                             | 17130                | 46.93               | -21.27                  | 68.2                        | 44.09                     | 40.19                         | 21.96                  | 59.31                      | 100                  | 0                       | P                       | H               |
|                                                |                                                                                             | 11420                | 48.27               | -25.73                  | 74                          | 53.57                     | 39.7                          | 17.12                  | 62.12                      | 100                  | 0                       | P                       | V               |
|                                                |                                                                                             | 17130                | 46.55               | -21.65                  | 68.2                        | 43.71                     | 40.19                         | 21.96                  | 59.31                      | 100                  | 0                       | P                       | V               |
| <b>Remark</b>                                  | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**Band 3 - Straddle Channel**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

| WIFI<br>Ant.<br>0                                | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ac<br/>VHT80<br/>CH 138<br/>5690MHz</b> |                                                                                             | 5458.81              | 51.95               | -22.05                  | 74                          | 43.08                   | 31.74                         | 10.24                  | 33.11                      | 229                  | 227                     | P                     | H             |
|                                                  |                                                                                             | 5464.66              | 53.22               | -14.98                  | 68.2                        | 44.32                   | 31.76                         | 10.25                  | 33.11                      | 229                  | 227                     | P                     | H             |
|                                                  |                                                                                             | 5459.98              | 42.49               | -11.51                  | 54                          | 33.62                   | 31.74                         | 10.24                  | 33.11                      | 229                  | 227                     | A                     | H             |
|                                                  | *                                                                                           | 5690                 | 106.07              | -                       | -                           | 96.79                   | 31.94                         | 10.51                  | 33.17                      | 229                  | 227                     | P                     | H             |
|                                                  | *                                                                                           | 5690                 | 97.47               | -                       | -                           | 88.19                   | 31.94                         | 10.51                  | 33.17                      | 229                  | 227                     | A                     | H             |
|                                                  |                                                                                             | 5861.8               | 51.56               | -16.64                  | 68.2                        | 41.85                   | 32.35                         | 10.59                  | 33.23                      | 229                  | 227                     | P                     | H             |
|                                                  |                                                                                             | 5458.42              | 54.07               | -19.93                  | 74                          | 45.21                   | 31.73                         | 10.24                  | 33.11                      | 100                  | 294                     | P                     | V             |
|                                                  |                                                                                             | 5466.61              | 54.35               | -13.85                  | 68.2                        | 45.44                   | 31.77                         | 10.25                  | 33.11                      | 100                  | 294                     | P                     | V             |
|                                                  |                                                                                             | 5459.98              | 44.47               | -9.53                   | 54                          | 35.6                    | 31.74                         | 10.24                  | 33.11                      | 100                  | 294                     | A                     | V             |
|                                                  | *                                                                                           | 5690                 | 109.9               | -                       | -                           | 100.62                  | 31.94                         | 10.51                  | 33.17                      | 100                  | 294                     | P                     | V             |
|                                                  | *                                                                                           | 5690                 | 101.58              | -                       | -                           | 92.3                    | 31.94                         | 10.51                  | 33.17                      | 100                  | 294                     | A                     | V             |
|                                                  |                                                                                             | 5855.5               | 55.31               | -12.89                  | 68.2                        | 45.62                   | 32.32                         | 10.59                  | 33.22                      | 100                  | 294                     | P                     | V             |
| <b>Remark</b>                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Band 3 - Straddle Channel**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0 | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ac          |                                                                                             | 11380                | 45.37               | -28.63                  | 74                          | 50.73                   | 39.66                         | 17.06                  | 62.08                      | 100                  | 0                       | P                     | H             |
| VHT80             |                                                                                             | 17070                | 47.07               | -21.13                  | 68.2                        | 44.54                   | 40.07                         | 21.91                  | 59.45                      | 100                  | 0                       | P                     | H             |
| CH 138            |                                                                                             | 11380                | 46.58               | -27.42                  | 74                          | 51.94                   | 39.66                         | 17.06                  | 62.08                      | 100                  | 0                       | P                     | V             |
| 5690MHz           |                                                                                             | 17070                | 47.42               | -20.78                  | 68.2                        | 44.89                   | 40.07                         | 21.91                  | 59.45                      | 100                  | 0                       | P                     | V             |
| Remark            | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Emission below 1GHz

## WIFI 802.11ac VHT80 (LF @ 3m)

| WIFI                    | Note                                                                       | Frequency | Level      | Over   | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------------|----------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                    |                                                                            |           |            | Limit  | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 0                       |                                                                            | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11ac<br>VHT80<br>LF |                                                                            | 178.41    | 33.82      | -9.68  | 43.5       | 49.31  | 14.88    | 1.77   | 32.26  | -      | -       | P     | H     |
|                         |                                                                            | 272.5     | 39.75      | -6.25  | 46         | 50.9   | 18.8     | 2.17   | 32.2   | 100    | 0       | P     | H     |
|                         |                                                                            | 331.67    | 34.63      | -11.37 | 46         | 44.7   | 19.62    | 2.41   | 32.17  | -      | -       | P     | H     |
|                         |                                                                            | 941.8     | 33.04      | -12.96 | 46         | 29.66  | 30.06    | 4.1    | 30.97  | -      | -       | P     | H     |
|                         |                                                                            | 953.44    | 33.14      | -12.86 | 46         | 28.96  | 30.72    | 4.13   | 30.86  | -      | -       | P     | H     |
|                         |                                                                            | 959.26    | 33.64      | -12.36 | 46         | 29.13  | 30.97    | 4.14   | 30.8   | -      | -       | P     | H     |
|                         |                                                                            | 30.97     | 32.08      | -7.92  | 40         | 40.09  | 23.58    | 0.77   | 32.37  | 100    | 0       | P     | V     |
|                         |                                                                            | 177.44    | 28.92      | -14.58 | 43.5       | 44.37  | 14.93    | 1.77   | 32.26  | -      | -       | P     | V     |
|                         |                                                                            | 272.5     | 34.69      | -11.31 | 46         | 45.84  | 18.8     | 2.17   | 32.2   | -      | -       | P     | V     |
|                         |                                                                            | 935.98    | 32.8       | -13.2  | 46         | 29.79  | 29.76    | 4.09   | 31.02  | -      | -       | P     | V     |
|                         |                                                                            | 950.53    | 33         | -13    | 46         | 28.98  | 30.6     | 4.12   | 30.89  | -      | -       | P     | V     |
|                         |                                                                            | 955.38    | 33.62      | -12.38 | 46         | 29.33  | 30.81    | 4.13   | 30.84  | -      | -       | P     | V     |
| Remark                  | 1. No other spurious found.<br>2. All results are PASS against limit line. |           |            |        |            |        |          |        |        |        |         |       |       |



**Note symbol**

|     |                                                                                                                                                          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| !   | Test result is <b>over limit</b> line.                                                                                                                   |
| P/A | <b>P</b> eak or <b>A</b> verage                                                                                                                          |
| H/V | <b>H</b> orizontal or <b>V</b> ertical                                                                                                                   |



A calculation example for radiated spurious emission is shown as below:

| WIFI    | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 0       |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b |      | 2390      | 55.45      | -18.55 | 74         | 54.51    | 32.22    | 4.58   | 35.86  | 103    | 308     | P       | H       |
| CH 01   |      |           |            |        |            |          |          |        |        |        |         |         |         |
| 2412MHz |      | 2390      | 43.54      | -10.46 | 54         | 42.6     | 32.22    | 4.58   | 35.86  | 103    | 308     | A       | H       |

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)  
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)  
 = 55.45 (dBμV/m)
2. Over Limit(dB)  
 = Level(dBμV/m) – Limit Line(dBμV/m)  
 = 55.45(dBμV/m) – 74(dBμV/m)  
 = -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)  
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)  
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)  
 = 43.54(dBμV/m) – 54(dBμV/m)  
 = -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



## Appendix D. Radiated Spurious Emission

|                 |                                   |                     |             |
|-----------------|-----------------------------------|---------------------|-------------|
| Test Engineer : | Bill Kuo, Fu Chen and Troye Hsieh | Temperature :       | 22.1~28.7°C |
|                 |                                   | Relative Humidity : | 50.2~56.7%  |

### Note symbol

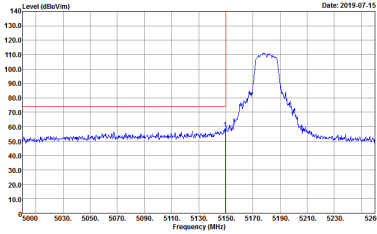
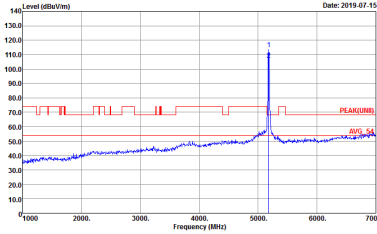
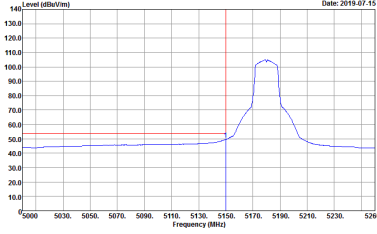
|    |                       |
|----|-----------------------|
| -L | Low channel location  |
| -R | High channel location |



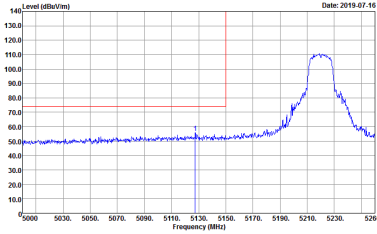
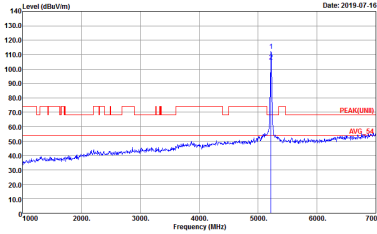
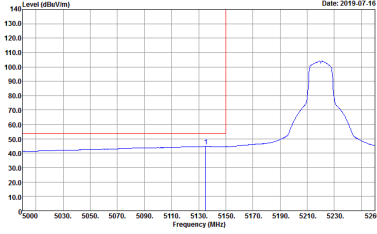
**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                         |                                                                                                                            |
|------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH36 5180MHz                                                                                                       |                                                                                                                            |
| 0    | Horizontal                                                                                                                 | Fundamental                                                                                                                |
| Peak | <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p> | <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p>  | Left blank                                                                                                                 |

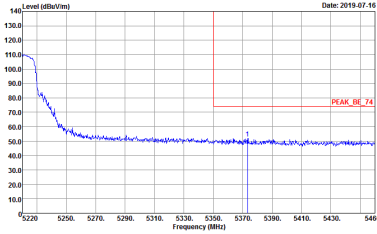
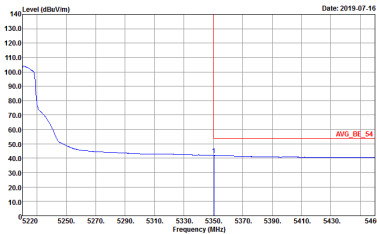


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH36 5180MHz                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                               |

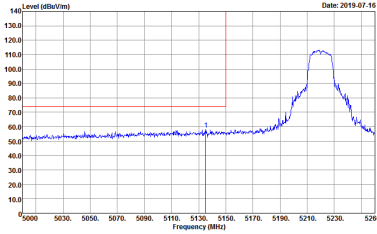
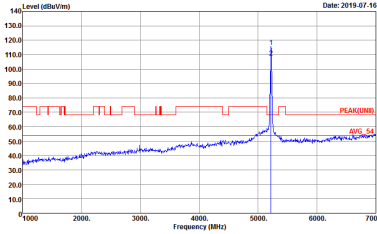
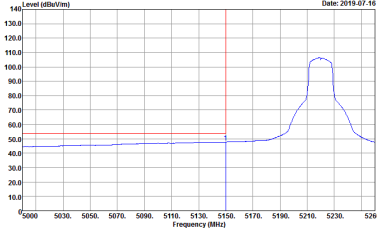


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH44 5220MHz - L                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                            |
| 0    | Horizontal                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                                 |

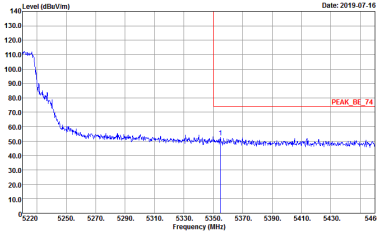
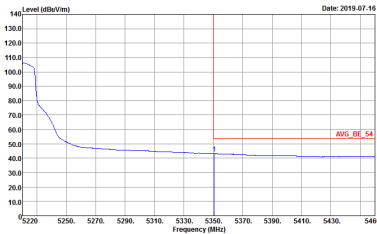


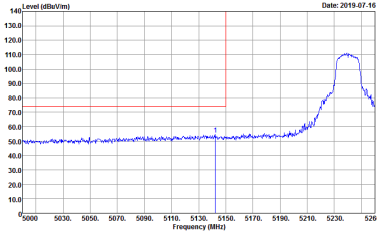
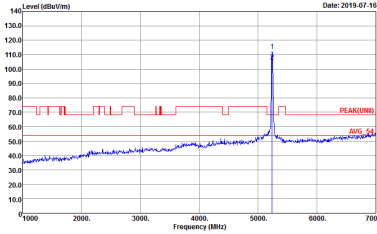
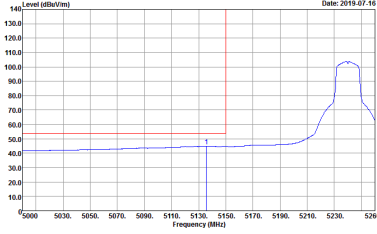
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                   |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH44 5220MHz - R                                                                                                                                                                                                                                             |             |
| 0    | Horizontal                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |



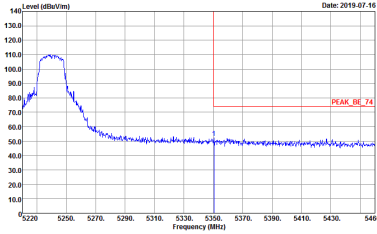
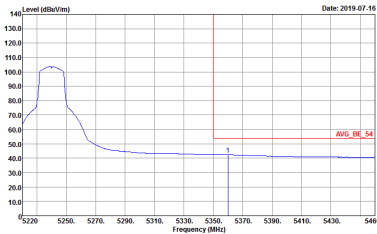
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH44 5220MHz - L                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                               |



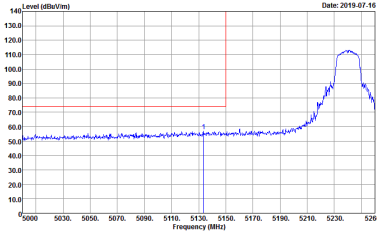
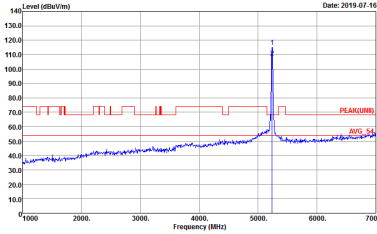
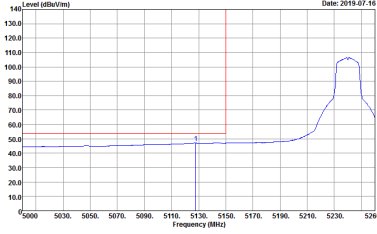
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH44 5220MHz - R                                                                                                                                                                                                                                           |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

| WIFI        | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11a CH48 5240MHz - L                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                            |
| 0           | Horizontal                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                |
| <b>Peak</b> |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| <b>Avg.</b> |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | <b>Left blank</b>                                                                                                                                                                                                                                          |

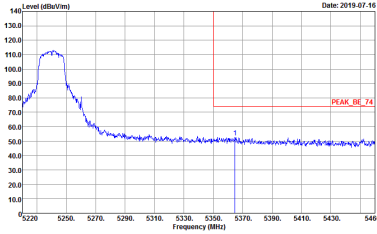
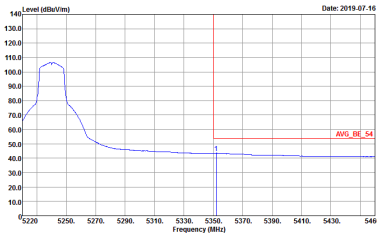


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                   |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH48 5240MHz - R                                                                                                                                                                                                                                             |             |
| 0    | Horizontal                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

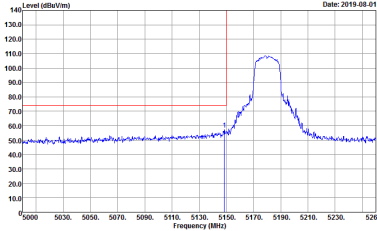
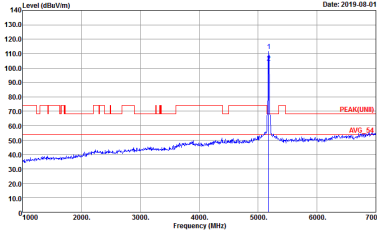
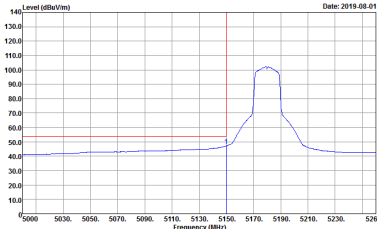


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH48 5240MHz - L                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                               |

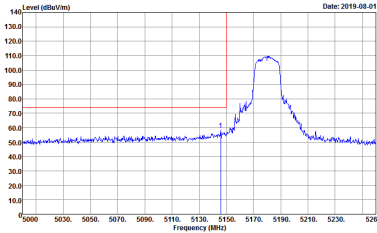
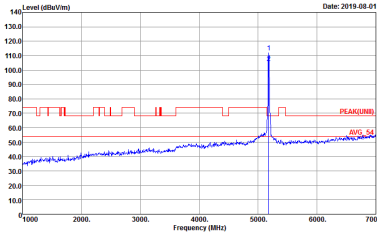
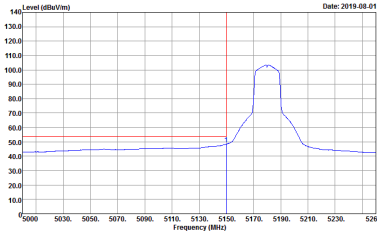


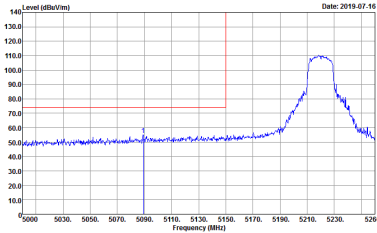
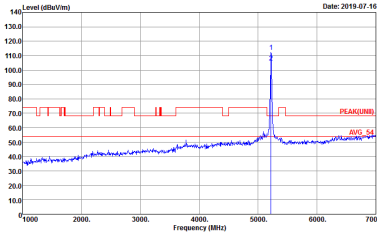
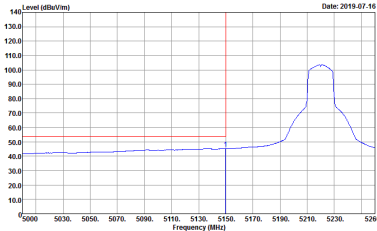
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH48 5240MHz - R                                                                                                                                                                                                                                           |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

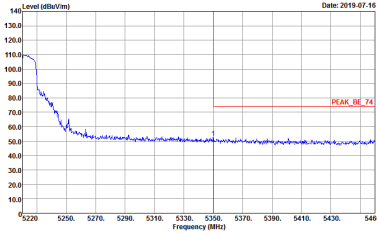
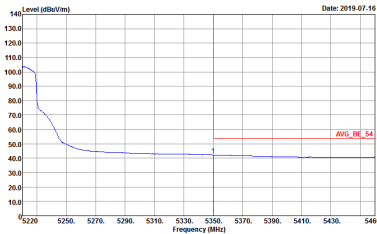
| WIFI        | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                        |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11n HT20 CH36 5180MHz                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                        |
| 0           | Horizontal                                                                                                                                                                                                                                                            | Fundamental                                                                                                                                                                                                                                                            |
| <b>Peak</b> |  <p>Site : 03CH11-HY<br/> Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/> Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto<br/> Project : 941514-01<br/> Setting : 18</p> |  <p>Site : 03CH11-HY<br/> Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL<br/> Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto<br/> Project : 941514-01<br/> Setting : 18</p> |
| <b>Avg.</b> |  <p>Site : 03CH11-HY<br/> Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/> Detector : 88W:1000.000KHz VBW:0.010KHz SWT:Auto<br/> Project : 941514-01<br/> Setting : 18</p>   | <b>Left blank</b>                                                                                                                                                                                                                                                      |



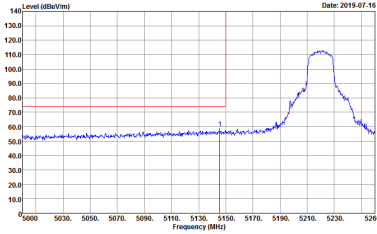
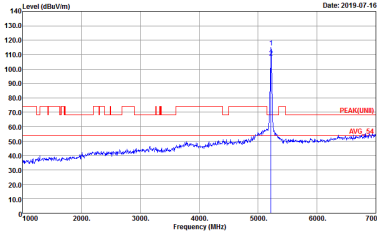
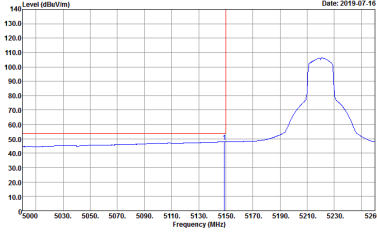
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                           |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH36 5180MHz                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                           |
| 0    | Vertical                                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                               |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 18</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 18</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 18</p>   | Left blank                                                                                                                                                                                                                                                                |

| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                            |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH44 5220MHz - L                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                            |
| 0    | Horizontal                                                                                                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                                                                                                                |
| Peak |  <p>           Site : 03CH11-HY<br/>           Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>           RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>           Detector : Peak<br/>           Project : 941514-01         </p> |  <p>           Site : 03CH11-HY<br/>           Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>           RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>           Detector : Peak<br/>           Project : 941514-01         </p> |
| Avg. |  <p>           Site : 03CH11-HY<br/>           Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>           RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>           Detector : Peak<br/>           Project : 941514-01         </p>   | Left blank                                                                                                                                                                                                                                                                                                                 |

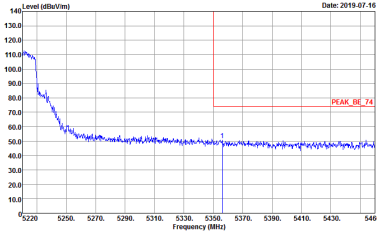
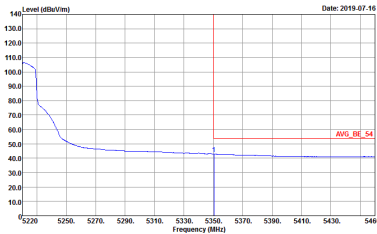


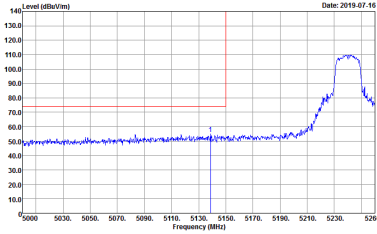
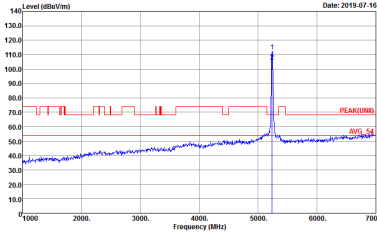
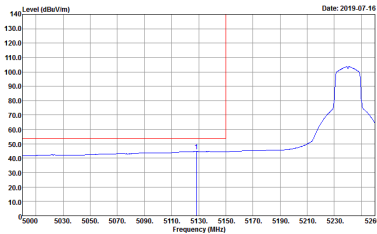
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                   |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH44 5220MHz - R                                                                                                                                                                                                                                        |             |
| 0    | Horizontal                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |



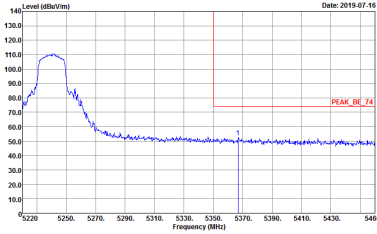
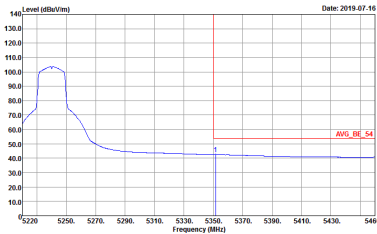
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH44 5220MHz - L                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>   | Left blank                                                                                                                                                                                                                                               |

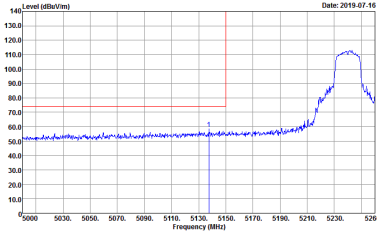
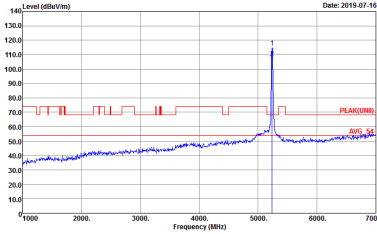
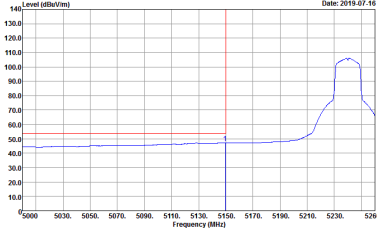


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH44 5220MHz - R                                                                                                                                                                                                                                      |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

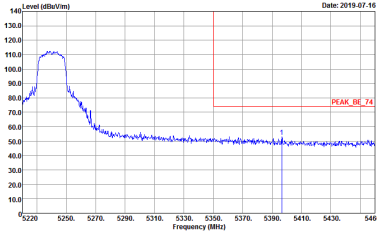
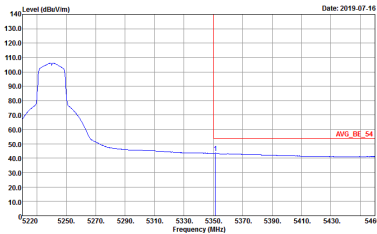
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH48 5240MHz - L                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                            |
| 0    | Horizontal                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                                 |



| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                         |             |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH48 5240MHz - R                                                                                                                                                                                                                              |             |
| 0    | Horizontal                                                                                                                                                                                                                                                 | Fundamental |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  | Left blank  |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank  |

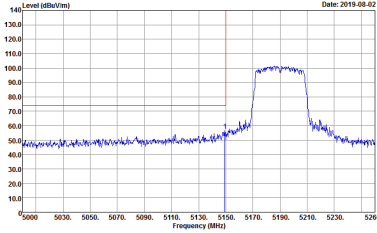
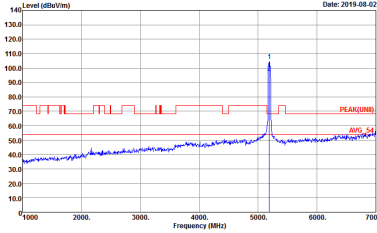
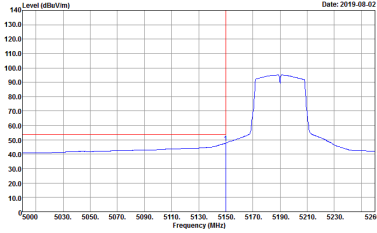
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH48 5240MHz - L                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                               |



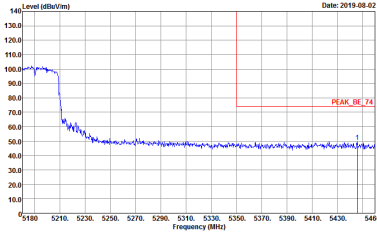
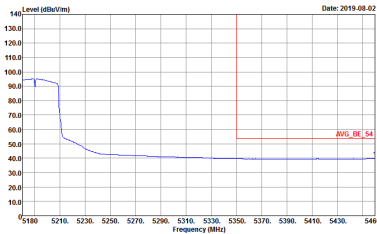
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH48 5240MHz - R                                                                                                                                                                                                                                      |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

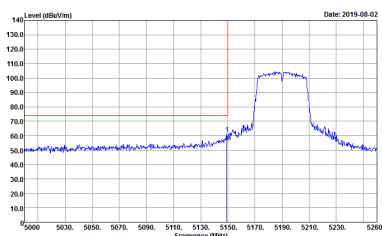
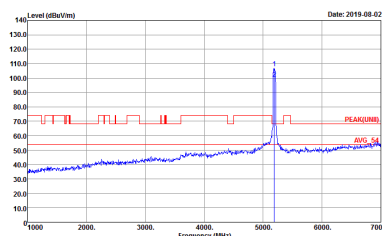
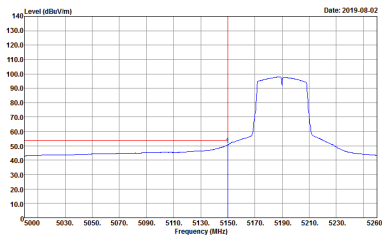


Band 1 5150~5250MHz  
WIFI 802.11n HT40 (Band Edge @ 3m)

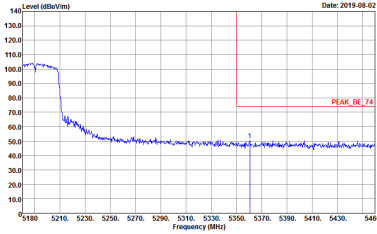
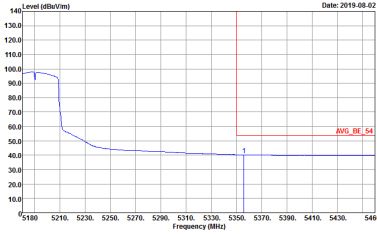
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                      |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH38 5190MHz - L                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                      |
| 0    | Horizontal                                                                                                                                                                                                                                                           | Fundamental                                                                                                                                                                                                                                                          |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01<br/>Setting : 14.5</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01<br/>Setting : 14.5</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01<br/>Setting : 14.5</p> | Left blank                                                                                                                                                                                                                                                           |



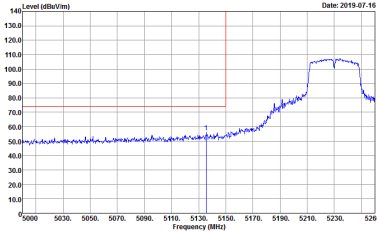
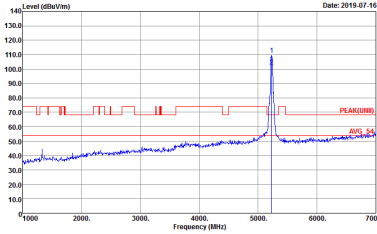
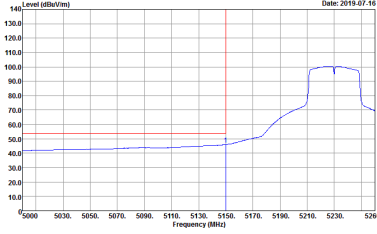
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                         |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH38 5190MHz - R                                                                                                                                                                                                              |             |
| 0    | Horizontal                                                                                                                                                                                                                                 | Fundamental |
| Peak | <div><p>Site : 03CH11-HV<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 14.5</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HV<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 14.5</p></div> | Left blank  |

| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH38 5190MHz - L                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                             |
| 0    | Vertical                                                                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 14.5</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 14.5</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 14.5</p> | Left blank                                                                                                                                                                                                                                                                  |

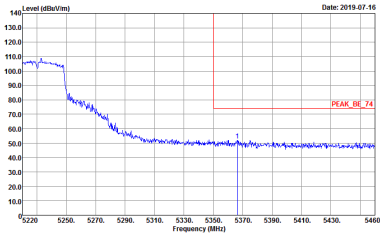
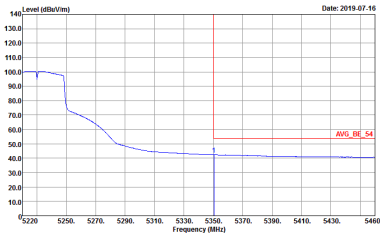


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                                    |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH38 5190MHz - R                                                                                                                                                                                                                                                         |             |
| 0    | Vertical                                                                                                                                                                                                                                                                              | Fundamental |
| Peak | <div><p>Site : 03CH11-HV<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 14.5</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HV<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 14.5</p></div> | Left blank  |

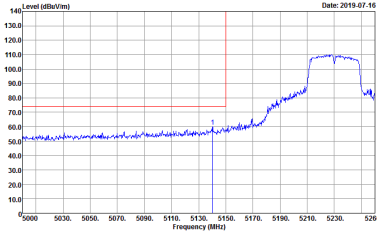
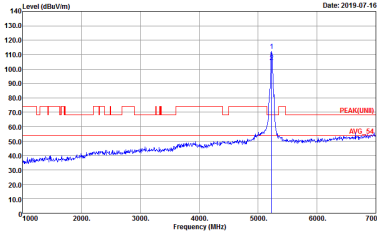
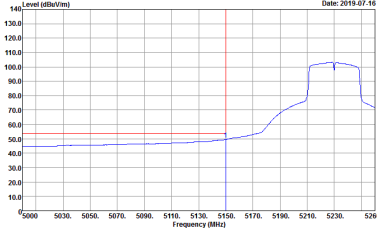


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH46 5230MHz - L                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                            |
| 0    | Horizontal                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                                 |

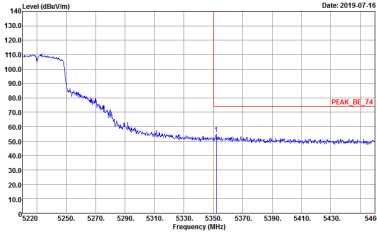
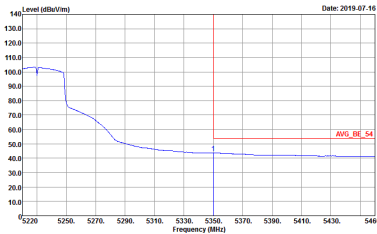


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                   |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH46 5230MHz - R                                                                                                                                                                                                                                        |             |
| 0    | Horizontal                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |



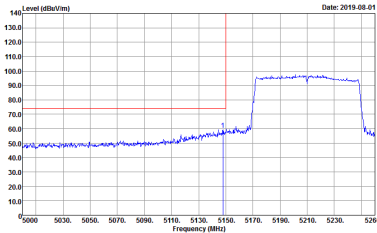
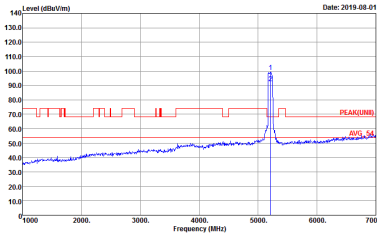
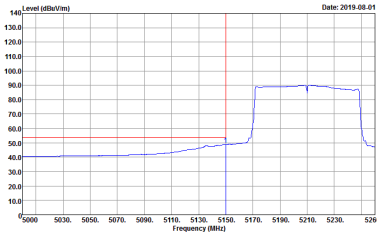
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH46 5230MHz - L                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                               |



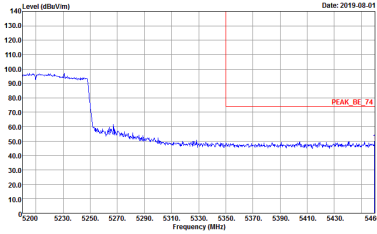
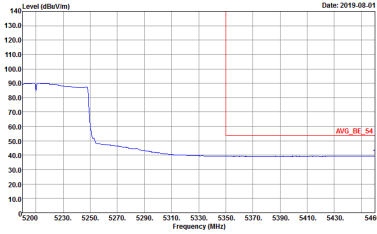
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH46 5230MHz - R                                                                                                                                                                                                                                      |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |



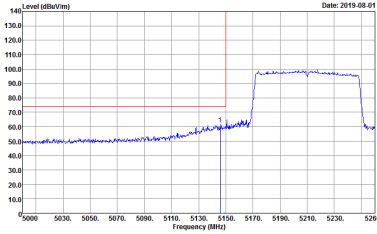
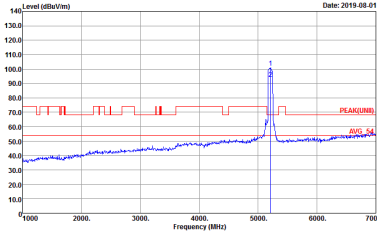
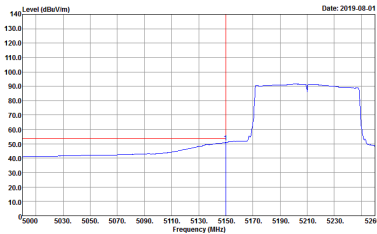
**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                                |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT80 CH42 5210MHz - L                                                                                                                                                                                                |                                                                                                                                                                                                                                |
| 0    | Horizontal                                                                                                                                                                                                                     | Fundamental                                                                                                                                                                                                                    |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p> | Left blank                                                                                                                                                                                                                     |

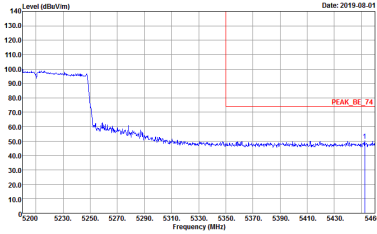
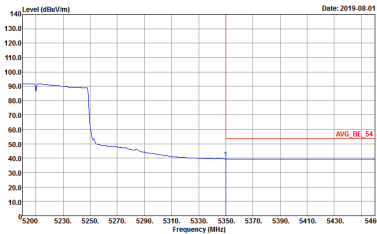


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                       |             |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ac VHT80 CH42 5210MHz - R                                                                                                                                                                                                          |             |
| 0    | Horizontal                                                                                                                                                                                                                               | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p></div> | Left blank  |



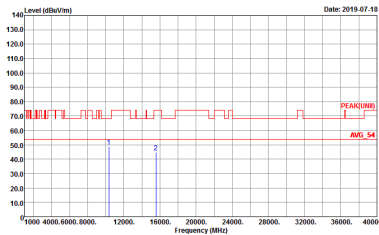
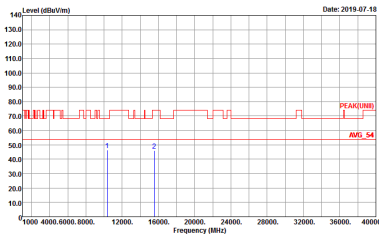
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                              |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT80 CH42 5210MHz - L                                                                                                                                                                                              |                                                                                                                                                                                                                              |
| 0    | Vertical                                                                                                                                                                                                                     | Fundamental                                                                                                                                                                                                                  |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p> | Left blank                                                                                                                                                                                                                   |



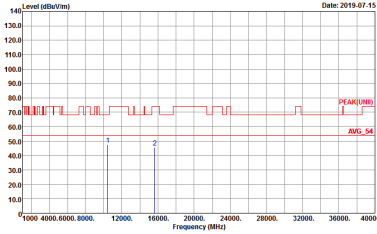
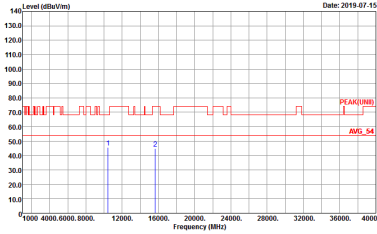
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                                     |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ac VHT80 CH42 5210MHz - R                                                                                                                                                                                                        |             |
| 0    | Vertical                                                                                                                                                                                                                               | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p></div> | Left blank  |



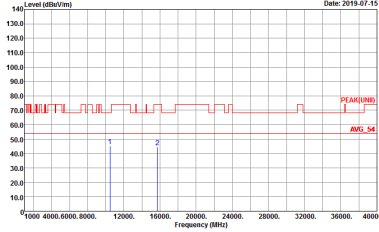
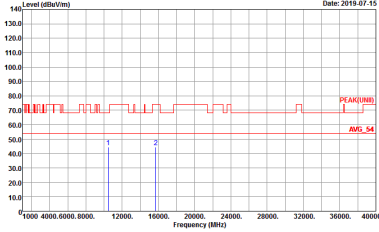
**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

| WIFI         | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                      |                                                                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH36 5180MHz                                                                                                                                                                                                   |                                                                                                                                                                                                                       |
| 0            | Horizontal                                                                                                                                                                                                             | Vertical                                                                                                                                                                                                              |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |

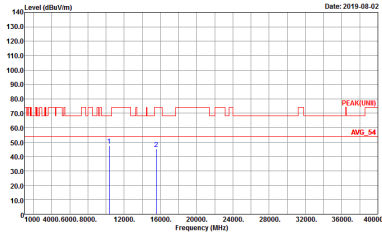
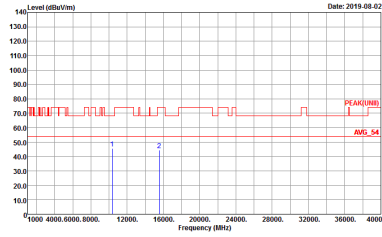


|              |                                                                                                                                                                                                                        |                                                                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI         | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                      |                                                                                                                                                                                                                       |
| ANT          | 802.11a CH44 5220MHz                                                                                                                                                                                                   |                                                                                                                                                                                                                       |
| 0            | Horizontal                                                                                                                                                                                                             | Vertical                                                                                                                                                                                                              |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |

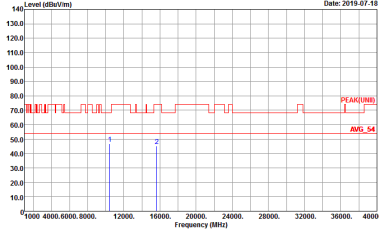
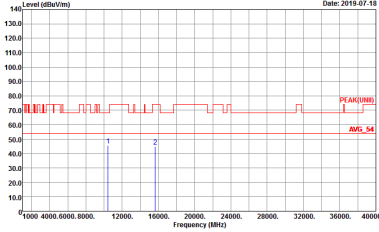


| WIFI         | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                     |                                                                                                                                                                                                                      |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH48 5240MHz                                                                                                                                                                                                  |                                                                                                                                                                                                                      |
| 0            | Horizontal                                                                                                                                                                                                            | Vertical                                                                                                                                                                                                             |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNB) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNB) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
|              |                                                                                                                                                                                                                       |                                                                                                                                                                                                                      |

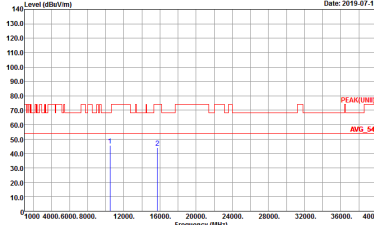
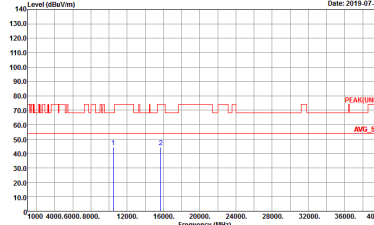
**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

| WIFI                           | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11n HT20 CH36 5180MHz                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                              |
| 0                              | Horizontal                                                                                                                                                                                                                                                                                    | Vertical                                                                                                                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>           Site : 03CH11-HY<br/>           Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>           Detector : Peak<br/>           Project : 941514-01<br/>           Setting : 18         </p> |  <p>           Site : 03CH11-HY<br/>           Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>           Detector : Peak<br/>           Project : 941514-01<br/>           Setting : 18         </p> |

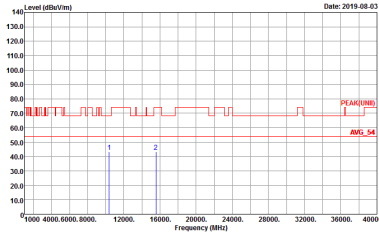
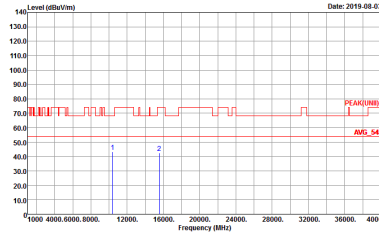


| WIFI         | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                     |                                                                                                                                                                                                                      |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11n HT20 CH44 5220MHz                                                                                                                                                                                             |                                                                                                                                                                                                                      |
| 0            | Horizontal                                                                                                                                                                                                            | Vertical                                                                                                                                                                                                             |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNB) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNB) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
|              |                                                                                                                                                                                                                       |                                                                                                                                                                                                                      |

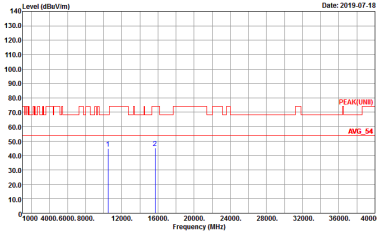
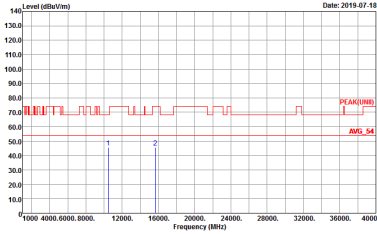


| WIFI         | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                      |                                                                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11n HT20 CH48 5240MHz                                                                                                                                                                                              |                                                                                                                                                                                                                       |
| 0            | Horizontal                                                                                                                                                                                                             | Vertical                                                                                                                                                                                                              |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
|              |                                                                                                                                                                                                                        |                                                                                                                                                                                                                       |

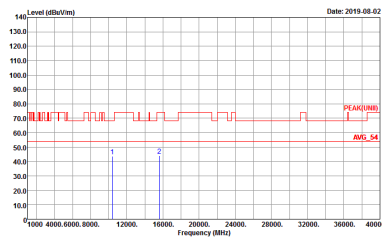
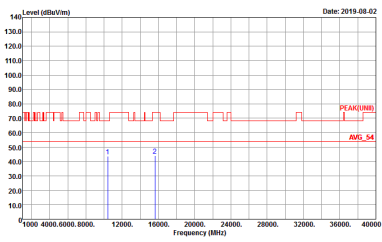
**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

| WIFI                           | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11n HT40 CH38 5190MHz                                                                                                                                                                                                           |                                                                                                                                                                                                                                    |
| 0                              | Horizontal                                                                                                                                                                                                                          | Vertical                                                                                                                                                                                                                           |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH11-HY<br/> Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/> Detector : Peak<br/> Project : 941514-01<br/> Setting : 14.5</p> |  <p>Site : 03CH11-HY<br/> Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/> Detector : Peak<br/> Project : 941514-01<br/> Setting : 14.5</p> |



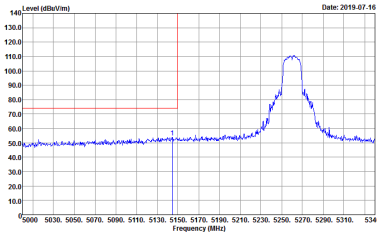
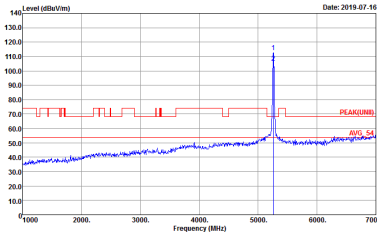
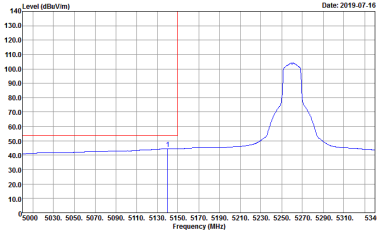
| WIFI         | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                      |                                                                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11n HT40 CH46 5230MHz                                                                                                                                                                                              |                                                                                                                                                                                                                       |
| 0            | Horizontal                                                                                                                                                                                                             | Vertical                                                                                                                                                                                                              |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
|              |                                                                                                                                                                                                                        |                                                                                                                                                                                                                       |

**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

| WIFI                           | Band 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ac VHT80 CH42 5210MHz                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                              |
| 0                              | Horizontal                                                                                                                                                                                                                                                                                    | Vertical                                                                                                                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>           Site : 03CH11-HY<br/>           Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>           Detector : Peak<br/>           Project : 941514-01<br/>           Setting : 12         </p> |  <p>           Site : 03CH11-HY<br/>           Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>           Detector : Peak<br/>           Project : 941514-01<br/>           Setting : 12         </p> |



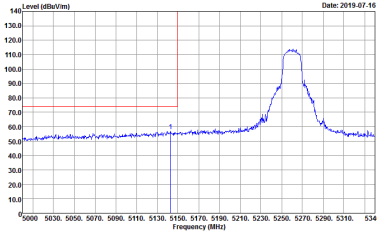
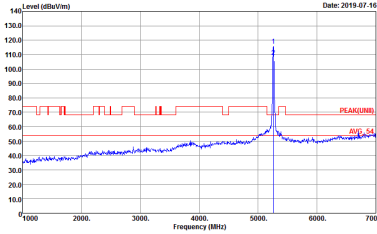
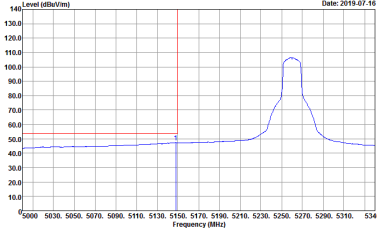
Band 2 - 5250~5350MHz  
WIFI 802.11a (Band Edge @ 3m)

| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH52 5260MHz - L                                                                                                                                                                                      |                                                                                                                                                                                                               |
| 0    | Horizontal                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                    |

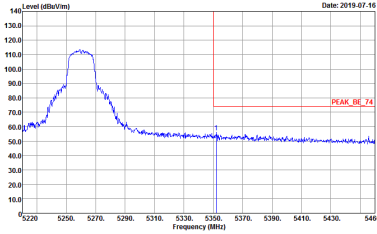
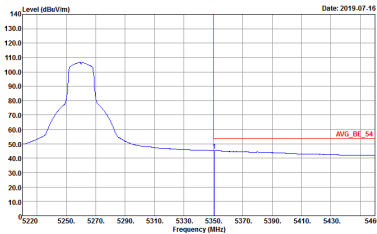


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                 |             |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH52 5260MHz - R                                                                                                                                                           |             |
| 0    | Horizontal                                                                                                                                                                         | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |

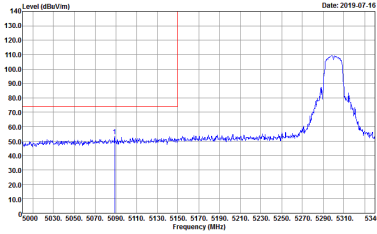
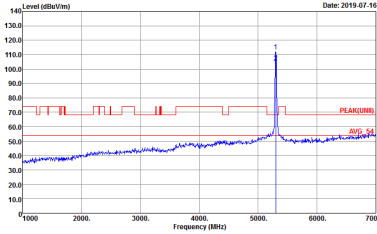
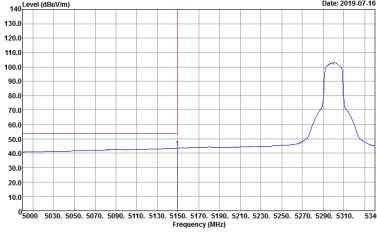


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH52 5260MHz - L                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>   | Left blank                                                                                                                                                                                                                                               |

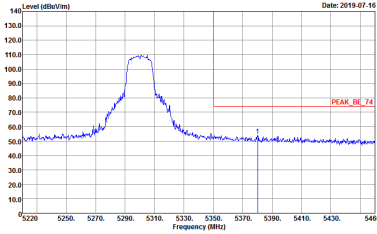
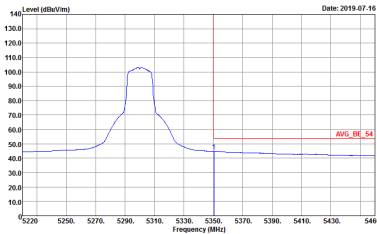


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH52 5260MHz - R                                                                                                                                                                                                                                           |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

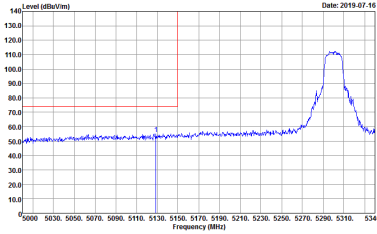
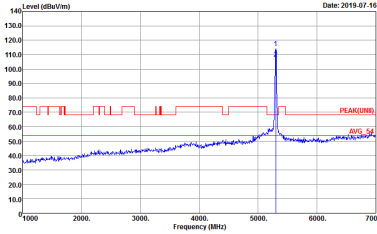
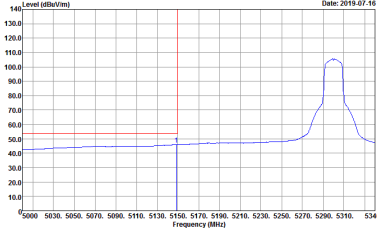


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH60 5300MHz - L                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                            |
| 0    | Horizontal                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                                 |

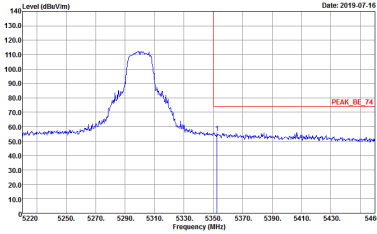
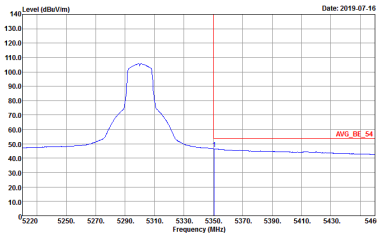


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                   |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH60 5300MHz - R                                                                                                                                                                                                                                             |             |
| 0    | Horizontal                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HV<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HV<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

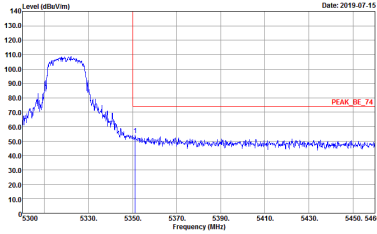
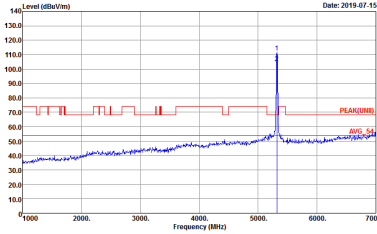
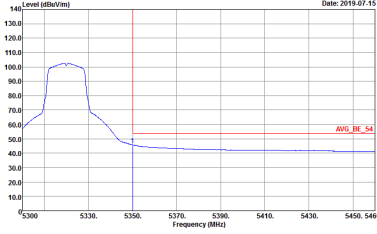


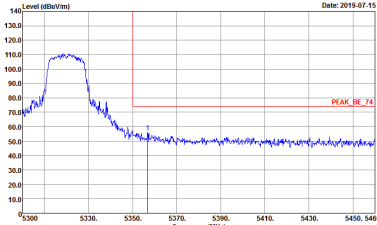
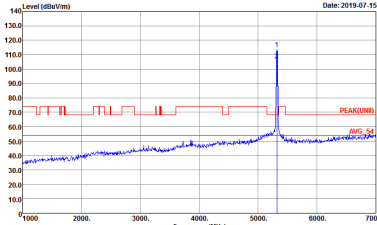
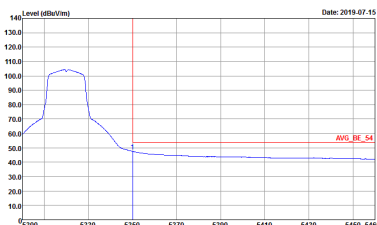
| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                    |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH60 5300MHz - L                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                    |
| 0    | Vertical                                                                                                                                                                                                                                                          | Fundamental                                                                                                                                                                                                                                                        |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>   | Left blank                                                                                                                                                                                                                                                         |



| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH60 5300MHz - R                                                                                                                                                                                                                                           |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

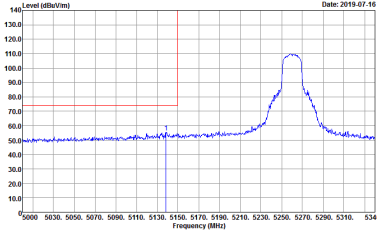
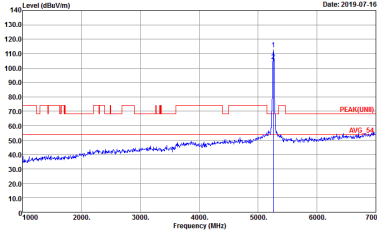
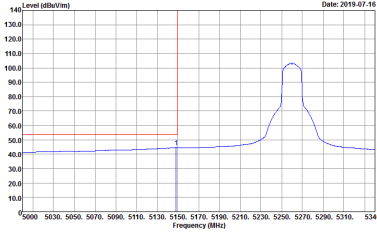


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH64 5320MHz                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                            |
| 0    | Horizontal                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                                 |

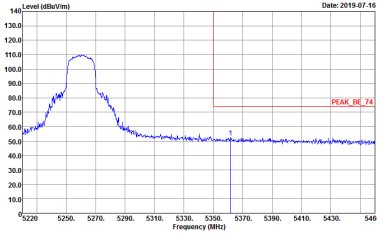
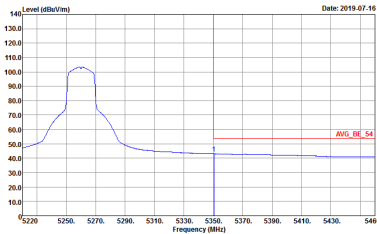
| WIFI        | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11a CH64 5320MHz                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                          |
| 0           | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| <b>Peak</b> |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
|             |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | <b>Left blank</b>                                                                                                                                                                                                                                        |



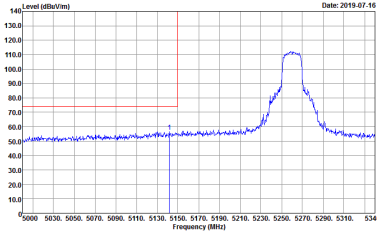
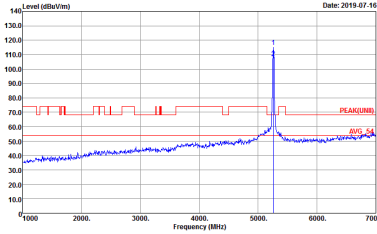
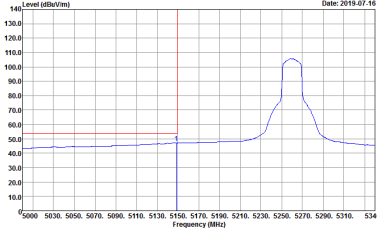
Band 2 5250~5350MHz  
WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                               |                                                                                                                                                                                                                                                   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH52 5260MHz - L                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                   |
| 0    | Horizontal                                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                                       |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p>                                    | Left blank                                                                                                                                                                                                                                        |

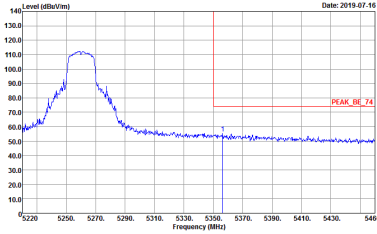
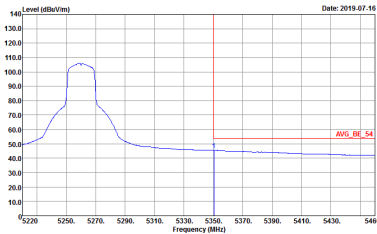


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                   |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH52 5260MHz - R                                                                                                                                                                                                                                        |             |
| 0    | Horizontal                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

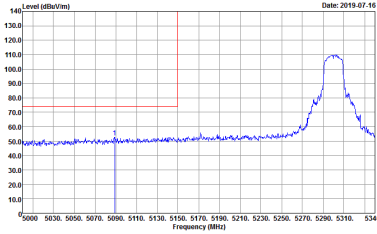
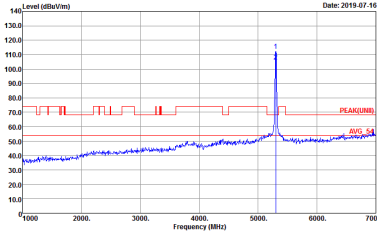
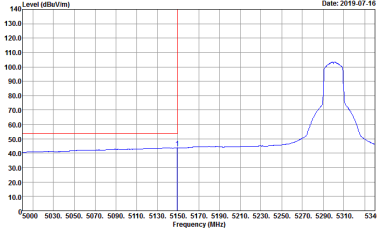


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH52 5260MHz - L                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                               |

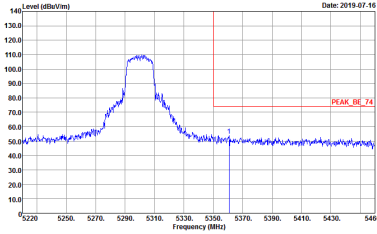
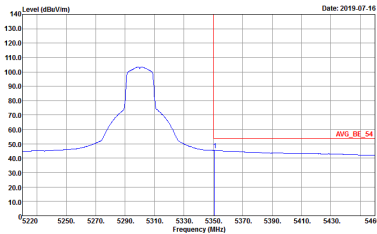


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH52 5260MHz - R                                                                                                                                                                                                                                      |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

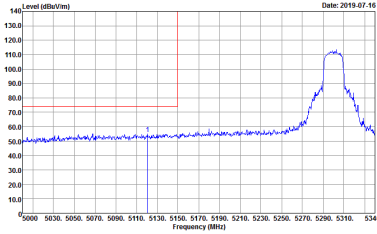
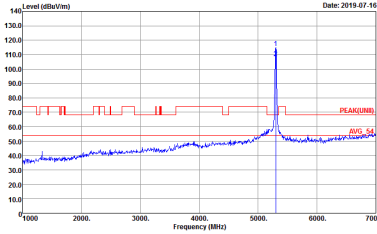
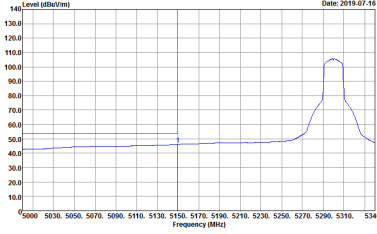


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH60 5300MHz - L                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                            |
| 0    | Horizontal                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                                 |

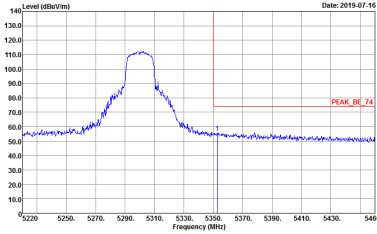
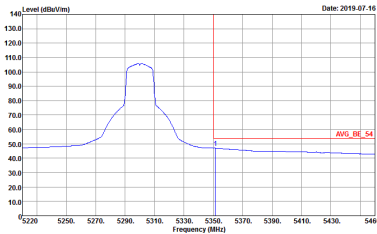


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                   |            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| ANT  | 802.11n HT20 CH60 5300MHz - R                                                                                                                                                                                                                                        |            |
| 0    | Horizontal                                                                                                                                                                                                                                                           | Vertical   |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank |

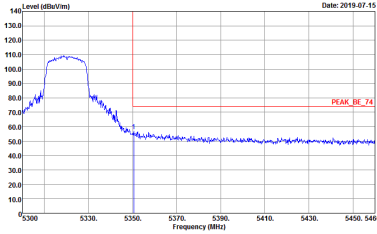
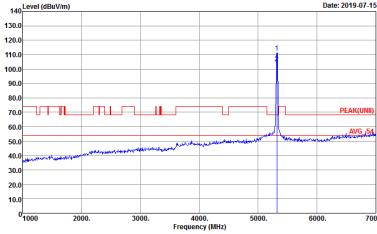
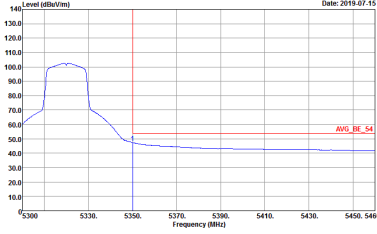


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH60 5300MHz - L                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                               |

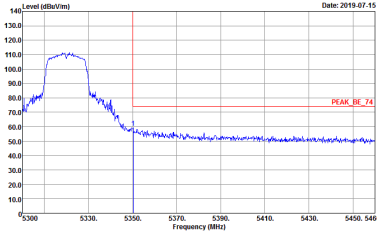
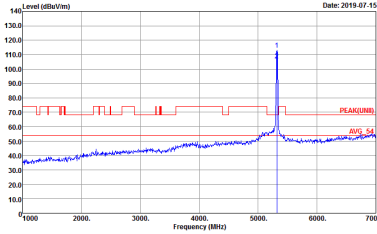
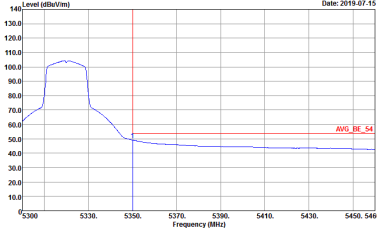


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                 |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH60 5300MHz - R                                                                                                                                                                                                                                      |             |
| 0    | Vertical                                                                                                                                                                                                                                                           | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |



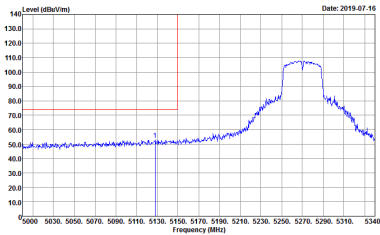
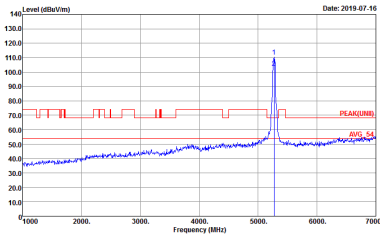
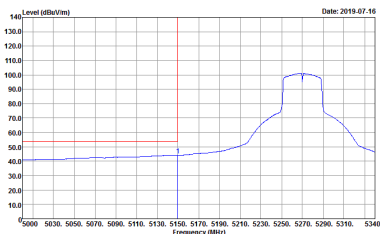
| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH64 5320MHz                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                            |
| 0    | Horizontal                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(FUND) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                                 |



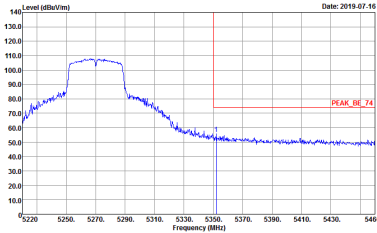
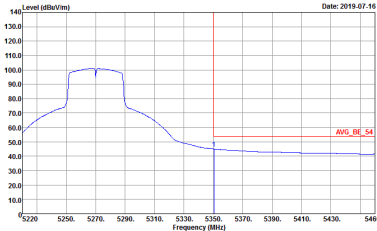
| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH64 5320MHz                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(FUND) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                               |



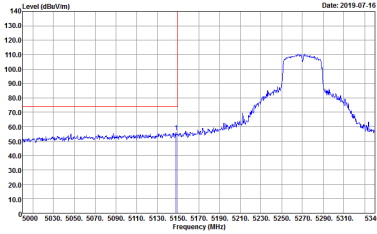
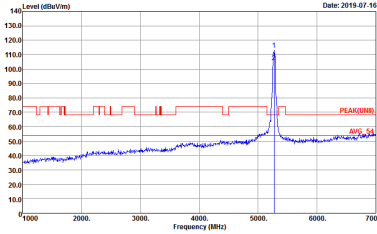
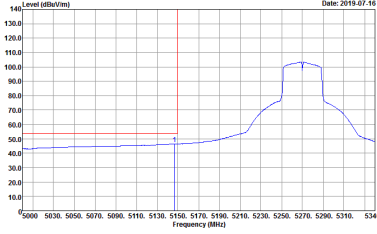
Band 2 5250~5350MHz  
WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                |                                                                                                                                                                                                                                                   |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH54 5270 - L                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                   |
| 0    | Horizontal                                                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                                                       |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01</p> | Left blank                                                                                                                                                                                                                                        |



| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                  |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH54 5270 - R                                                                                                                                                                                                                                          |             |
| 0    | Horizontal                                                                                                                                                                                                                                                          | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>   | Left blank  |

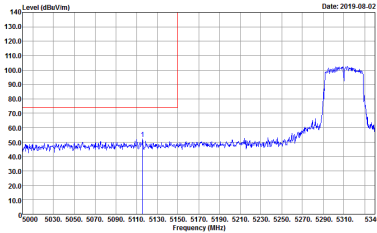
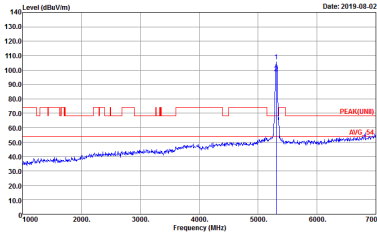
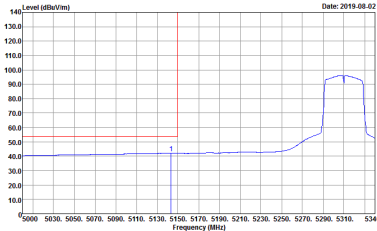


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH54 5270 - L                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                          |
| 0    | Vertical                                                                                                                                                                                                                                                | Vertical                                                                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>   | Left blank                                                                                                                                                                                                                                               |

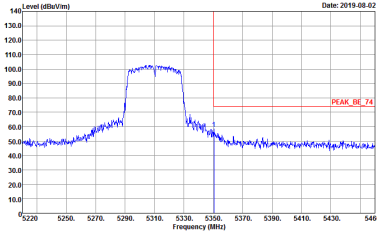
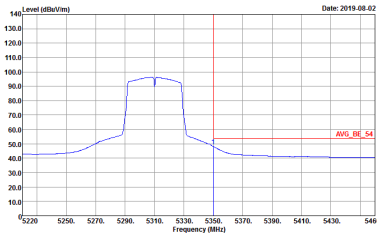


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                               |            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| ANT  | 802.11n HT40 CH54 5270 - R                                                                                                                                                       |            |
| 0    | Vertical                                                                                                                                                                         | Vertical   |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank |



| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                               |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH62 5310 - L                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                               |
| 0    | Horizontal                                                                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p>   | Left blank                                                                                                                                                                                                                                                                    |

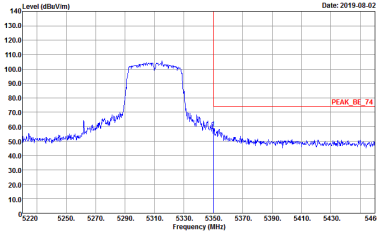
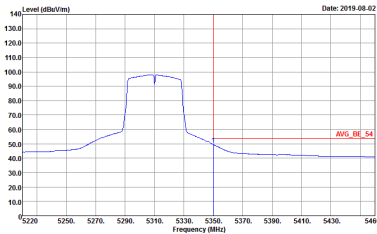


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                         |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH62 5310 - R                                                                                                                                                                                                                 |             |
| 0    | Horizontal                                                                                                                                                                                                                                 | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p></div> | Left blank  |



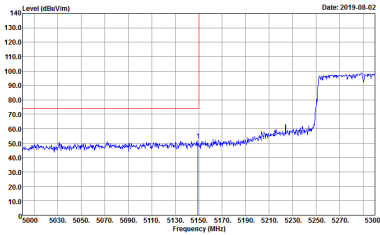
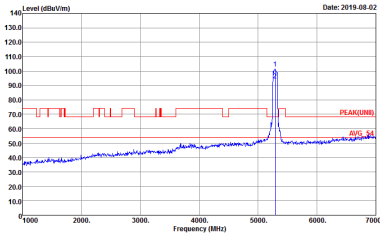
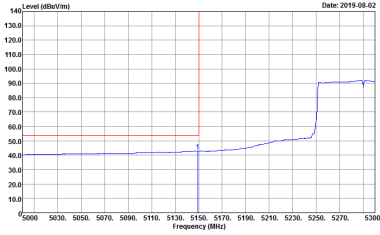
| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                          |                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH62 5310 - L                                                                                                                  |                                                                                                                                             |
| 0    | Vertical                                                                                                                                    | Fundamental                                                                                                                                 |
| Peak | <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p> | <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p>  | Left blank                                                                                                                                  |



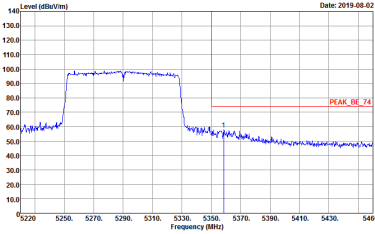
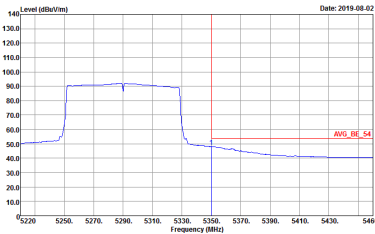
| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                                    |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH62 5310 - R                                                                                                                                                                                                                                                            |             |
| 0    | Vertical                                                                                                                                                                                                                                                                              | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p></div> | Left blank  |



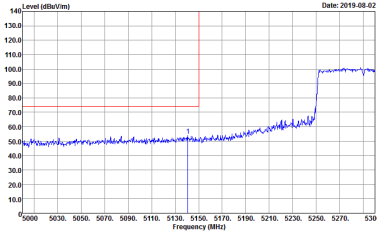
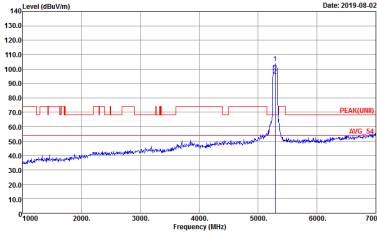
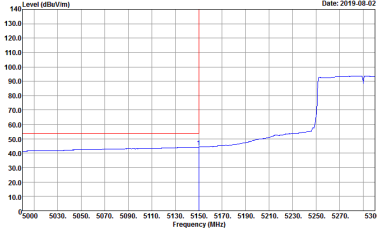
**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                              |                                                                                                                                                                                                                                 |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT80 CH58 5290MHz - L                                                                                                                                                                                                 |                                                                                                                                                                                                                                 |
| 0    | Horizontal                                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-1HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 91200-1HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-1HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p> | Left blank                                                                                                                                                                                                                      |

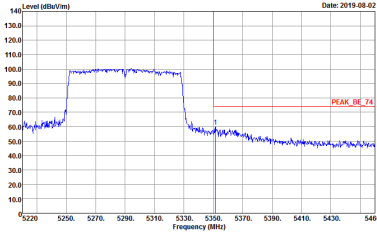
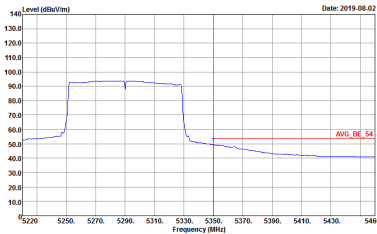


| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                                    |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ac VHT80 CH58 5290MHz - R                                                                                                                                                                                                                                                       |             |
| 0    | Horizontal                                                                                                                                                                                                                                                                            | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p></div> | Left blank  |



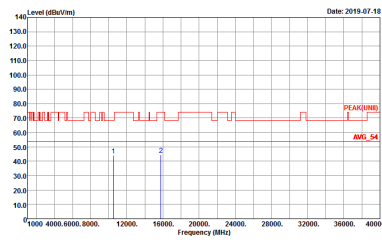
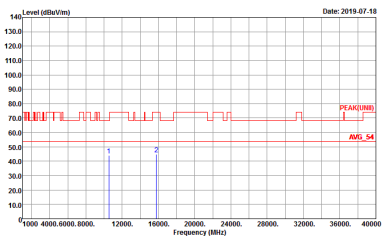
| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                           |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT80 CH58 5290MHz - L                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                           |
| 0    | Vertical                                                                                                                                                                                                                                                                  | Fundamental                                                                                                                                                                                                                                                               |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p> | Left blank                                                                                                                                                                                                                                                                |



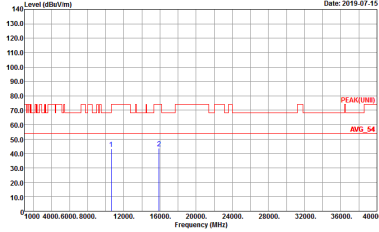
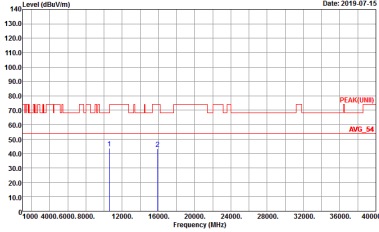
| WIFI | Band 2 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                                                                                  |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ac VHT80 CH58 5290MHz - R                                                                                                                                                                                                                                                     |             |
| 0    | Vertical                                                                                                                                                                                                                                                                            | Fundamental |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p></div>  | Left blank  |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15</p></div> | Left blank  |



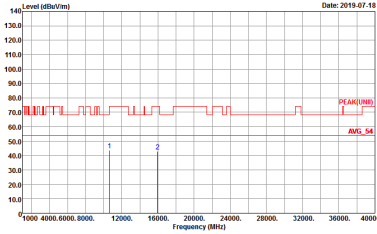
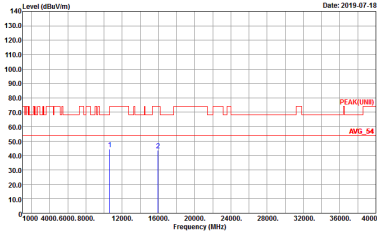
Band 2 - 5250~5350MHz  
WIFI 802.11a (Harmonic @ 3m)

| WIFI         | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                            |                                                                                                                                                                                                             |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH52 5260MHz                                                                                                                                                                                         |                                                                                                                                                                                                             |
| 0            | Horizontal                                                                                                                                                                                                   | Vertical                                                                                                                                                                                                    |
| Peak<br>Avg. |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p> |



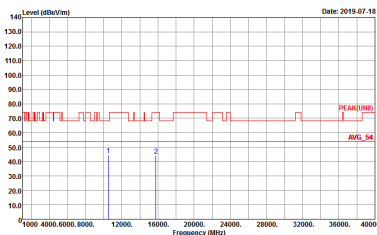
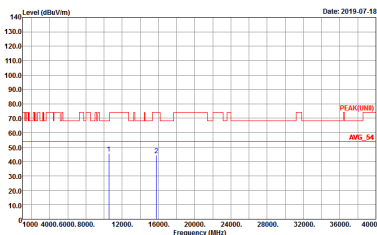
| WIFI         | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                                      |                                                                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH60 5300MHz                                                                                                                                                                                                   |                                                                                                                                                                                                                       |
| 0            | Horizontal                                                                                                                                                                                                             | Vertical                                                                                                                                                                                                              |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
|              |                                                                                                                                                                                                                        |                                                                                                                                                                                                                       |



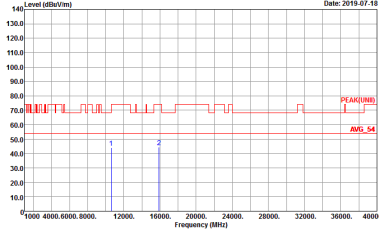
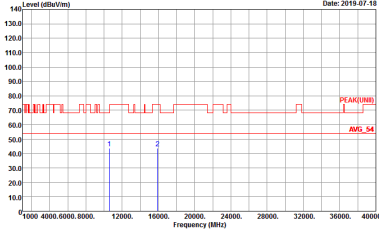
| WIFI         | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                                      |                                                                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH64 5320MHz                                                                                                                                                                                                   |                                                                                                                                                                                                                       |
| 0            | Horizontal                                                                                                                                                                                                             | Vertical                                                                                                                                                                                                              |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
|              |                                                                                                                                                                                                                        |                                                                                                                                                                                                                       |



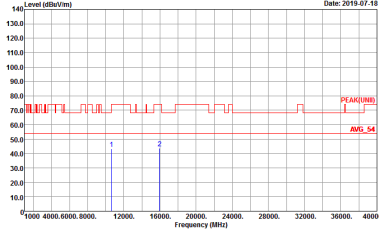
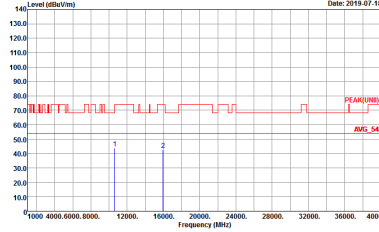
Band 2 5250~5350MHz  
WIFI 802.11n HT20 (Harmonic @ 3m)

| WIFI         | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                            |                                                                                                                                                                                                             |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11n HT20 CH52 5260MHz                                                                                                                                                                                    |                                                                                                                                                                                                             |
| 0            | Horizontal                                                                                                                                                                                                   | Vertical                                                                                                                                                                                                    |
| Peak<br>Avg. |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p> |

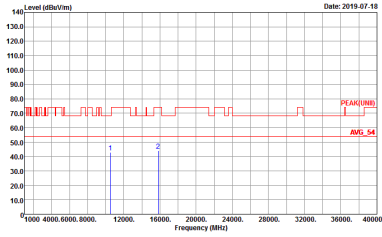
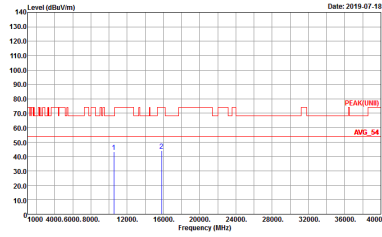


|              |                                                                                                                                                                                                                        |                                                                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI         | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                                      |                                                                                                                                                                                                                       |
| ANT          | 802.11n HT20 CH60 5300MHz                                                                                                                                                                                              |                                                                                                                                                                                                                       |
| 0            | Horizontal                                                                                                                                                                                                             | Vertical                                                                                                                                                                                                              |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p></div> |

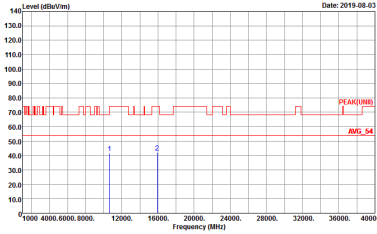
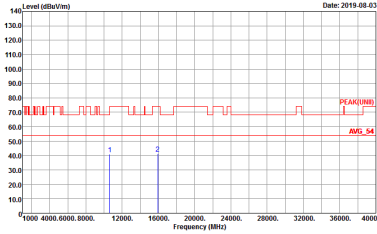


| WIFI         | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                            |                                                                                                                                                                                                             |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11n HT20 CH64 5320MHz                                                                                                                                                                                    |                                                                                                                                                                                                             |
| 0            | Horizontal                                                                                                                                                                                                   | Vertical                                                                                                                                                                                                    |
| Peak<br>Avg. |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01</p> |
|              |                                                                                                                                                                                                              |                                                                                                                                                                                                             |

**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

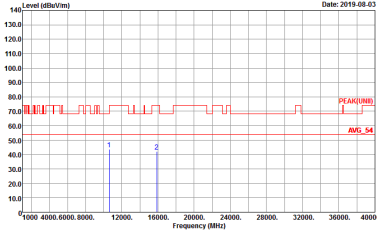
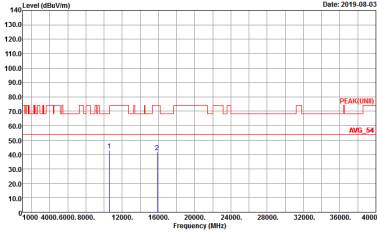
| WIFI                           | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                               |                                                                                                                                                                                                                |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11n HT40 CH54 5270                                                                                                                                                                                          |                                                                                                                                                                                                                |
| 0                              | Horizontal                                                                                                                                                                                                      | Vertical                                                                                                                                                                                                       |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH11-HY<br/> Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL<br/> Detector : Peak<br/> Project : 941514-01</p> |  <p>Site : 03CH11-HY<br/> Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL<br/> Detector : Peak<br/> Project : 941514-01</p> |



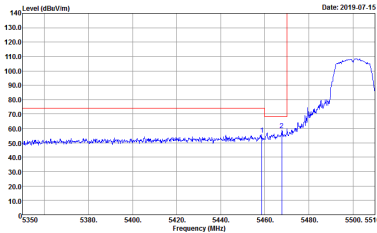
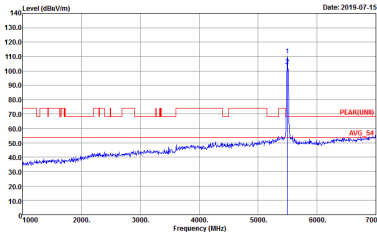
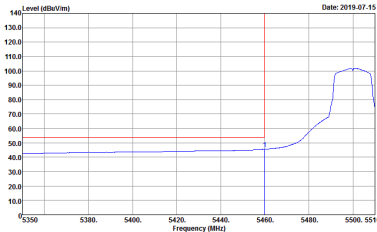
|              |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                         |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI         | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                                                        |                                                                                                                                                                                                                                         |
| ANT          | 802.11n HT40 CH62 5310                                                                                                                                                                                                                   |                                                                                                                                                                                                                                         |
| 0            | Horizontal                                                                                                                                                                                                                               | Vertical                                                                                                                                                                                                                                |
| Peak<br>Avg. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UWB) 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UWB) 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 15.5</p></div> |



Band 2 5250~5350MHz  
WIFI 802.11ac VHT80 (Harmonic @ 3m)

| WIFI         | Band 2 5250~5350MHz Harmonic @ 3m                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ac VHT80 CH58 5290MHz                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                  |
| 0            | Horizontal                                                                                                                                                                                                                                                        | Vertical                                                                                                                                                                                                                                                         |
| Peak<br>Avg. |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01<br/>Setting : 15</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01<br/>Setting : 15</p> |

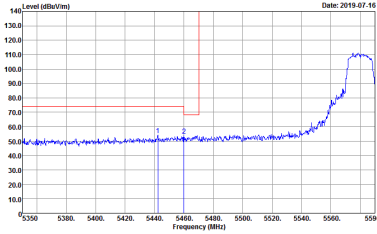
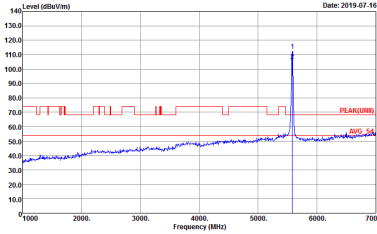
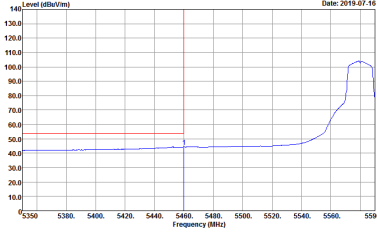
**Band 3 - 5470~5725MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

| WIFI        | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                        |                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11a CH100 5500MHz                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |
| 0           | Horizontal                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                         |
| <b>Peak</b> |  <p>Site : 03CH11-HY<br/> Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL<br/> Detector : Peak<br/> Project : 941514-01<br/> Setting : 18</p>  |  <p>Site : 03CH11-HY<br/> Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL<br/> Detector : Peak<br/> Project : 941514-01<br/> Setting : 18</p> |
| <b>Avg.</b> |  <p>Site : 03CH11-HY<br/> Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL<br/> Detector : Peak<br/> Project : 941514-01<br/> Setting : 18</p> | Left blank                                                                                                                                                                                                                          |

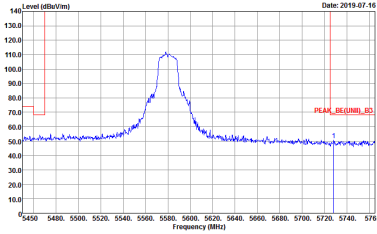


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                           |                                                                                                                                                                                        |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH100 5500MHz                                                                                                                                                                        |                                                                                                                                                                                        |
| 0    | Vertical                                                                                                                                                                                     | Fundamental                                                                                                                                                                            |
| Peak | <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 18</p> | <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 18</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 18</p>  | Left blank                                                                                                                                                                             |

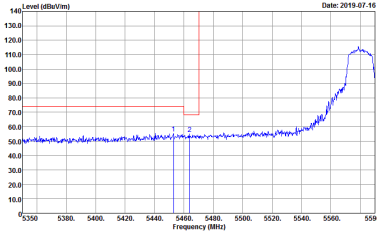
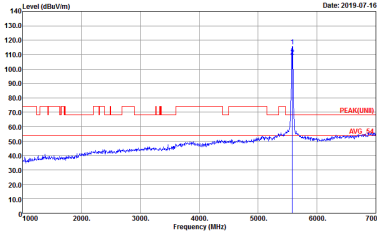
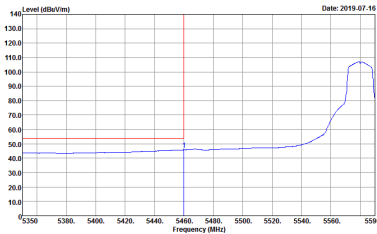


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                      |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH116 5580MHz - L                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                      |
| 0    | Horizontal                                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                          |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank                                                                                                                                                                                                                                                           |

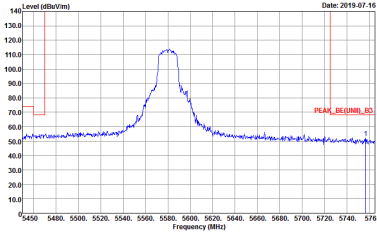


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                        |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH116 5580MHz - R                                                                                                                                                                                                                                                 |             |
| 0    | Horizontal                                                                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

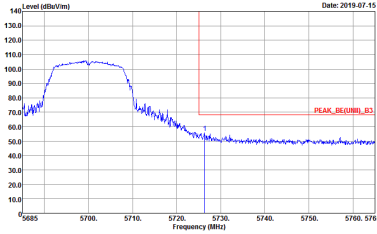
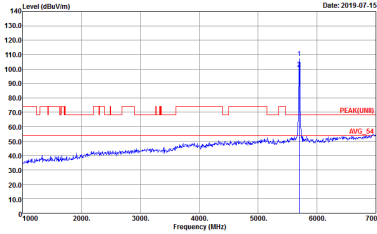


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                    |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH116 5580MHz - L                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                    |
| 0    | Vertical                                                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                                                        |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>   | Left blank                                                                                                                                                                                                                                                         |

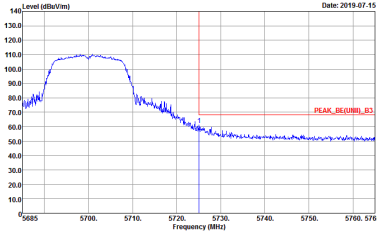
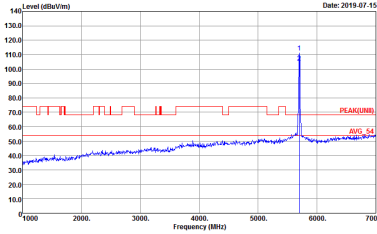


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                      |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH116 5580MHz - R                                                                                                                                                                                                                                               |             |
| 0    | Vertical                                                                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

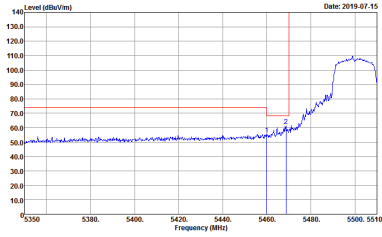
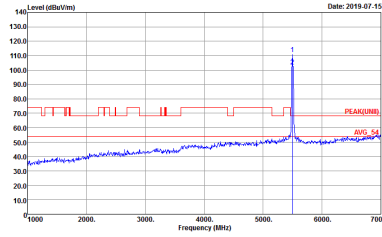
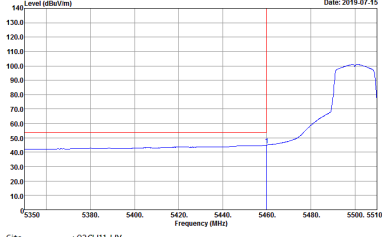


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                      |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH140 5700MHz                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
| 0    | Horizontal                                                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                                                          |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |

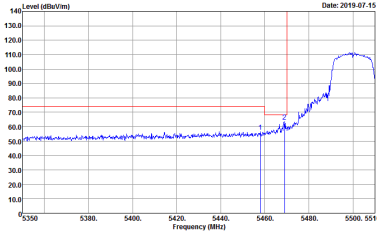
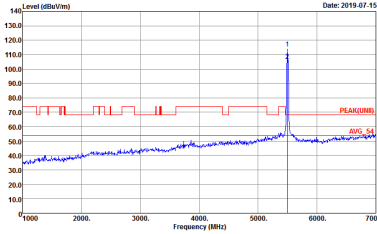
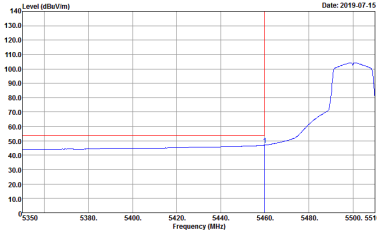


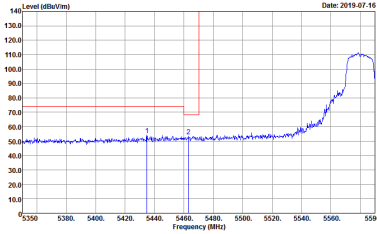
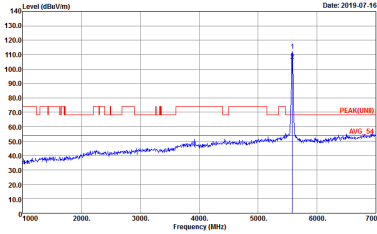
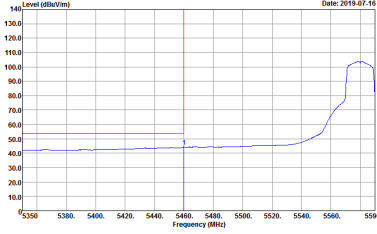
| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH140 5700MHz                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                       |
| 0    | Vertical                                                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                                                           |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
|      |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                       |

**Band 3 5470~5725MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

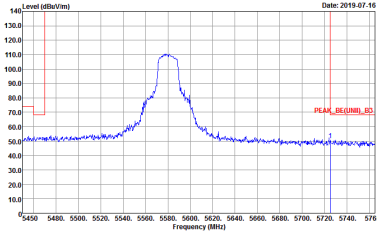
| WIFI        | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11n HT20 CH100 5500MHz                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                        |
| 0           | Horizontal                                                                                                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                                                                                            |
| <b>Peak</b> |  <p>           Site : 03CH11-HY<br/>           Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>           Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>           Project : 941514-01         </p>  |  <p>           Site : 03CH11-HY<br/>           Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL<br/>           Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>           Project : 941514-01         </p> |
| <b>Avg.</b> |  <p>           Site : 03CH11-HY<br/>           Condition : AVG_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>           Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>           Project : 941514-01         </p> | <b>Left blank</b>                                                                                                                                                                                                                                                                                      |



| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                    |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH100 5500MHz                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                    |
| 0    | Vertical                                                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                                                        |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank                                                                                                                                                                                                                                                         |

| WIFI        | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11n HT20 CH116 5580MHz - L                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                            |
| 0           | Horizontal                                                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                                                |
| <b>Peak</b> |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| <b>Avg.</b> |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | <b>Left blank</b>                                                                                                                                                                                                                                          |

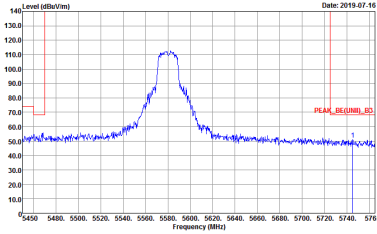


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                        |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH116 5580MHz - R                                                                                                                                                                                                                                            |             |
| 0    | Horizontal                                                                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |

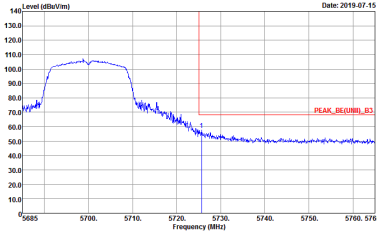
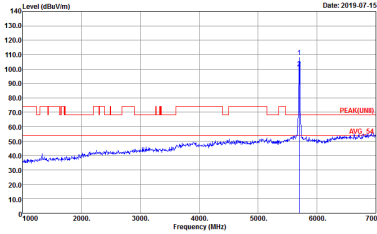


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                     |                                                                                                                                                                                  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH116 5580MHz - L                                                                                                                                                         |                                                                                                                                                                                  |
| 0    | Vertical                                                                                                                                                                               | Fundamental                                                                                                                                                                      |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |
| Avg. | <div><p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div>  | Left blank                                                                                                                                                                       |

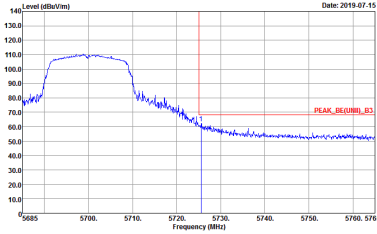
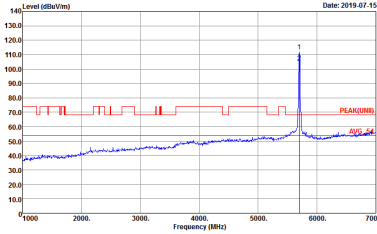


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                      |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT20 CH116 5580MHz - R                                                                                                                                                                                                                                          |             |
| 0    | Vertical                                                                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |



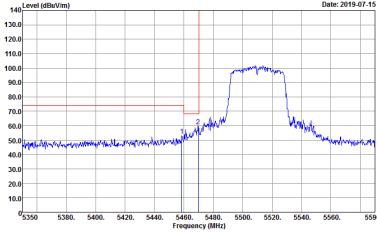
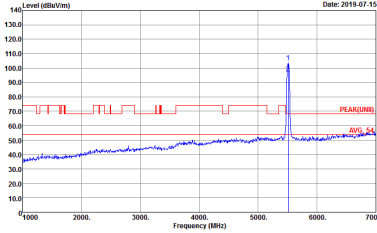
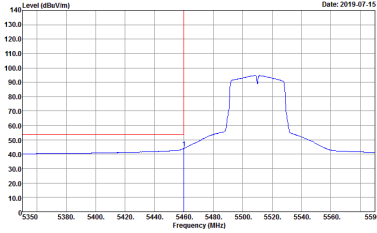
| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                      |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT20 CH140 5700MHz                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                      |
| 0    | Horizontal                                                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                                                          |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |



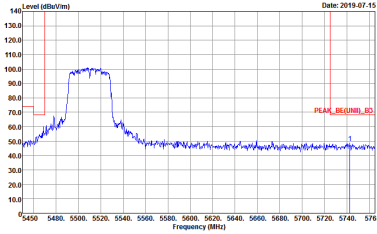
| WIFI  | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                    |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT   | 802.11n HT20 CH140 5700MHz                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                    |
| 0     | Vertical                                                                                                                                                                                                                                                                | Fundamental                                                                                                                                                                                                                                                        |
| Peak. | <div><p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | <div><p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> |



Band 3 5470~5725MHz  
WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                    |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH102 5510MHz - L                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                    |
| 0    | Horizontal                                                                                                                                                                                                                                                               | Fundamental                                                                                                                                                                                                                                                        |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01<br/>Setting : 12</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01<br/>Setting : 12</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Project : 941514-01<br/>Setting : 12</p> | Left blank                                                                                                                                                                                                                                                         |

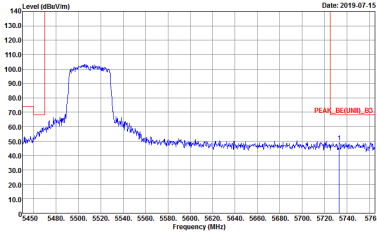


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                                                    |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH102 5510MHz - R                                                                                                                                                                                                                                                                        |             |
| 0    | Horizontal                                                                                                                                                                                                                                                                                            | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Defector : Peak<br/>Project : 941514-01<br/>Setting : 12</p></div> | Left blank  |

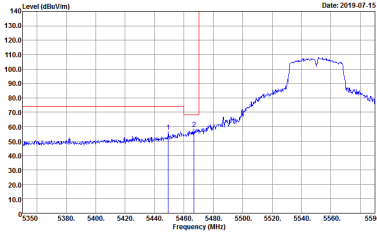
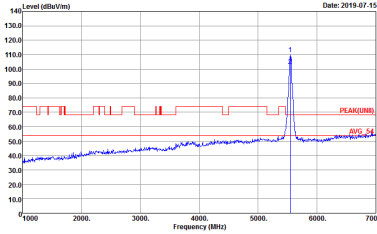
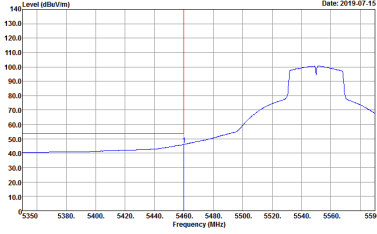


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                           |                                                                                                                                                                                        |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH102 5510MHz - L                                                                                                                                                               |                                                                                                                                                                                        |
| 0    | Vertical                                                                                                                                                                                     | Fundamental                                                                                                                                                                            |
| Peak | <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p> | <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p>  | Left blank                                                                                                                                                                             |

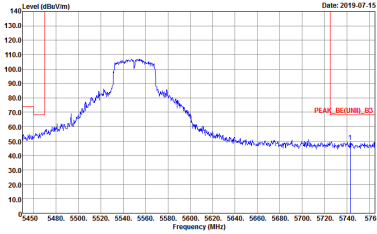


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                          |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH102 5510MHz - R                                                                                                                                                                                                              |             |
| 0    | Vertical                                                                                                                                                                                                                                    | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 12</p></div> | Left blank  |

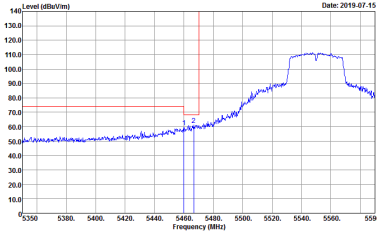
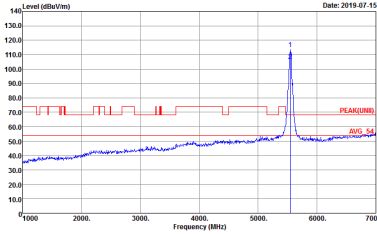
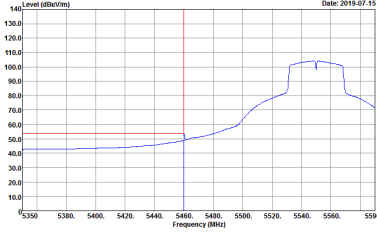


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                   |                                                                                                                                                                                                                                |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH110 5550MHz - L                                                                                                                                                                                                       |                                                                                                                                                                                                                                |
| 0    | Horizontal                                                                                                                                                                                                                           | Fundamental                                                                                                                                                                                                                    |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 20</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 20</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 20</p> | Left blank                                                                                                                                                                                                                     |

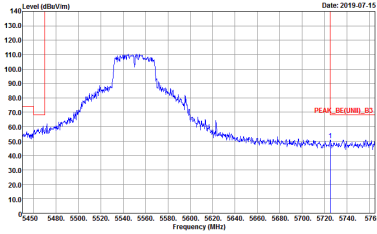


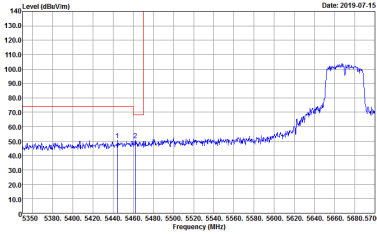
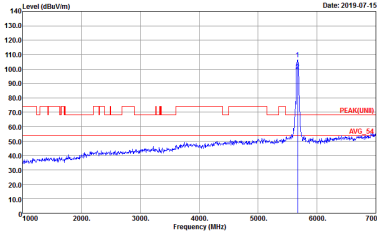
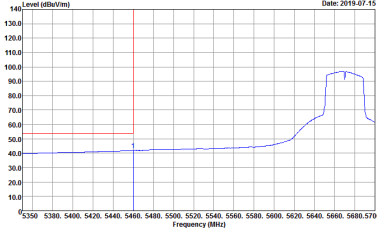
| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                                                    |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH110 5550MHz - R                                                                                                                                                                                                                                                                        |             |
| 0    | Horizontal                                                                                                                                                                                                                                                                                            | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Defector : Peak<br/>Project : 941514-01<br/>Setting : 20</p></div> | Left blank  |



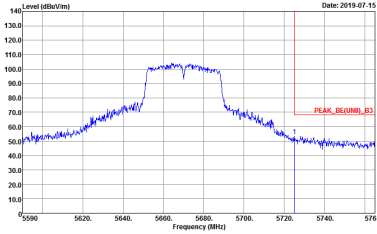
| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                           |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH110 5550MHz - L                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                           |
| 0    | Vertical                                                                                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                                                                               |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 20</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 20</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 20</p> | Left blank                                                                                                                                                                                                                                                                |



| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                          |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH110 5550MHz - R                                                                                                                                                                                                              |             |
| 0    | Vertical                                                                                                                                                                                                                                    | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 20</p></div> | Left blank  |

| WIFI        | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11n HT40 CH134 5670MHz - L                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                            |
| 0           | Horizontal                                                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                                                |
| <b>Peak</b> |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| <b>Avg.</b> |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | <b>Left blank</b>                                                                                                                                                                                                                                          |

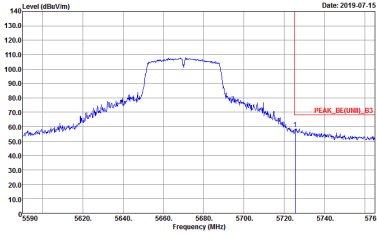


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                        |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH134 5670MHz - R                                                                                                                                                                                                                                            |             |
| 0    | Horizontal                                                                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |



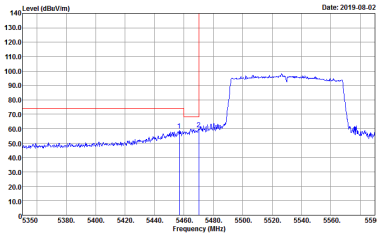
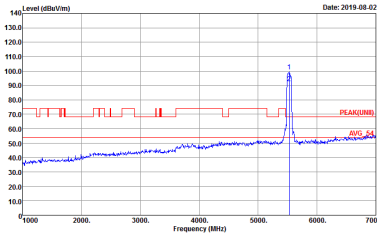
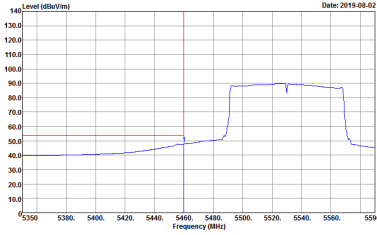
| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                          |                                                                                                                                                                       |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11n HT40 CH134 5670MHz - L                                                                                                                                              |                                                                                                                                                                       |
| 0    | Vertical                                                                                                                                                                    | Fundamental                                                                                                                                                           |
| Peak | <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> | <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p> |
| Avg. | <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p>  | Left blank                                                                                                                                                            |



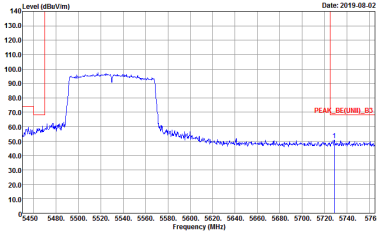
| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                      |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11n HT40 CH134 5670MHz - R                                                                                                                                                                                                                                          |             |
| 0    | Vertical                                                                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01</p></div> | Left blank  |



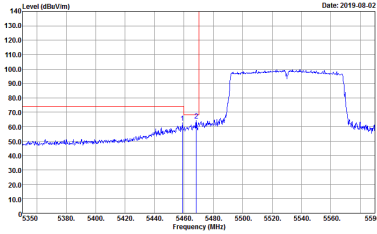
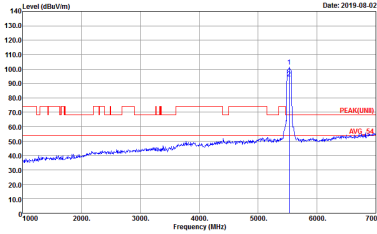
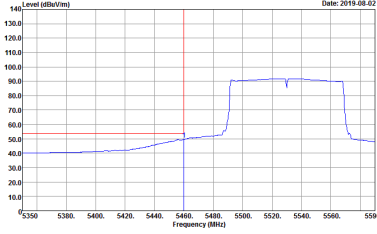
**Band 3 5470~5725MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                     |                                                                                                                                                                                                                                  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT80 CH106 5530MHz - L                                                                                                                                                                                                       |                                                                                                                                                                                                                                  |
| 0    | Horizontal                                                                                                                                                                                                                             | Fundamental                                                                                                                                                                                                                      |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 10.5</p>  |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 10.5</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 10.5</p> | Left blank                                                                                                                                                                                                                       |

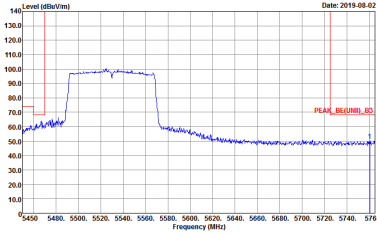


| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                              |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ac VHT80 CH106 5530MHz - R                                                                                                                                                                                                                |             |
| 0    | Horizontal                                                                                                                                                                                                                                      | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 10.5</p></div> | Left blank  |



| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT80 CH106 5530MHz - L                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                             |
| 0    | Vertical                                                                                                                                                                                                                                                                         | Fundamental                                                                                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 10.5</p> |  <p>Site : 03CH11-HY<br/>Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 10.5</p> |
| Avg. |  <p>Site : 03CH11-HY<br/>Condition : AVG_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 10.5</p>   | Left blank                                                                                                                                                                                                                                                                  |



| WIFI | Band 3 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                                                   |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ac VHT80 CH106 5530MHz - R                                                                                                                                                                                                                                     |             |
| 0    | Vertical                                                                                                                                                                                                                                                             | Fundamental |
| Peak | <div><p>Site : 09CH11-HY<br/>Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF VERTICAL<br/>Detector : Peak<br/>Project : 941514-01<br/>Setting : 10.5</p><p>Date: 2019.08.02</p></div> | Left blank  |