

# TEST REPORT

## CERTIFICATE OF CONFORMITY

**Standard:** 47 CFR FCC Part 15, Subpart E (Section 15.407)  
**Report No.:** RFBARR-WTW-P22120081S-1  
**FCC ID:** RAS-MT7922A22M  
**Product:** 2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card  
**Brand:** MediaTek  
**Model No.:** MT7922A22M  
**Received Date:** 2024/9/26  
**Test Date:** 2024/10/7 ~ 2024/11/7  
**Issued Date:** 2024/11/28  
**Applicant:** MediaTek Inc.  
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**FCC Registration /** (1) 788550 / TW0003  
**Designation Number:** (2) 281270 / TW0032

Approved by:

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, Date:

2024/11/28

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Prepared by : Vera Huang / Specialist



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## Table of Contents

|                                                                     |            |
|---------------------------------------------------------------------|------------|
| <b>Release Control Record .....</b>                                 | <b>3</b>   |
| <b>1 Certificate.....</b>                                           | <b>4</b>   |
| <b>2 Summary of Test Results .....</b>                              | <b>5</b>   |
| 2.1 Measurement Uncertainty .....                                   | 5          |
| 2.2 Supplementary Information .....                                 | 5          |
| <b>3 General Information .....</b>                                  | <b>6</b>   |
| 3.1 General Description of EUT .....                                | 6          |
| 3.2 Antenna Description of EUT .....                                | 7          |
| 3.3 Channel List.....                                               | 10         |
| 3.4 Test Mode Applicability and Tested Channel Detail.....          | 12         |
| 3.5 Duty Cycle of Test Signal.....                                  | 13         |
| 3.6 Test Program Used and Operation Descriptions .....              | 15         |
| 3.7 Connection Diagram of EUT and Peripheral Devices .....          | 15         |
| 3.8 Configuration of Peripheral Devices and Cable Connections ..... | 15         |
| <b>4 Test Instruments .....</b>                                     | <b>16</b>  |
| 4.1 AC Power Conducted Emissions .....                              | 16         |
| 4.2 Unwanted Emissions below 1 GHz .....                            | 17         |
| 4.3 Unwanted Emissions above 1 GHz.....                             | 18         |
| <b>5 Limits of Test Items.....</b>                                  | <b>19</b>  |
| 5.1 AC Power Conducted Emissions .....                              | 19         |
| 5.2 Unwanted Emissions below 1 GHz .....                            | 19         |
| 5.3 Unwanted Emissions above 1 GHz.....                             | 20         |
| <b>6 Test Arrangements.....</b>                                     | <b>21</b>  |
| 6.1 AC Power Conducted Emissions .....                              | 21         |
| 6.1.1 Test Setup .....                                              | 21         |
| 6.1.2 Test Procedure .....                                          | 21         |
| 6.2 Unwanted Emissions below 1 GHz .....                            | 22         |
| 6.2.1 Test Setup .....                                              | 22         |
| 6.2.2 Test Procedure .....                                          | 23         |
| 6.3 Unwanted Emissions above 1 GHz.....                             | 24         |
| 6.3.1 Test Setup .....                                              | 24         |
| 6.3.2 Test Procedure .....                                          | 24         |
| <b>7 Test Results of Test Item .....</b>                            | <b>25</b>  |
| 7.1 AC Power Conducted Emissions .....                              | 25         |
| 7.2 Unwanted Emissions below 1 GHz .....                            | 27         |
| 7.3 Unwanted Emissions above 1 GHz.....                             | 29         |
| <b>8 Pictures of Test Arrangements .....</b>                        | <b>134</b> |
| <b>9 Information of the Testing Laboratories .....</b>              | <b>135</b> |

**Release Control Record**

| Issue No.               | Description      | Date Issued |
|-------------------------|------------------|-------------|
| RFBARR-WTW-P22120081S-1 | Original Release | 2024/11/28  |

## 1 Certificate

**Product:** 2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card

**Brand:** MediaTek

**Test Model:** MT7922A22M

**Sample Status:** Engineering sample

**Applicant:** MediaTek Inc.

**Test Date:** 2024/10/7 ~ 2024/11/7

**Standard:** 47 CFR FCC Part 15, Subpart E (Section 15.407)

**Measurement** ANSI C63.10-2013

**procedure:** KDB 789033 D02 General UNII Test Procedure New Rules v02r01

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

## 2 Summary of Test Results

| 47 CFR FCC Part 15, Subpart E (Section 15.407)                                  |                                |        |                                                                                                 |
|---------------------------------------------------------------------------------|--------------------------------|--------|-------------------------------------------------------------------------------------------------|
| Clause                                                                          | Test Item                      | Result | Remark                                                                                          |
| 15.407(a)(2)                                                                    | 26 dB Bandwidth                | N/A    | Refer to Note 1                                                                                 |
| 15.407(a)(1)<br>15.407(a)(2)<br>15.407(a)(3)                                    | RF Output Power                | N/A    | Refer to Note 1                                                                                 |
| 15.407(a)(1)<br>15.407(a)(2)<br>15.407(a)(3)                                    | Power Spectral Density         | N/A    | Refer to Note 1                                                                                 |
| 15.407(e)                                                                       | 6 dB Bandwidth                 | N/A    | Refer to Note 1                                                                                 |
| ---                                                                             | Occupied Bandwidth             | N/A    | Refer to Note 1                                                                                 |
| 15.407(b)(9)                                                                    | AC Power Conducted Emissions   | Pass   | Minimum passing margin is -14.12 dB at 0.17000 MHz                                              |
| 15.407(b)(9)                                                                    | Unwanted Emissions below 1 GHz | Pass   | Minimum passing margin is -5.7 dB at 398.60 MHz                                                 |
| 15.407(b) (1/10)<br>15.407(b) (2/10)<br>15.407(b) (3/10)<br>15.407(b) (4(i)/10) | Unwanted Emissions above 1 GHz | Pass   | Minimum passing margin is -0.2 dB at 5150.00, 5350.00 and 11650.00 MHz                          |
| 15.203                                                                          | Antenna Requirement            | Pass   | Antenna connector is ipex(MHF) / R-SMA / RP SMA PLUG / IPEX-4L / IPEX not a standard connector. |

### Notes:

- Only AC power conducted emissions and unwanted emissions tests were performed for this addendum. Please refer to original report for others testing data.
- Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

### 2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| Parameter                      | Specification   | Uncertainty (±) |
|--------------------------------|-----------------|-----------------|
| AC Power Conducted Emissions   | 9 kHz ~ 30 MHz  | 2.90 dB         |
| Unwanted Emissions below 1 GHz | 9 kHz ~ 30 MHz  | 3 dB            |
|                                | 30 MHz ~ 1 GHz  | 2.93 dB         |
| Unwanted Emissions above 1 GHz | 1 GHz ~ 18 GHz  | 1.76 dB         |
|                                | 18 GHz ~ 40 GHz | 1.77 dB         |

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

### 2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

### 3 General Information

#### 3.1 General Description of EUT

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product               | 2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Brand                 | MediaTek                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Test Model            | MT7922A22M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Status of EUT         | Engineering sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Supply Rating   | 3.3 Vdc from host equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation Type       | 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM<br>1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Modulation Technology | OFDM, OFDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Transfer Rate         | 802.11a: 54/48/36/24/18/12/9/6Mbps<br>802.11n: up to 300Mbps<br>802.11ac: up to 1733.3Mbps<br>802.11ax: up to 2401.9Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operating Frequency   | 5180 ~ 5320MHz, 5500 ~ 5720MHz, 5745 ~ 5825MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Number of Channel     | 5180 ~ 5320MHz:<br>802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 8<br>802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 4<br>802.11ac (VHT80), 802.11ax (HE80): 2<br>802.11ac (VHT160), 802.11ax (HE160): 1<br>5500 ~ 5720MHz:<br>802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 12<br>802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 6<br>802.11ac (VHT80), 802.11ax (HE80): 3<br>802.11ac (VHT160), 802.11ax (HE160): 1<br>5745 ~ 5825MHz:<br>802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 5<br>802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 2<br>802.11ac (VHT80), 802.11ax (HE80): 1 |

#### Note:

- This is a supplementary report of Report No.: RFBARR-WTW-P21030485L-5 and RFBARR-WTW-P21030485Z-5. The differences between them are as below information:  
◆ Add Monopole antennas (Refer to section 3.2)
- According to above condition, only AC power conducted emissions and unwanted emissions tests were verified. And all data are verified to meet the requirements.
- There are Bluetooth and WLAN (2.4GHz & 5GHz & 5.9GHz & 6GHz) technology used for the EUT.
- The equipment supports 2 types of M.2 form factor A-E Key and E Key. E Key was selected as representative type for the test and its data was recorded in this report.
- Simultaneously transmission condition.

| Condition | Technology    |           |
|-----------|---------------|-----------|
| 1         | WLAN (5GHz)   | Bluetooth |
| 2         | WLAN (6GHz)   | Bluetooth |
| 3         | WLAN (5.9GHz) | Bluetooth |

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

- The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

### 3.2 Antenna Description of EUT

1. The following antennas were provided to the EUT. (New antenna is marked in gray.)

| Ant. No. | RF Chain No. | Brand  | Model                  | Antenna Net Gain (dBi)                           | Frequency Range (GHz)                                                                | Antenna Type | Connector Type | Cable Length (mm) |
|----------|--------------|--------|------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------|--------------|----------------|-------------------|
| 1        | Chain0       | PSA    | RFMTA340718<br>EMLB302 | 3.18<br>4.92                                     | 2.4~2.4835<br>5.15~5.85                                                              | PIFA         | i-pex<br>(MHF) | 200               |
|          | Chain1       | PSA    | RFMTA340718<br>EMLB302 | 3.18<br>4.92                                     | 2.4~2.4835<br>5.15~5.85                                                              | PIFA         | i-pex<br>(MHF) | 200               |
| 2        | Chain0       | PSA    | RFMTA311020<br>EMMB301 | 1.71<br>4.82<br>4.76<br>4.29<br>4.61<br>4.09     | 2.4~2.4835<br>5.15~5.85<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125  | PIFA         | i-pex<br>(MHF) | 200               |
|          | Chain1       | PSA    | RFMTA311020<br>EMMB301 | 1.71<br>4.82<br>4.76<br>4.29<br>4.61<br>4.09     | 2.4~2.4835<br>5.15~5.85<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125  | PIFA         | i-pex<br>(MHF) | 200               |
| 3        | Chain0       | Cortec | AN2450-4902BRS         | 2.42<br>3.87                                     | 2.4~2.4835<br>5.15~5.85                                                              | Dipole       | R-SMA          | 150               |
|          | Chain1       | Cortec | AN2450-4902BRS         | 2.42<br>3.87                                     | 2.4~2.4835<br>5.15~5.85                                                              | Dipole       | R-SMA          | 150               |
| 4        | Chain0       | VSO    | JR2Q00340-1            | 1.62<br>3.2<br>3.93<br>3.61<br>3.61<br>3.14      | 2.4~2.4835<br>5.15~5.85<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125  | Dipole       | RP SMA<br>PLUG | 40                |
|          | Chain1       | VSO    | JR2Q00340-1            | 1.62<br>3.2<br>3.93<br>3.61<br>3.61<br>3.14      | 2.4~2.4835<br>5.15~5.85<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125  | Dipole       | RP SMA<br>PLUG | 40                |
| 5        | Chain0       | MSI    | WA-P-LE-02-045 (Main)  | 2.24<br>2.68<br>3.01<br>-1.23<br>-1.96<br>-3.68  | 2.4~2.4835<br>5.15~5.895<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125 | PIFA         | IPEX-4L        | 190               |
|          | Chain1       | MSI    | WA-P-LE-02-046 (Aux)   | -2.96<br>1.16<br>0.99<br>-2.31<br>-2.54<br>-7.44 | 2.4~2.4835<br>5.15~5.895<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125 | PIFA         | IPEX-4L        | 325               |
| 6        | Chain0       | PSA    | RFPCA460632IMMB701     | -13.2<br>-13.67<br>-13.67<br>-13.09              | 5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125                             | Dipole       | IPEX           | 320               |
|          | Chain1       | PSA    | RFPCA460632IMMB701     | -13.2<br>-13.67<br>-13.67<br>-13.09              | 5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125                             | Dipole       | IPEX           | 320               |

| Ant. No. | RF Chain No. | Brand  | Model              | Antenna Net Gain (dBi)                      | Frequency Range (GHz)                                                                | Antenna Type | Connector Type | Cable Length (mm) |
|----------|--------------|--------|--------------------|---------------------------------------------|--------------------------------------------------------------------------------------|--------------|----------------|-------------------|
| 7        | Chain0       | PSA    | RFMTA421230IMMB701 | -13.92<br>-13.91<br>-13.91<br>-14.46        | 5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125                             | PIFA         | IPEX           | 300               |
|          | Chain1       | PSA    | RFMTA421230IMMB701 | -13.92<br>-13.91<br>-13.91<br>-14.46        | 5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125                             | PIFA         | IPEX           | 300               |
| 8        | Chain0       | HongBo | 260-25105          | 3.1<br>3.33<br>4.23<br>4.22<br>4.01<br>3.07 | 2.4~2.4835<br>5.15~5.895<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125 | Monopole     | ipex(MHF)      | 486               |
|          | Chain1       | HongBo | 260-25105          | 3.1<br>3.33<br>4.23<br>4.22<br>4.01<br>3.07 | 2.4~2.4835<br>5.15~5.895<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125 | Monopole     | ipex(MHF)      | 486               |
| 9        | Chain0       | HongBo | 260-25106          | 4.91<br>4.73<br>4.29<br>4.58<br>4.09        | 5.15~5.895<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125               | Monopole     | ipex(MHF)      | 350               |
|          | Chain1       | HongBo | 260-25106          | 4.91<br>4.73<br>4.29<br>4.58<br>4.09        | 5.15~5.895<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125               | Monopole     | ipex(MHF)      | 350               |

\* Antenna 9 was chosen for final test.

\* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.



2. The EUT incorporates a MIMO function:

| 5 GHz Band                               |                       |     |
|------------------------------------------|-----------------------|-----|
| Modulation Mode                          | TX & RX Configuration |     |
| 802.11a                                  | 2TX                   | 2RX |
| 802.11n (HT20)                           | 2TX                   | 2RX |
| 802.11n (HT40)                           | 2TX                   | 2RX |
| 802.11ac (VHT20)                         | 2TX                   | 2RX |
| 802.11ac (VHT40)                         | 2TX                   | 2RX |
| 802.11ac (VHT80)                         | 2TX                   | 2RX |
| 802.11ac (VHT160)                        | 2TX                   | 2RX |
| 802.11ax (HE20)                          | 2TX                   | 2RX |
| 802.11ax (HE40)                          | 2TX                   | 2RX |
| 802.11ax (HE80)                          | 2TX                   | 2RX |
| 802.11ax (HE160)                         | 2TX                   | 2RX |
| 802.11ax (RU26/52/106/242/484/996/996*2) | 2TX                   | 2RX |

Note:

1. The bandwidth and modulation are similar for HT20/HT40 on 802.11n mode and VHT20/VHT40 on 802.11ac mode and HE20/HE40 on 802.11ax mode. The bandwidth and modulation are similar for VHT80/VHT160 on 802.11ac mode and HE80/HE160 on 802.11ax mode. Therefore the investigated worst case is the representative mode in test report.

### 3.3 Channel List

For 5180 ~ 5320MHz:

8 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 36      | 5180 MHz  | 44      | 5220 MHz  |
| 40      | 5200 MHz  | 48      | 5240 MHz  |
| 52      | 5260 MHz  | 60      | 5300 MHz  |
| 56      | 5280 MHz  | 64      | 5320 MHz  |

4 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 38      | 5190 MHz  | 46      | 5230 MHz  |
| 54      | 5270 MHz  | 62      | 5310 MHz  |

2 channels are provided for 802.11ac (VHT80), 802.11ax (HE80):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 42      | 5210MHz   | 58      | 5290MHz   |

1 channel is provided for 802.11ac (VHT160), 802.11ax (HE160):

| Channel | Frequency |
|---------|-----------|
| 50      | 5250MHz   |

For 5500 ~ 5720MHz:

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 100     | 5500 MHz  | 124     | 5620 MHz  |
| 104     | 5520 MHz  | 128     | 5640 MHz  |
| 108     | 5540 MHz  | 132     | 5660 MHz  |
| 112     | 5560 MHz  | 136     | 5680 MHz  |
| 116     | 5580 MHz  | 140     | 5700 MHz  |
| 120     | 5600 MHz  | 144     | 5720 MHz  |

6 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 102     | 5510 MHz  | 126     | 5630 MHz  |
| 110     | 5550 MHz  | 134     | 5670 MHz  |
| 118     | 5590 MHz  | 142     | 5710 MHz  |

3 channels are provided for 802.11ac (VHT80), 802.11ax (HE80):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 106     | 5530 MHz  | 122     | 5610 MHz  |
| 138     | 5690 MHz  |         |           |

1 channel is provided for 802.11ac (VHT160), 802.11ax (HE160):

| Channel | Frequency |
|---------|-----------|
| 114     | 5570MHz   |

For 5745 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 149     | 5745MHz   | 161     | 5805MHz   |
| 153     | 5765MHz   | 165     | 5825MHz   |
| 157     | 5785MHz   |         |           |

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40):

| Channel | Frequency | Channel | Frequency |
|---------|-----------|---------|-----------|
| 151     | 5755MHz   | 159     | 5795MHz   |

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80):

| Channel | Frequency |
|---------|-----------|
| 155     | 5775MHz   |

### 3.4 Test Mode Applicability and Tested Channel Detail

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-Scan:   | 1. EUT can be used in the following ways: X-axis / Y-axis / Z-axis. Pre-scan these ways and find the worst case as a representative test condition.<br>2. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).<br>3. The worst-case Partial RU modes across all supported bandwidth modes has been determined via pre-scan. |
| Worst Case: | 1. EUT Worst Condition: Z-axis                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Following channel(s) was (were) selected for the final test as listed below:

| Test Item                      | Mode                        | Tested Channel                                            | Modulation | Data Rate Parameter | RU/MRU Index               |
|--------------------------------|-----------------------------|-----------------------------------------------------------|------------|---------------------|----------------------------|
| AC Power Conducted Emissions   | 802.11a                     | 165                                                       | BPSK       | 6Mb/s               | NA                         |
| Unwanted Emissions below 1 GHz | 802.11a                     | 165                                                       | BPSK       | 6Mb/s               | NA                         |
| Unwanted Emissions above 1 GHz | 802.11a                     | 36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165 | BPSK       | 6Mb/s               | NA                         |
|                                | 802.11ax (HE20)             | 36, 40, 48, 52, 60, 64, 100, 116, 140, 144, 149, 157, 165 | BPSK       | MCS0                | NA                         |
|                                | 802.11ax (HE40)             | 38, 46, 54, 62, 102, 110, 134, 142, 151, 159              | BPSK       | MCS0                | NA                         |
|                                | 802.11ax (HE80)             | 42, 58, 106, 122, 138, 155                                | BPSK       | MCS0                | NA                         |
|                                | 802.11ax (HE160)            | 50, 114                                                   | BPSK       | MCS0                | NA                         |
|                                | 802.11ax (HE20) 26-tone RU  | 36, 64, 100, 140, 144, 149, 165                           | BPSK       | MCS0                | 0, 8, 0, 8, 8, 0, 8        |
|                                | 802.11ax (HE20) 52-tone RU  | 36, 64, 100, 140, 144, 149, 165                           | BPSK       | MCS0                | 37, 40, 37, 40, 40, 37, 40 |
|                                | 802.11ax (HE20) 106-tone RU | 36, 64, 100, 140, 144, 149, 165                           | BPSK       | MCS0                | 53, 54, 53, 54, 54, 53, 54 |

### 3.5 Duty Cycle of Test Signal

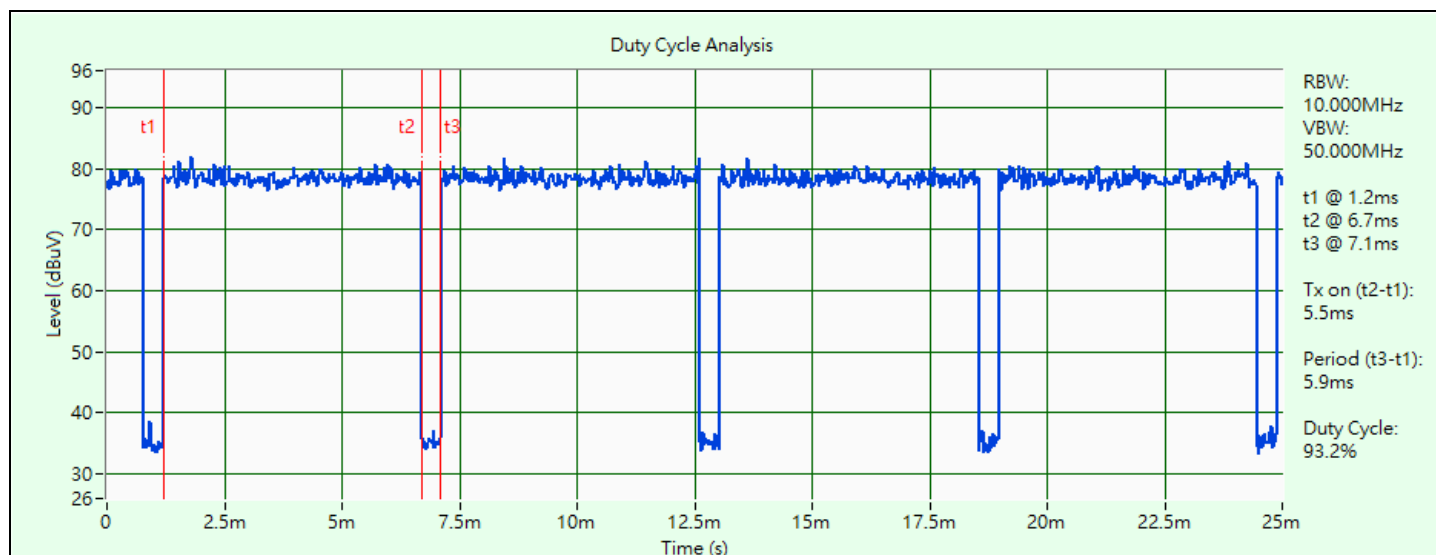
**802.11a:** Duty cycle = 5.5 ms / 5.9 ms x 100% = 93.2%, duty factor =  $10 \cdot \log(1/\text{Duty cycle}) = 0.30 \text{ dB}$

**802.11ax (HE20):** Duty cycle = 3.9 ms / 4.3 ms x 100% = 90.7%, duty factor =  $10 \cdot \log(1/\text{Duty cycle}) = 0.42 \text{ dB}$

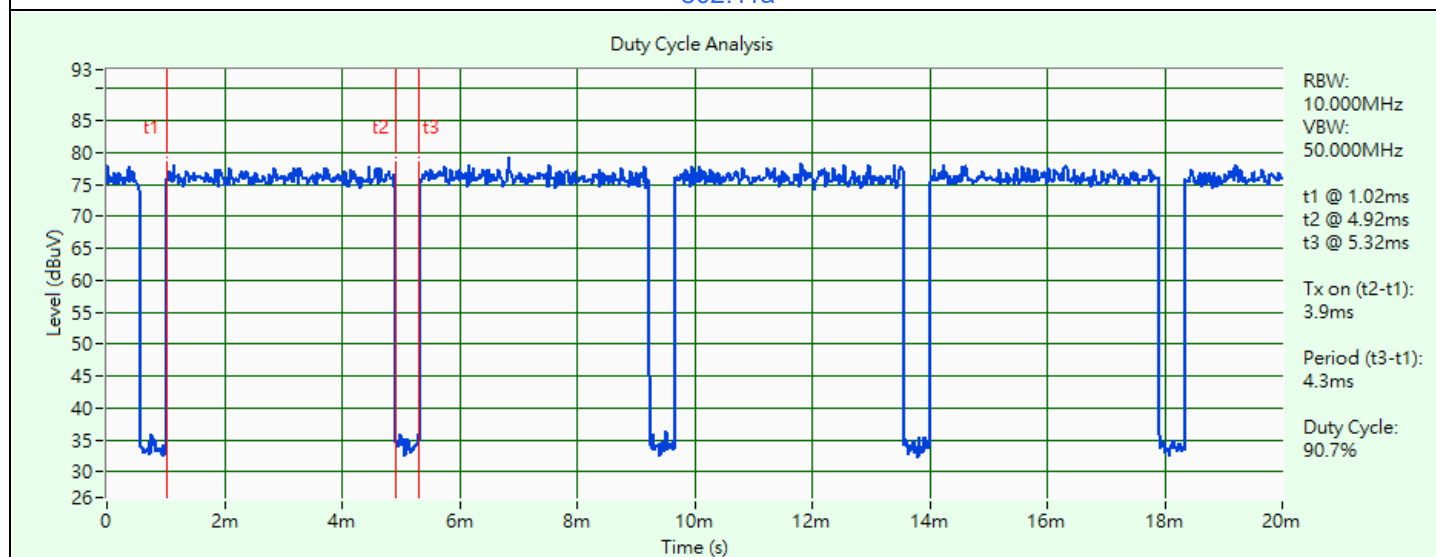
**802.11ax (HE40):** Duty cycle = 3.8 ms / 4.325 ms x 100% = 87.9%, duty factor =  $10 \cdot \log(1/\text{Duty cycle}) = 0.56 \text{ dB}$

**802.11ax (HE80):** Duty cycle = 1.86 ms / 2.4 ms x 100% = 77.5%, duty factor =  $10 \cdot \log(1/\text{Duty cycle}) = 1.11 \text{ dB}$

**802.11ax (HE160):** Duty cycle = 0.97 ms / 1.52 ms x 100% = 63.8%, duty factor =  $10 \cdot \log(1/\text{Duty cycle}) = 1.95 \text{ dB}$

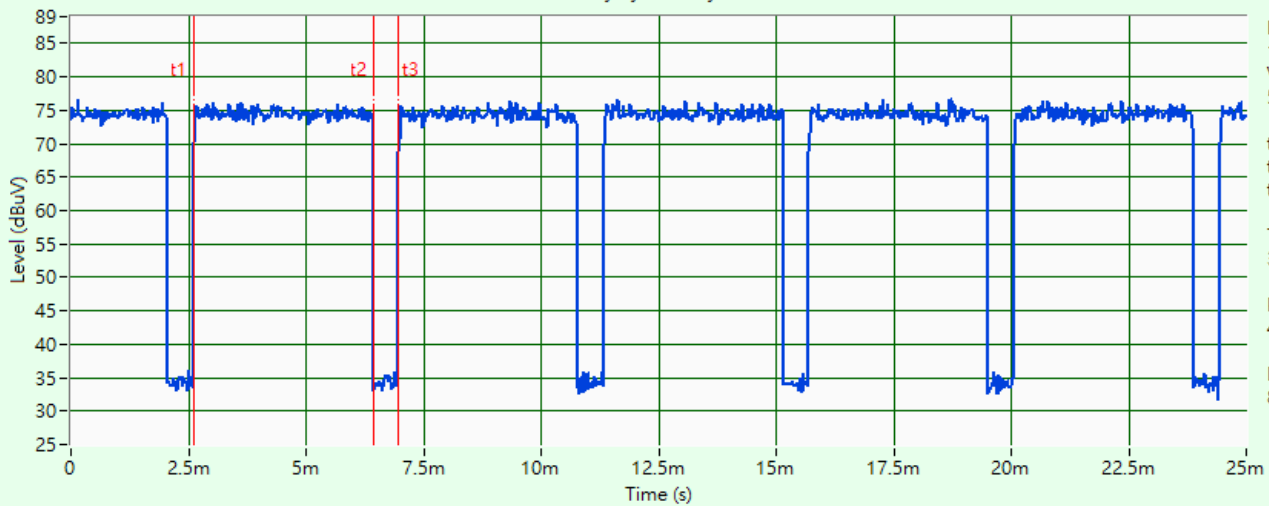


802.11a



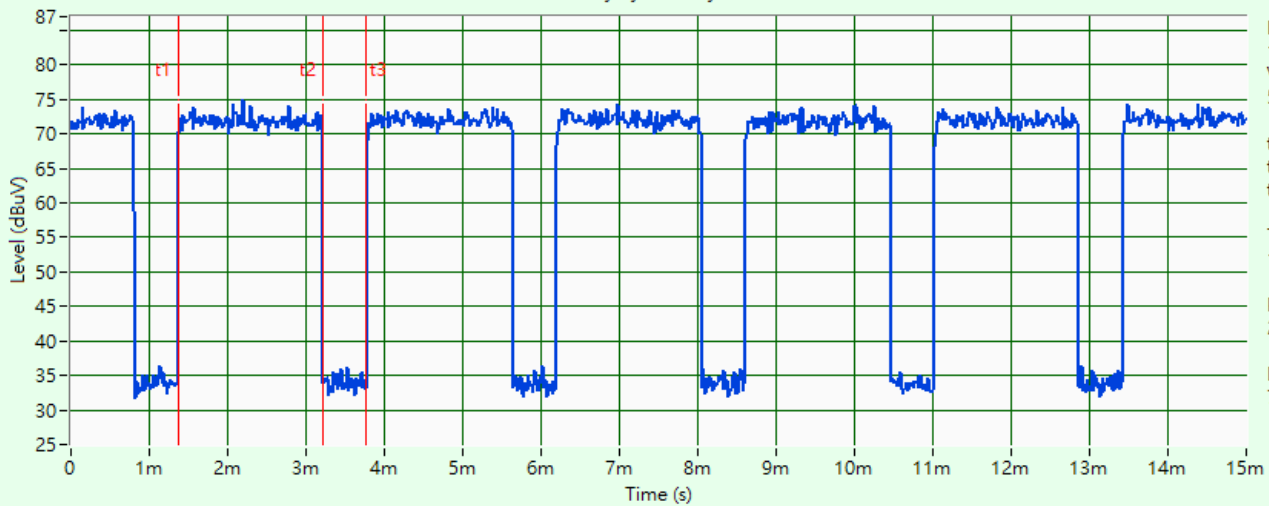
802.11ax (HE20)

### Duty Cycle Analysis



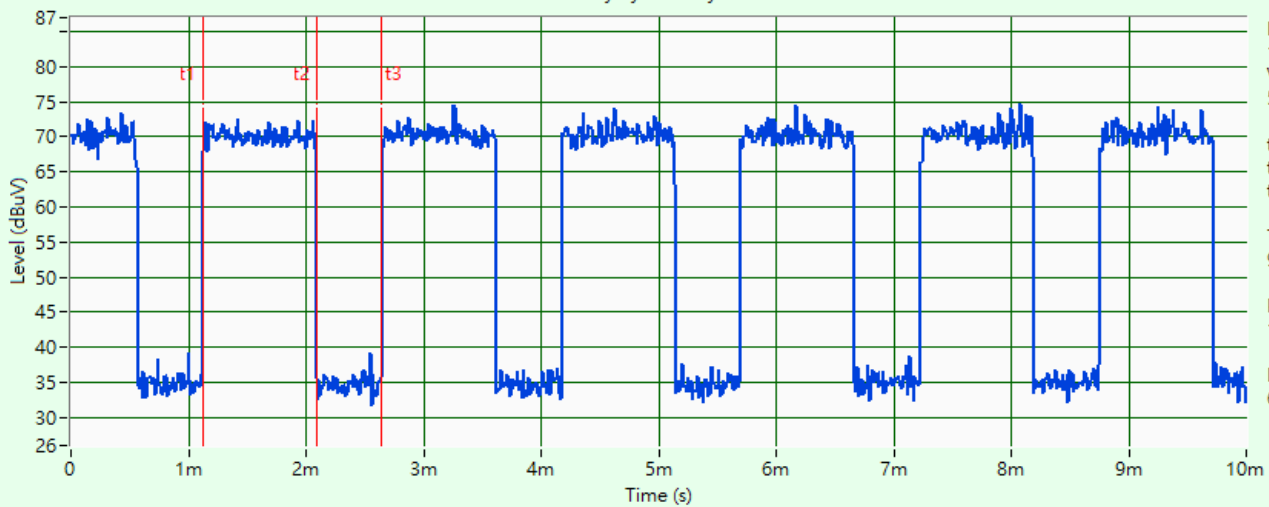
### 802.11ax (HE40)

### Duty Cycle Analysis



### 802.11ax (HE80)

### Duty Cycle Analysis

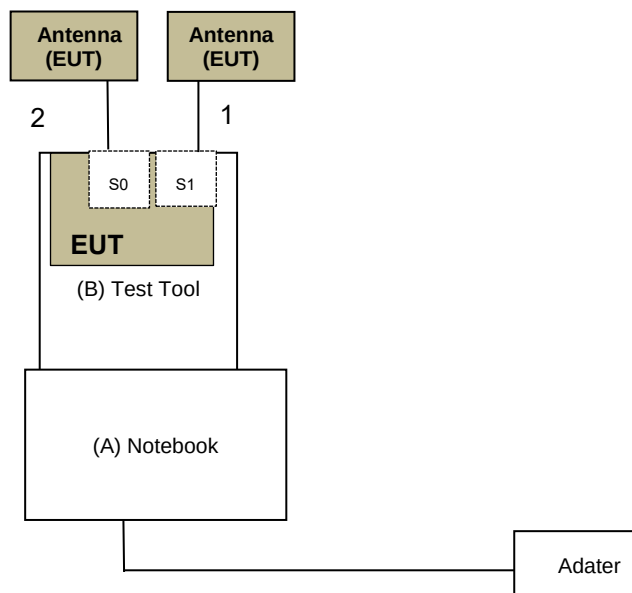


### 802.11ax (HE160)

### 3.6 Test Program Used and Operation Descriptions

Controlling software QATool\_Ulv2.55 has been activated to set the EUT under transmission condition continuously at specific channel frequency.

### 3.7 Connection Diagram of EUT and Peripheral Devices



Under Table

Remote Site

### 3.8 Configuration of Peripheral Devices and Cable Connections

| ID | Product   | Brand    | Model No. | Serial No. | FCC ID | Remarks                                 |
|----|-----------|----------|-----------|------------|--------|-----------------------------------------|
| A  | Notebook  | Lenove   | L440      | N/A        | N/A    | Provided by Lab                         |
| B  | Test Tool | Mediatek | MTK1849   | N/A        | N/A    | Supplied by applicant<br>(for RF Setup) |

| ID | Cable Descriptions | Qty. | Length (m) | Shielding (Yes/No) | Cores (Qty.) | Remarks               |
|----|--------------------|------|------------|--------------------|--------------|-----------------------|
| 1  | RF Cable           | 1    | 0.3        | No                 | 0            | Supplied by applicant |
| 2  | RF Cable           | 1    | 0.3        | No                 | 0            | Supplied by applicant |

## 4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

### 4.1 AC Power Conducted Emissions

| Description<br>Manufacturer                | Model No.            | Serial No.     | Calibrated<br>Date | Calibrated<br>Until |
|--------------------------------------------|----------------------|----------------|--------------------|---------------------|
| 50 ohm terminal resistance<br>HUBER+SUHNER | E1-011315            | 13             | 2023/11/22         | 2024/11/21          |
| 50 ohm terminal resistance                 | E1-011279            | 04             | 2023/11/22         | 2024/11/21          |
|                                            | E1-011280            | 05             | 2023/11/22         | 2024/11/21          |
| EMI Test Receiver<br>R&S                   | ESCI                 | 100613         | 2023/12/4          | 2024/12/3           |
| Fixed Attenuator<br>Mini-Circuits          | HAT-10+              | PAD-COND1-01   | 2024/1/6           | 2025/1/5            |
| LISN<br>R&S                                | ENV216               | 101826         | 2024/3/25          | 2025/3/24           |
|                                            | ESH3-Z5              | 100311         | 2024/9/5           | 2025/9/4            |
| RF Coaxial Cable<br>Woken                  | 5D-FB                | Cable-cond1-01 | 2024/1/6           | 2025/1/5            |
| Software<br>BVADT                          | BVADT_Conc_ V7.4.1.0 | N/A            | N/A                | N/A                 |
| V-LISN<br>Schwarzbeck                      | NNBL 8226-2          | 8226-142       | 2024/8/28          | 2025/8/27           |

Notes:

1. The test was performed in HY - Conduction 1.
2. Tested Date: 2024/11/6 ~ 2024/11/7



#### 4.2 Unwanted Emissions below 1 GHz

| Description<br>Manufacturer       | Model No.                    | Serial No.       | Calibrated<br>Date | Calibrated<br>Until |
|-----------------------------------|------------------------------|------------------|--------------------|---------------------|
| Antenna Tower<br>Max-Full         | MFA-515BSN                   | N/A              | N/A                | N/A                 |
| Bi_Log Antenna<br>Schwarzbeck     | VULB 9168                    | 9168-1214        | 2024/10/15         | 2025/10/14          |
| EXA Signal Analyzer<br>Agilent    | N9010A                       | MY52220207       | 2023/12/28         | 2024/12/27          |
| Loop Antenna<br>TESEQ             | HLA 6121                     | 45745            | 2024/8/21          | 2025/8/20           |
| MXE EMI Receiver<br>Agilent       | N9038A                       | MY52260177       | 2024/9/19          | 2025/9/18           |
| Preamplifier<br>EMCI              | EMC330N                      | 980798           | 2024/1/15          | 2025/1/14           |
|                                   | EMC001340                    | 980201           | 2024/9/24          | 2025/9/23           |
| RF Coaxial Cable<br>EMCI          | EMCCFD400-NM-NM-500          | 201248           | 2024/1/15          | 2025/1/14           |
|                                   | EMCCFD400-NM-NM-3000         | 201249           | 2024/1/15          | 2025/1/14           |
|                                   | EMCCFD400-NM-NM-9000         | 201251(with PAD) | 2024/1/15          | 2025/1/14           |
| Software<br>BV ADT                | ADT_Radiated_<br>V7.6.15.9.5 | N/A              | N/A                | N/A                 |
| Turn Table<br>Max-Full            | MFT-201SS                    | N/A              | N/A                | N/A                 |
| Turn Table Controller<br>Max-Full | MF-7802BS                    | MF780208676      | N/A                | N/A                 |

Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2024/11/6

#### 4.3 Unwanted Emissions above 1 GHz

| Description<br>Manufacturer       | Model No.                    | Serial No.  | Calibrated<br>Date | Calibrated<br>Until |
|-----------------------------------|------------------------------|-------------|--------------------|---------------------|
| Antenna Tower<br>Max-Full         | MFA-515BSN                   | N/A         | N/A                | N/A                 |
| EXA Signal Analyzer<br>Agilent    | N9010A                       | MY52220207  | 2023/12/28         | 2024/12/27          |
| Horn Antenna<br>RFSPIN            | DRH18-E                      | 210104A18E  | 2023/11/12         | 2024/11/11          |
| Horn Antenna<br>Schwarzbeck       | BBHA 9170                    | 9170-1049   | 2023/11/12         | 2024/11/11          |
| MXE EMI Receiver<br>Agilent       | N9038A                       | MY52260177  | 2024/9/19          | 2025/9/18           |
| Preamplifier<br>Agilent           | 83017A                       | MY39501357  | 2024/6/12          | 2025/6/11           |
| Preamplifier<br>EMCI              | EMC184045SE                  | 980788      | 2024/1/15          | 2025/1/14           |
| RF Coaxial Cable<br>EMCI          | EMC101G-KM-KM-2000           | 201254      | 2024/1/15          | 2025/1/14           |
|                                   | EMC101G-KM-KM-3000           | 201258      | 2024/1/15          | 2025/1/14           |
|                                   | EMC101G-KM-KM-5000           | 201261      | 2024/1/15          | 2025/1/14           |
|                                   | EMC104-SM-SM-1000            | 210103      | 2024/1/15          | 2025/1/14           |
|                                   | EMC104-SM-SM-3000            | 201241      | 2024/1/15          | 2025/1/14           |
|                                   | EMC104-SM-SM-9000            | 201244      | 2024/1/15          | 2025/1/14           |
| Software<br>BV ADT                | ADT_Radiated_<br>V7.6.15.9.5 | N/A         | N/A                | N/A                 |
| Turn Table<br>Max-Full            | MFT-201SS                    | N/A         | N/A                | N/A                 |
| Turn Table Controller<br>Max-Full | MF-7802BS                    | MF780208676 | N/A                | N/A                 |

#### Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2024/10/7 ~ 2024/10/19

## 5 Limits of Test Items

### 5.1 AC Power Conducted Emissions

| Frequency (MHz) | Conducted Limit (dBuV) |         |
|-----------------|------------------------|---------|
|                 | Quasi-peak             | Average |
| 0.15 - 0.5      | 66 - 56                | 56 - 46 |
| 0.50 - 5.0      | 56                     | 46      |
| 5.0 - 30.0      | 60                     | 50      |

Notes:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

### 5.2 Unwanted Emissions below 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

| Frequencies (MHz) | Field Strength (microvolts/meter) | Measurement Distance (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                             |

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

### 5.3 Unwanted Emissions above 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

| Frequencies (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|-------------------|-----------------------------------|-------------------------------|
| Above 960         | 500                               | 3                             |

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

| Applicable To                                              | Limit                 |                 |
|------------------------------------------------------------|-----------------------|-----------------|
| 789033 D02 General UNII Test Procedure New Rules<br>v02r01 | Field Strength at 3 m |                 |
|                                                            | PK: 74 (dBμV/m)       | AV: 54 (dBμV/m) |

For transmitters operating in the 5.15-5.25 GHz band:

| Applicable To | EIRP Limit        | Equivalent Field Strength at 3 m |
|---------------|-------------------|----------------------------------|
| 15.407(b)(1)  | PK: -27 (dBm/MHz) | PK: 68.2 (dBμV/m)                |

For transmitters operating in the 5.25-5.35 GHz band:

| Applicable To | EIRP Limit        | Equivalent Field Strength at 3 m |
|---------------|-------------------|----------------------------------|
| 15.407(b)(2)  | PK: -27 (dBm/MHz) | PK: 68.2 (dBμV/m)                |

For transmitters operating in the 5.47-5.725 GHz band:

| Applicable To | EIRP Limit        | Equivalent Field Strength at 3 m |
|---------------|-------------------|----------------------------------|
| 15.407(b)(3)  | PK: -27 (dBm/MHz) | PK: 68.2 (dBμV/m)                |

For transmitters operating in the 5.725-5.850 GHz band:

| Applicable To   | EIRP Limit                       | Equivalent Field Strength at 3 m |
|-----------------|----------------------------------|----------------------------------|
| 15.407(b)(4)(i) | PK: -27 (dBm/MHz) <sup>*1</sup>  | PK: 68.2 (dBμV/m) <sup>*1</sup>  |
|                 | PK: 10 (dBm/MHz) <sup>*2</sup>   | PK: 105.2 (dBμV/m) <sup>*2</sup> |
|                 | PK: 15.6 (dBm/MHz) <sup>*3</sup> | PK: 110.8 (dBμV/m) <sup>*3</sup> |
|                 | PK: 27 (dBm/MHz) <sup>*4</sup>   | PK: 122.2 (dBμV/m) <sup>*4</sup> |

<sup>\*1</sup> beyond 75 MHz or more above of the band edge.

<sup>\*2</sup> below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

<sup>\*3</sup> below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

<sup>\*4</sup> from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

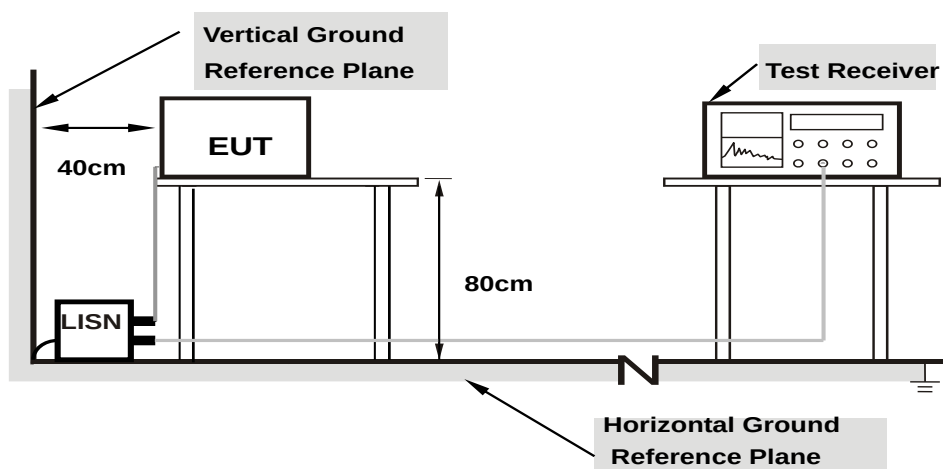
Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

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

## 6 Test Arrangements

### 6.1 AC Power Conducted Emissions

#### 6.1.1 Test Setup



**Note: 1.Support units were connected to second LISN.**

For the actual test configuration, please refer to the attached file (Test Setup Photo).

#### 6.1.2 Test Procedure

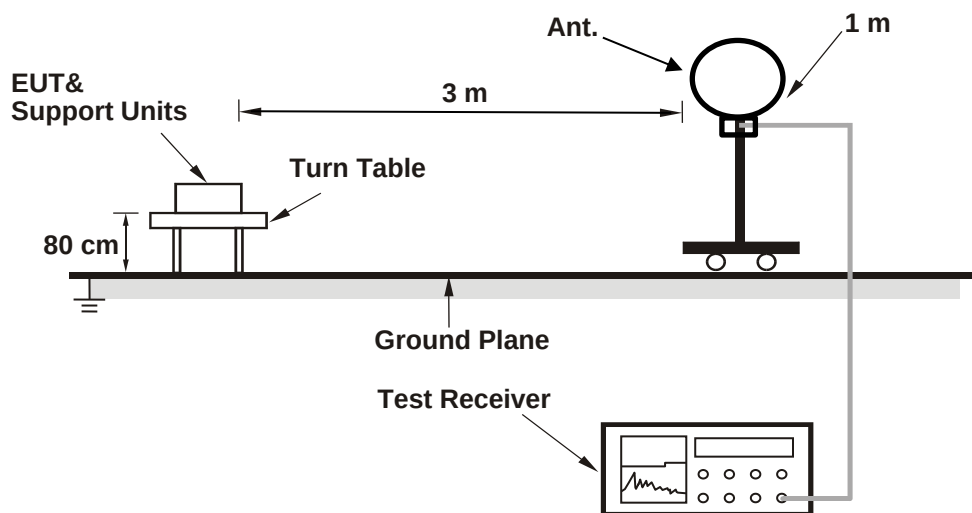
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

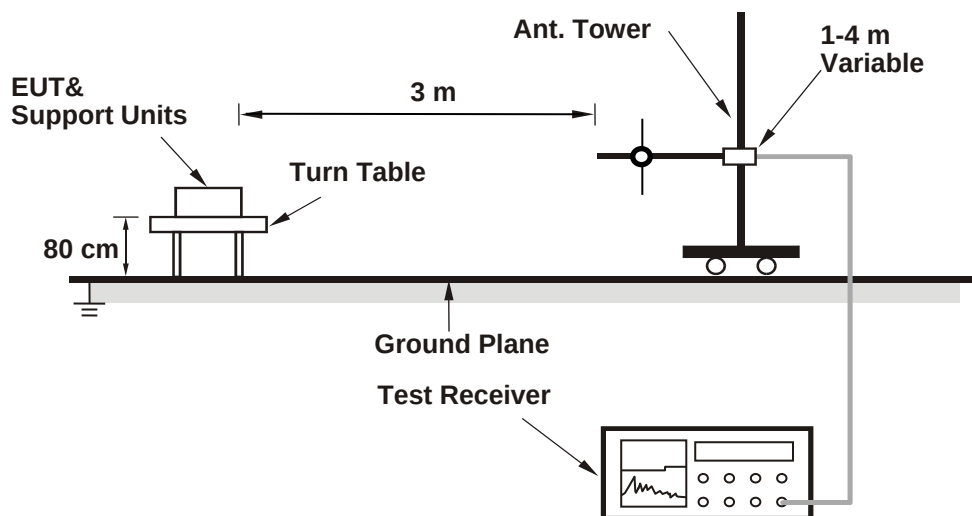
## 6.2 Unwanted Emissions below 1 GHz

### 6.2.1 Test Setup

#### For Radiated emission below 30 MHz



#### For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

## 6.2.2 Test Procedure

### For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

#### Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

### For Radiated emission above 30 MHz

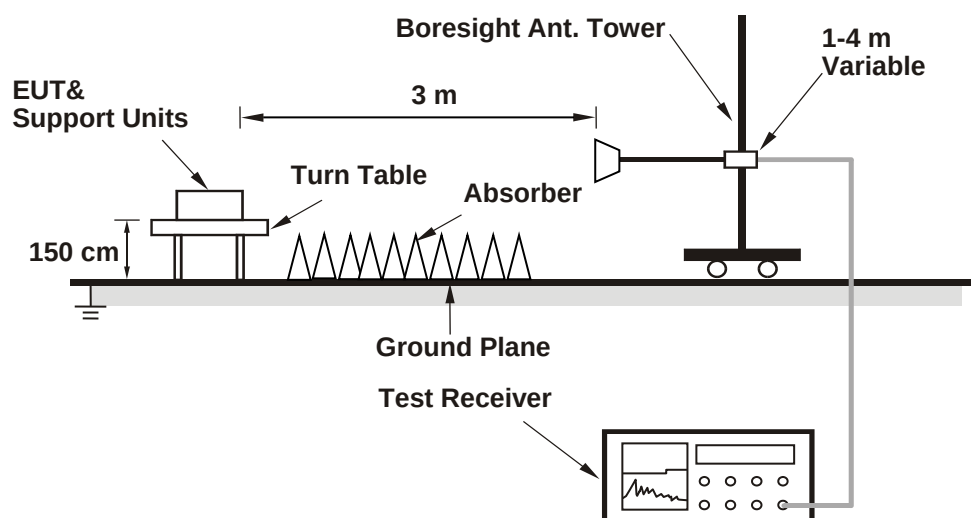
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

#### Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

## 6.3 Unwanted Emissions above 1 GHz

### 6.3.1 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

### 6.3.2 Test Procedure

- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

#### Notes:

- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is  $\geq 1/T$  (Duty cycle  $< 98\%$ ) or 10 Hz (Duty cycle  $\geq 98\%$ ) for Average detection (AV) at frequency above 1 GHz.
- All modes of operation were investigated and the worst-case emissions are reported.



## 7 Test Results of Test Item

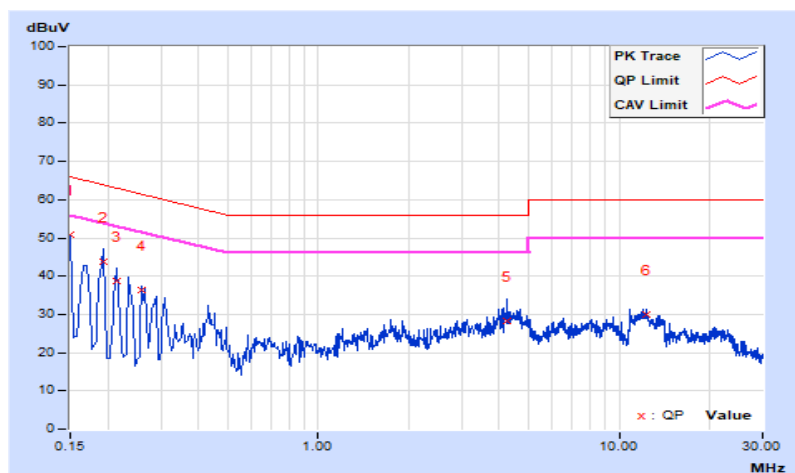
### 7.1 AC Power Conducted Emissions

|                 |                  |                                          |                                       |
|-----------------|------------------|------------------------------------------|---------------------------------------|
| RF Mode         | 802.11a          | Channel                                  | CH 165 : 5825 MHz                     |
| Frequency Range | 150 kHz ~ 30 MHz | Detector Function & Resolution Bandwidth | Quasi-Peak (QP) / Average (AV), 9 kHz |
| Input Power     | 120 Vac, 60 Hz   | Environmental Conditions                 | 25 °C, 75 % RH                        |
| Tested By       | Greg Lin         |                                          |                                       |

| Phase Of Power : Line (L) |                 |                        |                      |       |                       |       |              |       |             |        |
|---------------------------|-----------------|------------------------|----------------------|-------|-----------------------|-------|--------------|-------|-------------|--------|
| No                        | Frequency (MHz) | Correction Factor (dB) | Reading Value (dBuV) |       | Emission Level (dBuV) |       | Limit (dBuV) |       | Margin (dB) |        |
|                           |                 |                        | Q.P.                 | AV.   | Q.P.                  | AV.   | Q.P.         | AV.   | Q.P.        | AV.    |
| 1                         | 0.15000         | 9.67                   | 41.21                | 22.90 | 50.88                 | 32.57 | 66.00        | 56.00 | -15.12      | -23.43 |
| 2                         | 0.19400         | 9.66                   | 34.22                | 15.10 | 43.88                 | 24.76 | 63.86        | 53.86 | -19.98      | -29.10 |
| 3                         | 0.21400         | 9.66                   | 28.99                | 7.78  | 38.65                 | 17.44 | 63.05        | 53.05 | -24.40      | -35.61 |
| 4                         | 0.25800         | 9.67                   | 26.74                | 7.71  | 36.41                 | 17.38 | 61.50        | 51.50 | -25.09      | -34.12 |
| 5                         | 4.26600         | 9.78                   | 18.53                | 9.04  | 28.31                 | 18.82 | 56.00        | 46.00 | -27.69      | -27.18 |
| 6                         | 12.25800        | 9.90                   | 19.90                | 9.89  | 29.80                 | 19.79 | 60.00        | 50.00 | -30.20      | -30.21 |

#### Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

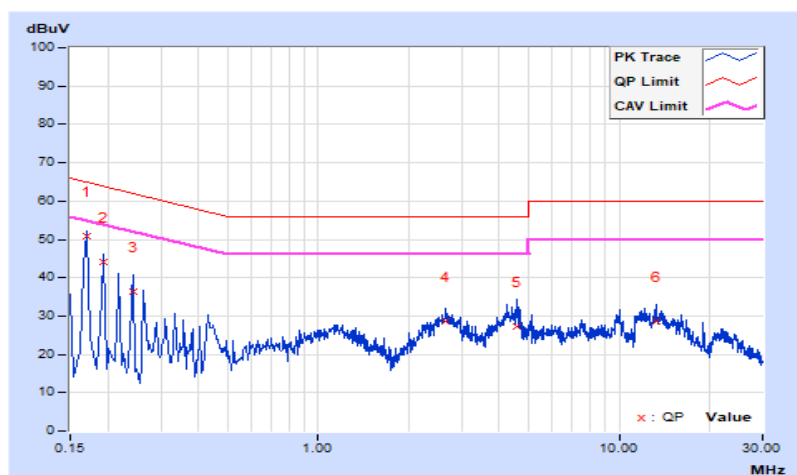


|                 |                  |                                          |                                       |
|-----------------|------------------|------------------------------------------|---------------------------------------|
| RF Mode         | 802.11a          | Channel                                  | CH 165 : 5825 MHz                     |
| Frequency Range | 150 kHz ~ 30 MHz | Detector Function & Resolution Bandwidth | Quasi-Peak (QP) / Average (AV), 9 kHz |
| Input Power     | 120 Vac, 60 Hz   | Environmental Conditions                 | 25 °C, 75 % RH                        |
| Tested By       | Greg Lin         |                                          |                                       |

| Phase Of Power : Neutral (N) |                 |                        |                      |       |                       |       |              |       |             |        |
|------------------------------|-----------------|------------------------|----------------------|-------|-----------------------|-------|--------------|-------|-------------|--------|
| No                           | Frequency (MHz) | Correction Factor (dB) | Reading Value (dBuV) |       | Emission Level (dBuV) |       | Limit (dBuV) |       | Margin (dB) |        |
|                              |                 |                        | Q.P.                 | AV.   | Q.P.                  | AV.   | Q.P.         | AV.   | Q.P.        | AV.    |
| 1                            | 0.17000         | 9.64                   | 41.20                | 29.64 | 50.84                 | 39.28 | 64.96        | 54.96 | -14.12      | -15.68 |
| 2                            | 0.19400         | 9.65                   | 34.60                | 22.87 | 44.25                 | 32.52 | 63.86        | 53.86 | -19.61      | -21.34 |
| 3                            | 0.24200         | 9.66                   | 26.79                | 7.19  | 36.45                 | 16.85 | 62.03        | 52.03 | -25.58      | -35.18 |
| 4                            | 2.66200         | 9.77                   | 18.81                | 11.55 | 28.58                 | 21.32 | 56.00        | 46.00 | -27.42      | -24.68 |
| 5                            | 4.56600         | 9.80                   | 17.36                | 10.38 | 27.16                 | 20.18 | 56.00        | 46.00 | -28.84      | -25.82 |
| 6                            | 13.25400        | 10.01                  | 18.48                | 10.52 | 28.49                 | 20.53 | 60.00        | 50.00 | -31.51      | -29.47 |

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



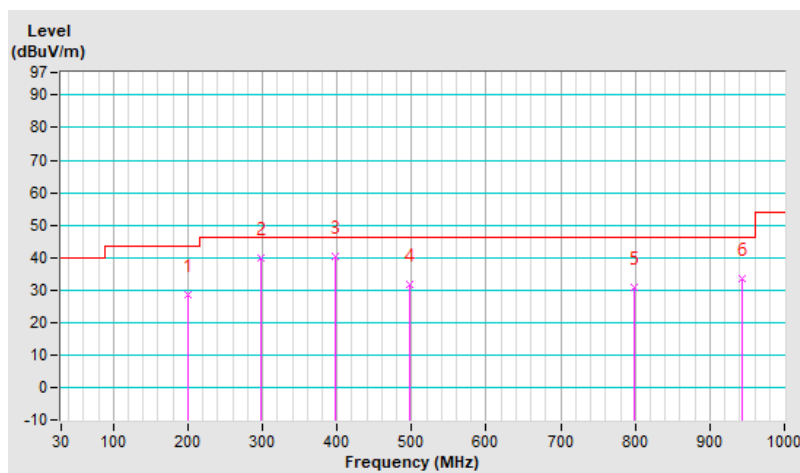
## 7.2 Unwanted Emissions below 1 GHz

|                 |                |                               |                               |
|-----------------|----------------|-------------------------------|-------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 165 : 5825 MHz             |
| Frequency Range | 30 MHz ~ 1 GHz | Detector Function & Bandwidth | QP: RB=120kHz, DET=Quasi-Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                |
| Tested By       | Greg Lin       |                               |                               |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 199.75          | 28.4 QP                 | 43.5           | -15.1       | 1.00 H             | 180                  | 44.8             | -16.4                    |
| 2                                                    | 298.69          | 39.7 QP                 | 46.0           | -6.3        | 1.25 H             | 85                   | 52.1             | -12.4                    |
| <b>3</b>                                             | <b>398.60</b>   | <b>40.3 QP</b>          | <b>46.0</b>    | <b>-5.7</b> | <b>1.50 H</b>      | <b>268</b>           | <b>50.1</b>      | <b>-9.8</b>              |
| 4                                                    | 497.54          | 31.6 QP                 | 46.0           | -14.4       | 1.25 H             | 162                  | 39.3             | -7.7                     |
| 5                                                    | 799.21          | 30.6 QP                 | 46.0           | -15.4       | 1.00 H             | 79                   | 32.6             | -2.0                     |
| 6                                                    | 943.74          | 33.6 QP                 | 46.0           | -12.4       | 1.50 H             | 246                  | 33.5             | 0.1                      |

### Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

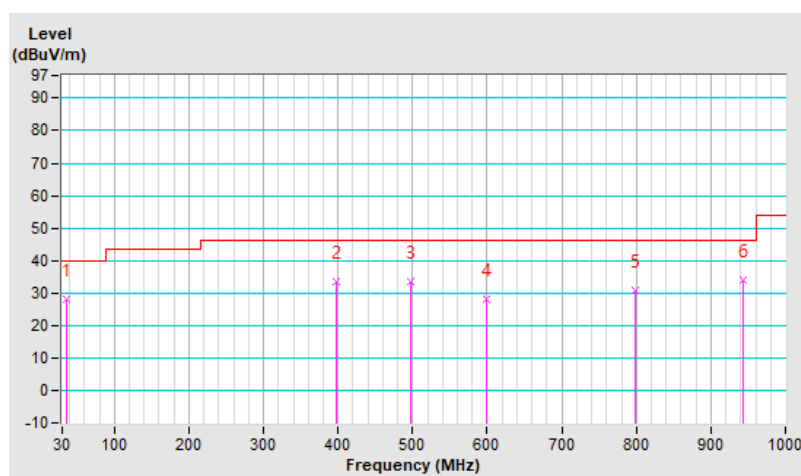


|                 |                |                               |                               |
|-----------------|----------------|-------------------------------|-------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 165 : 5825 MHz             |
| Frequency Range | 30 MHz ~ 1 GHz | Detector Function & Bandwidth | QP: RB=120kHz, DET=Quasi-Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                |
| Tested By       | Greg Lin       |                               |                               |

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 35.82           | 28.3 QP                 | 40.0           | -11.7       | 1.00 V             | 9                    | 42.4             | -14.1                    |
| 2                                                  | 398.60          | 33.4 QP                 | 46.0           | -12.6       | 1.25 V             | 52                   | 43.2             | -9.8                     |
| 3                                                  | 497.54          | 33.6 QP                 | 46.0           | -12.4       | 1.50 V             | 253                  | 41.3             | -7.7                     |
| 4                                                  | 599.39          | 27.9 QP                 | 46.0           | -18.1       | 1.25 V             | 238                  | 33.0             | -5.1                     |
| 5                                                  | 798.24          | 30.8 QP                 | 46.0           | -15.2       | 1.00 V             | 104                  | 32.8             | -2.0                     |
| 6                                                  | 943.74          | 33.9 QP                 | 46.0           | -12.1       | 1.25 V             | 246                  | 33.8             | 0.1                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



### 7.3 Unwanted Emissions above 1 GHz

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 36 : 5180 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 56.5 PK                 | 74.0           | -17.5       | 2.24 H             | 164                  | 53.9             | 2.6                      |
| 2                                                    | 5150.00         | 47.3 AV                 | 54.0           | -6.7        | 2.24 H             | 164                  | 44.7             | 2.6                      |
| 3                                                    | *5180.00        | 116.6 PK                |                |             | 2.24 H             | 164                  | 75.8             | 40.8                     |
| 4                                                    | *5180.00        | 109.0 AV                |                |             | 2.24 H             | 164                  | 68.2             | 40.8                     |
| 5                                                    | #10360.00       | 62.1 PK                 | 68.2           | -6.1        | 1.85 H             | 145                  | 52.6             | 9.5                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 53.9 PK                 | 74.0           | -20.1       | 3.19 V             | 220                  | 51.3             | 2.6                      |
| 2                                                    | 5150.00         | 44.9 AV                 | 54.0           | -9.1        | 3.19 V             | 220                  | 42.3             | 2.6                      |
| 3                                                    | *5180.00        | 112.6 PK                |                |             | 3.19 V             | 220                  | 71.8             | 40.8                     |
| 4                                                    | *5180.00        | 105.0 AV                |                |             | 3.19 V             | 220                  | 64.2             | 40.8                     |
| 5                                                    | #10360.00       | 61.6 PK                 | 68.2           | -6.6        | 1.93 V             | 298                  | 52.1             | 9.5                      |

#### Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 40 : 5200 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5200.00        | 118.1 PK                |                |             | 2.28 H             | 159                  | 77.3             | 40.8                     |
| 2                                                    | *5200.00        | 110.5 AV                |                |             | 2.28 H             | 159                  | 69.7             | 40.8                     |
| 3                                                    | #10400.00       | 62.3 PK                 | 68.2           | -5.9        | 1.92 H             | 151                  | 52.9             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5200.00        | 114.0 PK                |                |             | 3.14 V             | 218                  | 73.2             | 40.8                     |
| 2                                                    | *5200.00        | 106.3 AV                |                |             | 3.14 V             | 218                  | 65.5             | 40.8                     |
| 3                                                    | #10400.00       | 61.8 PK                 | 68.2           | -6.4        | 2.03 V             | 297                  | 52.4             | 9.4                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 48 : 5240 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5240.00        | 117.8 PK                |                |             | 2.21 H             | 167                  | 76.9             | 40.9                     |
| 2                                                    | *5240.00        | 110.1 AV                |                |             | 2.21 H             | 167                  | 69.2             | 40.9                     |
| 3                                                    | 5350.00         | 55.2 PK                 | 74.0           | -18.8       | 2.21 H             | 167                  | 52.4             | 2.8                      |
| 4                                                    | 5350.00         | 44.6 AV                 | 54.0           | -9.4        | 2.21 H             | 167                  | 41.8             | 2.8                      |
| 5                                                    | #10480.00       | 61.8 PK                 | 68.2           | -6.4        | 2.03 H             | 147                  | 52.6             | 9.2                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5240.00        | 114.0 PK                |                |             | 3.11 V             | 225                  | 73.1             | 40.9                     |
| 2                                                    | *5240.00        | 106.2 AV                |                |             | 3.11 V             | 225                  | 65.3             | 40.9                     |
| 3                                                    | 5350.00         | 54.1 PK                 | 74.0           | -19.9       | 3.11 V             | 225                  | 51.3             | 2.8                      |
| 4                                                    | 5350.00         | 43.3 AV                 | 54.0           | -10.7       | 3.11 V             | 225                  | 40.5             | 2.8                      |
| 5                                                    | #10480.00       | 61.1 PK                 | 68.2           | -7.1        | 1.98 V             | 302                  | 51.9             | 9.2                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 36 : 5180 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 56.0 PK                 | 74.0           | -18.0       | 2.37 H             | 166                  | 53.4             | 2.6                      |
| 2                                                    | 5150.00         | 48.0 AV                 | 54.0           | -6.0        | 2.37 H             | 166                  | 45.4             | 2.6                      |
| 3                                                    | *5180.00        | 118.5 PK                |                |             | 2.37 H             | 166                  | 77.7             | 40.8                     |
| 4                                                    | *5180.00        | 108.0 AV                |                |             | 2.37 H             | 166                  | 67.2             | 40.8                     |
| 5                                                    | #10360.00       | 60.7 PK                 | 68.2           | -7.5        | 1.86 H             | 148                  | 51.2             | 9.5                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 54.2 PK                 | 74.0           | -19.8       | 3.19 V             | 205                  | 51.6             | 2.6                      |
| 2                                                    | 5150.00         | 45.4 AV                 | 54.0           | -8.6        | 3.19 V             | 205                  | 42.8             | 2.6                      |
| 3                                                    | *5180.00        | 114.2 PK                |                |             | 3.19 V             | 205                  | 73.4             | 40.8                     |
| 4                                                    | *5180.00        | 103.7 AV                |                |             | 3.19 V             | 205                  | 62.9             | 40.8                     |
| 5                                                    | #10360.00       | 59.9 PK                 | 68.2           | -8.3        | 1.99 V             | 299                  | 50.4             | 9.5                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 40 : 5200 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5200.00        | 120.4 PK                |                |             | 2.37 H             | 167                  | 79.6             | 40.8                     |
| 2                                                    | *5200.00        | 109.9 AV                |                |             | 2.37 H             | 167                  | 69.1             | 40.8                     |
| 3                                                    | #10400.00       | 62.6 PK                 | 68.2           | -5.6        | 2.03 H             | 133                  | 53.2             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5200.00        | 115.6 PK                |                |             | 3.16 V             | 221                  | 74.8             | 40.8                     |
| 2                                                    | *5200.00        | 105.2 AV                |                |             | 3.16 V             | 221                  | 64.4             | 40.8                     |
| 3                                                    | #10400.00       | 62.0 PK                 | 68.2           | -6.2        | 1.98 V             | 303                  | 52.6             | 9.4                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 48 : 5240 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5240.00        | 121.2 PK                |                |             | 2.41 H             | 169                  | 80.3             | 40.9                     |
| 2                                                    | *5240.00        | 110.8 AV                |                |             | 2.41 H             | 169                  | 69.9             | 40.9                     |
| 3                                                    | 5350.00         | 55.1 PK                 | 74.0           | -18.9       | 2.41 H             | 169                  | 52.3             | 2.8                      |
| 4                                                    | 5350.00         | 45.1 AV                 | 54.0           | -8.9        | 2.41 H             | 169                  | 42.3             | 2.8                      |
| 5                                                    | #10480.00       | 62.6 PK                 | 68.2           | -5.6        | 2.09 H             | 141                  | 53.4             | 9.2                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5240.00        | 116.8 PK                |                |             | 3.17 V             | 226                  | 75.9             | 40.9                     |
| 2                                                    | *5240.00        | 106.4 AV                |                |             | 3.17 V             | 226                  | 65.5             | 40.9                     |
| 3                                                    | 5350.00         | 53.6 PK                 | 74.0           | -20.4       | 3.17 V             | 226                  | 50.8             | 2.8                      |
| 4                                                    | 5350.00         | 43.1 AV                 | 54.0           | -10.9       | 3.17 V             | 226                  | 40.3             | 2.8                      |
| 5                                                    | #10480.00       | 61.6 PK                 | 68.2           | -6.6        | 2.03 V             | 301                  | 52.4             | 9.2                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 38 : 5190 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 60.2 PK                 | 74.0           | -13.8       | 2.40 H             | 166                  | 57.6             | 2.6                      |
| 2                                                    | 5150.00         | 51.1 AV                 | 54.0           | -2.9        | 2.40 H             | 166                  | 48.5             | 2.6                      |
| 3                                                    | *5190.00        | 116.9 PK                |                |             | 2.40 H             | 166                  | 76.1             | 40.8                     |
| 4                                                    | *5190.00        | 107.2 AV                |                |             | 2.40 H             | 166                  | 66.4             | 40.8                     |
| 5                                                    | #10380.00       | 60.2 PK                 | 68.2           | -8.0        | 1.96 H             | 146                  | 50.8             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 56.8 PK                 | 74.0           | -17.2       | 3.18 V             | 216                  | 54.2             | 2.6                      |
| 2                                                    | 5150.00         | 48.9 AV                 | 54.0           | -5.1        | 3.18 V             | 216                  | 46.3             | 2.6                      |
| 3                                                    | *5190.00        | 112.9 PK                |                |             | 3.18 V             | 216                  | 72.1             | 40.8                     |
| 4                                                    | *5190.00        | 103.0 AV                |                |             | 3.18 V             | 216                  | 62.2             | 40.8                     |
| 5                                                    | #10380.00       | 59.2 PK                 | 68.2           | -9.0        | 1.94 V             | 303                  | 49.8             | 9.4                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 46 : 5230 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 63.0 PK                 | 74.0           | -11.0       | 2.41 H             | 166                  | 60.4             | 2.6                      |
| 2                                                    | 5150.00         | 52.1 AV                 | 54.0           | -1.9        | 2.41 H             | 166                  | 49.5             | 2.6                      |
| 3                                                    | *5230.00        | 120.3 PK                |                |             | 2.41 H             | 166                  | 79.5             | 40.8                     |
| 4                                                    | *5230.00        | 110.4 AV                |                |             | 2.41 H             | 166                  | 69.6             | 40.8                     |
| 5                                                    | #10460.00       | 62.4 PK                 | 68.2           | -5.8        | 2.12 H             | 138                  | 53.1             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 59.2 PK                 | 74.0           | -14.8       | 3.14 V             | 217                  | 56.6             | 2.6                      |
| 2                                                    | 5150.00         | 47.9 AV                 | 54.0           | -6.1        | 3.14 V             | 217                  | 45.3             | 2.6                      |
| 3                                                    | *5230.00        | 115.4 PK                |                |             | 3.14 V             | 217                  | 74.6             | 40.8                     |
| 4                                                    | *5230.00        | 105.7 AV                |                |             | 3.14 V             | 217                  | 64.9             | 40.8                     |
| 5                                                    | #10460.00       | 61.4 PK                 | 68.2           | -6.8        | 2.06 V             | 293                  | 52.1             | 9.3                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE80) | Channel                       | CH 42 : 5210 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 62.5 PK                 | 74.0           | -11.5       | 2.33 H             | 169                  | 59.9             | 2.6                      |
| 2                                                    | <b>5150.00</b>  | <b>53.8 AV</b>          | <b>54.0</b>    | <b>-0.2</b> | <b>2.33 H</b>      | <b>169</b>           | <b>51.2</b>      | <b>2.6</b>               |
| 3                                                    | *5210.00        | 110.7 PK                |                |             | 2.33 H             | 169                  | 69.9             | 40.8                     |
| 4                                                    | *5210.00        | 101.1 AV                |                |             | 2.33 H             | 169                  | 60.3             | 40.8                     |
| 5                                                    | #10420.00       | 58.8 PK                 | 68.2           | -9.4        | 2.01 H             | 147                  | 49.6             | 9.2                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 58.0 PK                 | 74.0           | -16.0       | 3.17 V             | 218                  | 55.4             | 2.6                      |
| 2                                                    | 5150.00         | 48.9 AV                 | 54.0           | -5.1        | 3.17 V             | 218                  | 46.3             | 2.6                      |
| 3                                                    | *5210.00        | 106.6 PK                |                |             | 3.17 V             | 218                  | 65.8             | 40.8                     |
| 4                                                    | *5210.00        | 96.9 AV                 |                |             | 3.17 V             | 218                  | 56.1             | 40.8                     |
| 5                                                    | #10420.00       | 57.9 PK                 | 68.2           | -10.3       | 1.96 V             | 304                  | 48.7             | 9.2                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 52 : 5260 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 53.4 PK                 | 74.0           | -20.6       | 2.37 H             | 165                  | 50.8             | 2.6                      |
| 2                                                    | 5150.00         | 43.9 AV                 | 54.0           | -10.1       | 2.37 H             | 165                  | 41.3             | 2.6                      |
| 3                                                    | *5260.00        | 118.2 PK                |                |             | 2.37 H             | 165                  | 77.3             | 40.9                     |
| 4                                                    | *5260.00        | 110.4 AV                |                |             | 2.37 H             | 165                  | 69.5             | 40.9                     |
| 5                                                    | #10520.00       | 62.1 PK                 | 68.2           | -6.1        | 2.05 H             | 143                  | 52.8             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 52.8 PK                 | 74.0           | -21.2       | 3.14 V             | 223                  | 50.2             | 2.6                      |
| 2                                                    | 5150.00         | 42.9 AV                 | 54.0           | -11.1       | 3.14 V             | 223                  | 40.3             | 2.6                      |
| 3                                                    | *5260.00        | 113.9 PK                |                |             | 3.14 V             | 223                  | 73.0             | 40.9                     |
| 4                                                    | *5260.00        | 106.1 AV                |                |             | 3.14 V             | 223                  | 65.2             | 40.9                     |
| 5                                                    | #10520.00       | 61.5 PK                 | 68.2           | -6.7        | 2.03 V             | 294                  | 52.2             | 9.3                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 60 : 5300 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5300.00        | 118.0 PK                |                |             | 2.36 H             | 164                  | 77.2             | 40.8                     |
| 2                                                    | *5300.00        | 110.4 AV                |                |             | 2.36 H             | 164                  | 69.6             | 40.8                     |
| 3                                                    | 10600.00        | 62.5 PK                 | 74.0           | -11.5       | 2.09 H             | 142                  | 53.2             | 9.3                      |
| 4                                                    | 10600.00        | 52.5 AV                 | 54.0           | -1.5        | 2.09 H             | 142                  | 43.2             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5300.00        | 113.7 PK                |                |             | 3.14 V             | 218                  | 72.9             | 40.8                     |
| 2                                                    | *5300.00        | 106.0 AV                |                |             | 3.14 V             | 218                  | 65.2             | 40.8                     |
| 3                                                    | 10600.00        | 61.6 PK                 | 74.0           | -12.4       | 1.97 V             | 299                  | 52.3             | 9.3                      |
| 4                                                    | 10600.00        | 51.8 AV                 | 54.0           | -2.2        | 1.97 V             | 299                  | 42.5             | 9.3                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* " : Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 64 : 5320 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 116.9 PK                |                |             | 2.34 H             | 168                  | 76.2             | 40.7                     |
| 2                                                    | *5320.00        | 109.2 AV                |                |             | 2.34 H             | 168                  | 68.5             | 40.7                     |
| 3                                                    | 5350.00         | 60.6 PK                 | 74.0           | -13.4       | 2.34 H             | 168                  | 57.8             | 2.8                      |
| 4                                                    | 5350.00         | 48.6 AV                 | 54.0           | -5.4        | 2.34 H             | 168                  | 45.8             | 2.8                      |
| 5                                                    | 10640.00        | 63.0 PK                 | 74.0           | -11.0       | 2.07 H             | 144                  | 53.7             | 9.3                      |
| 6                                                    | 10640.00        | 52.6 AV                 | 54.0           | -1.4        | 2.07 H             | 144                  | 43.3             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 112.8 PK                |                |             | 3.14 V             | 222                  | 72.1             | 40.7                     |
| 2                                                    | *5320.00        | 105.0 AV                |                |             | 3.14 V             | 222                  | 64.3             | 40.7                     |
| 3                                                    | 5350.00         | 54.3 PK                 | 74.0           | -19.7       | 3.14 V             | 222                  | 51.5             | 2.8                      |
| 4                                                    | 5350.00         | 45.1 AV                 | 54.0           | -8.9        | 3.14 V             | 222                  | 42.3             | 2.8                      |
| 5                                                    | 10640.00        | 61.4 PK                 | 74.0           | -12.6       | 2.03 V             | 294                  | 52.1             | 9.3                      |
| 6                                                    | 10640.00        | 51.8 AV                 | 54.0           | -2.2        | 2.03 V             | 294                  | 42.5             | 9.3                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.



|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 52 : 5260 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 54.5 PK                 | 74.0           | -19.5       | 2.33 H             | 166                  | 51.9             | 2.6                      |
| 2                                                    | 5150.00         | 43.9 AV                 | 54.0           | -10.1       | 2.33 H             | 166                  | 41.3             | 2.6                      |
| 3                                                    | *5260.00        | 120.5 PK                |                |             | 2.33 H             | 166                  | 79.6             | 40.9                     |
| 4                                                    | *5260.00        | 110.6 AV                |                |             | 2.33 H             | 166                  | 69.7             | 40.9                     |
| 5                                                    | #10520.00       | 63.1 PK                 | 68.2           | -5.1        | 2.12 H             | 136                  | 53.8             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 52.9 PK                 | 74.0           | -21.1       | 3.15 V             | 218                  | 50.3             | 2.6                      |
| 2                                                    | 5150.00         | 42.9 AV                 | 54.0           | -11.1       | 3.15 V             | 218                  | 40.3             | 2.6                      |
| 3                                                    | *5260.00        | 116.1 PK                |                |             | 3.15 V             | 218                  | 75.2             | 40.9                     |
| 4                                                    | *5260.00        | 106.2 AV                |                |             | 3.15 V             | 218                  | 65.3             | 40.9                     |
| 5                                                    | #10520.00       | 51.7 PK                 | 68.2           | -16.5       | 2.03 V             | 298                  | 42.4             | 9.3                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 60 : 5300 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5300.00        | 120.5 PK                |                |             | 2.28 H             | 167                  | 79.7             | 40.8                     |
| 2                                                    | *5300.00        | 110.7 AV                |                |             | 2.28 H             | 167                  | 69.9             | 40.8                     |
| 3                                                    | 10600.00        | 62.9 PK                 | 74.0           | -11.1       | 2.21 H             | 136                  | 53.6             | 9.3                      |
| 4                                                    | 10600.00        | 53.2 AV                 | 54.0           | -0.8        | 2.21 H             | 136                  | 43.9             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5300.00        | 116.1 PK                |                |             | 3.15 V             | 223                  | 75.3             | 40.8                     |
| 2                                                    | *5300.00        | 106.2 AV                |                |             | 3.15 V             | 223                  | 65.4             | 40.8                     |
| 3                                                    | 10600.00        | 61.7 PK                 | 74.0           | -12.3       | 2.03 V             | 303                  | 52.4             | 9.3                      |
| 4                                                    | 10600.00        | 52.1 AV                 | 54.0           | -1.9        | 2.03 V             | 303                  | 42.8             | 9.3                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* " : Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 64 : 5320 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 119.2 PK                |                |             | 2.32 H             | 166                  | 78.5             | 40.7                     |
| 2                                                    | *5320.00        | 109.3 AV                |                |             | 2.32 H             | 166                  | 68.6             | 40.7                     |
| 3                                                    | 5350.00         | 64.2 PK                 | 74.0           | -9.8        | 2.32 H             | 166                  | 61.4             | 2.8                      |
| 4                                                    | <b>5350.00</b>  | <b>53.8 AV</b>          | <b>54.0</b>    | <b>-0.2</b> | <b>2.32 H</b>      | <b>166</b>           | <b>51.0</b>      | <b>2.8</b>               |
| 5                                                    | 10640.00        | 63.5 PK                 | 74.0           | -10.5       | 2.10 H             | 139                  | 54.2             | 9.3                      |
| 6                                                    | 10640.00        | 53.0 AV                 | 54.0           | -1.0        | 2.10 H             | 139                  | 43.7             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 114.8 PK                |                |             | 3.12 V             | 217                  | 74.1             | 40.7                     |
| 2                                                    | *5320.00        | 105.0 AV                |                |             | 3.12 V             | 217                  | 64.3             | 40.7                     |
| 3                                                    | 5350.00         | 59.3 PK                 | 74.0           | -14.7       | 3.12 V             | 217                  | 56.5             | 2.8                      |
| 4                                                    | 5350.00         | 49.4 AV                 | 54.0           | -4.6        | 3.12 V             | 217                  | 46.6             | 2.8                      |
| 5                                                    | 10640.00        | 61.8 PK                 | 74.0           | -12.2       | 2.06 V             | 308                  | 52.5             | 9.3                      |
| 6                                                    | 10640.00        | 51.9 AV                 | 54.0           | -2.1        | 2.06 V             | 308                  | 42.6             | 9.3                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 54 : 5270 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5270.00        | 117.6 PK                |                |             | 2.38 H             | 197                  | 76.7             | 40.9                     |
| 2                                                    | *5270.00        | 107.8 AV                |                |             | 2.38 H             | 197                  | 66.9             | 40.9                     |
| 3                                                    | 5350.00         | 65.3 PK                 | 74.0           | -8.7        | 2.38 H             | 197                  | 62.5             | 2.8                      |
| 4                                                    | 5350.00         | 53.3 AV                 | 54.0           | -0.7        | 2.38 H             | 197                  | 50.5             | 2.8                      |
| 5                                                    | #10540.00       | 58.8 PK                 | 68.2           | -9.4        | 1.92 H             | 131                  | 49.5             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5270.00        | 113.3 PK                |                |             | 3.07 V             | 218                  | 72.4             | 40.9                     |
| 2                                                    | *5270.00        | 103.5 AV                |                |             | 3.07 V             | 218                  | 62.6             | 40.9                     |
| 3                                                    | 5350.00         | 59.1 PK                 | 74.0           | -14.9       | 3.07 V             | 218                  | 56.3             | 2.8                      |
| 4                                                    | 5350.00         | 48.5 AV                 | 54.0           | -5.5        | 3.07 V             | 218                  | 45.7             | 2.8                      |
| 5                                                    | #10540.00       | 57.7 PK                 | 68.2           | -10.5       | 2.08 V             | 303                  | 48.4             | 9.3                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 62 : 5310 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5310.00        | 113.3 PK                |                |             | 2.29 H             | 197                  | 72.6             | 40.7                     |
| 2                                                    | *5310.00        | 103.5 AV                |                |             | 2.29 H             | 197                  | 62.8             | 40.7                     |
| 3                                                    | 5350.00         | 60.9 PK                 | 74.0           | -13.1       | 2.29 H             | 197                  | 58.1             | 2.8                      |
| 4                                                    | 5350.00         | 51.3 AV                 | 54.0           | -2.7        | 2.29 H             | 197                  | 48.5             | 2.8                      |
| 5                                                    | 10620.00        | 58.7 PK                 | 74.0           | -15.3       | 2.06 H             | 144                  | 49.4             | 9.3                      |
| 6                                                    | 10620.00        | 50.5 AV                 | 54.0           | -3.5        | 2.06 H             | 144                  | 41.2             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5310.00        | 109.2 PK                |                |             | 3.09 V             | 213                  | 68.5             | 40.7                     |
| 2                                                    | *5310.00        | 99.4 AV                 |                |             | 3.09 V             | 213                  | 58.7             | 40.7                     |
| 3                                                    | 5350.00         | 56.1 PK                 | 74.0           | -17.9       | 3.09 V             | 213                  | 53.3             | 2.8                      |
| 4                                                    | 5350.00         | 47.4 AV                 | 54.0           | -6.6        | 3.09 V             | 213                  | 44.6             | 2.8                      |
| 5                                                    | 10620.00        | 57.5 PK                 | 74.0           | -16.5       | 1.97 V             | 303                  | 48.2             | 9.3                      |
| 6                                                    | 10620.00        | 49.9 AV                 | 54.0           | -4.1        | 1.97 V             | 303                  | 40.6             | 9.3                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE80) | Channel                       | CH 58 : 5290 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5290.00        | 108.6 PK                |                |             | 2.38 H             | 197                  | 67.8             | 40.8                     |
| 2                                                    | *5290.00        | 98.9 AV                 |                |             | 2.38 H             | 197                  | 58.1             | 40.8                     |
| 3                                                    | 5350.00         | 61.7 PK                 | 74.0           | -12.3       | 2.38 H             | 197                  | 58.9             | 2.8                      |
| 4                                                    | 5350.00         | 53.4 AV                 | 54.0           | -0.6        | 2.38 H             | 197                  | 50.6             | 2.8                      |
| 5                                                    | #10580.00       | 58.4 PK                 | 68.2           | -9.8        | 2.05 H             | 146                  | 49.2             | 9.2                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5290.00        | 104.4 PK                |                |             | 3.13 V             | 216                  | 63.6             | 40.8                     |
| 2                                                    | *5290.00        | 94.6 AV                 |                |             | 3.13 V             | 216                  | 53.8             | 40.8                     |
| 3                                                    | 5350.00         | 57.2 PK                 | 74.0           | -16.8       | 3.13 V             | 216                  | 54.4             | 2.8                      |
| 4                                                    | 5350.00         | 49.1 AV                 | 54.0           | -4.9        | 3.13 V             | 216                  | 46.3             | 2.8                      |
| 5                                                    | #10580.00       | 57.3 PK                 | 68.2           | -10.9       | 2.09 V             | 295                  | 48.1             | 9.2                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                  |                               |                                                                      |
|-----------------|------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE160) | Channel                       | CH 50 : 5250 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=2 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 63.0 PK                 | 74.0           | -11.0       | 2.36 H             | 197                  | 60.4             | 2.6                      |
| 2                                                    | 5150.00         | 51.1 AV                 | 54.0           | -2.9        | 2.36 H             | 197                  | 48.5             | 2.6                      |
| 3                                                    | *5250.00        | 104.3 PK                |                |             | 2.36 H             | 197                  | 63.4             | 40.9                     |
| 4                                                    | *5250.00        | 95.0 AV                 |                |             | 2.36 H             | 197                  | 54.1             | 40.9                     |
| 5                                                    | 5350.00         | 58.2 PK                 | 74.0           | -15.8       | 2.36 H             | 197                  | 55.4             | 2.8                      |
| 6                                                    | 5350.00         | 50.0 AV                 | 54.0           | -4.0        | 2.36 H             | 197                  | 47.2             | 2.8                      |
| 7                                                    | #10500.00       | 57.9 PK                 | 68.2           | -10.3       | 2.39 H             | 148                  | 48.6             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 60.7 PK                 | 74.0           | -13.3       | 2.70 V             | 215                  | 58.1             | 2.6                      |
| 2                                                    | 5150.00         | 49.0 AV                 | 54.0           | -5.0        | 2.70 V             | 215                  | 46.4             | 2.6                      |
| 3                                                    | *5250.00        | 100.7 PK                |                |             | 2.70 V             | 215                  | 59.8             | 40.9                     |
| 4                                                    | *5250.00        | 91.3 AV                 |                |             | 2.70 V             | 215                  | 50.4             | 40.9                     |
| 5                                                    | 5350.00         | 56.0 PK                 | 74.0           | -18.0       | 2.70 V             | 215                  | 53.2             | 2.8                      |
| 6                                                    | 5350.00         | 47.0 AV                 | 54.0           | -7.0        | 2.70 V             | 215                  | 44.2             | 2.8                      |
| 7                                                    | #10500.00       | 57.1 PK                 | 68.2           | -11.1       | 2.57 V             | 313                  | 47.8             | 9.3                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 100 : 5500 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 55.5 PK                 | 74.0           | -18.5       | 2.48 H             | 196                  | 52.4             | 3.1                      |
| 2                                                    | 5460.00         | 46.2 AV                 | 54.0           | -7.8        | 2.48 H             | 196                  | 43.1             | 3.1                      |
| 3                                                    | #5470.00        | 57.0 PK                 | 68.2           | -11.2       | 2.48 H             | 196                  | 53.8             | 3.2                      |
| 4                                                    | *5500.00        | 115.7 PK                |                |             | 2.48 H             | 196                  | 74.4             | 41.3                     |
| 5                                                    | *5500.00        | 108.3 AV                |                |             | 2.48 H             | 196                  | 67.0             | 41.3                     |
| 6                                                    | 11000.00        | 60.6 PK                 | 74.0           | -13.4       | 2.56 H             | 142                  | 51.2             | 9.4                      |
| 7                                                    | 11000.00        | 51.5 AV                 | 54.0           | -2.5        | 2.56 H             | 142                  | 42.1             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 52.5 PK                 | 74.0           | -21.5       | 2.69 V             | 204                  | 49.4             | 3.1                      |
| 2                                                    | 5460.00         | 44.4 AV                 | 54.0           | -9.6        | 2.69 V             | 204                  | 41.3             | 3.1                      |
| 3                                                    | #5470.00        | 54.0 PK                 | 68.2           | -14.2       | 2.69 V             | 204                  | 50.8             | 3.2                      |
| 4                                                    | *5500.00        | 111.9 PK                |                |             | 2.69 V             | 204                  | 70.6             | 41.3                     |
| 5                                                    | *5500.00        | 104.6 AV                |                |             | 2.69 V             | 204                  | 63.3             | 41.3                     |
| 6                                                    | 11000.00        | 59.6 PK                 | 74.0           | -14.4       | 2.59 V             | 318                  | 50.2             | 9.4                      |
| 7                                                    | 11000.00        | 50.3 AV                 | 54.0           | -3.7        | 2.59 V             | 318                  | 40.9             | 9.4                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 116 : 5580 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5580.00        | 116.1 PK                |                |             | 2.48 H             | 198                  | 74.7             | 41.4                     |
| 2                                                    | *5580.00        | 108.6 AV                |                |             | 2.48 H             | 198                  | 67.2             | 41.4                     |
| 3                                                    | 11160.00        | 60.9 PK                 | 74.0           | -13.1       | 2.55 H             | 139                  | 51.3             | 9.6                      |
| 4                                                    | 11160.00        | 51.8 AV                 | 54.0           | -2.2        | 2.55 H             | 139                  | 42.2             | 9.6                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5580.00        | 112.3 PK                |                |             | 2.73 V             | 214                  | 70.9             | 41.4                     |
| 2                                                    | *5580.00        | 104.8 AV                |                |             | 2.73 V             | 214                  | 63.4             | 41.4                     |
| 3                                                    | 11160.00        | 60.2 PK                 | 74.0           | -13.8       | 2.56 V             | 319                  | 50.6             | 9.6                      |
| 4                                                    | 11160.00        | 50.8 AV                 | 54.0           | -3.2        | 2.56 V             | 319                  | 41.2             | 9.6                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 140 : 5700 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 116.0 PK                |                |             | 2.48 H             | 197                  | 73.6             | 42.4                     |
| 2                                                    | *5700.00        | 108.5 AV                |                |             | 2.48 H             | 197                  | 66.1             | 42.4                     |
| 3                                                    | #5725.00        | 57.9 PK                 | 68.2           | -10.3       | 2.48 H             | 197                  | 53.3             | 4.6                      |
| 4                                                    | 11400.00        | 60.6 PK                 | 74.0           | -13.4       | 2.39 H             | 143                  | 50.8             | 9.8                      |
| 5                                                    | 11400.00        | 52.0 AV                 | 54.0           | -2.0        | 2.39 H             | 143                  | 42.2             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 112.0 PK                |                |             | 2.75 V             | 211                  | 69.6             | 42.4                     |
| 2                                                    | *5700.00        | 104.6 AV                |                |             | 2.75 V             | 211                  | 62.2             | 42.4                     |
| 3                                                    | #5725.00        | 56.0 PK                 | 68.2           | -12.2       | 2.75 V             | 211                  | 51.4             | 4.6                      |
| 4                                                    | 11400.00        | 60.0 PK                 | 74.0           | -14.0       | 2.48 V             | 312                  | 50.2             | 9.8                      |
| 5                                                    | 11400.00        | 50.5 AV                 | 54.0           | -3.5        | 2.48 V             | 312                  | 40.7             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 144 : 5720 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 52.4 PK                 | 68.2           | -15.8       | 2.34 H             | 197                  | 49.2             | 3.2                      |
| 2                                                    | *5720.00        | 115.5 PK                |                |             | 2.34 H             | 197                  | 73.1             | 42.4                     |
| 3                                                    | *5720.00        | 108.2 AV                |                |             | 2.34 H             | 197                  | 65.8             | 42.4                     |
| 4                                                    | #5850.00        | 54.2 PK                 | 68.2           | -14.0       | 2.34 H             | 197                  | 49.2             | 5.0                      |
| 5                                                    | 11440.00        | 60.7 PK                 | 74.0           | -13.3       | 2.59 H             | 144                  | 50.9             | 9.8                      |
| 6                                                    | 11440.00        | 51.8 AV                 | 54.0           | -2.2        | 2.59 H             | 144                  | 42.0             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 52.1 PK                 | 68.2           | -16.1       | 2.75 V             | 210                  | 48.9             | 3.2                      |
| 2                                                    | *5720.00        | 112.0 PK                |                |             | 2.75 V             | 210                  | 69.6             | 42.4                     |
| 3                                                    | *5720.00        | 104.5 AV                |                |             | 2.75 V             | 210                  | 62.1             | 42.4                     |
| 4                                                    | #5850.00        | 54.1 PK                 | 68.2           | -14.1       | 2.75 V             | 210                  | 49.1             | 5.0                      |
| 5                                                    | 11440.00        | 60.0 PK                 | 74.0           | -14.0       | 2.46 V             | 315                  | 50.2             | 9.8                      |
| 6                                                    | 11440.00        | 50.4 AV                 | 54.0           | -3.6        | 2.46 V             | 315                  | 40.6             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 100 : 5500 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 58.0 PK                 | 74.0           | -16.0       | 2.48 H             | 199                  | 54.9             | 3.1                      |
| 2                                                    | 5460.00         | 48.1 AV                 | 54.0           | -5.9        | 2.48 H             | 199                  | 45.0             | 3.1                      |
| 3                                                    | #5470.00        | 58.8 PK                 | 68.2           | -9.4        | 2.48 H             | 199                  | 55.6             | 3.2                      |
| 4                                                    | *5500.00        | 116.7 PK                |                |             | 2.48 H             | 199                  | 75.4             | 41.3                     |
| 5                                                    | *5500.00        | 107.0 AV                |                |             | 2.48 H             | 199                  | 65.7             | 41.3                     |
| 6                                                    | 11000.00        | 60.2 PK                 | 74.0           | -13.8       | 2.37 H             | 146                  | 50.8             | 9.4                      |
| 7                                                    | 11000.00        | 51.5 AV                 | 54.0           | -2.5        | 2.37 H             | 146                  | 42.1             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 55.4 PK                 | 74.0           | -18.6       | 2.71 V             | 226                  | 52.3             | 3.1                      |
| 2                                                    | 5460.00         | 46.7 AV                 | 54.0           | -7.3        | 2.71 V             | 226                  | 43.6             | 3.1                      |
| 3                                                    | #5470.00        | 56.8 PK                 | 68.2           | -11.4       | 2.71 V             | 226                  | 53.6             | 3.2                      |
| 4                                                    | *5500.00        | 112.9 PK                |                |             | 2.71 V             | 226                  | 71.6             | 41.3                     |
| 5                                                    | *5500.00        | 103.2 AV                |                |             | 2.71 V             | 226                  | 61.9             | 41.3                     |
| 6                                                    | 11000.00        | 59.7 PK                 | 74.0           | -14.3       | 2.55 V             | 316                  | 50.3             | 9.4                      |
| 7                                                    | 11000.00        | 50.4 AV                 | 54.0           | -3.6        | 2.55 V             | 316                  | 41.0             | 9.4                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 116 : 5580 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5580.00        | 117.8 PK                |                |             | 2.31 H             | 196                  | 76.4             | 41.4                     |
| 2                                                    | *5580.00        | 108.0 AV                |                |             | 2.31 H             | 196                  | 66.6             | 41.4                     |
| 3                                                    | 11160.00        | 60.9 PK                 | 74.0           | -13.1       | 2.42 H             | 139                  | 51.3             | 9.6                      |
| 4                                                    | 11160.00        | 52.0 AV                 | 54.0           | -2.0        | 2.42 H             | 139                  | 42.4             | 9.6                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5580.00        | 114.1 PK                |                |             | 2.67 V             | 219                  | 72.7             | 41.4                     |
| 2                                                    | *5580.00        | 104.3 AV                |                |             | 2.67 V             | 219                  | 62.9             | 41.4                     |
| 3                                                    | 11160.00        | 60.1 PK                 | 74.0           | -13.9       | 2.59 V             | 313                  | 50.5             | 9.6                      |
| 4                                                    | 11160.00        | 50.7 AV                 | 54.0           | -3.3        | 2.59 V             | 313                  | 41.1             | 9.6                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 140 : 5700 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 114.0 PK                |                |             | 2.22 H             | 195                  | 71.6             | 42.4                     |
| 2                                                    | *5700.00        | 104.3 AV                |                |             | 2.22 H             | 195                  | 61.9             | 42.4                     |
| 3                                                    | #5725.00        | 55.8 PK                 | 68.2           | -12.4       | 2.22 H             | 195                  | 51.2             | 4.6                      |
| 4                                                    | 11400.00        | 60.3 PK                 | 74.0           | -13.7       | 2.38 H             | 148                  | 50.5             | 9.8                      |
| 5                                                    | 11400.00        | 51.9 AV                 | 54.0           | -2.1        | 2.38 H             | 148                  | 42.1             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 110.3 PK                |                |             | 2.65 V             | 209                  | 67.9             | 42.4                     |
| 2                                                    | *5700.00        | 100.6 AV                |                |             | 2.65 V             | 209                  | 58.2             | 42.4                     |
| 3                                                    | #5725.00        | 54.8 PK                 | 68.2           | -13.4       | 2.65 V             | 209                  | 50.2             | 4.6                      |
| 4                                                    | 11400.00        | 59.6 PK                 | 74.0           | -14.4       | 2.57 V             | 323                  | 49.8             | 9.8                      |
| 5                                                    | 11400.00        | 50.6 AV                 | 54.0           | -3.4        | 2.57 V             | 323                  | 40.8             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 144 : 5720 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 54.0 PK                 | 68.2           | -14.2       | 2.29 H             | 197                  | 50.8             | 3.2                      |
| 2                                                    | *5720.00        | 118.7 PK                |                |             | 2.29 H             | 197                  | 76.3             | 42.4                     |
| 3                                                    | *5720.00        | 108.8 AV                |                |             | 2.29 H             | 197                  | 66.4             | 42.4                     |
| 4                                                    | #5850.00        | 56.2 PK                 | 68.2           | -12.0       | 2.29 H             | 197                  | 51.2             | 5.0                      |
| 5                                                    | 11440.00        | 61.0 PK                 | 74.0           | -13.0       | 2.49 H             | 133                  | 51.2             | 9.8                      |
| 6                                                    | 11440.00        | 52.2 AV                 | 54.0           | -1.8        | 2.49 H             | 133                  | 42.4             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 53.6 PK                 | 68.2           | -14.6       | 2.74 V             | 217                  | 50.4             | 3.2                      |
| 2                                                    | *5720.00        | 115.0 PK                |                |             | 2.74 V             | 217                  | 72.6             | 42.4                     |
| 3                                                    | *5720.00        | 105.2 AV                |                |             | 2.74 V             | 217                  | 62.8             | 42.4                     |
| 4                                                    | #5850.00        | 55.8 PK                 | 68.2           | -12.4       | 2.74 V             | 217                  | 50.8             | 5.0                      |
| 5                                                    | 11440.00        | 60.4 PK                 | 74.0           | -13.6       | 2.46 V             | 315                  | 50.6             | 9.8                      |
| 6                                                    | 11440.00        | 51.0 AV                 | 54.0           | -3.0        | 2.46 V             | 315                  | 41.2             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 102 : 5510 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 59.4 PK                 | 74.0           | -14.6       | 2.25 H             | 196                  | 56.3             | 3.1                      |
| 2                                                    | 5460.00         | 52.0 AV                 | 54.0           | -2.0        | 2.25 H             | 196                  | 48.9             | 3.1                      |
| 3                                                    | #5470.00        | 60.6 PK                 | 68.2           | -7.6        | 2.25 H             | 196                  | 57.4             | 3.2                      |
| 4                                                    | *5510.00        | 113.7 PK                |                |             | 2.25 H             | 196                  | 72.4             | 41.3                     |
| 5                                                    | *5510.00        | 104.1 AV                |                |             | 2.25 H             | 196                  | 62.8             | 41.3                     |
| 6                                                    | 11020.00        | 59.6 PK                 | 74.0           | -14.4       | 2.37 H             | 145                  | 50.2             | 9.4                      |
| 7                                                    | 11020.00        | 51.2 AV                 | 54.0           | -2.8        | 2.37 H             | 145                  | 41.8             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 58.6 PK                 | 74.0           | -15.4       | 2.73 V             | 212                  | 55.5             | 3.1                      |
| 2                                                    | 5460.00         | 48.4 AV                 | 54.0           | -5.6        | 2.73 V             | 212                  | 45.3             | 3.1                      |
| 3                                                    | #5470.00        | 59.6 PK                 | 68.2           | -8.6        | 2.73 V             | 212                  | 56.4             | 3.2                      |
| 4                                                    | *5510.00        | 110.4 PK                |                |             | 2.73 V             | 212                  | 69.1             | 41.3                     |
| 5                                                    | *5510.00        | 100.7 AV                |                |             | 2.73 V             | 212                  | 59.4             | 41.3                     |
| 6                                                    | 11020.00        | 59.1 PK                 | 74.0           | -14.9       | 2.49 V             | 322                  | 49.7             | 9.4                      |
| 7                                                    | 11020.00        | 50.0 AV                 | 54.0           | -4.0        | 2.49 V             | 322                  | 40.6             | 9.4                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 110 : 5550 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5550.00        | 116.5 PK                |                |             | 2.35 H             | 196                  | 75.2             | 41.3                     |
| 2                                                    | *5550.00        | 106.9 AV                |                |             | 2.35 H             | 196                  | 65.6             | 41.3                     |
| 3                                                    | 11100.00        | 59.8 PK                 | 74.0           | -14.2       | 2.49 H             | 135                  | 50.3             | 9.5                      |
| 4                                                    | 11100.00        | 51.4 AV                 | 54.0           | -2.6        | 2.49 H             | 135                  | 41.9             | 9.5                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5550.00        | 113.0 PK                |                |             | 2.73 V             | 217                  | 71.7             | 41.3                     |
| 2                                                    | *5550.00        | 103.3 AV                |                |             | 2.73 V             | 217                  | 62.0             | 41.3                     |
| 3                                                    | 11100.00        | 59.1 PK                 | 74.0           | -14.9       | 2.61 V             | 310                  | 49.6             | 9.5                      |
| 4                                                    | 11100.00        | 50.0 AV                 | 54.0           | -4.0        | 2.61 V             | 310                  | 40.5             | 9.5                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 134 : 5670 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5670.00        | 114.9 PK                |                |             | 2.31 H             | 195                  | 72.7             | 42.2                     |
| 2                                                    | *5670.00        | 105.1 AV                |                |             | 2.31 H             | 195                  | 62.9             | 42.2                     |
| 3                                                    | #5725.00        | 61.3 PK                 | 68.2           | -6.9        | 2.31 H             | 195                  | 56.7             | 4.6                      |
| 4                                                    | 11340.00        | 60.4 PK                 | 74.0           | -13.6       | 2.52 H             | 138                  | 50.4             | 10.0                     |
| 5                                                    | 11340.00        | 52.0 AV                 | 54.0           | -2.0        | 2.52 H             | 138                  | 42.0             | 10.0                     |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5670.00        | 111.1 PK                |                |             | 2.64 V             | 209                  | 68.9             | 42.2                     |
| 2                                                    | *5670.00        | 101.4 AV                |                |             | 2.64 V             | 209                  | 59.2             | 42.2                     |
| 3                                                    | #5725.00        | 58.2 PK                 | 68.2           | -10.0       | 2.64 V             | 209                  | 53.6             | 4.6                      |
| 4                                                    | 11340.00        | 59.7 PK                 | 74.0           | -14.3       | 2.48 V             | 311                  | 49.7             | 10.0                     |
| 5                                                    | 11340.00        | 50.6 AV                 | 54.0           | -3.4        | 2.48 V             | 311                  | 40.6             | 10.0                     |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 142 : 5710 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 54.0 PK                 | 68.2           | -14.2       | 2.31 H             | 198                  | 50.8             | 3.2                      |
| 2                                                    | *5710.00        | 117.2 PK                |                |             | 2.31 H             | 198                  | 74.8             | 42.4                     |
| 3                                                    | *5710.00        | 107.7 AV                |                |             | 2.31 H             | 198                  | 65.3             | 42.4                     |
| 4                                                    | #5850.00        | 56.2 PK                 | 68.2           | -12.0       | 2.31 H             | 198                  | 51.2             | 5.0                      |
| 5                                                    | 11420.00        | 60.5 PK                 | 74.0           | -13.5       | 2.41 H             | 143                  | 50.7             | 9.8                      |
| 6                                                    | 11420.00        | 52.0 AV                 | 54.0           | -2.0        | 2.41 H             | 143                  | 42.2             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 53.7 PK                 | 68.2           | -14.5       | 2.71 V             | 209                  | 50.5             | 3.2                      |
| 2                                                    | *5710.00        | 113.7 PK                |                |             | 2.71 V             | 209                  | 71.3             | 42.4                     |
| 3                                                    | *5710.00        | 104.1 AV                |                |             | 2.71 V             | 209                  | 61.7             | 42.4                     |
| 4                                                    | #5850.00        | 55.9 PK                 | 68.2           | -12.3       | 2.71 V             | 209                  | 50.9             | 5.0                      |
| 5                                                    | 11420.00        | 59.9 PK                 | 74.0           | -14.1       | 2.54 V             | 316                  | 50.1             | 9.8                      |
| 6                                                    | 11420.00        | 50.6 AV                 | 54.0           | -3.4        | 2.54 V             | 316                  | 40.8             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE80) | Channel                       | CH 106 : 5530 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 61.7 PK                 | 74.0           | -12.3       | 2.33 H             | 197                  | 58.6             | 3.1                      |
| 2                                                    | 5460.00         | 53.4 AV                 | 54.0           | -0.6        | 2.33 H             | 197                  | 50.3             | 3.1                      |
| 3                                                    | #5470.00        | 64.7 PK                 | 68.2           | -3.5        | 2.33 H             | 197                  | 61.5             | 3.2                      |
| 4                                                    | *5530.00        | 110.9 PK                |                |             | 2.33 H             | 197                  | 69.6             | 41.3                     |
| 5                                                    | *5530.00        | 101.2 AV                |                |             | 2.33 H             | 197                  | 59.9             | 41.3                     |
| 6                                                    | 11060.00        | 59.0 PK                 | 74.0           | -15.0       | 2.36 H             | 142                  | 49.6             | 9.4                      |
| 7                                                    | 11060.00        | 50.7 AV                 | 54.0           | -3.3        | 2.36 H             | 142                  | 41.3             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 59.9 PK                 | 74.0           | -14.1       | 2.72 V             | 213                  | 56.8             | 3.1                      |
| 2                                                    | 5460.00         | 51.0 AV                 | 54.0           | -3.0        | 2.72 V             | 213                  | 47.9             | 3.1                      |
| 3                                                    | #5470.00        | 62.4 PK                 | 68.2           | -5.8        | 2.72 V             | 213                  | 59.2             | 3.2                      |
| 4                                                    | *5530.00        | 107.5 PK                |                |             | 2.72 V             | 213                  | 66.2             | 41.3                     |
| 5                                                    | *5530.00        | 97.9 AV                 |                |             | 2.72 V             | 213                  | 56.6             | 41.3                     |
| 6                                                    | 11060.00        | 57.8 PK                 | 74.0           | -16.2       | 2.57 V             | 314                  | 48.4             | 9.4                      |
| 7                                                    | 11060.00        | 49.9 AV                 | 54.0           | -4.1        | 2.57 V             | 314                  | 40.5             | 9.4                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE80) | Channel                       | CH 122 : 5610 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5610.00        | 111.9 PK                |                |             | 2.32 H             | 198                  | 70.3             | 41.6                     |
| 2                                                    | *5610.00        | 102.2 AV                |                |             | 2.32 H             | 198                  | 60.6             | 41.6                     |
| 3                                                    | #5725.00        | 66.7 PK                 | 68.2           | -1.5        | 2.32 H             | 198                  | 62.1             | 4.6                      |
| 4                                                    | 11220.00        | 60.2 PK                 | 74.0           | -13.8       | 2.38 H             | 144                  | 50.4             | 9.8                      |
| 5                                                    | 11220.00        | 51.4 AV                 | 54.0           | -2.6        | 2.38 H             | 144                  | 41.6             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5610.00        | 108.1 PK                |                |             | 2.72 V             | 212                  | 66.5             | 41.6                     |
| 2                                                    | *5610.00        | 98.5 AV                 |                |             | 2.72 V             | 212                  | 56.9             | 41.6                     |
| 3                                                    | #5725.00        | 63.1 PK                 | 68.2           | -5.1        | 2.72 V             | 212                  | 58.5             | 4.6                      |
| 4                                                    | 11220.00        | 59.4 PK                 | 74.0           | -14.6       | 2.56 V             | 324                  | 49.6             | 9.8                      |
| 5                                                    | 11220.00        | 50.3 AV                 | 54.0           | -3.7        | 2.56 V             | 324                  | 40.5             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE80) | Channel                       | CH 138 : 5690 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 60.9 PK                 | 68.2           | -7.3        | 2.30 H             | 197                  | 57.7             | 3.2                      |
| 2                                                    | *5690.00        | 115.0 PK                |                |             | 2.30 H             | 197                  | 72.6             | 42.4                     |
| 3                                                    | *5690.00        | 105.3 AV                |                |             | 2.30 H             | 197                  | 62.9             | 42.4                     |
| 4                                                    | #5850.00        | 67.4 PK                 | 68.2           | -0.8        | 2.30 H             | 197                  | 62.4             | 5.0                      |
| 5                                                    | 11380.00        | 60.3 PK                 | 74.0           | -13.7       | 2.44 H             | 145                  | 50.4             | 9.9                      |
| 6                                                    | 11380.00        | 51.9 AV                 | 54.0           | -2.1        | 2.44 H             | 145                  | 42.0             | 9.9                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 56.3 PK                 | 68.2           | -11.9       | 2.77 V             | 212                  | 53.1             | 3.2                      |
| 2                                                    | *5690.00        | 111.6 PK                |                |             | 2.77 V             | 212                  | 69.2             | 42.4                     |
| 3                                                    | *5690.00        | 102.0 AV                |                |             | 2.77 V             | 212                  | 59.6             | 42.4                     |
| 4                                                    | #5850.00        | 62.4 PK                 | 68.2           | -5.8        | 2.77 V             | 212                  | 57.4             | 5.0                      |
| 5                                                    | 11380.00        | 59.5 PK                 | 74.0           | -14.5       | 2.62 V             | 315                  | 49.6             | 9.9                      |
| 6                                                    | 11380.00        | 50.1 AV                 | 54.0           | -3.9        | 2.62 V             | 315                  | 40.2             | 9.9                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                  |                               |                                                                      |
|-----------------|------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE160) | Channel                       | CH 114 : 5570 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=2 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 61.4 PK                 | 74.0           | -12.6       | 2.41 H             | 199                  | 58.3             | 3.1                      |
| 2                                                    | 5460.00         | 50.2 AV                 | 54.0           | -3.8        | 2.41 H             | 199                  | 47.1             | 3.1                      |
| 3                                                    | #5470.00        | 62.4 PK                 | 68.2           | -5.8        | 2.41 H             | 199                  | 59.2             | 3.2                      |
| 4                                                    | *5570.00        | 102.0 PK                |                |             | 2.41 H             | 199                  | 60.6             | 41.4                     |
| 5                                                    | *5570.00        | 92.6 AV                 |                |             | 2.41 H             | 199                  | 51.2             | 41.4                     |
| 6                                                    | #5725.00        | 56.3 PK                 | 68.2           | -11.9       | 2.41 H             | 199                  | 51.7             | 4.6                      |
| 7                                                    | 11140.00        | 58.4 PK                 | 74.0           | -15.6       | 2.34 H             | 146                  | 48.8             | 9.6                      |
| 8                                                    | 11140.00        | 49.9 AV                 | 54.0           | -4.1        | 2.34 H             | 146                  | 40.3             | 9.6                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 55.6 PK                 | 74.0           | -18.4       | 2.71 V             | 215                  | 52.5             | 3.1                      |
| 2                                                    | 5460.00         | 46.8 AV                 | 54.0           | -7.2        | 2.71 V             | 215                  | 43.7             | 3.1                      |
| 3                                                    | #5470.00        | 57.9 PK                 | 68.2           | -10.3       | 2.71 V             | 215                  | 54.7             | 3.2                      |
| 4                                                    | *5570.00        | 98.6 PK                 |                |             | 2.71 V             | 215                  | 57.2             | 41.4                     |
| 5                                                    | *5570.00        | 89.2 AV                 |                |             | 2.71 V             | 215                  | 47.8             | 41.4                     |
| 6                                                    | #5725.00        | 55.2 PK                 | 68.2           | -13.0       | 2.71 V             | 215                  | 50.6             | 4.6                      |
| 7                                                    | 11140.00        | 57.9 PK                 | 74.0           | -16.1       | 2.57 V             | 311                  | 48.3             | 9.6                      |
| 8                                                    | 11140.00        | 49.2 AV                 | 54.0           | -4.8        | 2.57 V             | 311                  | 39.6             | 9.6                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 149 : 5745 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5608.40        | 52.8 PK                 | 68.2           | -15.4       | 2.39 H             | 196                  | 49.2             | 3.6                      |
| 2                                                    | *5745.00        | 117.6 PK                |                |             | 2.39 H             | 196                  | 75.2             | 42.4                     |
| 3                                                    | *5745.00        | 110.1 AV                |                |             | 2.39 H             | 196                  | 67.7             | 42.4                     |
| 4                                                    | #5983.60        | 54.1 PK                 | 68.2           | -14.1       | 2.39 H             | 196                  | 49.4             | 4.7                      |
| 5                                                    | 11490.00        | 57.8 PK                 | 74.0           | -16.2       | 1.97 H             | 223                  | 48.2             | 9.6                      |
| 6                                                    | 11490.00        | 48.4 AV                 | 54.0           | -5.6        | 1.97 H             | 223                  | 38.8             | 9.6                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5638.80        | 52.8 PK                 | 68.2           | -15.4       | 2.79 V             | 210                  | 48.7             | 4.1                      |
| 2                                                    | *5745.00        | 114.3 PK                |                |             | 2.79 V             | 210                  | 71.9             | 42.4                     |
| 3                                                    | *5745.00        | 106.7 AV                |                |             | 2.79 V             | 210                  | 64.3             | 42.4                     |
| 4                                                    | #5950.40        | 54.2 PK                 | 68.2           | -14.0       | 2.79 V             | 210                  | 49.5             | 4.7                      |
| 5                                                    | 11490.00        | 56.9 PK                 | 74.0           | -17.1       | 2.53 V             | 319                  | 47.3             | 9.6                      |
| 6                                                    | 11490.00        | 48.1 AV                 | 54.0           | -5.9        | 2.53 V             | 319                  | 38.5             | 9.6                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.



|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 157 : 5785 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5645.20        | 54.5 PK                 | 68.2           | -13.7       | 2.41 H             | 200                  | 50.4             | 4.1                      |
| 2                                                    | *5785.00        | 118.2 PK                |                |             | 2.41 H             | 200                  | 75.7             | 42.5                     |
| 3                                                    | *5785.00        | 110.5 AV                |                |             | 2.41 H             | 200                  | 68.0             | 42.5                     |
| 4                                                    | #5986.80        | 54.8 PK                 | 68.2           | -13.4       | 2.41 H             | 200                  | 50.1             | 4.7                      |
| 5                                                    | 11570.00        | 58.4 PK                 | 74.0           | -15.6       | 2.16 H             | 243                  | 48.6             | 9.8                      |
| 6                                                    | 11570.00        | 48.7 AV                 | 54.0           | -5.3        | 2.16 H             | 243                  | 38.9             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5600.80        | 52.1 PK                 | 68.2           | -16.1       | 2.73 V             | 209                  | 48.5             | 3.6                      |
| 2                                                    | *5785.00        | 114.7 PK                |                |             | 2.73 V             | 209                  | 72.2             | 42.5                     |
| 3                                                    | *5785.00        | 107.1 AV                |                |             | 2.73 V             | 209                  | 64.6             | 42.5                     |
| 4                                                    | #5952.00        | 54.7 PK                 | 68.2           | -13.5       | 2.73 V             | 209                  | 50.0             | 4.7                      |
| 5                                                    | 11570.00        | 57.2 PK                 | 74.0           | -16.8       | 2.55 V             | 318                  | 47.4             | 9.8                      |
| 6                                                    | 11570.00        | 48.3 AV                 | 54.0           | -5.7        | 2.55 V             | 318                  | 38.5             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                               |                                                                      |
|-----------------|----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11a        | Channel                       | CH 165 : 5825 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin       |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5648.00        | 54.0 PK                 | 68.2           | -14.2       | 2.40 H             | 197                  | 49.8             | 4.2                      |
| 2                                                    | *5825.00        | 117.5 PK                |                |             | 2.40 H             | 197                  | 74.8             | 42.7                     |
| 3                                                    | *5825.00        | 110.1 AV                |                |             | 2.40 H             | 197                  | 67.4             | 42.7                     |
| 4                                                    | #5942.40        | 54.6 PK                 | 68.2           | -13.6       | 2.40 H             | 197                  | 49.9             | 4.7                      |
| 5                                                    | 11650.00        | 58.4 PK                 | 74.0           | -15.6       | 2.01 H             | 226                  | 48.4             | 10.0                     |
| 6                                                    | 11650.00        | 49.0 AV                 | 54.0           | -5.0        | 2.01 H             | 226                  | 39.0             | 10.0                     |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5647.20        | 53.0 PK                 | 68.2           | -15.2       | 2.75 V             | 213                  | 48.9             | 4.1                      |
| 2                                                    | *5825.00        | 114.0 PK                |                |             | 2.75 V             | 213                  | 71.3             | 42.7                     |
| 3                                                    | *5825.00        | 106.5 AV                |                |             | 2.75 V             | 213                  | 63.8             | 42.7                     |
| 4                                                    | #5999.20        | 54.2 PK                 | 68.2           | -14.0       | 2.75 V             | 213                  | 49.5             | 4.7                      |
| 5                                                    | 11650.00        | 57.2 PK                 | 74.0           | -16.8       | 2.57 V             | 325                  | 47.2             | 10.0                     |
| 6                                                    | 11650.00        | 48.2 AV                 | 54.0           | -5.8        | 2.57 V             | 325                  | 38.2             | 10.0                     |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 149 : 5745 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5600.40        | 54.2 PK                 | 68.2           | -14.0       | 2.41 H             | 198                  | 50.6             | 3.6                      |
| 2                                                    | *5745.00        | 117.5 PK                |                |             | 2.41 H             | 198                  | 75.1             | 42.4                     |
| 3                                                    | *5745.00        | 107.7 AV                |                |             | 2.41 H             | 198                  | 65.3             | 42.4                     |
| 4                                                    | #5932.00        | 56.1 PK                 | 68.2           | -12.1       | 2.41 H             | 198                  | 51.4             | 4.7                      |
| 5                                                    | 11490.00        | 58.1 PK                 | 74.0           | -15.9       | 2.18 H             | 247                  | 48.5             | 9.6                      |
| 6                                                    | 11490.00        | 48.5 AV                 | 54.0           | -5.5        | 2.18 H             | 247                  | 38.9             | 9.6                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5622.40        | 53.3 PK                 | 68.2           | -14.9       | 2.76 V             | 213                  | 49.6             | 3.7                      |
| 2                                                    | *5745.00        | 113.8 PK                |                |             | 2.76 V             | 213                  | 71.4             | 42.4                     |
| 3                                                    | *5745.00        | 104.2 AV                |                |             | 2.76 V             | 213                  | 61.8             | 42.4                     |
| 4                                                    | #5933.60        | 54.0 PK                 | 68.2           | -14.2       | 2.76 V             | 213                  | 49.3             | 4.7                      |
| 5                                                    | 11490.00        | 57.2 PK                 | 74.0           | -16.8       | 2.51 V             | 314                  | 47.6             | 9.6                      |
| 6                                                    | 11490.00        | 48.0 AV                 | 54.0           | -6.0        | 2.51 V             | 314                  | 38.4             | 9.6                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 157 : 5785 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5641.60        | 53.5 PK                 | 68.2           | -14.7       | 2.38 H             | 197                  | 49.4             | 4.1                      |
| 2                                                    | *5785.00        | 118.0 PK                |                |             | 2.38 H             | 197                  | 75.5             | 42.5                     |
| 3                                                    | *5785.00        | 108.4 AV                |                |             | 2.38 H             | 197                  | 65.9             | 42.5                     |
| 4                                                    | #5966.40        | 54.2 PK                 | 68.2           | -14.0       | 2.38 H             | 197                  | 49.5             | 4.7                      |
| 5                                                    | 11570.00        | 58.6 PK                 | 74.0           | -15.4       | 2.15 H             | 247                  | 48.8             | 9.8                      |
| 6                                                    | 11570.00        | 48.7 AV                 | 54.0           | -5.3        | 2.15 H             | 247                  | 38.9             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5629.20        | 53.7 PK                 | 68.2           | -14.5       | 2.70 V             | 219                  | 49.9             | 3.8                      |
| 2                                                    | *5785.00        | 114.3 PK                |                |             | 2.70 V             | 219                  | 71.8             | 42.5                     |
| 3                                                    | *5785.00        | 104.6 AV                |                |             | 2.70 V             | 219                  | 62.1             | 42.5                     |
| 4                                                    | #5960.80        | 54.7 PK                 | 68.2           | -13.5       | 2.70 V             | 219                  | 50.0             | 4.7                      |
| 5                                                    | 11570.00        | 57.6 PK                 | 74.0           | -16.4       | 2.53 V             | 318                  | 47.8             | 9.8                      |
| 6                                                    | 11570.00        | 48.3 AV                 | 54.0           | -5.7        | 2.53 V             | 318                  | 38.5             | 9.8                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE20) | Channel                       | CH 165 : 5825 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5630.00        | 53.8 PK                 | 68.2           | -14.4       | 2.37 H             | 196                  | 50.0             | 3.8                      |
| 2                                                    | *5825.00        | 117.9 PK                |                |             | 2.35 H             | 201                  | 75.2             | 42.7                     |
| 3                                                    | *5825.00        | 108.3 AV                |                |             | 2.35 H             | 201                  | 65.6             | 42.7                     |
| 4                                                    | #5932.80        | 54.6 PK                 | 68.2           | -13.6       | 2.37 H             | 196                  | 49.9             | 4.7                      |
| 5                                                    | 11650.00        | 58.5 PK                 | 74.0           | -15.5       | 2.12 H             | 250                  | 48.5             | 10.0                     |
| 6                                                    | 11650.00        | 48.6 AV                 | 54.0           | -5.4        | 2.12 H             | 250                  | 38.6             | 10.0                     |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5641.20        | 53.7 PK                 | 68.2           | -14.5       | 2.68 V             | 215                  | 49.6             | 4.1                      |
| 2                                                    | *5825.00        | 114.5 PK                |                |             | 2.68 V             | 215                  | 71.8             | 42.7                     |
| 3                                                    | *5825.00        | 104.8 AV                |                |             | 2.68 V             | 215                  | 62.1             | 42.7                     |
| 4                                                    | #5960.40        | 55.1 PK                 | 68.2           | -13.1       | 2.68 V             | 215                  | 50.4             | 4.7                      |
| 5                                                    | 11650.00        | 57.4 PK                 | 74.0           | -16.6       | 2.53 V             | 312                  | 47.4             | 10.0                     |
| 6                                                    | 11650.00        | 48.3 AV                 | 54.0           | -5.7        | 2.53 V             | 312                  | 38.3             | 10.0                     |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 151 : 5755 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5649.20        | 56.0 PK                 | 68.2           | -12.2       | 2.33 H             | 197                  | 51.8             | 4.2                      |
| 2                                                    | *5755.00        | 116.5 PK                |                |             | 2.33 H             | 197                  | 74.1             | 42.4                     |
| 3                                                    | *5755.00        | 106.9 AV                |                |             | 2.33 H             | 197                  | 64.5             | 42.4                     |
| 4                                                    | #5978.40        | 53.7 PK                 | 68.2           | -14.5       | 2.33 H             | 197                  | 49.0             | 4.7                      |
| 5                                                    | 11510.00        | 57.5 PK                 | 74.0           | -16.5       | 2.26 H             | 243                  | 47.8             | 9.7                      |
| 6                                                    | 11510.00        | 48.3 AV                 | 54.0           | -5.7        | 2.26 H             | 243                  | 38.6             | 9.7                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5647.20        | 54.7 PK                 | 68.2           | -13.5       | 2.73 V             | 211                  | 50.6             | 4.1                      |
| 2                                                    | *5755.00        | 112.8 PK                |                |             | 2.73 V             | 211                  | 70.4             | 42.4                     |
| 3                                                    | *5755.00        | 103.2 AV                |                |             | 2.73 V             | 211                  | 60.8             | 42.4                     |
| 4                                                    | #5944.00        | 53.7 PK                 | 68.2           | -14.5       | 2.73 V             | 211                  | 49.0             | 4.7                      |
| 5                                                    | 11510.00        | 57.0 PK                 | 74.0           | -17.0       | 2.52 V             | 326                  | 47.3             | 9.7                      |
| 6                                                    | 11510.00        | 47.8 AV                 | 54.0           | -6.2        | 2.52 V             | 326                  | 38.1             | 9.7                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE40) | Channel                       | CH 159 : 5795 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5639.20        | 54.2 PK                 | 68.2           | -14.0       | 2.28 H             | 195                  | 50.1             | 4.1                      |
| 2                                                    | *5795.00        | 116.8 PK                |                |             | 2.28 H             | 195                  | 74.2             | 42.6                     |
| 3                                                    | *5795.00        | 107.2 AV                |                |             | 2.28 H             | 195                  | 64.6             | 42.6                     |
| 4                                                    | #5933.60        | 57.2 PK                 | 68.2           | -11.0       | 2.28 H             | 195                  | 52.5             | 4.7                      |
| 5                                                    | 11590.00        | 57.7 PK                 | 74.0           | -16.3       | 2.27 H             | 241                  | 47.7             | 10.0                     |
| 6                                                    | 11590.00        | 48.6 AV                 | 54.0           | -5.4        | 2.27 H             | 241                  | 38.6             | 10.0                     |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5647.20        | 54.9 PK                 | 68.2           | -13.3       | 2.73 V             | 219                  | 50.8             | 4.1                      |
| 2                                                    | *5795.00        | 113.1 PK                |                |             | 2.73 V             | 219                  | 70.5             | 42.6                     |
| 3                                                    | *5795.00        | 103.5 AV                |                |             | 2.73 V             | 219                  | 60.9             | 42.6                     |
| 4                                                    | #5940.40        | 55.1 PK                 | 68.2           | -13.1       | 2.73 V             | 219                  | 50.4             | 4.7                      |
| 5                                                    | 11590.00        | 57.3 PK                 | 74.0           | -16.7       | 2.52 V             | 315                  | 47.3             | 10.0                     |
| 6                                                    | 11590.00        | 48.3 AV                 | 54.0           | -5.7        | 2.52 V             | 315                  | 38.3             | 10.0                     |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                 |                               |                                                                      |
|-----------------|-----------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 802.11ax (HE80) | Channel                       | CH 155 : 5775 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5630.00        | 62.4 PK                 | 68.2           | -5.8        | 2.35 H             | 197                  | 58.6             | 3.8                      |
| 2                                                    | *5775.00        | 113.4 PK                |                |             | 2.35 H             | 197                  | 70.9             | 42.5                     |
| 3                                                    | *5775.00        | 103.7 AV                |                |             | 2.35 H             | 197                  | 61.2             | 42.5                     |
| 4                                                    | #5933.60        | 61.7 PK                 | 68.2           | -6.5        | 2.35 H             | 197                  | 57.0             | 4.7                      |
| 5                                                    | 11550.00        | 57.3 PK                 | 74.0           | -16.7       | 2.31 H             | 248                  | 47.5             | 9.8                      |
| 6                                                    | 11550.00        | 48.3 AV                 | 54.0           | -5.7        | 2.31 H             | 248                  | 38.5             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5630.00        | 61.5 PK                 | 68.2           | -6.7        | 2.75 V             | 205                  | 57.7             | 3.8                      |
| 2                                                    | *5775.00        | 109.7 PK                |                |             | 2.75 V             | 205                  | 67.2             | 42.5                     |
| 3                                                    | *5775.00        | 99.9 AV                 |                |             | 2.75 V             | 205                  | 57.4             | 42.5                     |
| 4                                                    | #5939.20        | 58.1 PK                 | 68.2           | -10.1       | 2.75 V             | 205                  | 53.4             | 4.7                      |
| 5                                                    | 11550.00        | 57.0 PK                 | 74.0           | -17.0       | 2.54 V             | 319                  | 47.2             | 9.8                      |
| 6                                                    | 11550.00        | 47.9 AV                 | 54.0           | -6.1        | 2.54 V             | 319                  | 38.1             | 9.8                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



## Partial RU

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU26) | Channel                       | CH 36 : 5180 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 53.3 PK                 | 74.0           | -20.7       | 2.68 H             | 194                  | 50.7             | 2.6                      |
| 2                                                    | 5150.00         | 42.1 AV                 | 54.0           | -11.9       | 2.68 H             | 194                  | 39.5             | 2.6                      |
| 3                                                    | *5180.00        | 115.9 PK                |                |             | 2.68 H             | 194                  | 75.1             | 40.8                     |
| 4                                                    | *5180.00        | 107.3 AV                |                |             | 2.68 H             | 194                  | 66.5             | 40.8                     |
| 5                                                    | #10360.00       | 59.0 PK                 | 68.2           | -9.2        | 2.05 H             | 201                  | 49.5             | 9.5                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 53.0 PK                 | 74.0           | -21.0       | 1.62 V             | 182                  | 50.4             | 2.6                      |
| 2                                                    | 5150.00         | 41.9 AV                 | 54.0           | -12.1       | 1.62 V             | 182                  | 39.3             | 2.6                      |
| 3                                                    | *5180.00        | 112.0 PK                |                |             | 1.62 V             | 182                  | 71.2             | 40.8                     |
| 4                                                    | *5180.00        | 103.3 AV                |                |             | 1.62 V             | 182                  | 62.5             | 40.8                     |
| 5                                                    | #10360.00       | 56.9 PK                 | 68.2           | -11.3       | 1.05 V             | 291                  | 47.4             | 9.5                      |

### Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU26) | Channel                       | CH 64 : 5320 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 114.6 PK                |                |             | 2.57 H             | 190                  | 73.9             | 40.7                     |
| 2                                                    | *5320.00        | 105.9 AV                |                |             | 2.57 H             | 190                  | 65.2             | 40.7                     |
| 3                                                    | 5350.00         | 53.1 PK                 | 74.0           | -20.9       | 2.57 H             | 190                  | 50.3             | 2.8                      |
| 4                                                    | 5350.00         | 42.9 AV                 | 54.0           | -11.1       | 2.57 H             | 190                  | 40.1             | 2.8                      |
| 5                                                    | 10640.00        | 58.9 PK                 | 74.0           | -15.1       | 2.09 H             | 202                  | 49.6             | 9.3                      |
| 6                                                    | 10640.00        | 48.8 AV                 | 54.0           | -5.2        | 2.09 H             | 202                  | 39.5             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 110.8 PK                |                |             | 1.66 V             | 183                  | 70.1             | 40.7                     |
| 2                                                    | *5320.00        | 102.1 AV                |                |             | 1.66 V             | 183                  | 61.4             | 40.7                     |
| 3                                                    | 5350.00         | 52.6 PK                 | 74.0           | -21.4       | 1.66 V             | 183                  | 49.8             | 2.8                      |
| 4                                                    | 5350.00         | 42.5 AV                 | 54.0           | -11.5       | 1.66 V             | 183                  | 39.7             | 2.8                      |
| 5                                                    | 10640.00        | 56.9 PK                 | 74.0           | -17.1       | 1.08 V             | 293                  | 47.6             | 9.3                      |
| 6                                                    | 10640.00        | 46.8 AV                 | 54.0           | -7.2        | 1.08 V             | 293                  | 37.5             | 9.3                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU26) | Channel                       | CH 100 : 5500 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 53.4 PK                 | 74.0           | -20.6       | 2.58 H             | 185                  | 50.3             | 3.1                      |
| 2                                                    | 5460.00         | 43.2 AV                 | 54.0           | -10.8       | 2.58 H             | 185                  | 40.1             | 3.1                      |
| 3                                                    | #5470.00        | 53.9 PK                 | 68.2           | -14.3       | 2.58 H             | 185                  | 50.7             | 3.2                      |
| 4                                                    | *5500.00        | 116.2 PK                |                |             | 2.58 H             | 185                  | 74.9             | 41.3                     |
| 5                                                    | *5500.00        | 106.2 AV                |                |             | 2.58 H             | 185                  | 64.9             | 41.3                     |
| 6                                                    | 11000.00        | 59.2 PK                 | 74.0           | -14.8       | 2.07 H             | 198                  | 49.8             | 9.4                      |
| 7                                                    | 11000.00        | 49.7 AV                 | 54.0           | -4.3        | 2.07 H             | 198                  | 40.3             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 53.2 PK                 | 74.0           | -20.8       | 1.61 V             | 180                  | 50.1             | 3.1                      |
| 2                                                    | 5460.00         | 42.9 AV                 | 54.0           | -11.1       | 1.61 V             | 180                  | 39.8             | 3.1                      |
| 3                                                    | #5470.00        | 53.6 PK                 | 68.2           | -14.6       | 1.61 V             | 180                  | 50.4             | 3.2                      |
| 4                                                    | *5500.00        | 112.6 PK                |                |             | 1.61 V             | 180                  | 71.3             | 41.3                     |
| 5                                                    | *5500.00        | 102.8 AV                |                |             | 1.61 V             | 180                  | 61.5             | 41.3                     |
| 6                                                    | 11000.00        | 57.7 PK                 | 74.0           | -16.3       | 1.09 V             | 306                  | 48.3             | 9.4                      |
| 7                                                    | 11000.00        | 47.3 AV                 | 54.0           | -6.7        | 1.09 V             | 306                  | 37.9             | 9.4                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU26) | Channel                       | CH 140 : 5700 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 115.3 PK                |                |             | 2.49 H             | 192                  | 72.9             | 42.4                     |
| 2                                                    | *5700.00        | 106.2 AV                |                |             | 2.49 H             | 192                  | 63.8             | 42.4                     |
| 3                                                    | #5725.00        | 55.0 PK                 | 68.2           | -13.2       | 2.49 H             | 192                  | 50.4             | 4.6                      |
| 4                                                    | 11400.00        | 59.1 PK                 | 74.0           | -14.9       | 2.14 H             | 194                  | 49.3             | 9.8                      |
| 5                                                    | 11400.00        | 49.2 AV                 | 54.0           | -4.8        | 2.14 H             | 194                  | 39.4             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 112.0 PK                |                |             | 1.67 V             | 189                  | 69.6             | 42.4                     |
| 2                                                    | *5700.00        | 102.8 AV                |                |             | 1.67 V             | 189                  | 60.4             | 42.4                     |
| 3                                                    | #5725.00        | 54.4 PK                 | 68.2           | -13.8       | 1.67 V             | 189                  | 49.8             | 4.6                      |
| 4                                                    | 11400.00        | 57.4 PK                 | 74.0           | -16.6       | 1.08 V             | 299                  | 47.6             | 9.8                      |
| 5                                                    | 11400.00        | 47.3 AV                 | 54.0           | -6.7        | 1.08 V             | 299                  | 37.5             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU26) | Channel                       | CH 144 : 5720 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 53.0 PK                 | 68.2           | -15.2       | 2.33 H             | 194                  | 49.8             | 3.2                      |
| 2                                                    | *5720.00        | 116.3 PK                |                |             | 2.33 H             | 194                  | 73.9             | 42.4                     |
| 3                                                    | *5720.00        | 106.9 AV                |                |             | 2.33 H             | 194                  | 64.5             | 42.4                     |
| 4                                                    | #5850.00        | 55.6 PK                 | 68.2           | -12.6       | 2.33 H             | 194                  | 50.6             | 5.0                      |
| 5                                                    | 11440.00        | 59.6 PK                 | 74.0           | -14.4       | 2.08 H             | 196                  | 49.8             | 9.8                      |
| 6                                                    | 11440.00        | 49.5 AV                 | 54.0           | -4.5        | 2.08 H             | 196                  | 39.7             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 52.8 PK                 | 68.2           | -15.4       | 1.66 V             | 181                  | 49.6             | 3.2                      |
| 2                                                    | *5720.00        | 112.8 PK                |                |             | 1.66 V             | 181                  | 70.4             | 42.4                     |
| 3                                                    | *5720.00        | 103.5 AV                |                |             | 1.66 V             | 181                  | 61.1             | 42.4                     |
| 4                                                    | #5850.00        | 55.2 PK                 | 68.2           | -13.0       | 1.66 V             | 181                  | 50.2             | 5.0                      |
| 5                                                    | 11440.00        | 58.0 PK                 | 74.0           | -16.0       | 1.16 V             | 286                  | 48.2             | 9.8                      |
| 6                                                    | 11440.00        | 47.6 AV                 | 54.0           | -6.4        | 1.16 V             | 286                  | 37.8             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU26) | Channel                       | CH 149 : 5745 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5745.00        | 118.0 PK                |                |             | 2.32 H             | 166                  | 75.6             | 42.4                     |
| 2                                                    | *5745.00        | 109.6 AV                |                |             | 2.32 H             | 166                  | 67.2             | 42.4                     |
| 3                                                    | 11490.00        | 63.4 PK                 | 74.0           | -10.6       | 2.11 H             | 226                  | 53.8             | 9.6                      |
| 4                                                    | 11490.00        | 53.5 AV                 | 54.0           | -0.5        | 2.11 H             | 226                  | 43.9             | 9.6                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5745.00        | 114.7 PK                |                |             | 1.73 V             | 191                  | 72.3             | 42.4                     |
| 2                                                    | *5745.00        | 106.2 AV                |                |             | 1.73 V             | 191                  | 63.8             | 42.4                     |
| 3                                                    | 11490.00        | 61.4 PK                 | 74.0           | -12.6       | 2.33 V             | 246                  | 51.8             | 9.6                      |
| 4                                                    | 11490.00        | 52.7 AV                 | 54.0           | -1.3        | 2.33 V             | 246                  | 43.1             | 9.6                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU26) | Channel                       | CH 165 : 5825 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5825.00        | 118.0 PK                |                |             | 2.38 H             | 172                  | 75.3             | 42.7                     |
| 2                                                    | *5825.00        | 109.4 AV                |                |             | 2.38 H             | 172                  | 66.7             | 42.7                     |
| 3                                                    | 11650.00        | 63.9 PK                 | 74.0           | -10.1       | 2.10 H             | 226                  | 53.9             | 10.0                     |
| 4                                                    | 11650.00        | 53.5 AV                 | 54.0           | -0.5        | 2.10 H             | 226                  | 43.5             | 10.0                     |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5825.00        | 114.6 PK                |                |             | 1.68 V             | 190                  | 71.9             | 42.7                     |
| 2                                                    | *5825.00        | 106.1 AV                |                |             | 1.68 V             | 190                  | 63.4             | 42.7                     |
| 3                                                    | 11650.00        | 61.7 PK                 | 74.0           | -12.3       | 2.36 V             | 249                  | 51.7             | 10.0                     |
| 4                                                    | 11650.00        | 52.6 AV                 | 54.0           | -1.4        | 2.36 V             | 249                  | 42.6             | 10.0                     |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU52) | Channel                       | CH 36 : 5180 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 53.8 PK                 | 74.0           | -20.2       | 2.67 H             | 194                  | 51.2             | 2.6                      |
| 2                                                    | 5150.00         | 42.9 AV                 | 54.0           | -11.1       | 2.67 H             | 194                  | 40.3             | 2.6                      |
| 3                                                    | *5180.00        | 117.5 PK                |                |             | 1.67 H             | 194                  | 76.7             | 40.8                     |
| 4                                                    | *5180.00        | 107.6 AV                |                |             | 1.67 H             | 194                  | 66.8             | 40.8                     |
| 5                                                    | #10360.00       | 59.1 PK                 | 68.2           | -9.1        | 2.03 H             | 197                  | 49.6             | 9.5                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 53.4 PK                 | 74.0           | -20.6       | 1.63 V             | 184                  | 50.8             | 2.6                      |
| 2                                                    | 5150.00         | 42.5 AV                 | 54.0           | -11.5       | 1.63 V             | 184                  | 39.9             | 2.6                      |
| 3                                                    | *5180.00        | 113.3 PK                |                |             | 1.63 V             | 184                  | 72.5             | 40.8                     |
| 4                                                    | *5180.00        | 103.5 AV                |                |             | 1.63 V             | 184                  | 62.7             | 40.8                     |
| 5                                                    | #10360.00       | 57.0 PK                 | 68.2           | -11.2       | 1.06 V             | 293                  | 47.5             | 9.5                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU52) | Channel                       | CH 64 : 5320 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 115.0 PK                |                |             | 2.61 H             | 191                  | 74.3             | 40.7                     |
| 2                                                    | *5320.00        | 106.4 AV                |                |             | 2.61 H             | 191                  | 65.7             | 40.7                     |
| 3                                                    | 5350.00         | 53.7 PK                 | 74.0           | -20.3       | 2.61 H             | 191                  | 50.9             | 2.8                      |
| 4                                                    | 5350.00         | 43.4 AV                 | 54.0           | -10.6       | 2.61 H             | 191                  | 40.6             | 2.8                      |
| 5                                                    | 10640.00        | 59.0 PK                 | 74.0           | -15.0       | 2.08 H             | 196                  | 49.7             | 9.3                      |
| 6                                                    | 10640.00        | 48.8 AV                 | 54.0           | -5.2        | 2.08 H             | 196                  | 39.5             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 111.2 PK                |                |             | 1.65 V             | 184                  | 70.5             | 40.7                     |
| 2                                                    | *5320.00        | 102.5 AV                |                |             | 1.65 V             | 184                  | 61.8             | 40.7                     |
| 3                                                    | 5350.00         | 53.2 PK                 | 74.0           | -20.8       | 1.65 V             | 184                  | 50.4             | 2.8                      |
| 4                                                    | 5350.00         | 42.9 AV                 | 54.0           | -11.1       | 1.65 V             | 184                  | 40.1             | 2.8                      |
| 5                                                    | 10640.00        | 56.9 PK                 | 74.0           | -17.1       | 1.06 V             | 287                  | 47.6             | 9.3                      |
| 6                                                    | 10640.00        | 46.8 AV                 | 54.0           | -7.2        | 1.06 V             | 287                  | 37.5             | 9.3                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU52) | Channel                       | CH 100 : 5500 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 54.4 PK                 | 74.0           | -19.6       | 2.55 H             | 194                  | 51.3             | 3.1                      |
| 2                                                    | 5460.00         | 44.0 AV                 | 54.0           | -10.0       | 2.55 H             | 194                  | 40.9             | 3.1                      |
| 3                                                    | #5470.00        | 54.9 PK                 | 68.2           | -13.3       | 2.55 H             | 194                  | 51.7             | 3.2                      |
| 4                                                    | *5500.00        | 116.1 PK                |                |             | 2.55 H             | 194                  | 74.8             | 41.3                     |
| 5                                                    | *5500.00        | 106.7 AV                |                |             | 2.55 H             | 194                  | 65.4             | 41.3                     |
| 6                                                    | 11000.00        | 59.3 PK                 | 74.0           | -14.7       | 2.13 H             | 204                  | 49.9             | 9.4                      |
| 7                                                    | 11000.00        | 49.7 AV                 | 54.0           | -4.3        | 2.13 H             | 204                  | 40.3             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 53.9 PK                 | 74.0           | -20.1       | 1.64 V             | 186                  | 50.8             | 3.1                      |
| 2                                                    | 5460.00         | 43.6 AV                 | 54.0           | -10.4       | 1.64 V             | 186                  | 40.5             | 3.1                      |
| 3                                                    | #5470.00        | 54.4 PK                 | 68.2           | -13.8       | 1.64 V             | 186                  | 51.2             | 3.2                      |
| 4                                                    | *5500.00        | 112.6 PK                |                |             | 1.64 V             | 186                  | 71.3             | 41.3                     |
| 5                                                    | *5500.00        | 103.2 AV                |                |             | 1.64 V             | 186                  | 61.9             | 41.3                     |
| 6                                                    | 11000.00        | 57.7 PK                 | 74.0           | -16.3       | 1.09 V             | 287                  | 48.3             | 9.4                      |
| 7                                                    | 11000.00        | 47.2 AV                 | 54.0           | -6.8        | 1.09 V             | 287                  | 37.8             | 9.4                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU52) | Channel                       | CH 140 : 5700 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 116.2 PK                |                |             | 2.50 H             | 172                  | 73.8             | 42.4                     |
| 2                                                    | *5700.00        | 106.3 AV                |                |             | 2.50 H             | 172                  | 63.9             | 42.4                     |
| 3                                                    | #5725.00        | 55.5 PK                 | 68.2           | -12.7       | 2.50 H             | 172                  | 50.9             | 4.6                      |
| 4                                                    | 11400.00        | 59.2 PK                 | 74.0           | -14.8       | 2.08 H             | 211                  | 49.4             | 9.8                      |
| 5                                                    | 11400.00        | 49.2 AV                 | 54.0           | -4.8        | 2.08 H             | 211                  | 39.4             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 112.6 PK                |                |             | 1.66 V             | 182                  | 70.2             | 42.4                     |
| 2                                                    | *5700.00        | 102.9 AV                |                |             | 1.66 V             | 182                  | 60.5             | 42.4                     |
| 3                                                    | #5725.00        | 55.3 PK                 | 68.2           | -12.9       | 1.66 V             | 182                  | 50.7             | 4.6                      |
| 4                                                    | 11400.00        | 57.5 PK                 | 74.0           | -16.5       | 1.18 V             | 297                  | 47.7             | 9.8                      |
| 5                                                    | 11400.00        | 47.4 AV                 | 54.0           | -6.6        | 1.18 V             | 297                  | 37.6             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU52) | Channel                       | CH 144 : 5720 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 53.3 PK                 | 68.2           | -14.9       | 2.32 H             | 194                  | 50.1             | 3.2                      |
| 2                                                    | *5720.00        | 116.3 PK                |                |             | 2.32 H             | 194                  | 73.9             | 42.4                     |
| 3                                                    | *5720.00        | 106.8 AV                |                |             | 2.32 H             | 194                  | 64.4             | 42.4                     |
| 4                                                    | #5850.00        | 55.8 PK                 | 68.2           | -12.4       | 2.32 H             | 194                  | 50.8             | 5.0                      |
| 5                                                    | 11440.00        | 59.5 PK                 | 74.0           | -14.5       | 2.12 H             | 202                  | 49.7             | 9.8                      |
| 6                                                    | 11440.00        | 49.4 AV                 | 54.0           | -4.6        | 2.12 H             | 202                  | 39.6             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 53.3 PK                 | 68.2           | -14.9       | 1.67 V             | 177                  | 50.1             | 3.2                      |
| 2                                                    | *5720.00        | 112.7 PK                |                |             | 1.67 V             | 177                  | 70.3             | 42.4                     |
| 3                                                    | *5720.00        | 103.3 AV                |                |             | 1.67 V             | 177                  | 60.9             | 42.4                     |
| 4                                                    | #5850.00        | 55.5 PK                 | 68.2           | -12.7       | 1.67 V             | 177                  | 50.5             | 5.0                      |
| 5                                                    | 11440.00        | 58.0 PK                 | 74.0           | -16.0       | 1.17 V             | 294                  | 48.2             | 9.8                      |
| 6                                                    | 11440.00        | 47.5 AV                 | 54.0           | -6.5        | 1.17 V             | 294                  | 37.7             | 9.8                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU52) | Channel                       | CH 149 : 5745 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5745.00        | 118.7 PK                |                |             | 2.28 H             | 169                  | 76.3             | 42.4                     |
| 2                                                    | *5745.00        | 109.6 AV                |                |             | 2.28 H             | 169                  | 67.2             | 42.4                     |
| 3                                                    | 11490.00        | 62.8 PK                 | 74.0           | -11.2       | 2.14 H             | 221                  | 53.2             | 9.6                      |
| 4                                                    | 11490.00        | 53.6 AV                 | 54.0           | -0.4        | 2.14 H             | 221                  | 44.0             | 9.6                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5745.00        | 115.2 PK                |                |             | 1.53 V             | 193                  | 72.8             | 42.4                     |
| 2                                                    | *5745.00        | 106.2 AV                |                |             | 1.53 V             | 193                  | 63.8             | 42.4                     |
| 3                                                    | 11490.00        | 60.9 PK                 | 74.0           | -13.1       | 2.29 V             | 247                  | 51.3             | 9.6                      |
| 4                                                    | 11490.00        | 52.7 AV                 | 54.0           | -1.3        | 2.29 V             | 247                  | 43.1             | 9.6                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                                 |                               |                                                                      |
|-----------------|---------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU52) | Channel                       | CH 165 : 5825 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                  | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                  | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                        |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5825.00        | 117.3 PK                |                |             | 2.29 H             | 168                  | 74.6             | 42.7                     |
| 2                                                    | *5825.00        | 108.1 AV                |                |             | 2.29 H             | 168                  | 65.4             | 42.7                     |
| 3                                                    | 11650.00        | 63.7 PK                 | 74.0           | -10.3       | 2.13 H             | 227                  | 53.7             | 10.0                     |
| 4                                                    | 11650.00        | 53.7 AV                 | 54.0           | -0.3        | 2.13 H             | 227                  | 43.7             | 10.0                     |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5825.00        | 113.9 PK                |                |             | 1.72 V             | 192                  | 71.2             | 42.7                     |
| 2                                                    | *5825.00        | 104.7 AV                |                |             | 1.72 V             | 192                  | 62.0             | 42.7                     |
| 3                                                    | 11650.00        | 61.7 PK                 | 74.0           | -12.3       | 2.29 V             | 246                  | 51.7             | 10.0                     |
| 4                                                    | 11650.00        | 52.8 AV                 | 54.0           | -1.2        | 2.29 V             | 246                  | 42.8             | 10.0                     |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                                  |                               |                                                                      |
|-----------------|----------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU106) | Channel                       | CH 36 : 5180 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz                   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 54.1 PK                 | 74.0           | -19.9       | 2.71 H             | 195                  | 51.5             | 2.6                      |
| 2                                                    | 5150.00         | 43.8 AV                 | 54.0           | -10.2       | 2.71 H             | 195                  | 41.2             | 2.6                      |
| 3                                                    | *5180.00        | 116.0 PK                |                |             | 2.71 H             | 195                  | 75.2             | 40.8                     |
| 4                                                    | *5180.00        | 106.2 AV                |                |             | 2.71 H             | 195                  | 65.4             | 40.8                     |
| 5                                                    | #10360.00       | 58.9 PK                 | 68.2           | -9.3        | 2.07 H             | 203                  | 49.4             | 9.5                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5150.00         | 53.7 PK                 | 74.0           | -20.3       | 1.65 V             | 186                  | 51.1             | 2.6                      |
| 2                                                    | 5150.00         | 43.5 AV                 | 54.0           | -10.5       | 1.65 V             | 186                  | 40.9             | 2.6                      |
| 3                                                    | *5180.00        | 112.0 PK                |                |             | 1.65 V             | 186                  | 71.2             | 40.8                     |
| 4                                                    | *5180.00        | 102.3 AV                |                |             | 1.65 V             | 186                  | 61.5             | 40.8                     |
| 5                                                    | #10360.00       | 56.8 PK                 | 68.2           | -11.4       | N/A V              | N/A                  | 47.3             | 9.5                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                  |                               |                                                                      |
|-----------------|----------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU106) | Channel                       | CH 64 : 5320 MHz                                                     |
| Frequency Range | 1 GHz ~ 40 GHz                   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 115.6 PK                |                |             | 2.57 H             | 191                  | 74.9             | 40.7                     |
| 2                                                    | *5320.00        | 106.3 AV                |                |             | 2.57 H             | 191                  | 65.6             | 40.7                     |
| 3                                                    | 5350.00         | 54.4 PK                 | 74.0           | -19.6       | 2.57 H             | 191                  | 51.6             | 2.8                      |
| 4                                                    | 5350.00         | 45.5 AV                 | 54.0           | -8.5        | 2.57 H             | 191                  | 42.7             | 2.8                      |
| 5                                                    | 10640.00        | 58.8 PK                 | 74.0           | -15.2       | 2.11 H             | 203                  | 49.5             | 9.3                      |
| 6                                                    | 10640.00        | 48.7 AV                 | 54.0           | -5.3        | 2.11 H             | 203                  | 39.4             | 9.3                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5320.00        | 111.5 PK                |                |             | 1.60 V             | 187                  | 70.8             | 40.7                     |
| 2                                                    | *5320.00        | 102.3 AV                |                |             | 1.60 V             | 187                  | 61.6             | 40.7                     |
| 3                                                    | 5350.00         | 53.6 PK                 | 74.0           | -20.4       | 1.60 V             | 187                  | 50.8             | 2.8                      |
| 4                                                    | 5350.00         | 45.0 AV                 | 54.0           | -9.0        | 1.60 V             | 187                  | 42.2             | 2.8                      |
| 5                                                    | 10640.00        | 56.6 PK                 | 74.0           | -17.4       | 1.06 V             | 294                  | 47.3             | 9.3                      |
| 6                                                    | 10640.00        | 46.5 AV                 | 54.0           | -7.5        | 1.06 V             | 294                  | 37.2             | 9.3                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.



|                 |                                  |                               |                                                                      |
|-----------------|----------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU106) | Channel                       | CH 100 : 5500 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 54.7 PK                 | 74.0           | -19.3       | 2.51 H             | 193                  | 51.6             | 3.1                      |
| 2                                                    | 5460.00         | 44.2 AV                 | 54.0           | -9.8        | 2.51 H             | 193                  | 41.1             | 3.1                      |
| 3                                                    | #5470.00        | 55.5 PK                 | 68.2           | -12.7       | 2.51 H             | 193                  | 52.3             | 3.2                      |
| 4                                                    | *5500.00        | 115.5 PK                |                |             | 2.51 H             | 193                  | 74.2             | 41.3                     |
| 5                                                    | *5500.00        | 106.1 AV                |                |             | 2.51 H             | 193                  | 64.8             | 41.3                     |
| 6                                                    | 11000.00        | 59.1 PK                 | 74.0           | -14.9       | 2.08 H             | 197                  | 49.7             | 9.4                      |
| 7                                                    | 11000.00        | 49.6 AV                 | 54.0           | -4.4        | 2.08 H             | 197                  | 40.2             | 9.4                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 5460.00         | 54.4 PK                 | 74.0           | -19.6       | 1.65 V             | 190                  | 51.3             | 3.1                      |
| 2                                                    | 5460.00         | 43.9 AV                 | 54.0           | -10.1       | 1.65 V             | 190                  | 40.8             | 3.1                      |
| 3                                                    | #5470.00        | 55.0 PK                 | 68.2           | -13.2       | 1.65 V             | 190                  | 51.8             | 3.2                      |
| 4                                                    | *5500.00        | 112.4 PK                |                |             | 1.65 V             | 190                  | 71.1             | 41.3                     |
| 5                                                    | *5500.00        | 102.9 AV                |                |             | 1.65 V             | 190                  | 61.6             | 41.3                     |
| 6                                                    | 11000.00        | 57.9 PK                 | 74.0           | -16.1       | 1.13 V             | 293                  | 48.5             | 9.4                      |
| 7                                                    | 11000.00        | 47.3 AV                 | 54.0           | -6.7        | 1.13 V             | 293                  | 37.9             | 9.4                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                  |                               |                                                                      |
|-----------------|----------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU106) | Channel                       | CH 140 : 5700 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 114.7 PK                |                |             | 2.23 H             | 170                  | 72.3             | 42.4                     |
| 2                                                    | *5700.00        | 105.5 AV                |                |             | 2.23 H             | 170                  | 63.1             | 42.4                     |
| 3                                                    | #5725.00        | 55.9 PK                 | 68.2           | -12.3       | 2.23 H             | 170                  | 51.3             | 4.6                      |
| 4                                                    | 11400.00        | 59.3 PK                 | 74.0           | -14.7       | 2.02 H             | 195                  | 49.5             | 9.8                      |
| 5                                                    | 11400.00        | 49.2 AV                 | 54.0           | -4.8        | 2.02 H             | 195                  | 39.4             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5700.00        | 111.3 PK                |                |             | 1.64 V             | 187                  | 68.9             | 42.4                     |
| 2                                                    | *5700.00        | 102.2 AV                |                |             | 1.64 V             | 187                  | 59.8             | 42.4                     |
| 3                                                    | #5725.00        | 55.4 PK                 | 68.2           | -12.8       | 1.64 V             | 187                  | 50.8             | 4.6                      |
| 4                                                    | 11400.00        | 57.4 PK                 | 74.0           | -16.6       | 1.13 V             | 287                  | 47.6             | 9.8                      |
| 5                                                    | 11400.00        | 47.3 AV                 | 54.0           | -6.7        | 1.13 V             | 287                  | 37.5             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                  |                               |                                                                      |
|-----------------|----------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU106) | Channel                       | CH 144 : 5720 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 53.6 PK                 | 68.2           | -14.6       | 2.32 H             | 195                  | 50.4             | 3.2                      |
| 2                                                    | *5720.00        | 116.2 PK                |                |             | 2.32 H             | 195                  | 73.8             | 42.4                     |
| 3                                                    | *5720.00        | 106.7 AV                |                |             | 2.32 H             | 195                  | 64.3             | 42.4                     |
| 4                                                    | #5850.00        | 55.9 PK                 | 68.2           | -12.3       | 2.32 H             | 195                  | 50.9             | 5.0                      |
| 5                                                    | 11440.00        | 59.4 PK                 | 74.0           | -14.6       | 2.13 H             | 195                  | 49.6             | 9.8                      |
| 6                                                    | 11440.00        | 49.3 AV                 | 54.0           | -4.7        | 2.13 H             | 195                  | 39.5             | 9.8                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | #5470.00        | 53.4 PK                 | 68.2           | -14.8       | 1.67 V             | 177                  | 50.2             | 3.2                      |
| 2                                                    | *5720.00        | 112.6 PK                |                |             | 1.67 V             | 177                  | 70.2             | 42.4                     |
| 3                                                    | *5720.00        | 103.2 AV                |                |             | 1.67 V             | 177                  | 60.8             | 42.4                     |
| 4                                                    | #5850.00        | 55.4 PK                 | 68.2           | -12.8       | 1.67 V             | 177                  | 50.4             | 5.0                      |
| 5                                                    | 11440.00        | 58.1 PK                 | 74.0           | -15.9       | 1.23 V             | 292                  | 48.3             | 9.8                      |
| 6                                                    | 11440.00        | 47.5 AV                 | 54.0           | -6.5        | 1.23 V             | 292                  | 37.7             | 9.8                      |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                                  |                               |                                                                      |
|-----------------|----------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU106) | Channel                       | CH 149 : 5745 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5745.00        | 115.5 PK                |                |             | 2.29 H             | 169                  | 73.1             | 42.4                     |
| 2                                                    | *5745.00        | 106.4 AV                |                |             | 2.29 H             | 169                  | 64.0             | 42.4                     |
| 3                                                    | 11490.00        | 60.8 PK                 | 74.0           | -13.2       | 2.09 H             | 223                  | 51.2             | 9.6                      |
| 4                                                    | 11490.00        | 51.8 AV                 | 54.0           | -2.2        | 2.09 H             | 223                  | 42.2             | 9.6                      |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5745.00        | 112.0 PK                |                |             | 1.70 V             | 189                  | 69.6             | 42.4                     |
| 2                                                    | *5745.00        | 102.8 AV                |                |             | 1.70 V             | 189                  | 60.4             | 42.4                     |
| 3                                                    | 11490.00        | 59.9 PK                 | 74.0           | -14.1       | 2.24 V             | 249                  | 50.3             | 9.6                      |
| 4                                                    | 11490.00        | 51.0 AV                 | 54.0           | -3.0        | 2.24 V             | 249                  | 41.4             | 9.6                      |

**Remarks:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

|                 |                                  |                               |                                                                      |
|-----------------|----------------------------------|-------------------------------|----------------------------------------------------------------------|
| RF Mode         | 20 MHz Preamble 802.11ax (RU106) | Channel                       | CH 165 : 5825 MHz                                                    |
| Frequency Range | 1 GHz ~ 40 GHz                   | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
| Input Power     | 120 Vac, 60 Hz                   | Environmental Conditions      | 21 °C, 67 % RH                                                       |
| Tested By       | Greg Lin                         |                               |                                                                      |

| Antenna Polarity & Test Distance : Horizontal at 3 m |                 |                         |                |             |                    |                      |                  |                          |
|------------------------------------------------------|-----------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5825.00        | 118.9 PK                |                |             | 2.32 H             | 168                  | 76.2             | 42.7                     |
| 2                                                    | *5825.00        | 110.1 AV                |                |             | 2.32 H             | 168                  | 67.4             | 42.7                     |
| 3                                                    | 11650.00        | 62.7 PK                 | 74.0           | -11.3       | 2.07 H             | 222                  | 52.7             | 10.0                     |
| 4                                                    | <b>11650.00</b> | <b>53.8 AV</b>          | <b>54.0</b>    | <b>-0.2</b> | <b>2.07 H</b>      | <b>222</b>           | <b>43.8</b>      | <b>10.0</b>              |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |                         |                |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | *5825.00        | 114.4 PK                |                |             | 1.71 V             | 187                  | 71.7             | 42.7                     |
| 2                                                    | *5825.00        | 105.5 AV                |                |             | 1.71 V             | 187                  | 62.8             | 42.7                     |
| 3                                                    | 11650.00        | 61.3 PK                 | 74.0           | -12.7       | 2.38 V             | 241                  | 51.3             | 10.0                     |
| 4                                                    | 11650.00        | 53.1 AV                 | 54.0           | -0.9        | 2.38 V             | 241                  | 43.1             | 10.0                     |

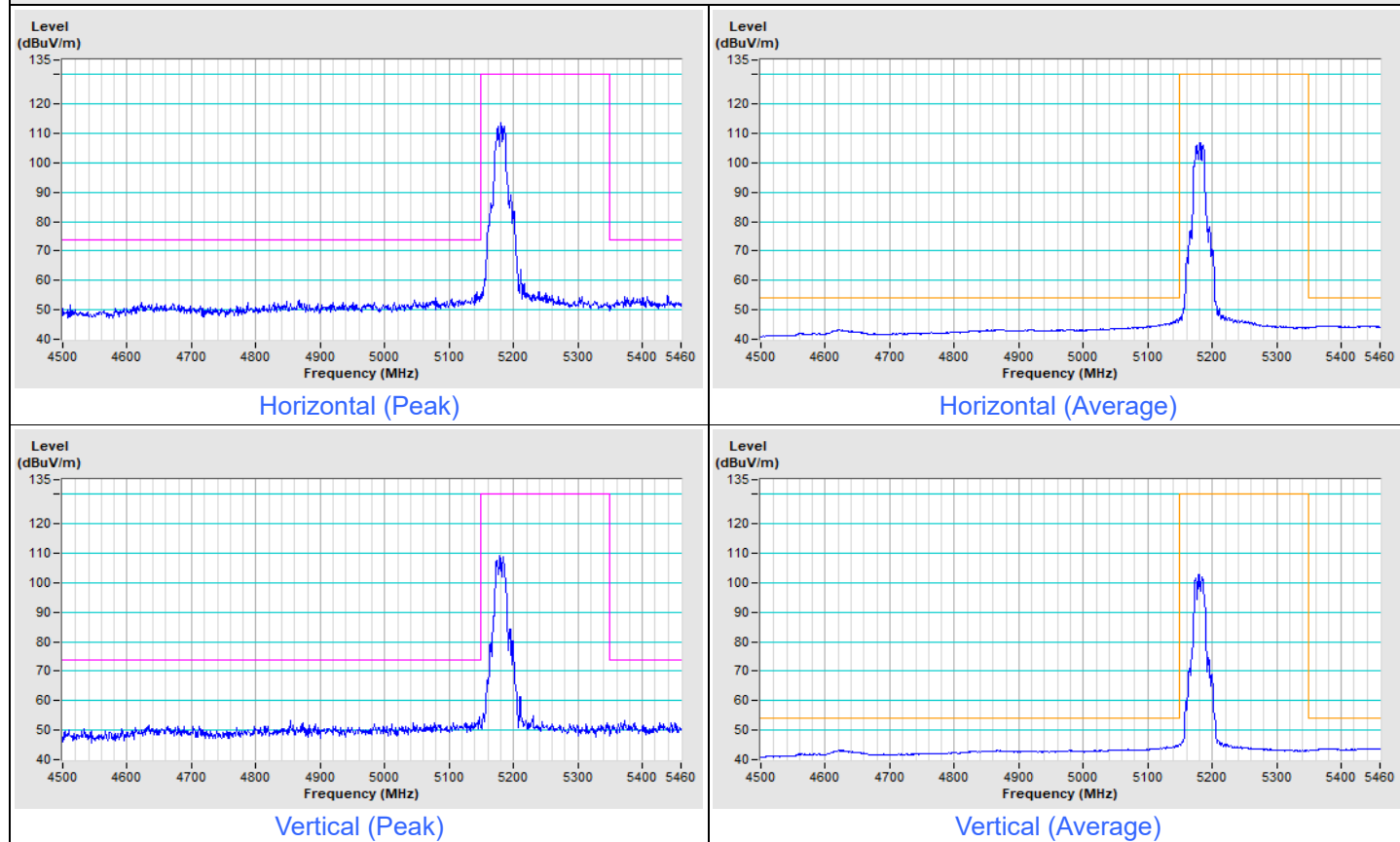
Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency, the limit was restricted at the RF Output Power.

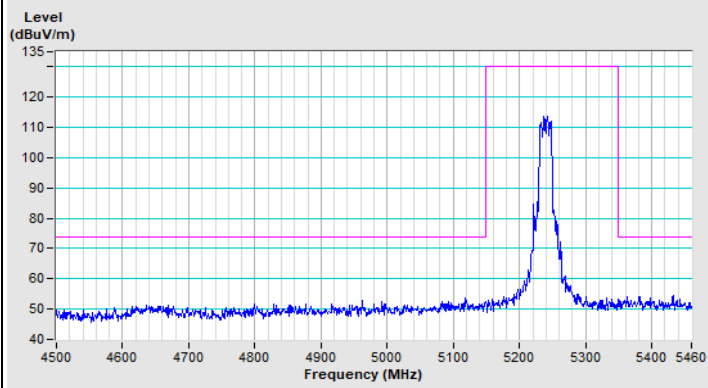
## Plot of Band Edge

|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

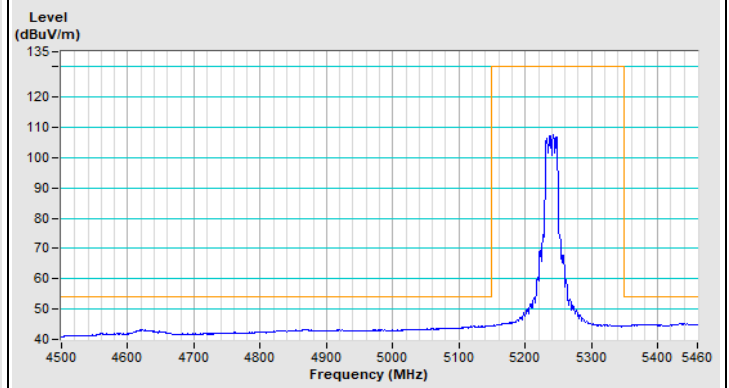
802.11a Channel 36



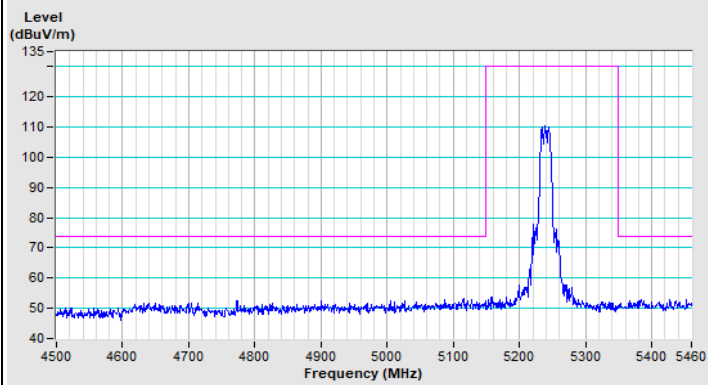
## 802.11a Channel 48



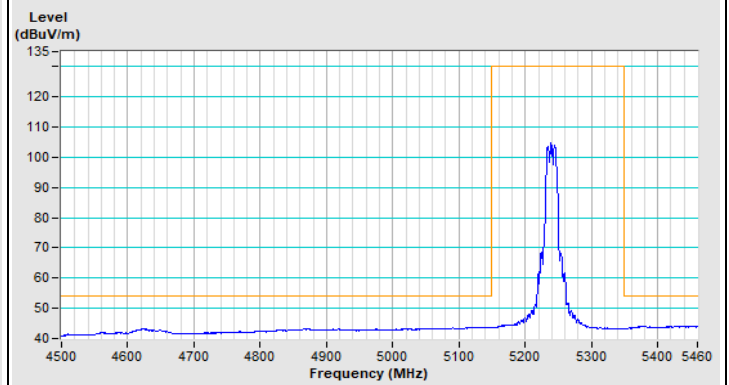
Horizontal (Peak)



Horizontal (Average)



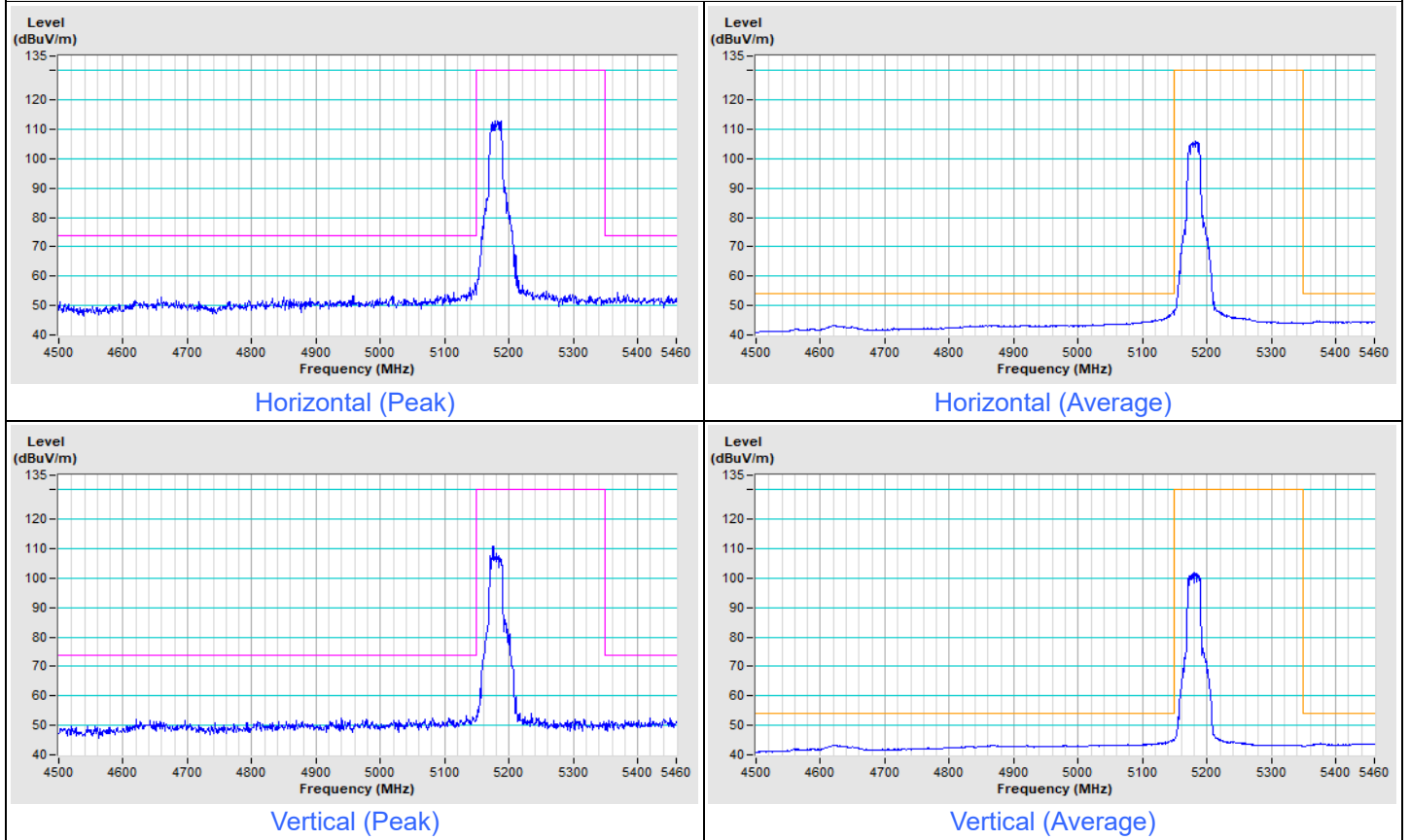
Vertical (Peak)



Vertical (Average)

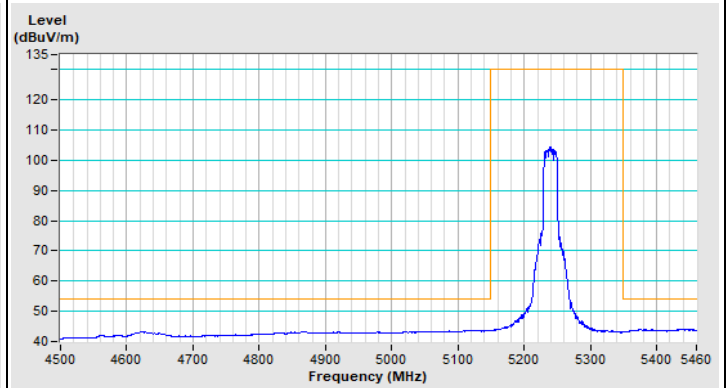
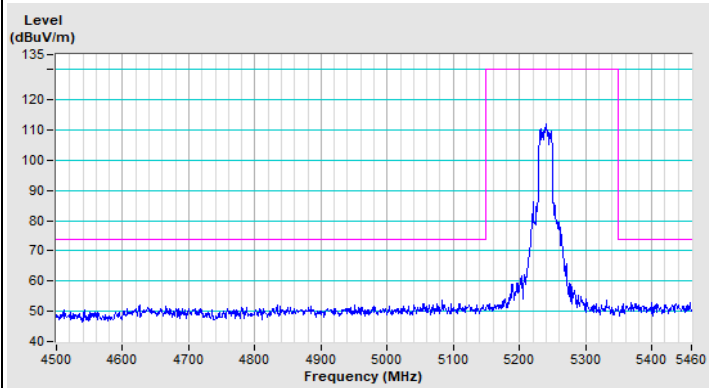
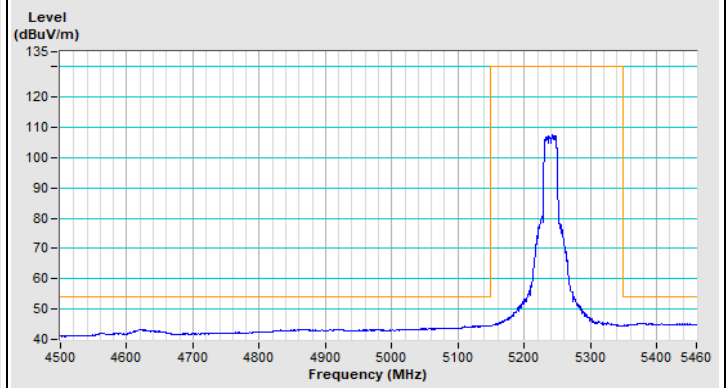
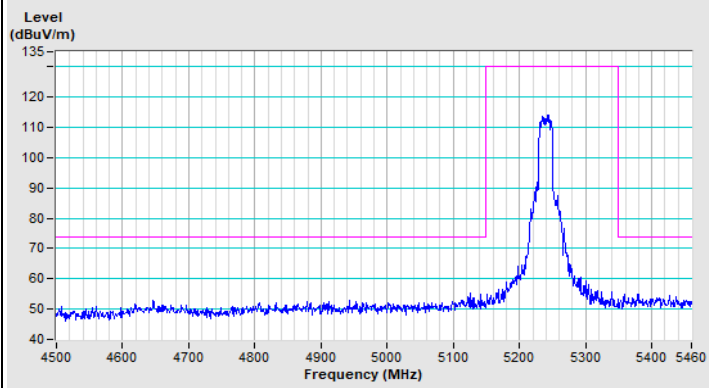
|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

### 802.11ax (HE20) Channel 36



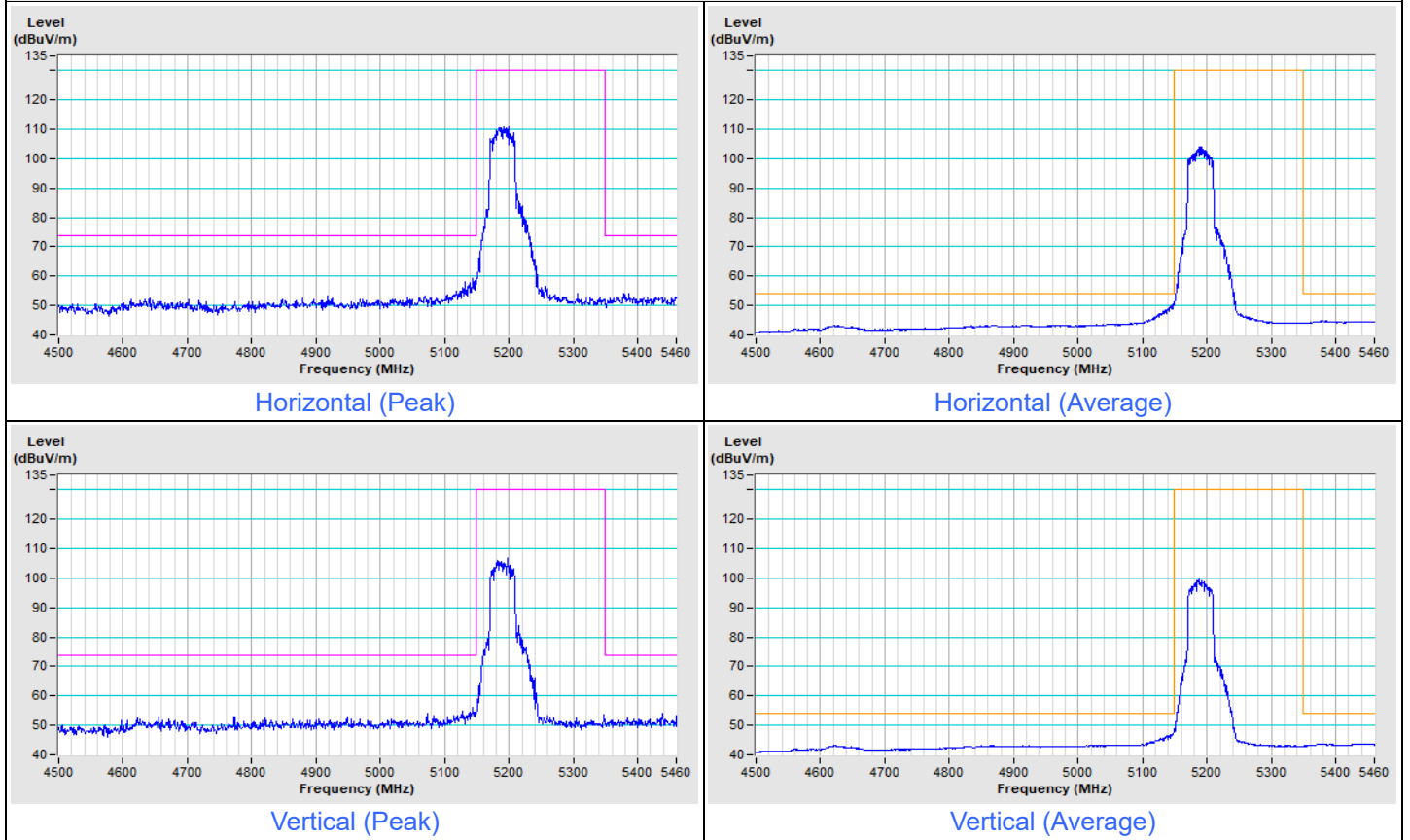


# 802.11ax (HE20) Channel 48

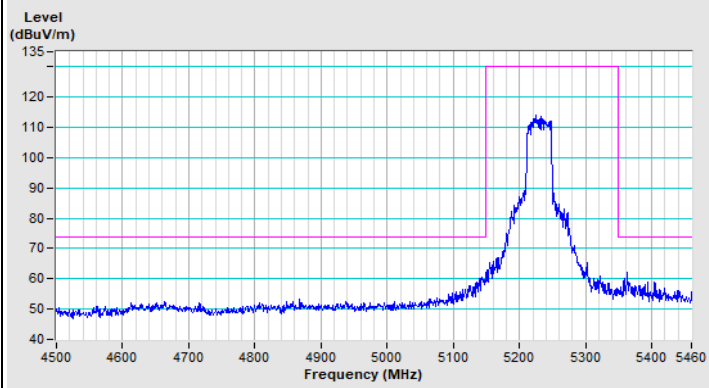


|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

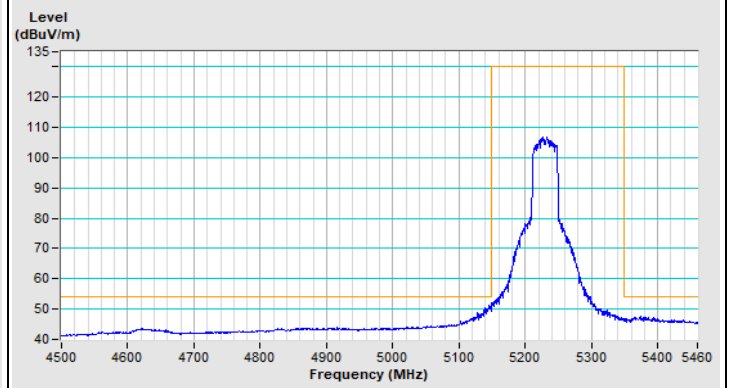
### 802.11ax (HE40) Channel 38



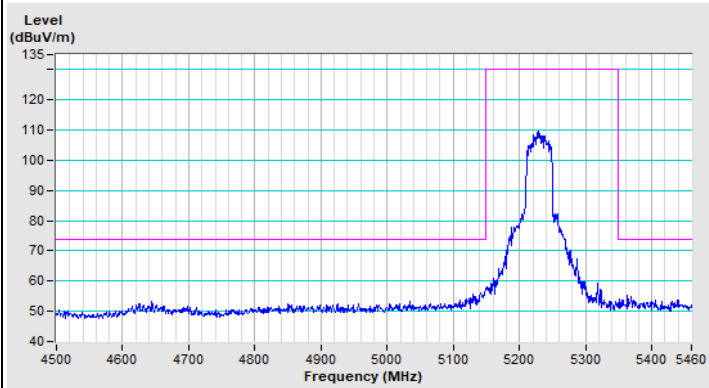
# 802.11ax (HE40) Channel 46



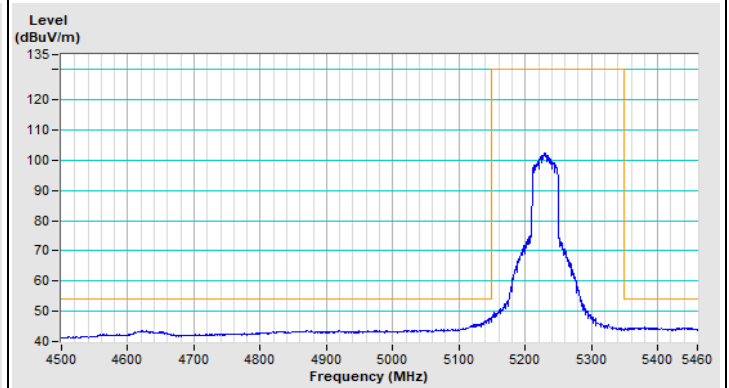
Horizontal (Peak)



Horizontal (Average)



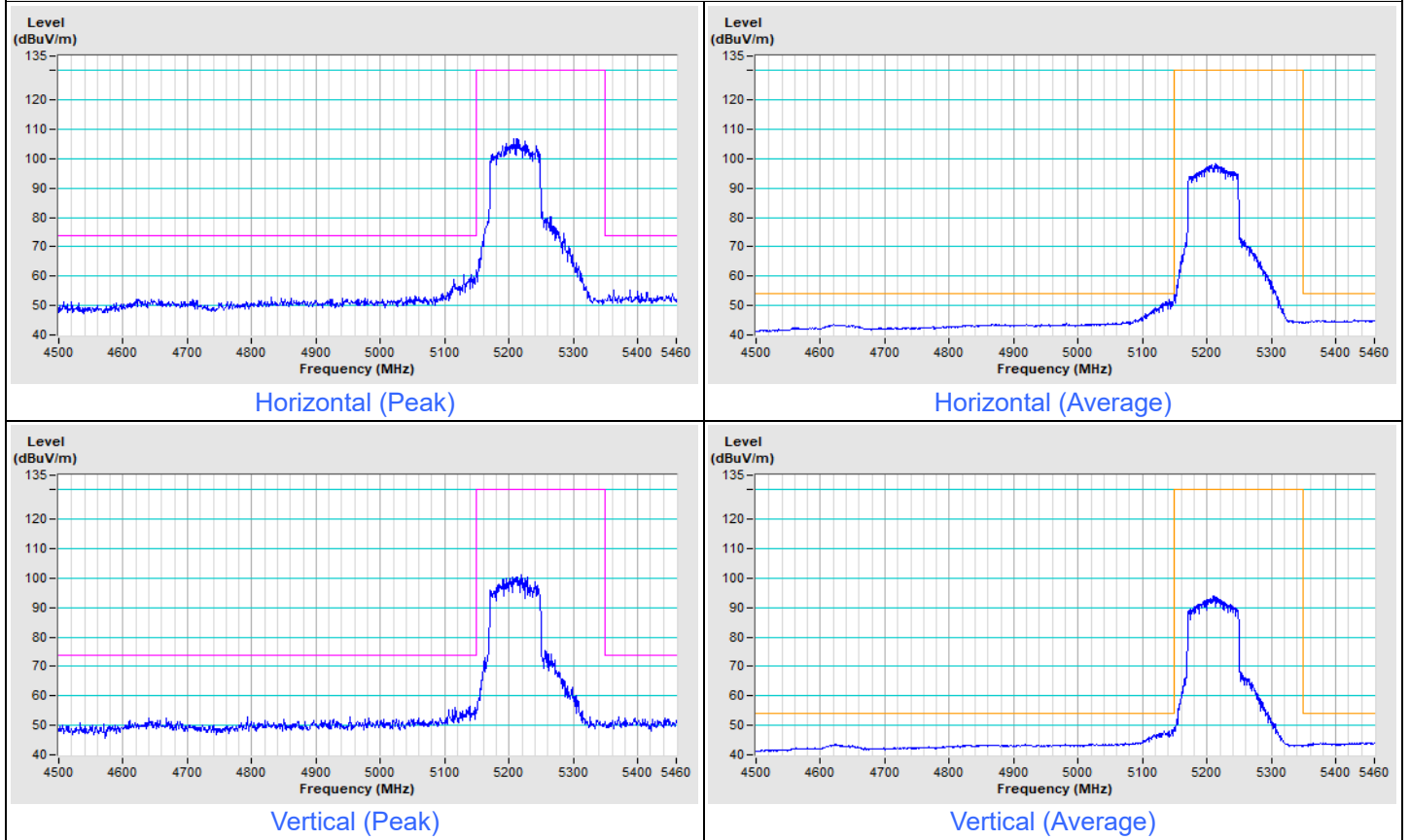
Vertical (Peak)



Vertical (Average)

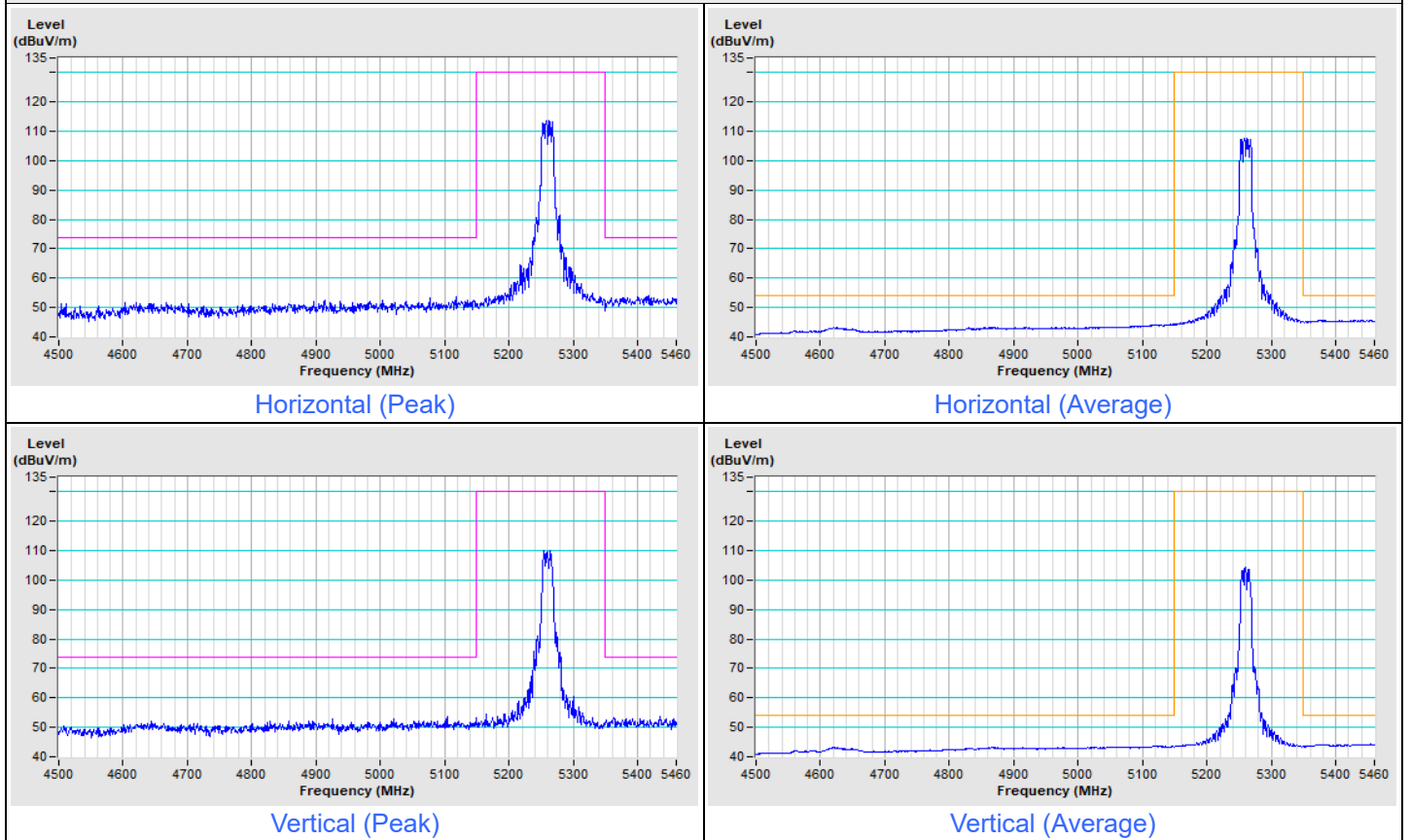
|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

### 802.11ax (HE80) Channel 42

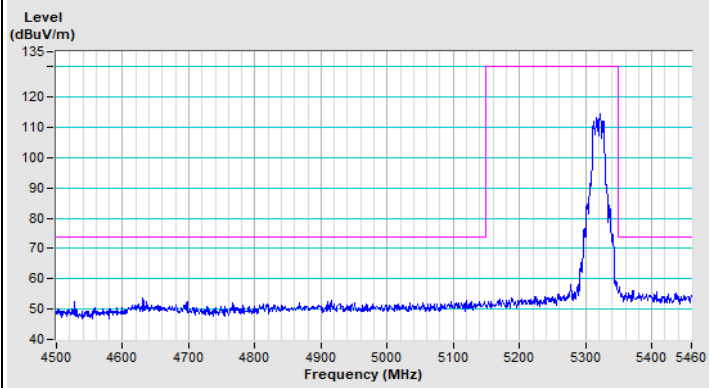


|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

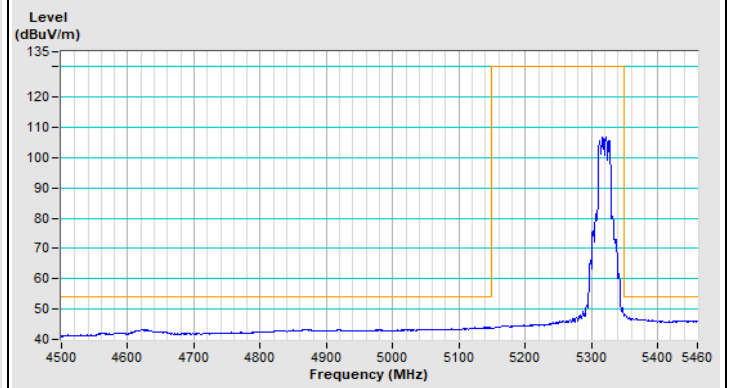
### 802.11a Channel 52



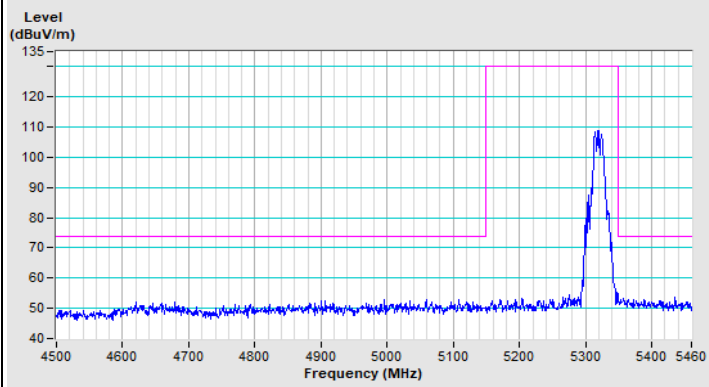
# 802.11a Channel 64



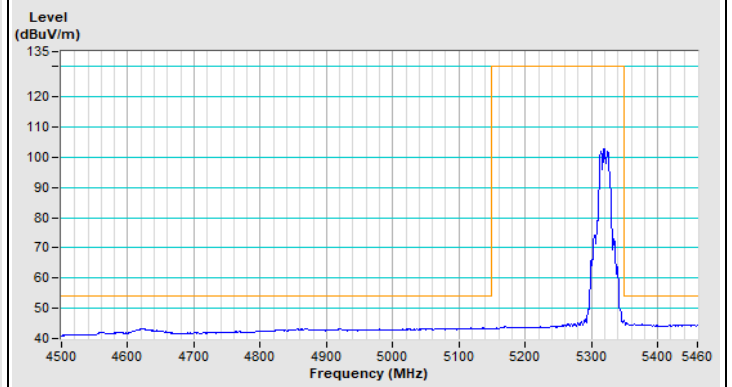
Horizontal (Peak)



Horizontal (Average)



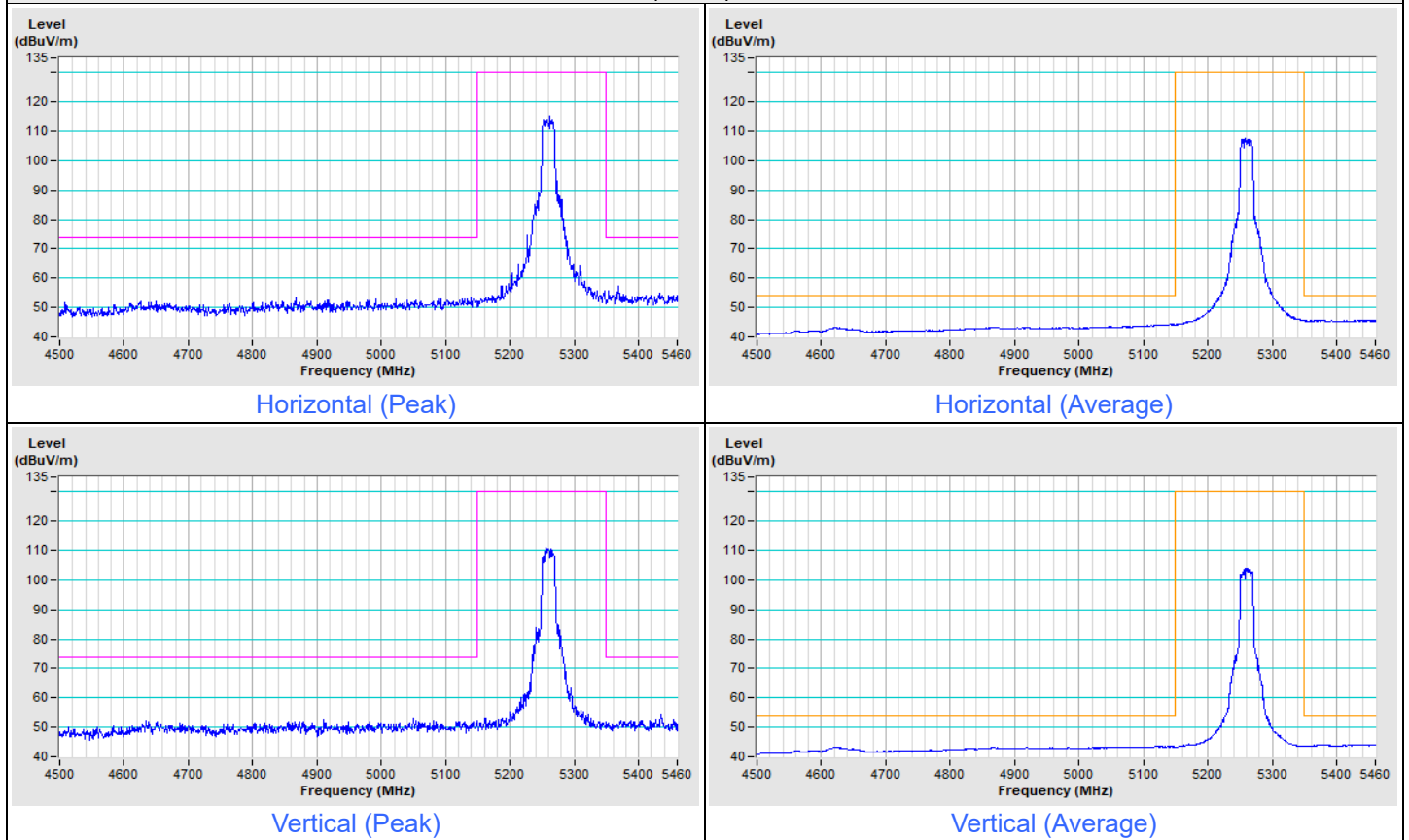
Vertical (Peak)



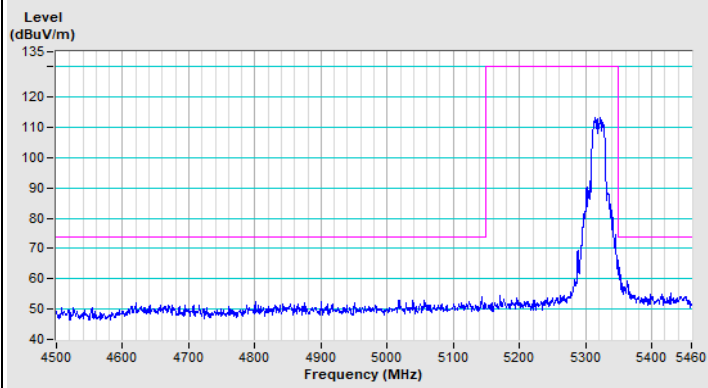
Vertical (Average)

|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

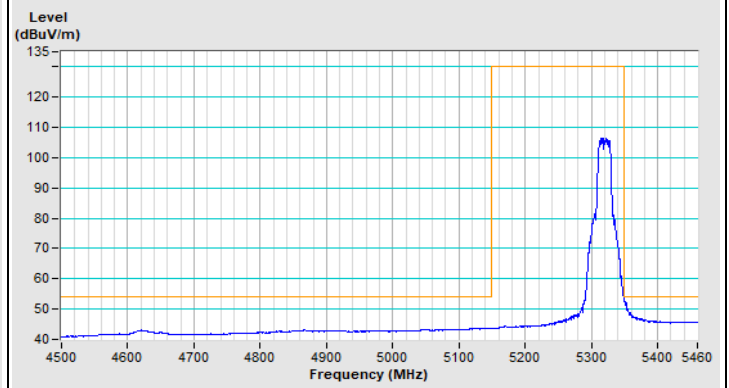
### 802.11ax (HE20) Channel 52



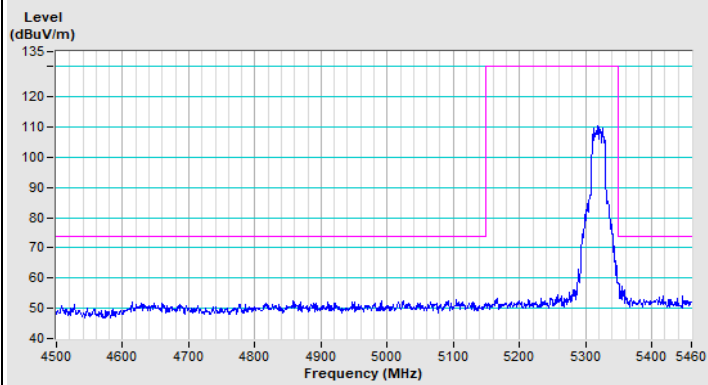
# 802.11ax (HE20) Channel 64



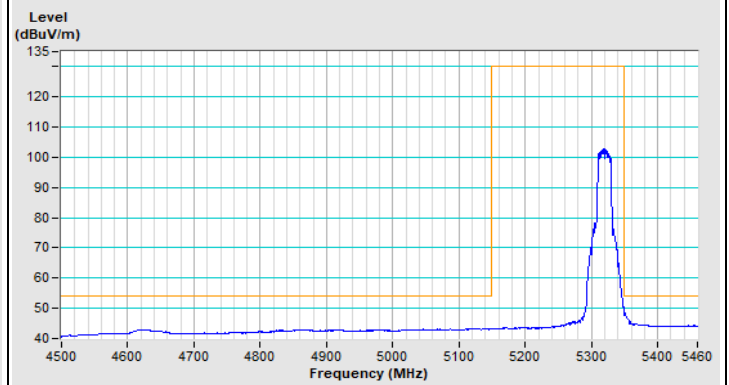
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)

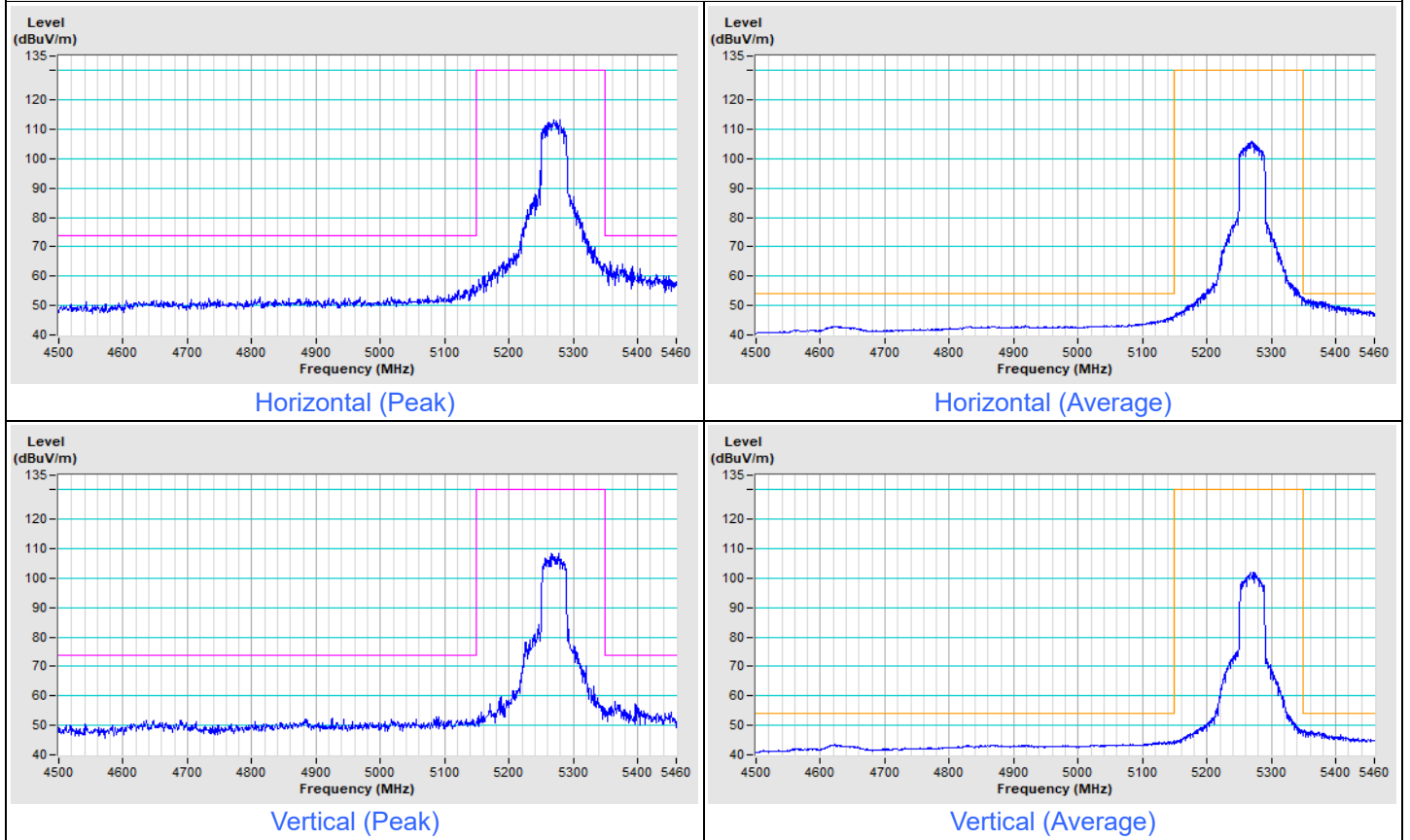


Vertical (Average)

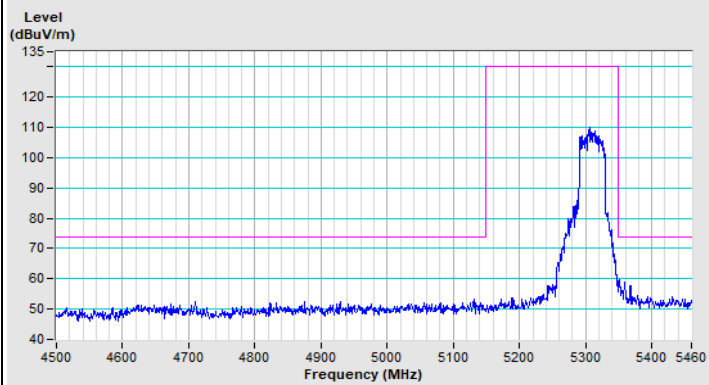


|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

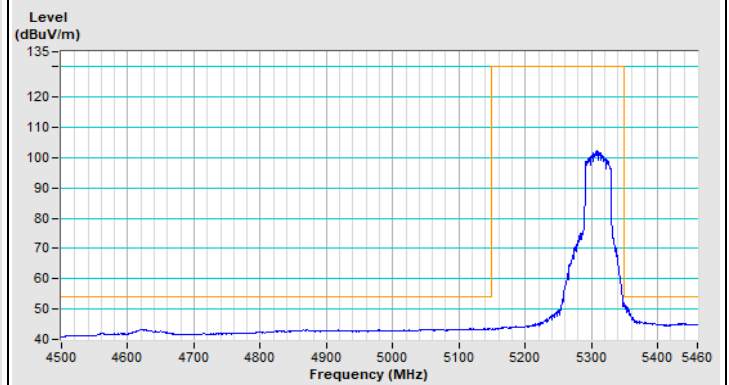
### 802.11ax (HE40) Channel 54



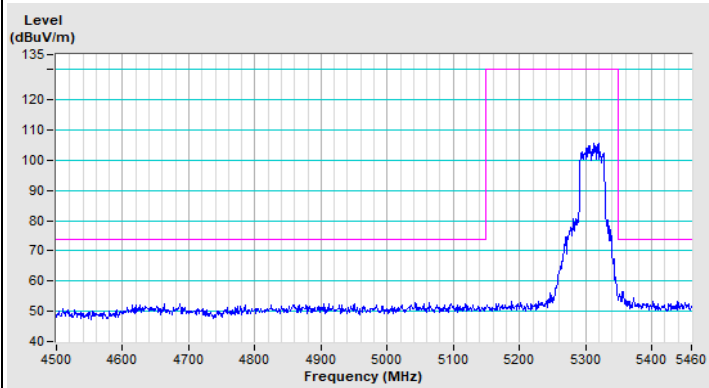
# 802.11ax (HE40) Channel 62



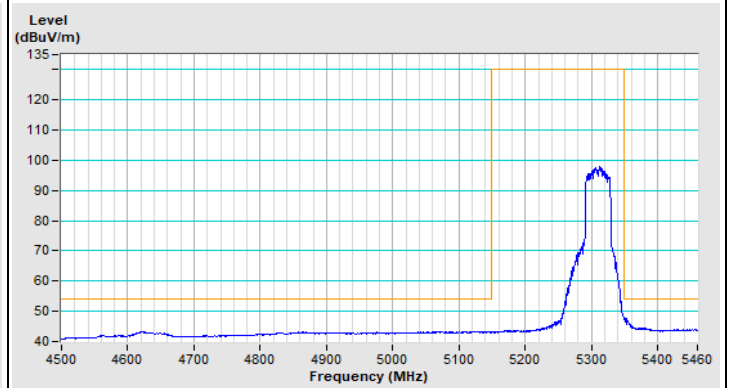
Horizontal (Peak)



Horizontal (Average)



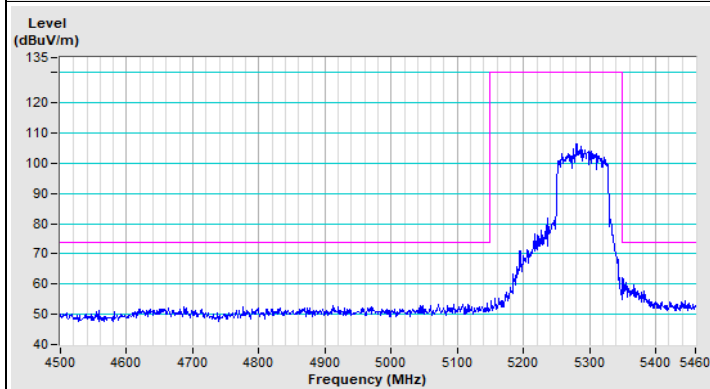
Vertical (Peak)



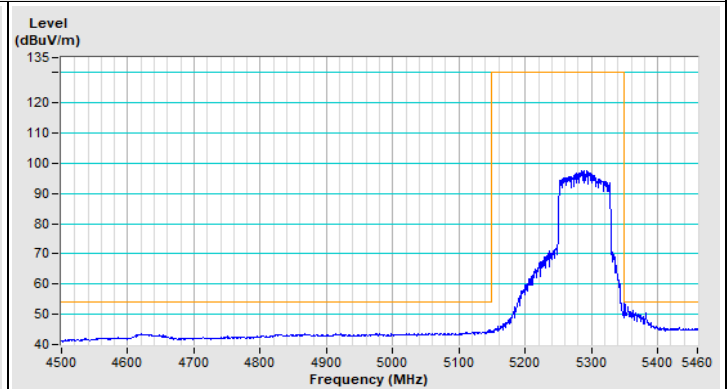
Vertical (Average)

|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

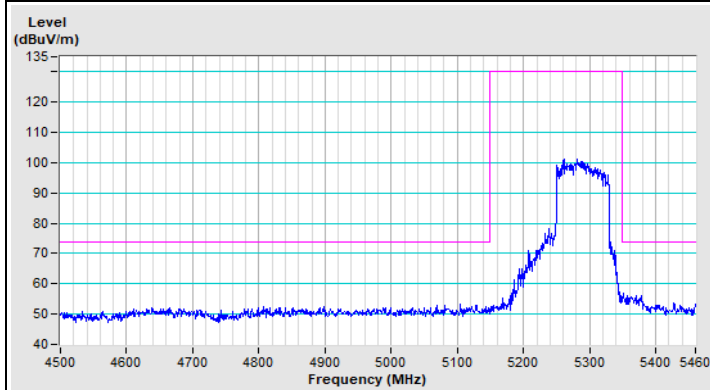
### 802.11ax (HE80) Channel 58



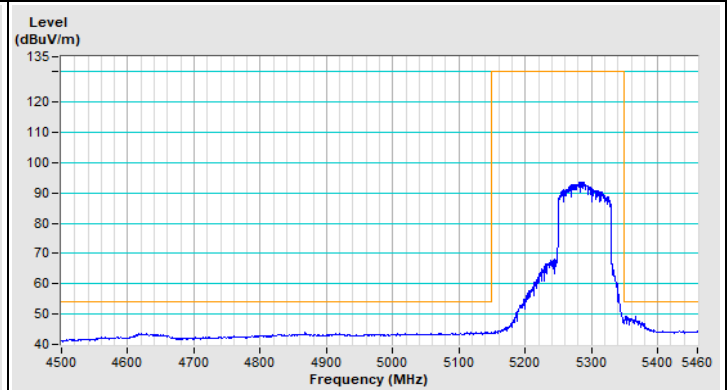
Horizontal (Peak)



Horizontal (Average)



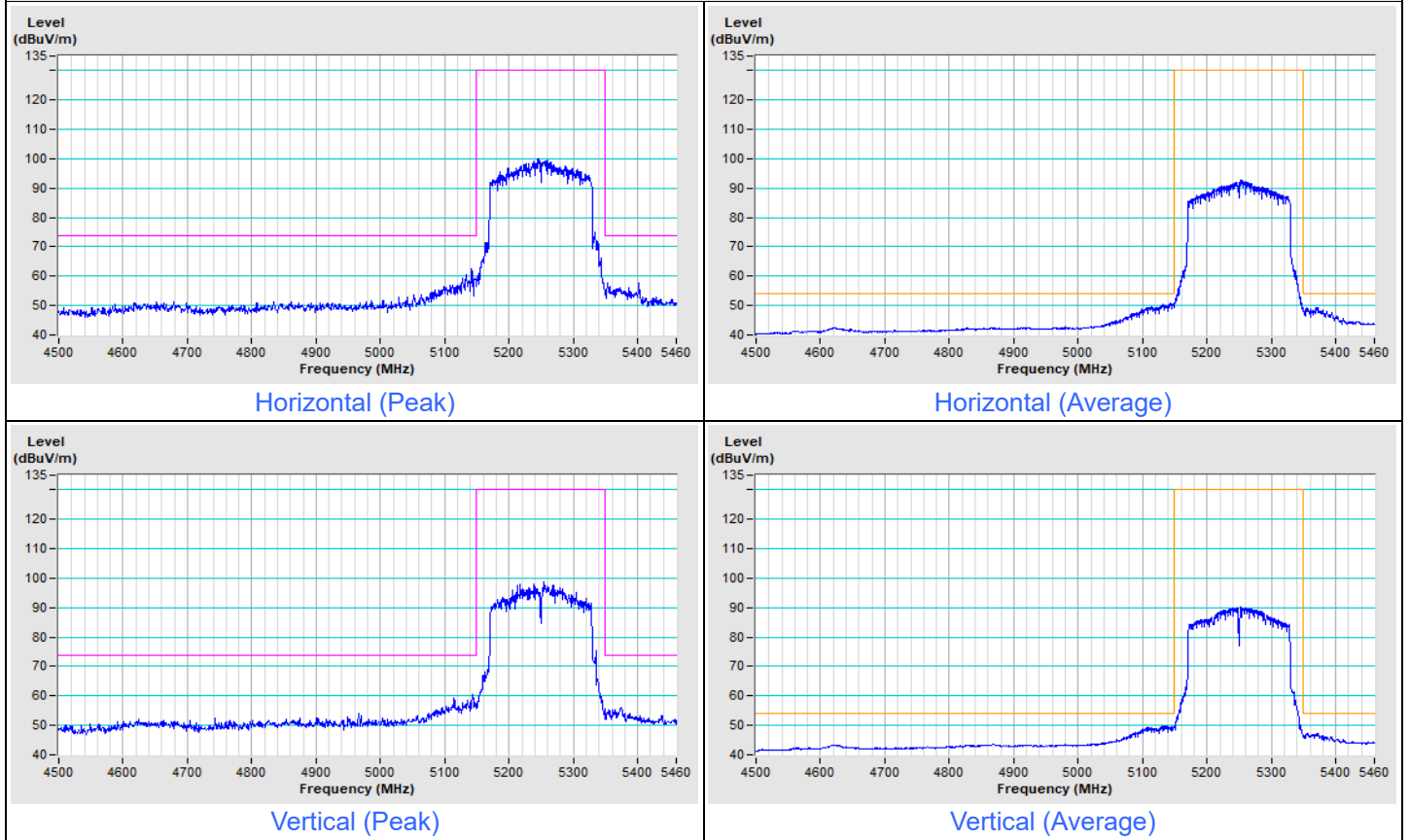
Vertical (Peak)



Vertical (Average)

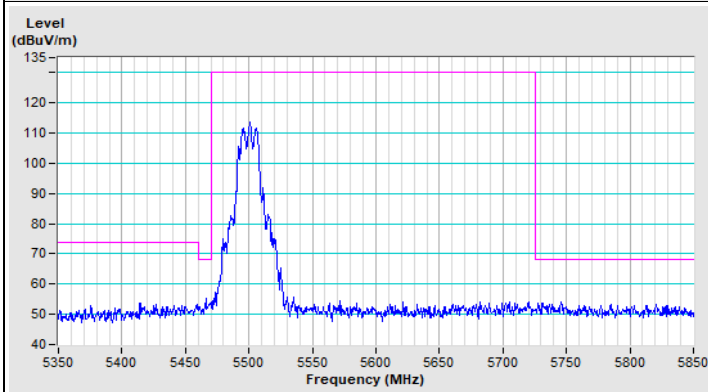
|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=2 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

### 802.11ax (HE160) Channel 50

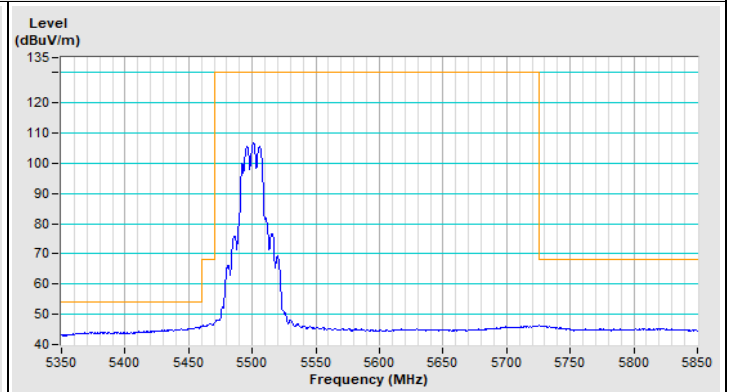


|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

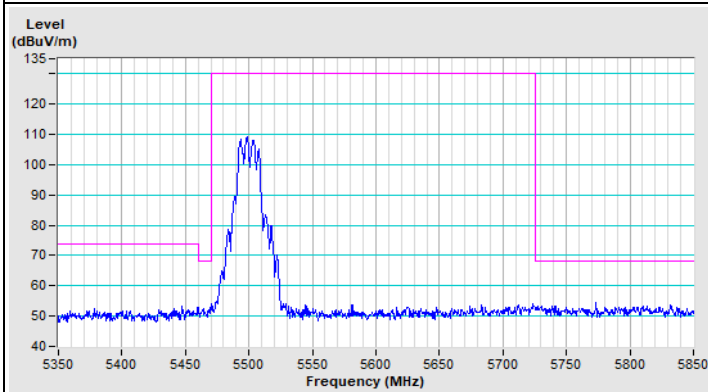
### 802.11a Channel 100



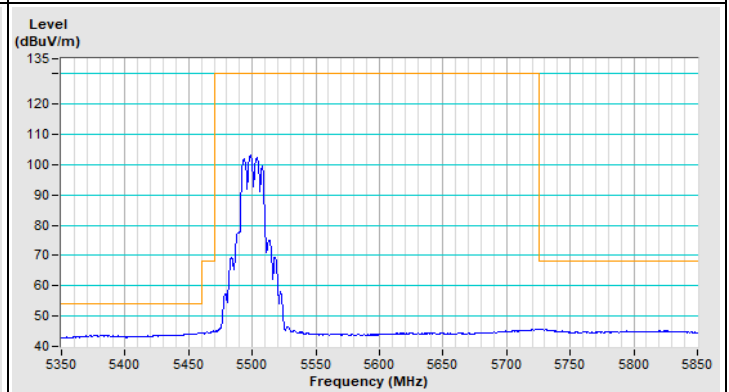
Horizontal (Peak)



Horizontal (Average)

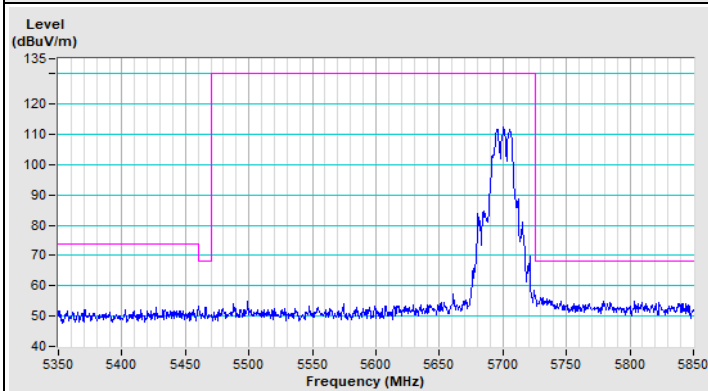


Vertical (Peak)

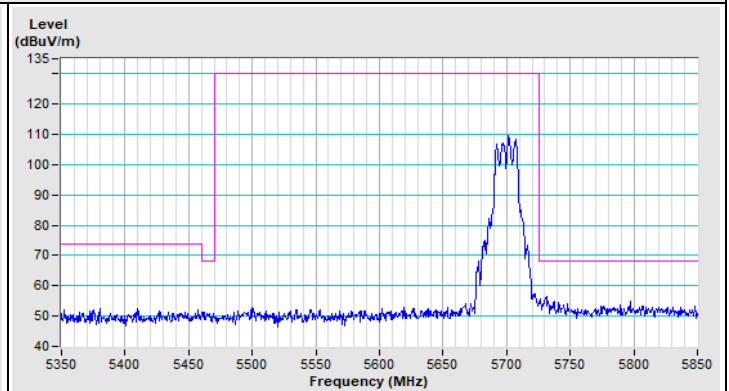


Vertical (Average)

### 802.11a Channel 140



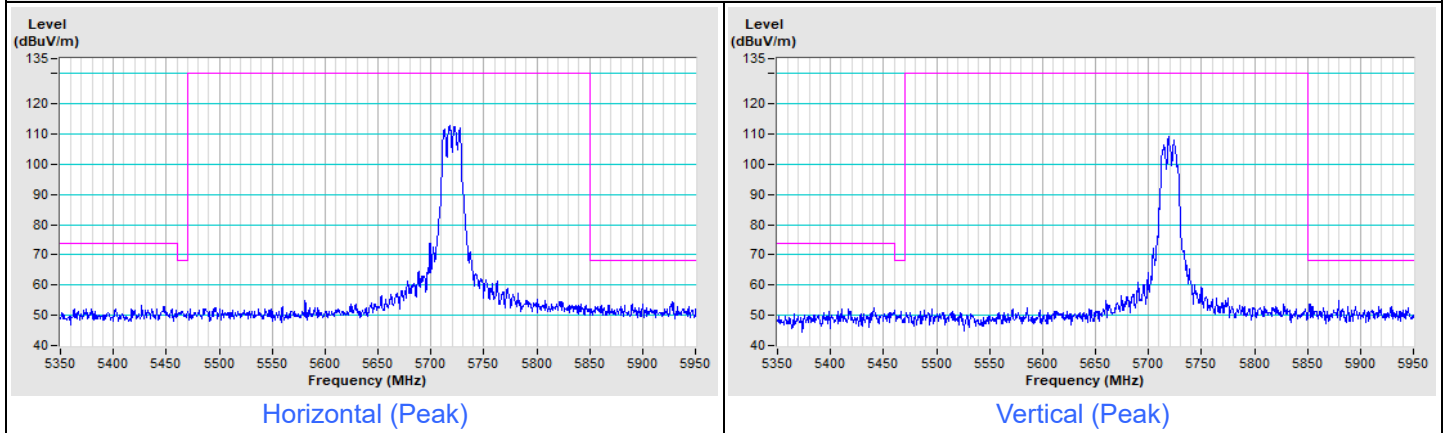
Horizontal (Peak)



Vertical (Peak)

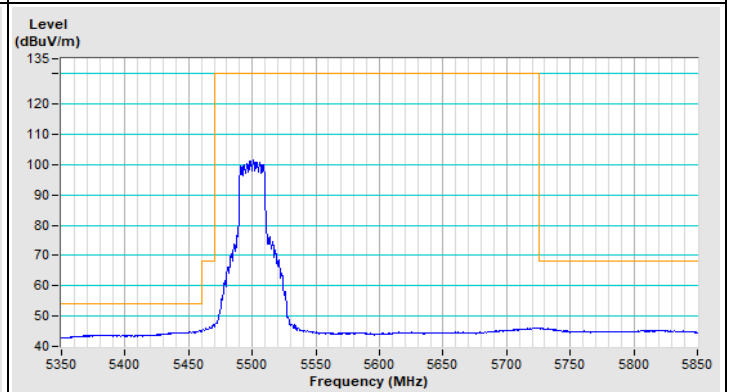
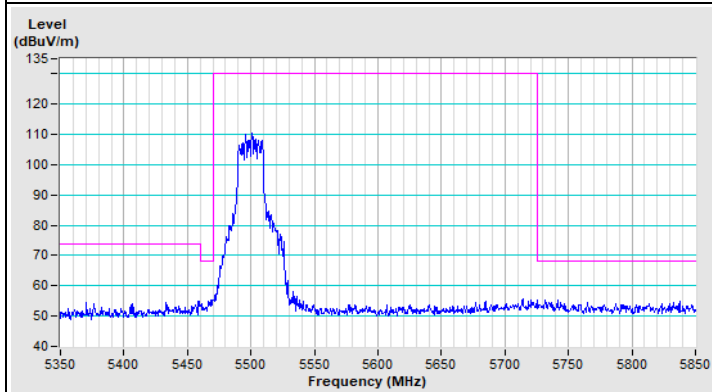
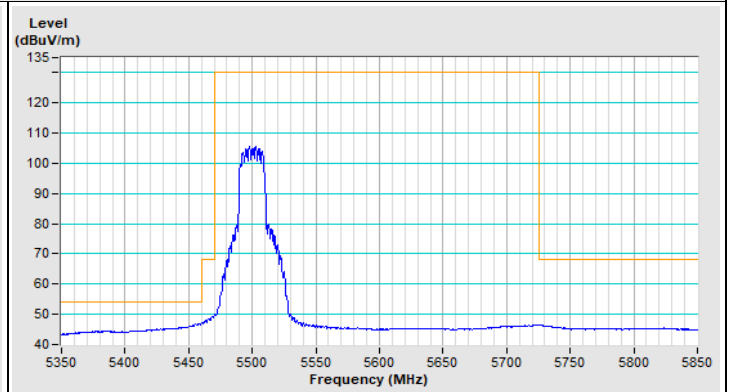
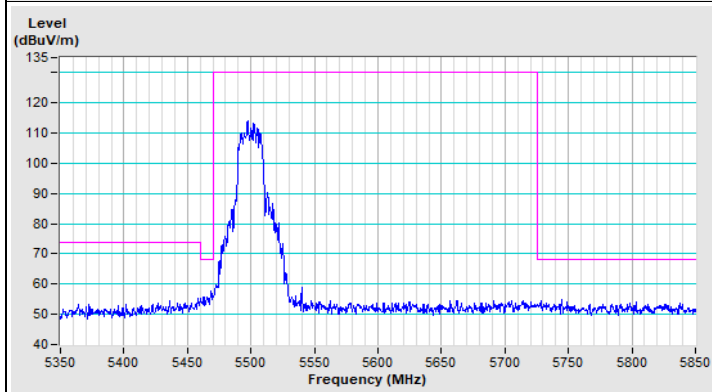
|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.95 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

### 802.11a Channel 144

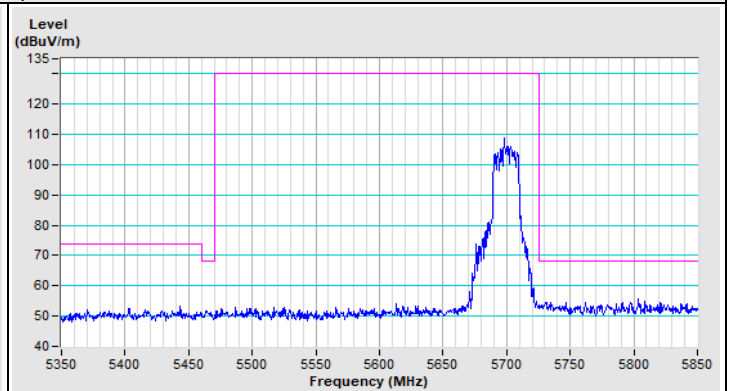
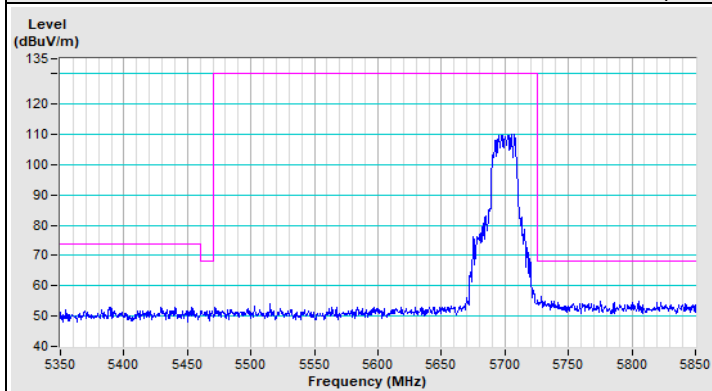


|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

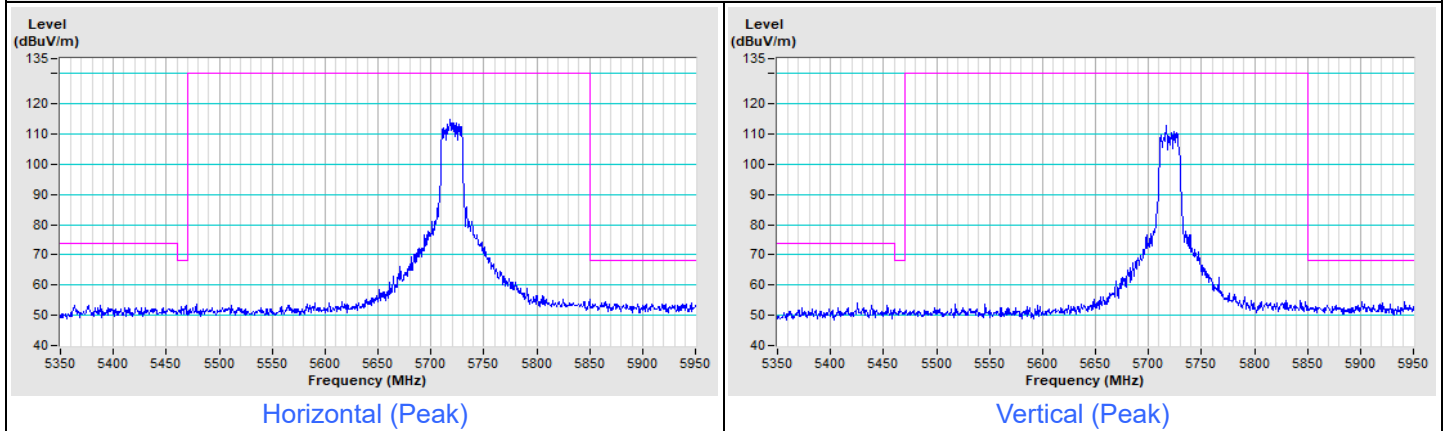
### 802.11ax (HE20) Channel 100



### 802.11ax (HE20) Channel 140



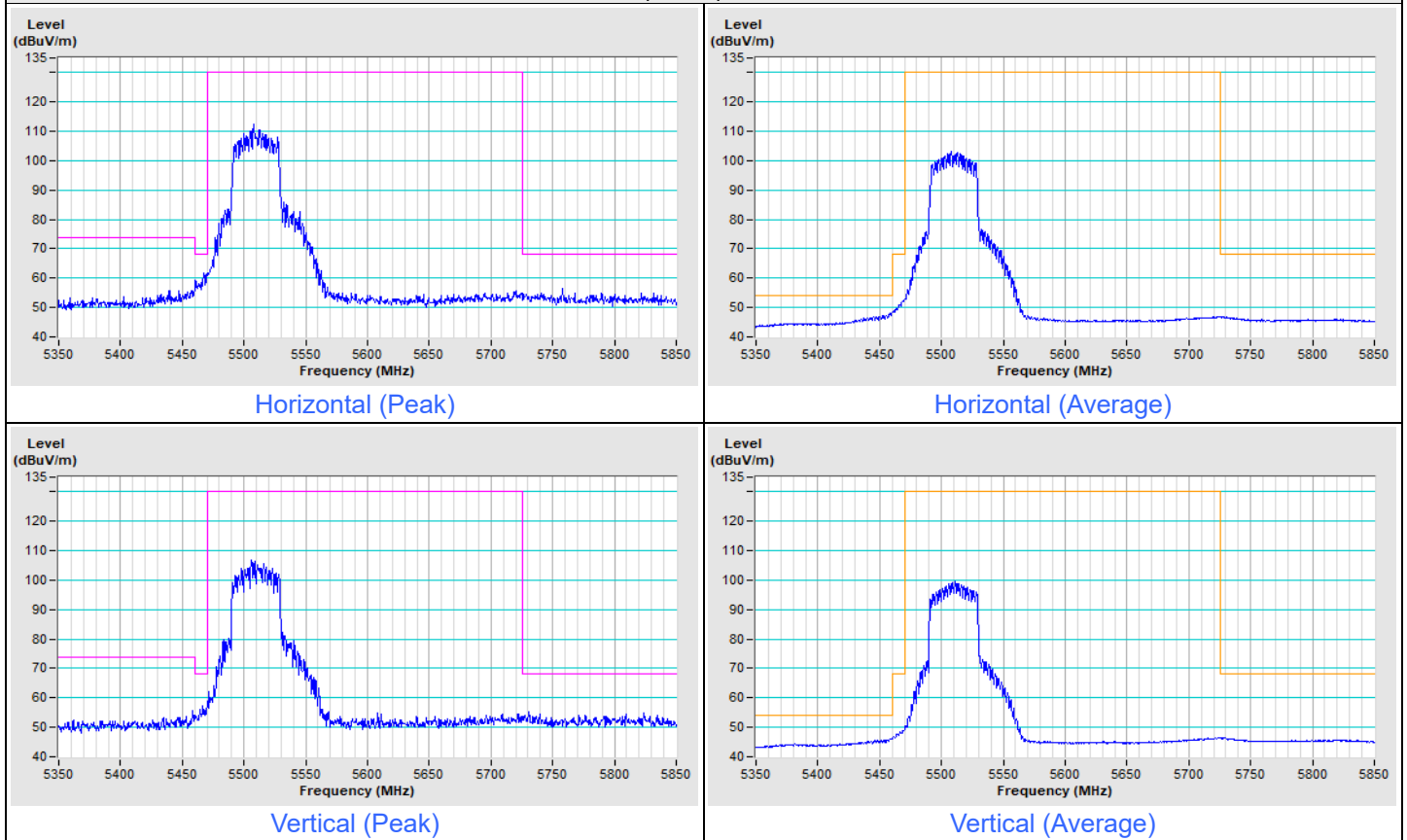
|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.95 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

**802.11ax (HE20) Channel 144**

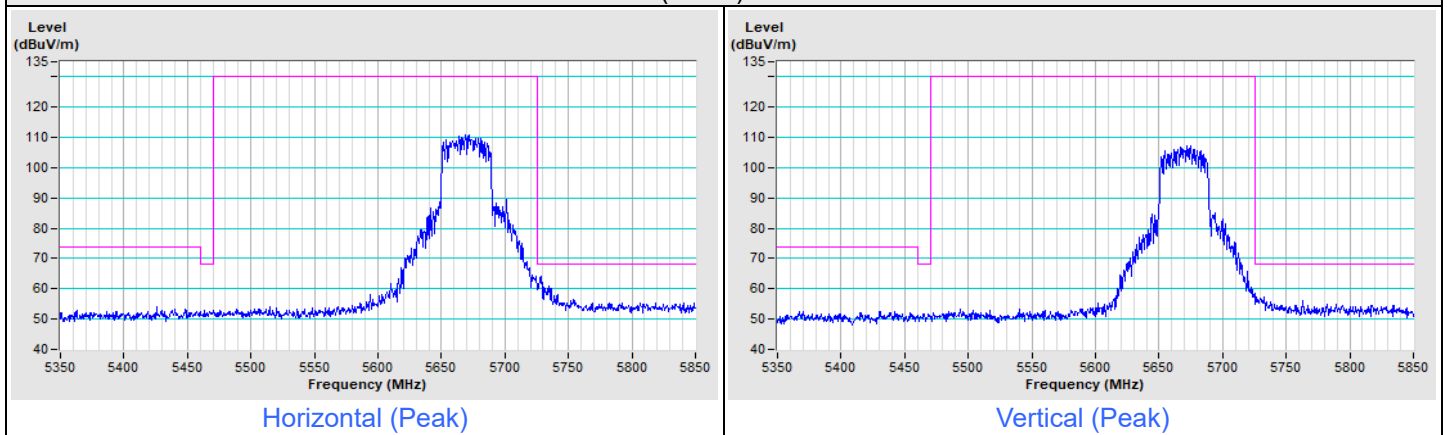


|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

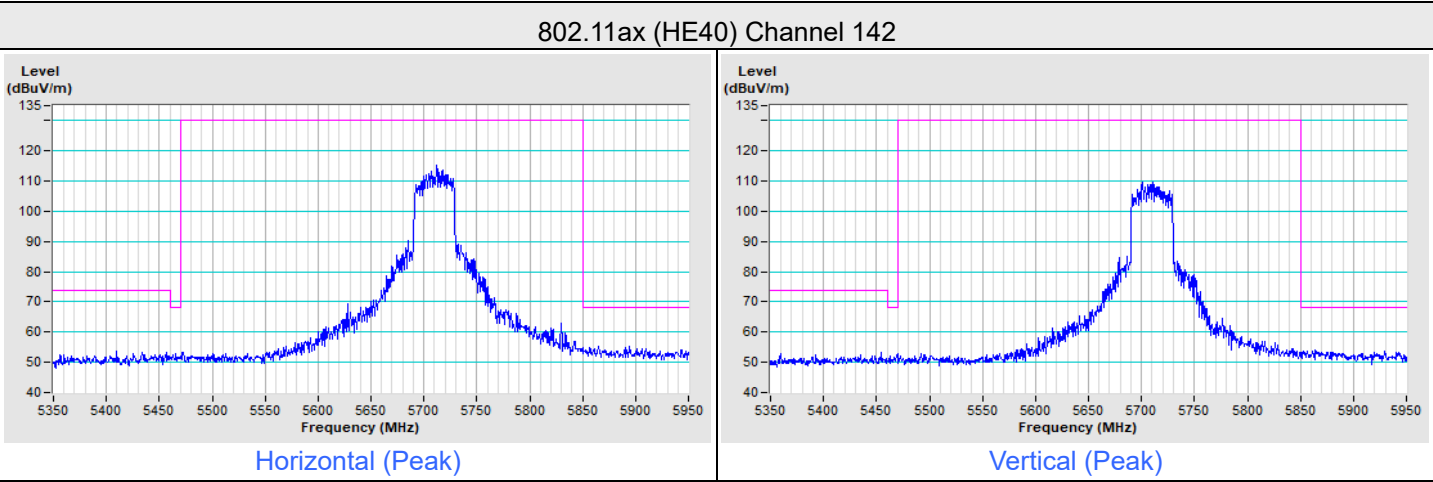
### 802.11ax (HE40) Channel 102



### 802.11ax (HE40) Channel 134

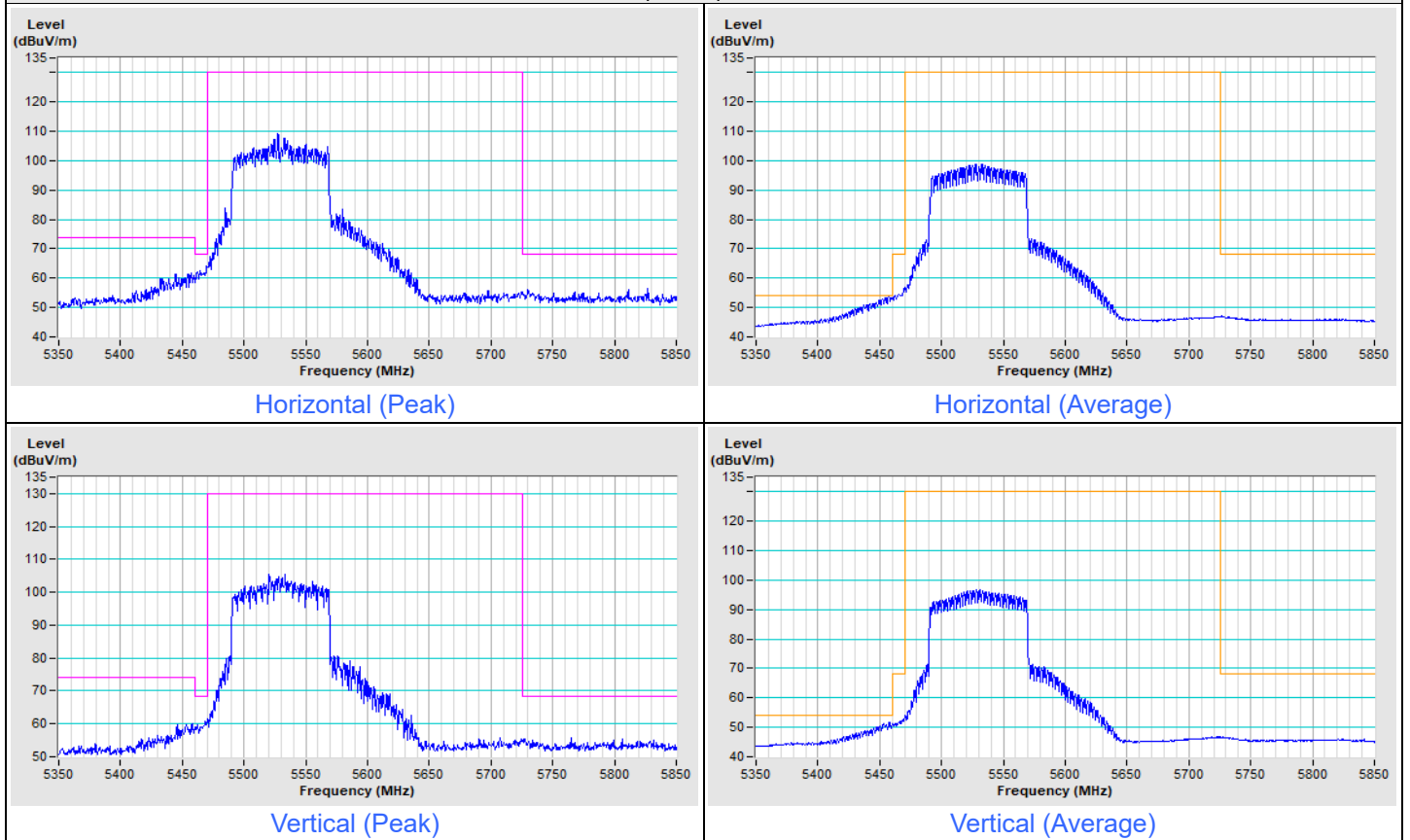


|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.95 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|



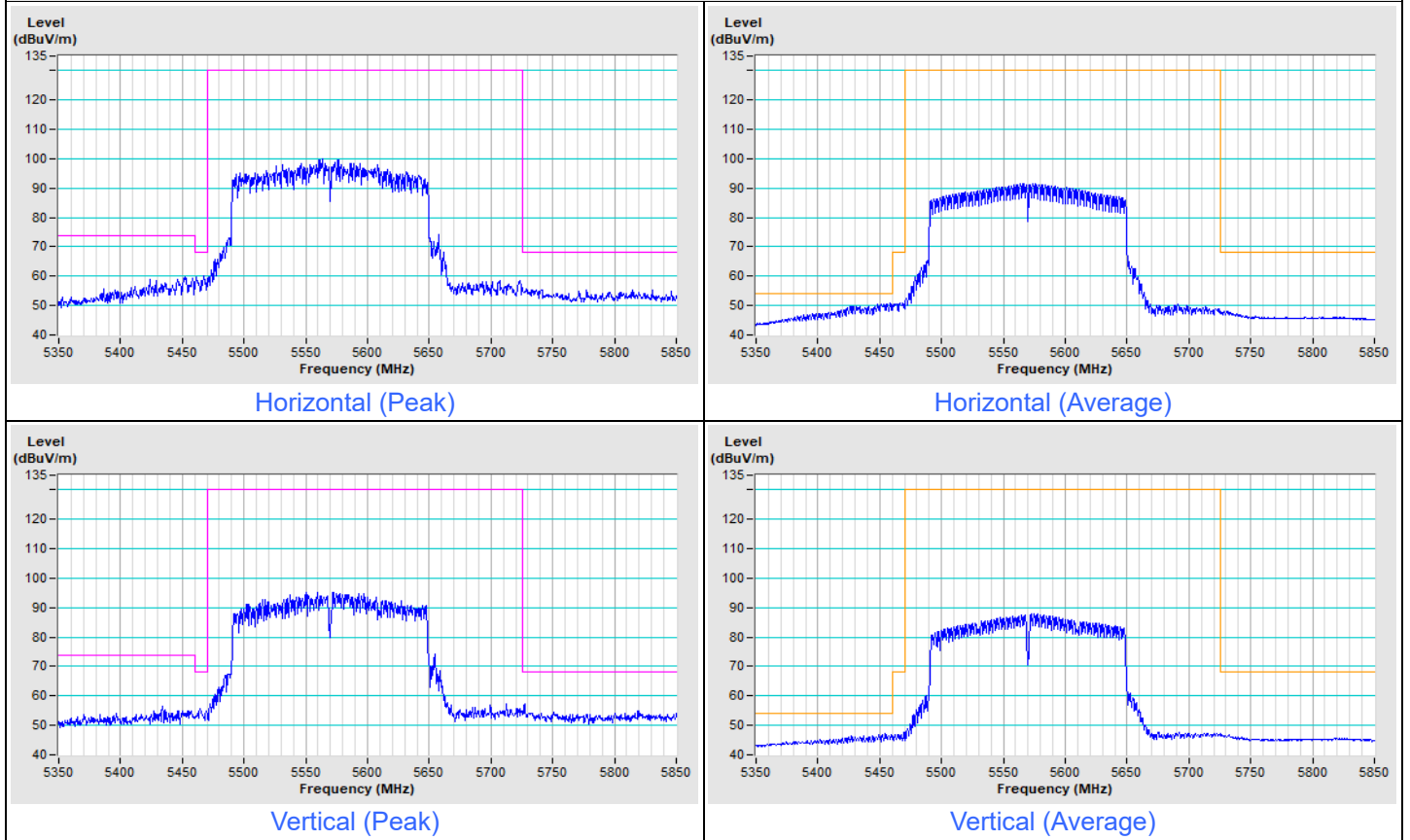
|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

### 802.11ax (HE80) Channel 106



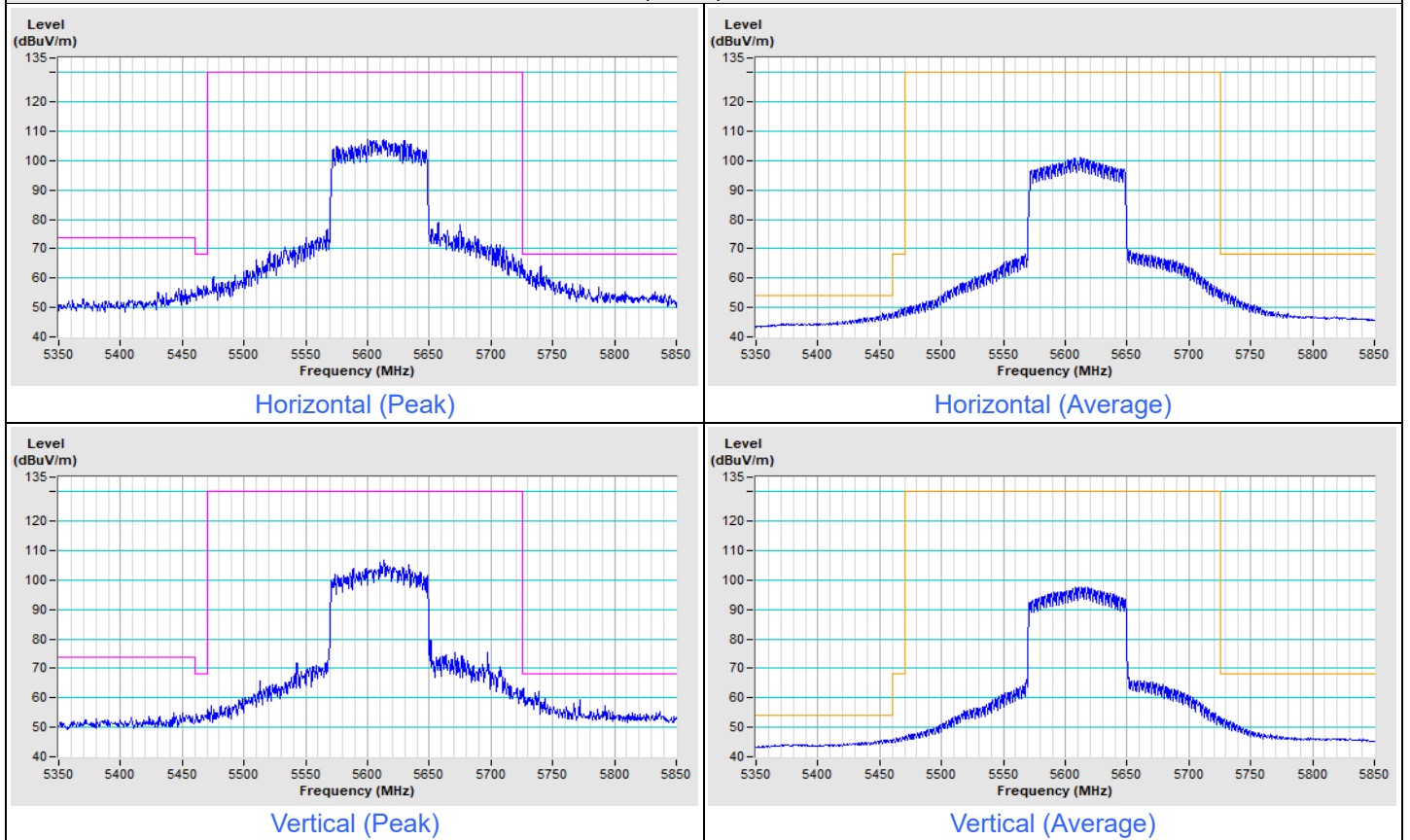
|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=2 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

### 802.11ax (HE160) Channel 114



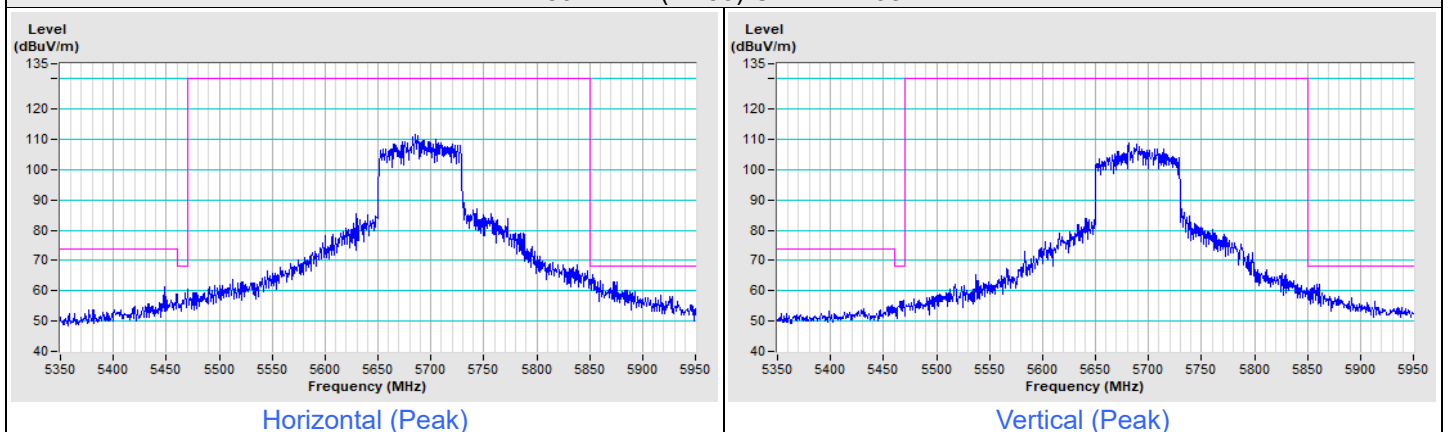
|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

### 802.11ax (HE80) Channel 122



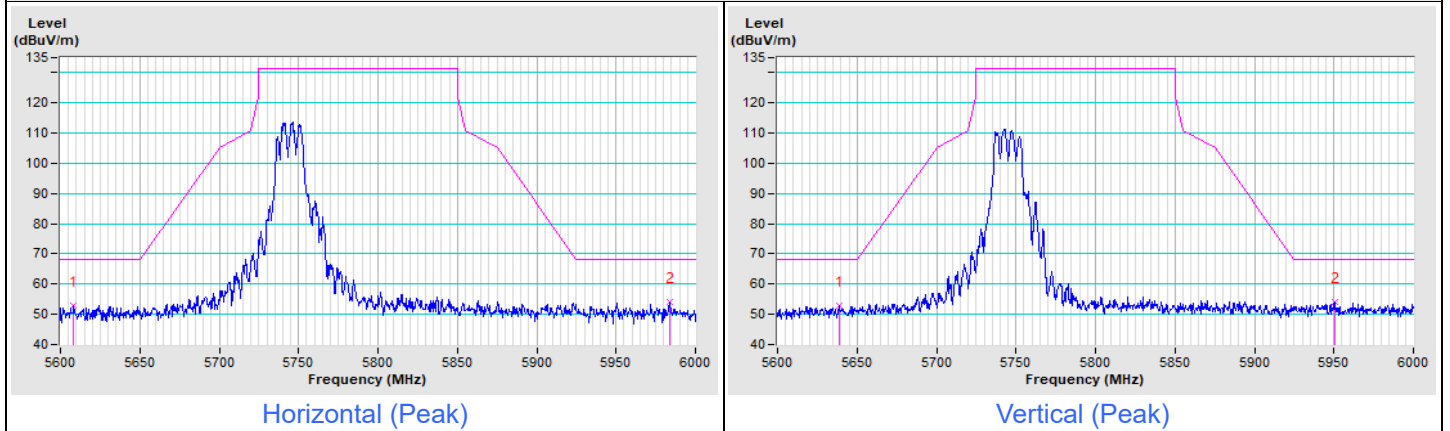
|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.95 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

### 802.11ax (HE80) Channel 138

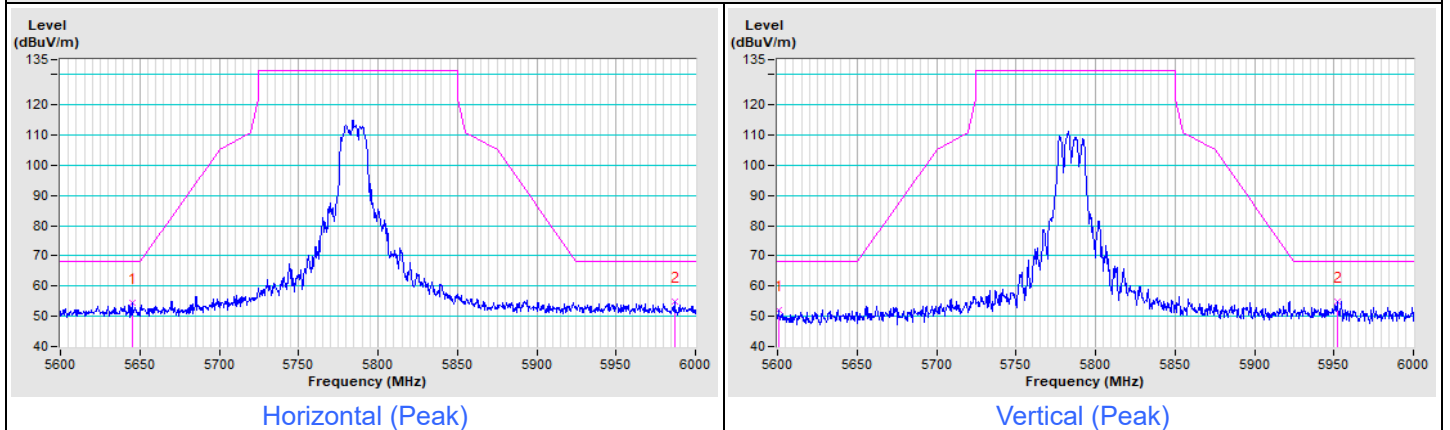


|                 |                 |                               |                                  |
|-----------------|-----------------|-------------------------------|----------------------------------|
| Frequency Range | 5.6 GHz ~ 6 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|-----------------|-------------------------------|----------------------------------|

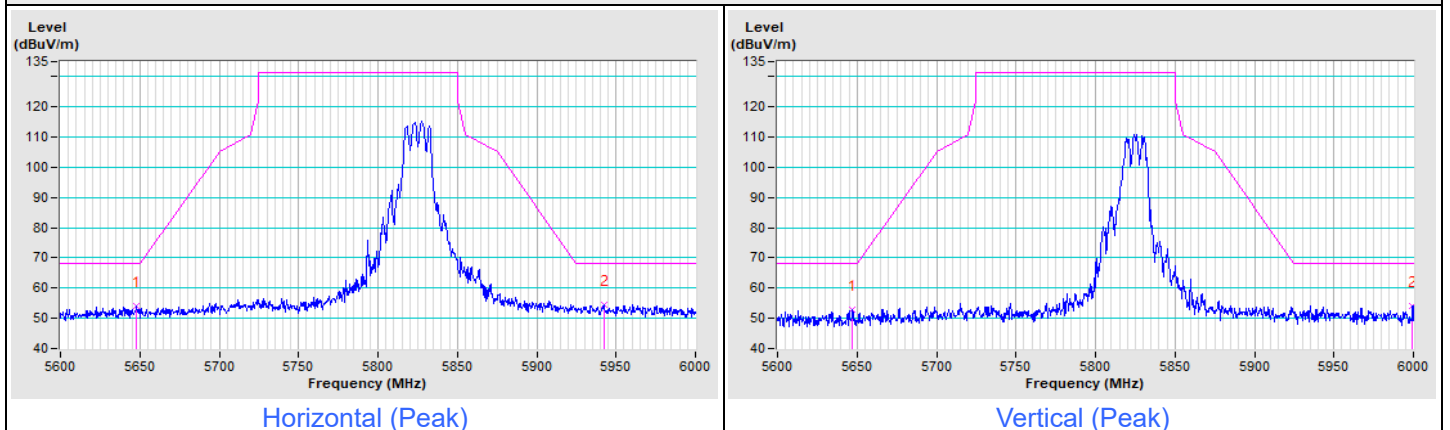
### 802.11a Channel 149



### 802.11a Channel 157

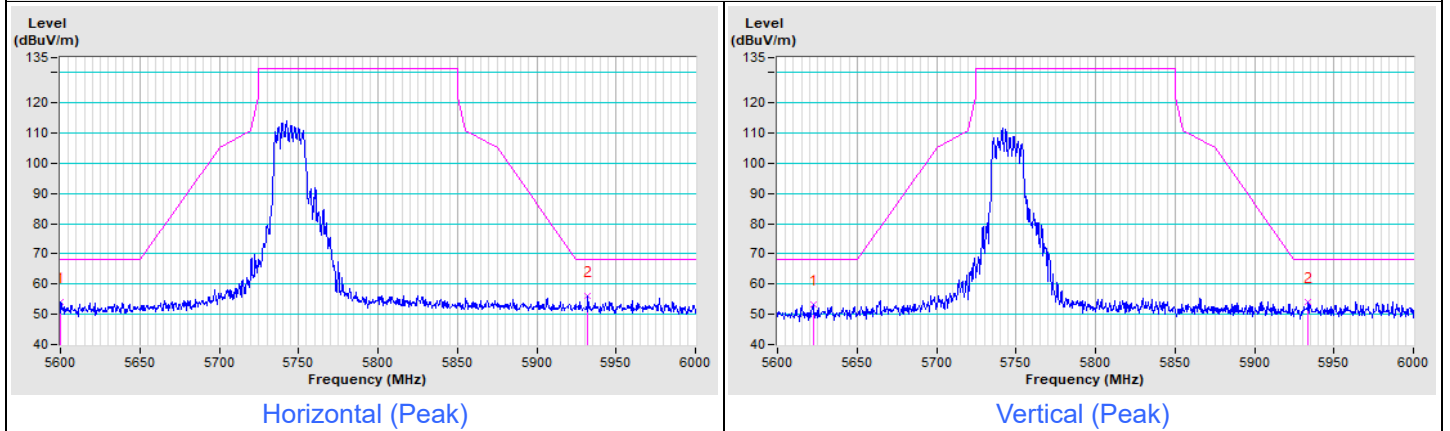


### 802.11a Channel 165

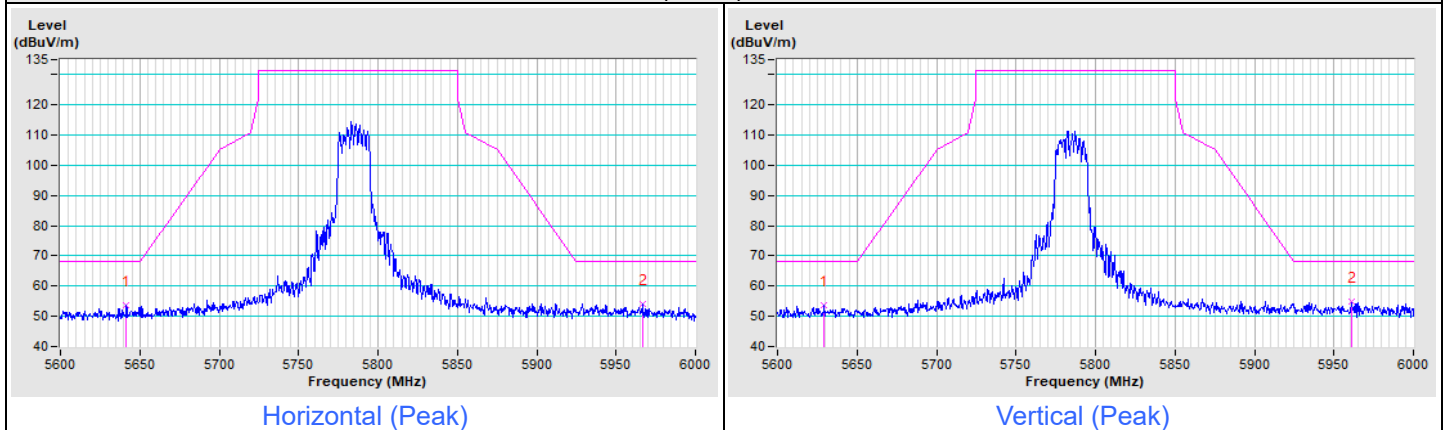


|                 |                 |                               |                                  |
|-----------------|-----------------|-------------------------------|----------------------------------|
| Frequency Range | 5.6 GHz ~ 6 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|-----------------|-------------------------------|----------------------------------|

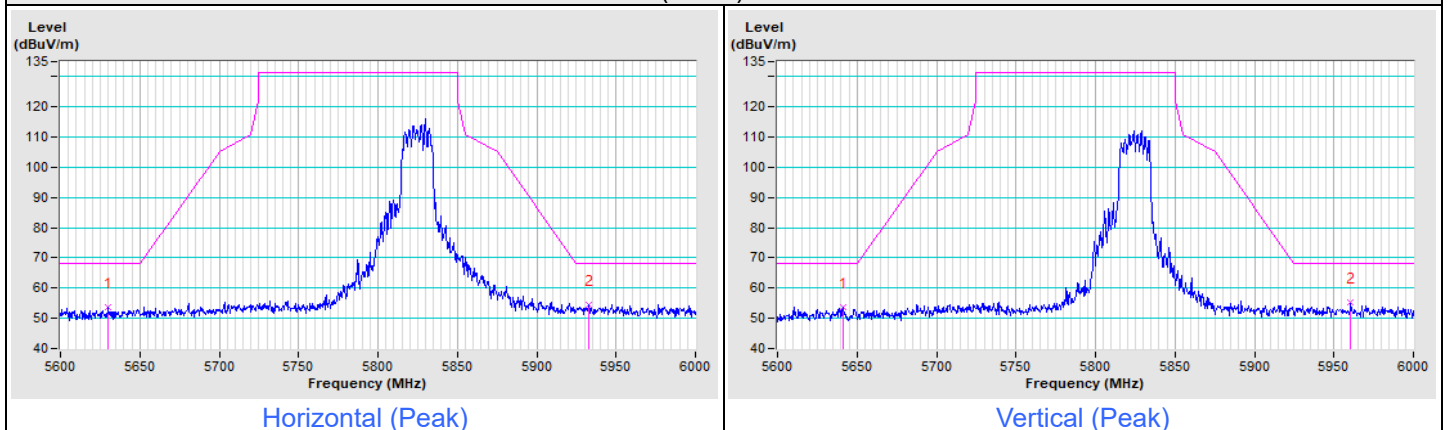
### 802.11ax (HE20) Channel 149



### 802.11ax (HE20) Channel 157

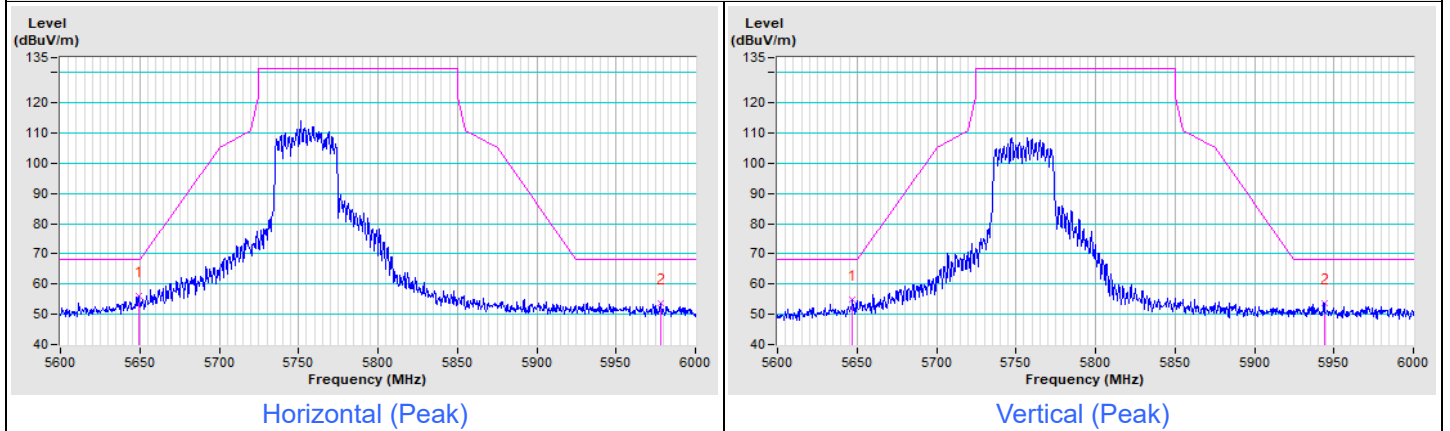


### 802.11ax (HE20) Channel 165

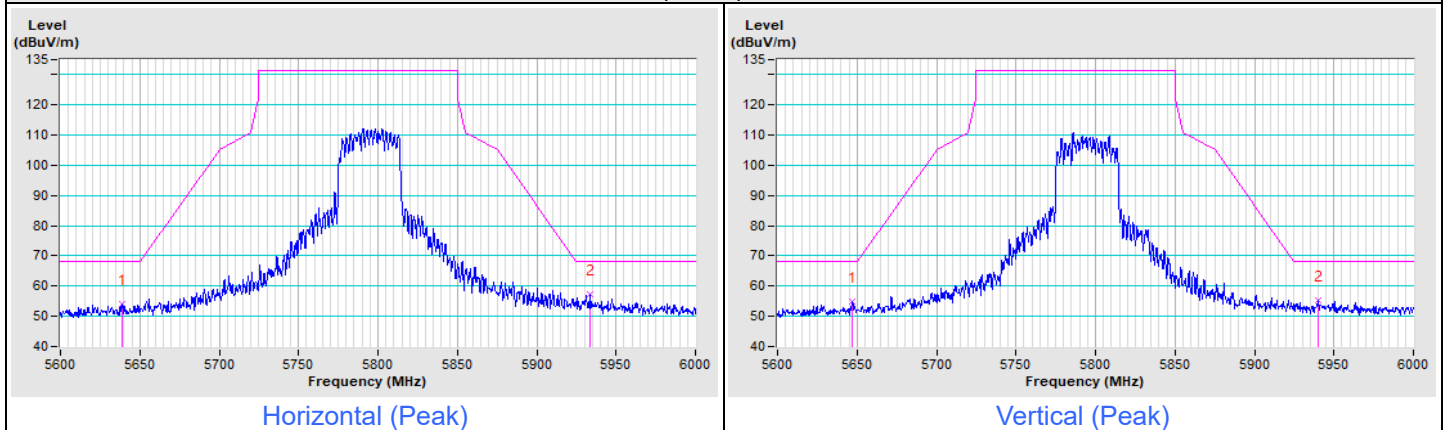


|                 |                 |                               |                                  |
|-----------------|-----------------|-------------------------------|----------------------------------|
| Frequency Range | 5.6 GHz ~ 6 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|-----------------|-------------------------------|----------------------------------|

### 802.11ax (HE40) Channel 151



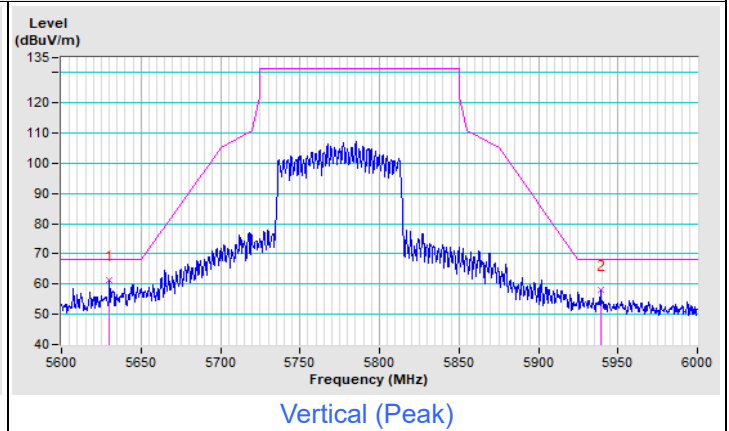
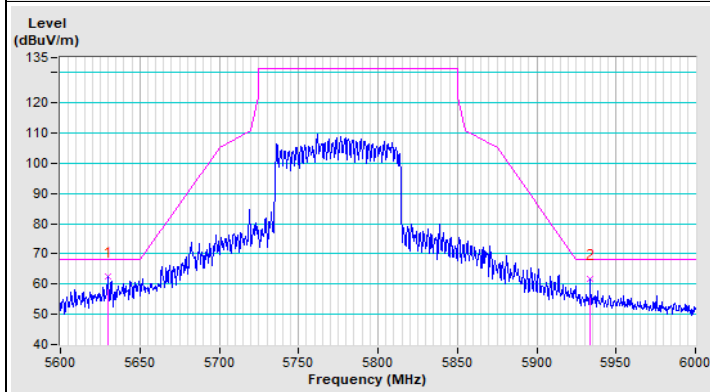
### 802.11ax (HE40) Channel 159





|                 |                 |                               |                                  |
|-----------------|-----------------|-------------------------------|----------------------------------|
| Frequency Range | 5.6 GHz ~ 6 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|-----------------|-------------------------------|----------------------------------|

### 802.11ax (HE80) Channel 155

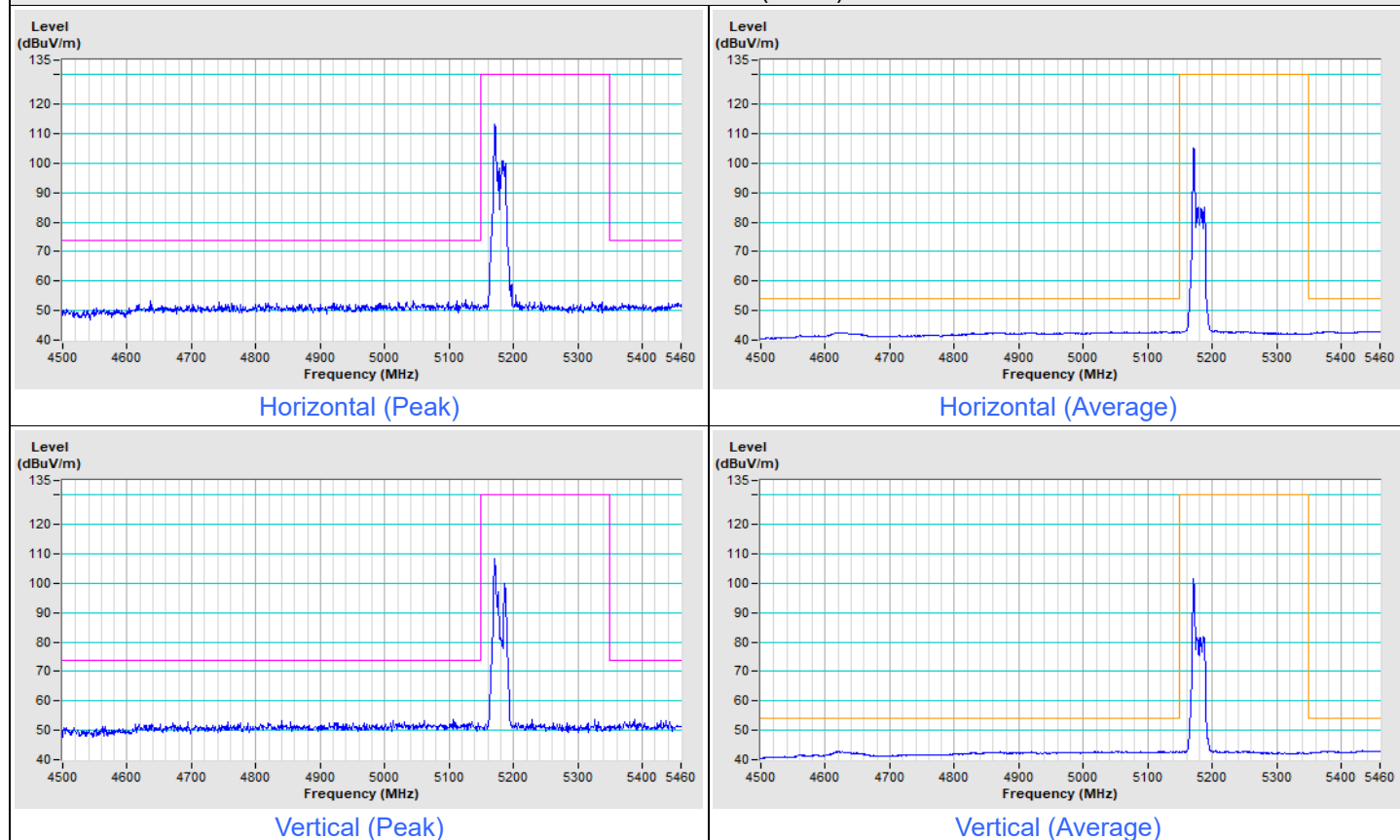


## Plot of Band Edge

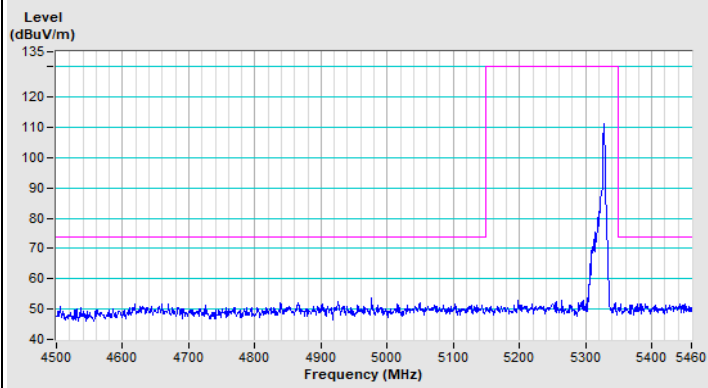
### Partial RU

|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

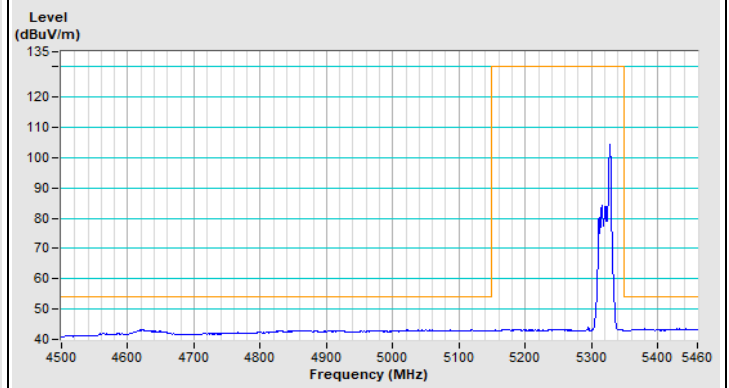
20 MHz Preamble 802.11ax (RU26) Channel 36



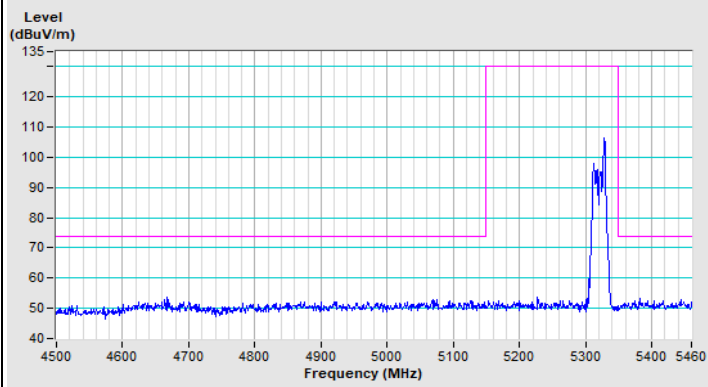
## 20 MHz Preamble 802.11ax (RU26) Channel 64



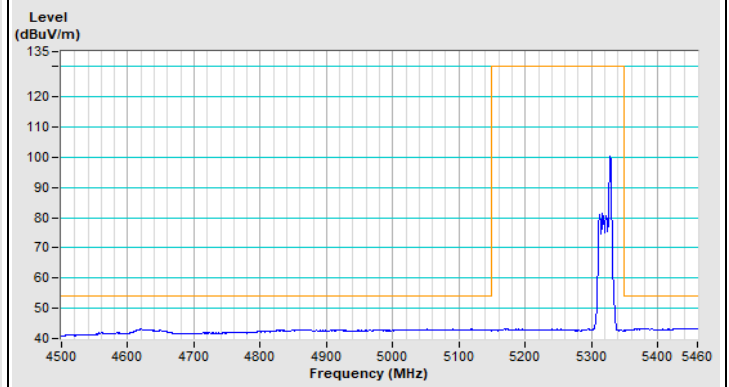
Horizontal (Peak)



Horizontal (Average)



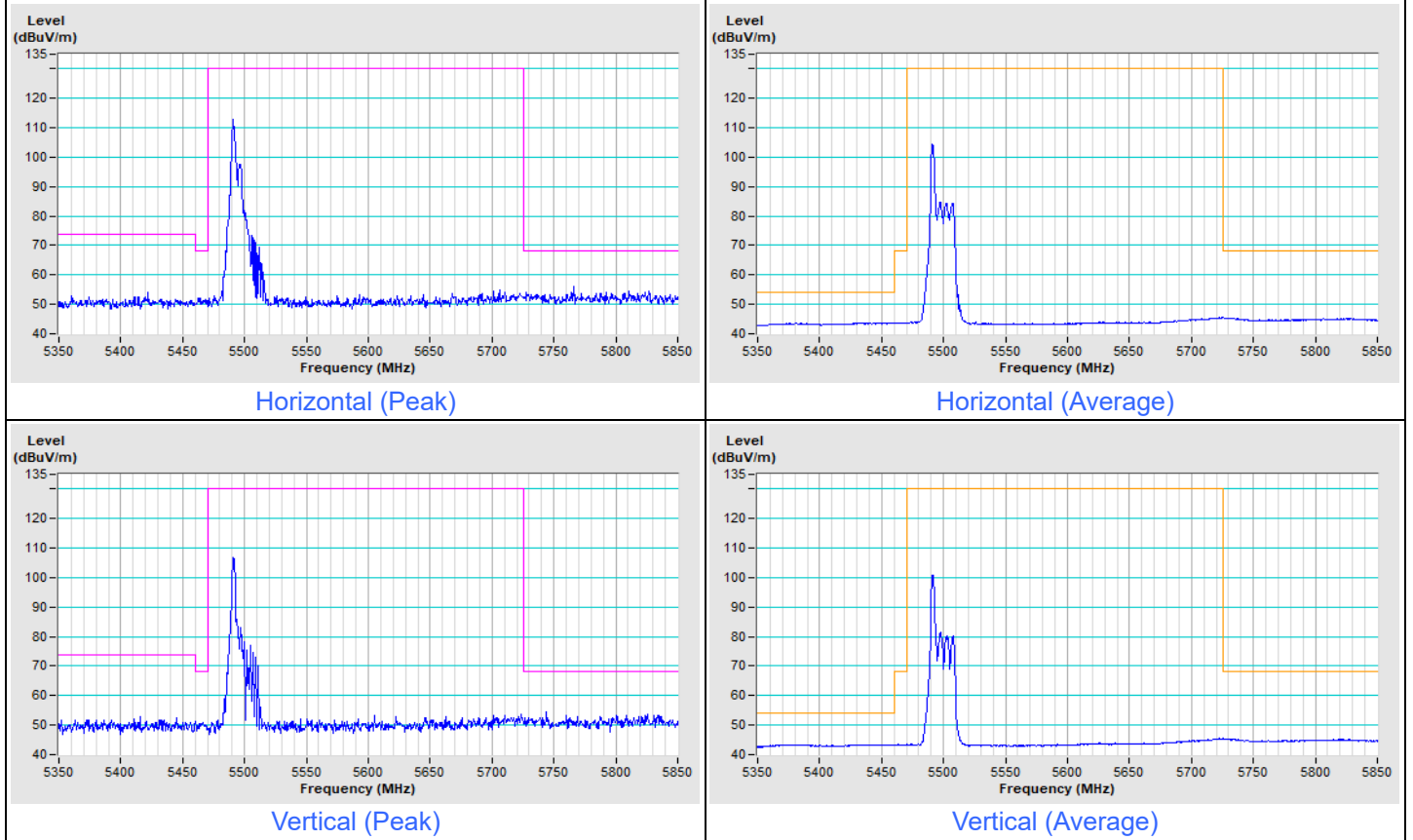
Vertical (Peak)



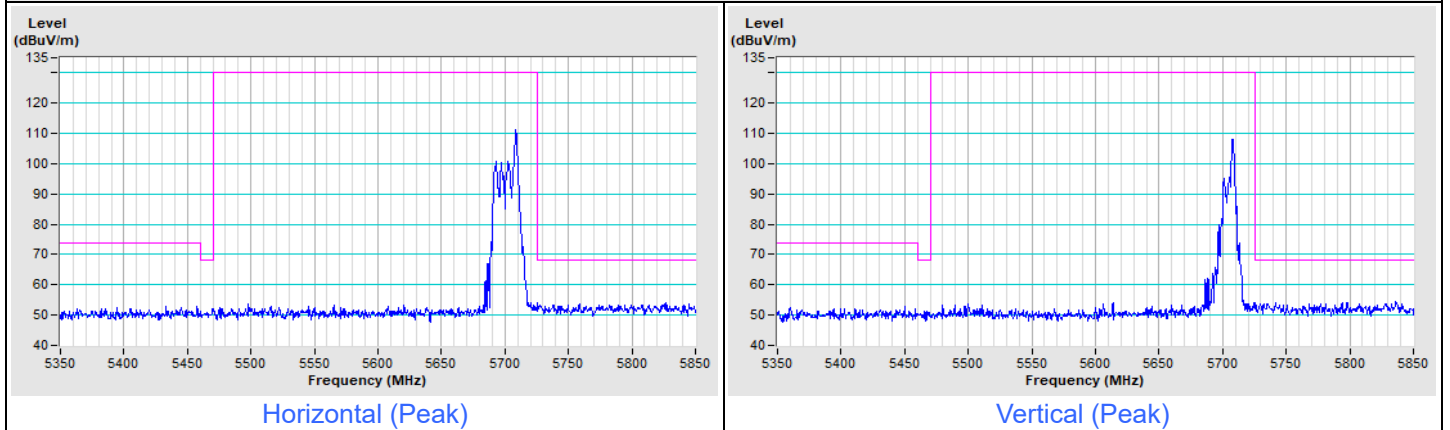
Vertical (Average)

|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

### 20 MHz Preamble 802.11ax (RU26) Channel 100

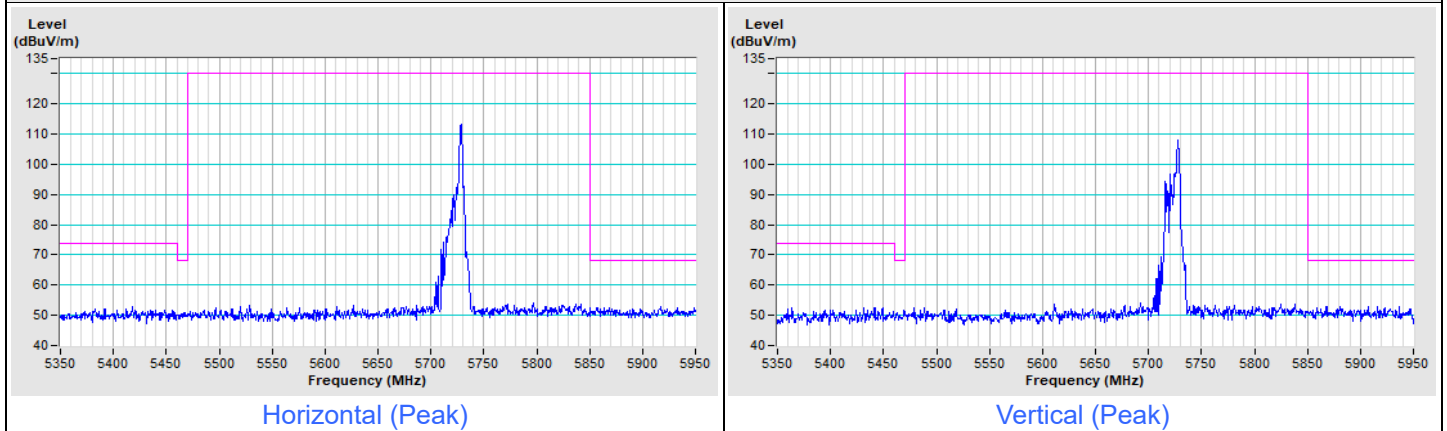


### 20 MHz Preamble 802.11ax (RU26) Channel 140



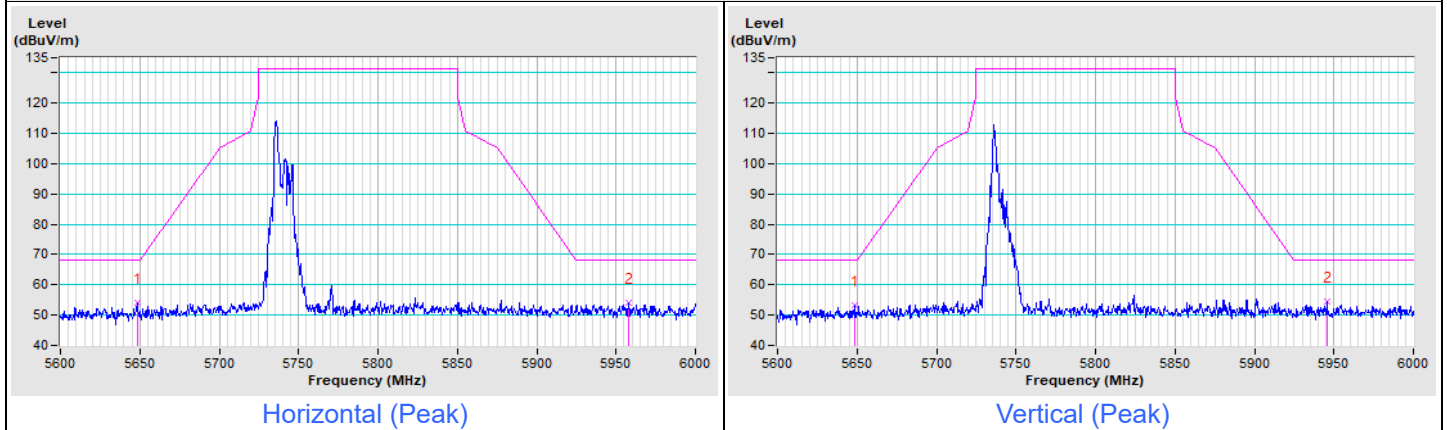
|                 |                     |                               |                                  |
|-----------------|---------------------|-------------------------------|----------------------------------|
| Frequency Range | 5.35 GHz ~ 5.95 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------|

20 MHz Preamble 802.11ax (RU26) Channel 144

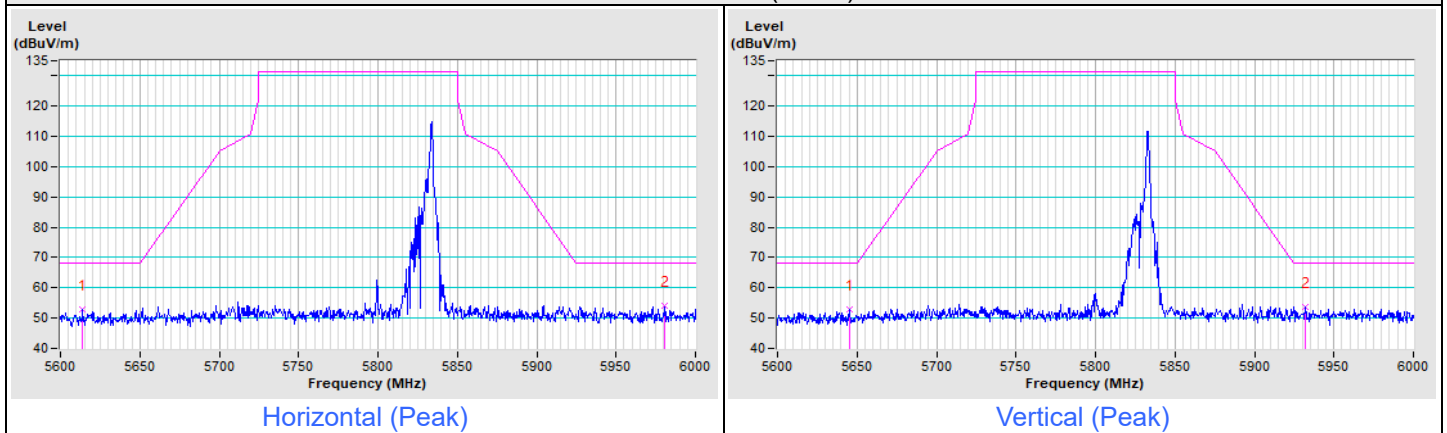


|                 |                 |                               |                                  |
|-----------------|-----------------|-------------------------------|----------------------------------|
| Frequency Range | 5.6 GHz ~ 6 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|-----------------|-------------------------------|----------------------------------|

20 MHz Preamble 802.11ax (RU26) Channel 149

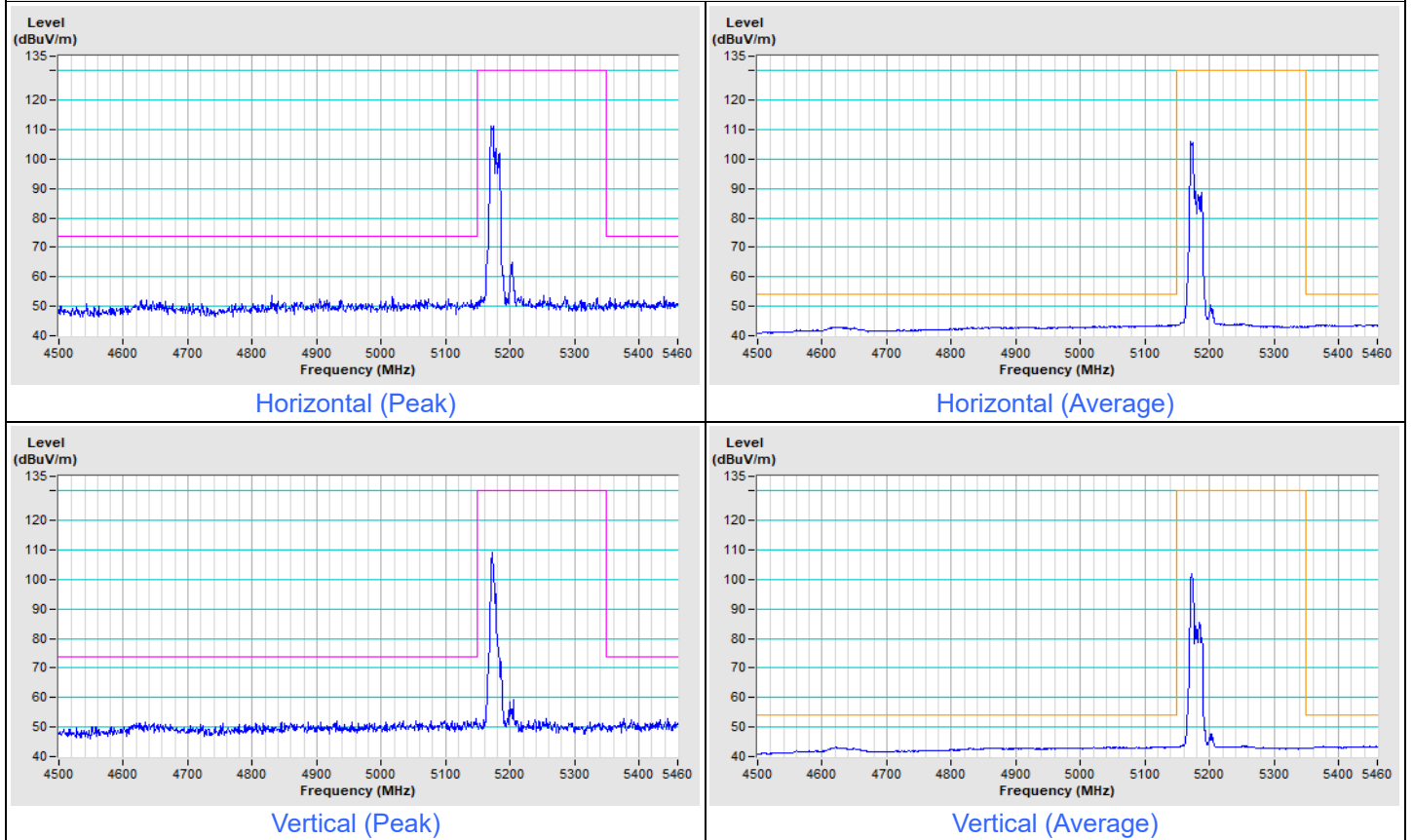


20 MHz Preamble 802.11ax (RU26) Channel 165

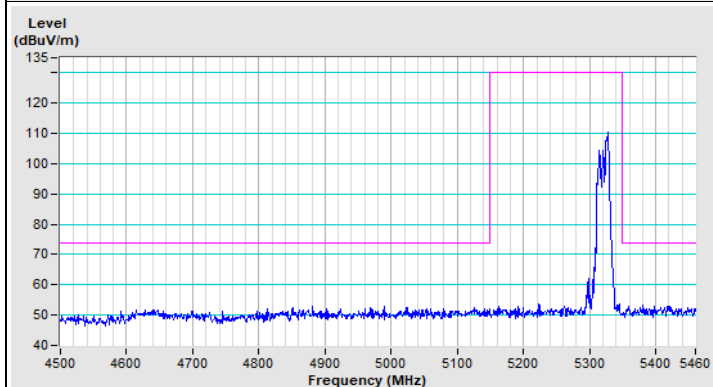


|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

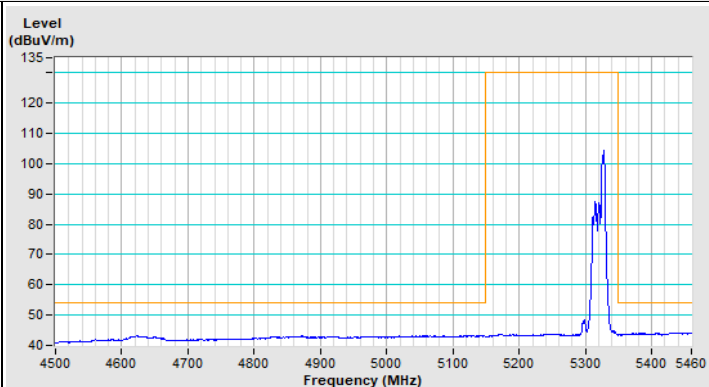
20 MHz Preamble 802.11ax (RU52) Channel 36



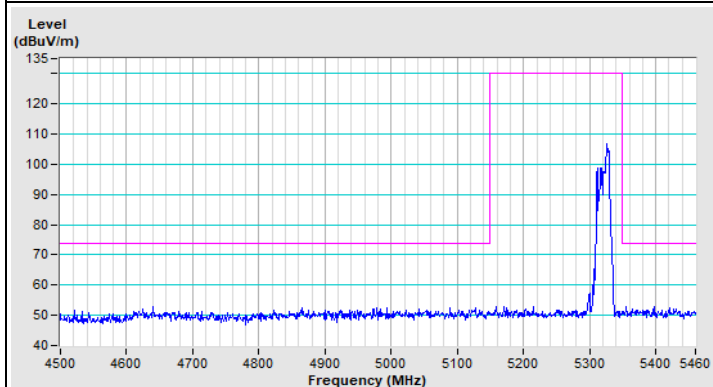
## 20 MHz Preamble 802.11ax (RU52) Channel 64



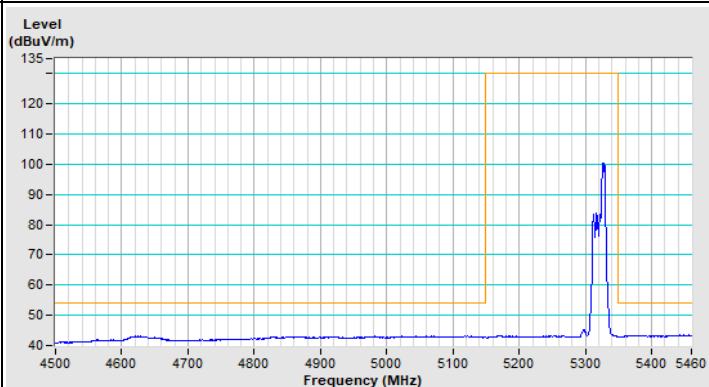
Horizontal (Peak)



Horizontal (Average)



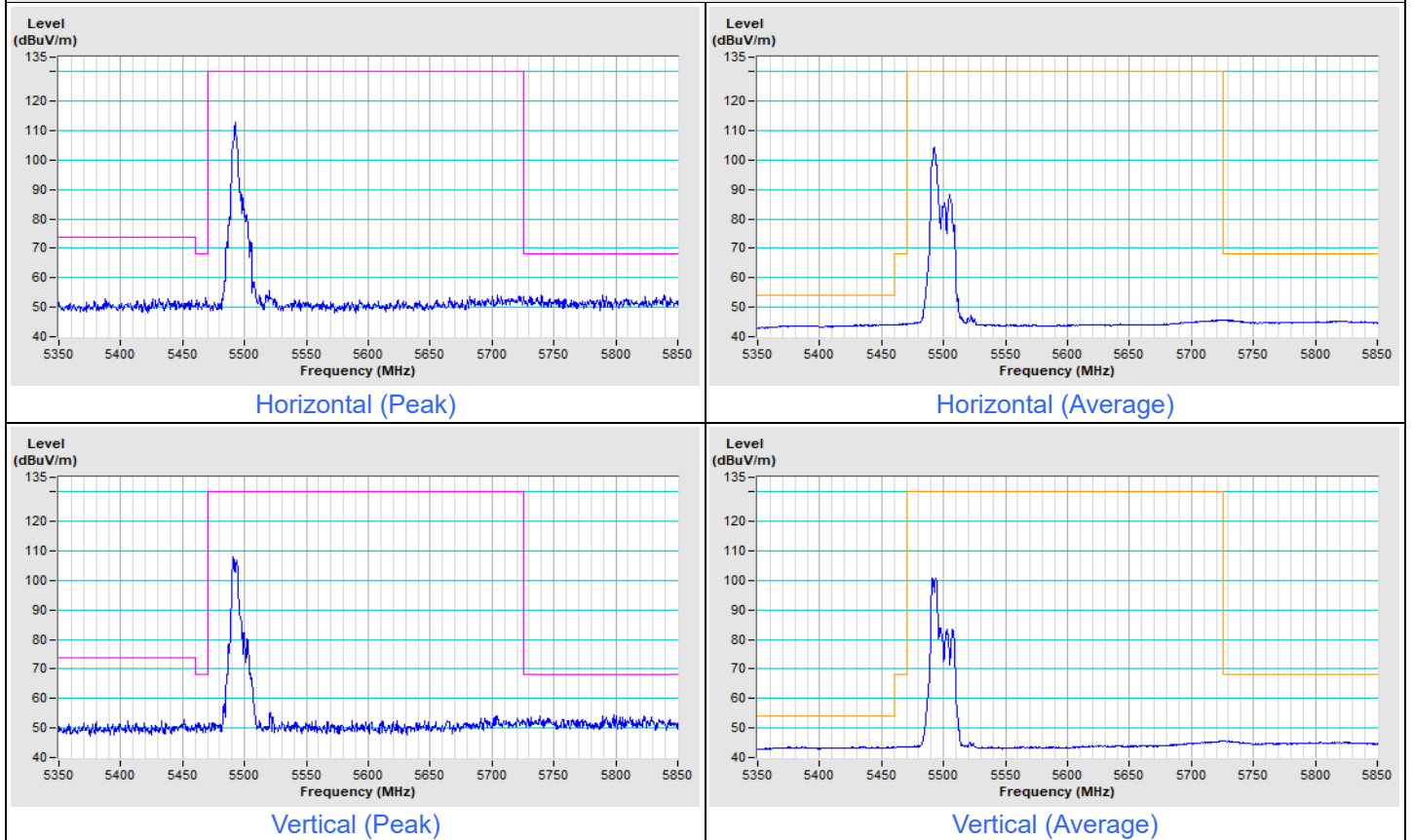
Vertical (Peak)



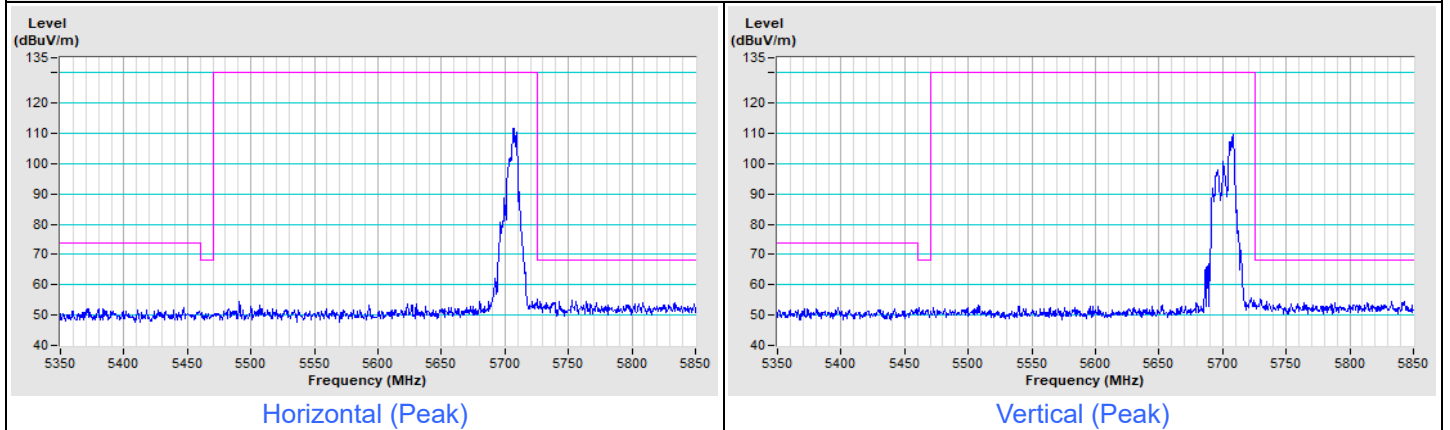
Vertical (Average)

|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

### 20 MHz Preamble 802.11ax (RU52) Channel 100



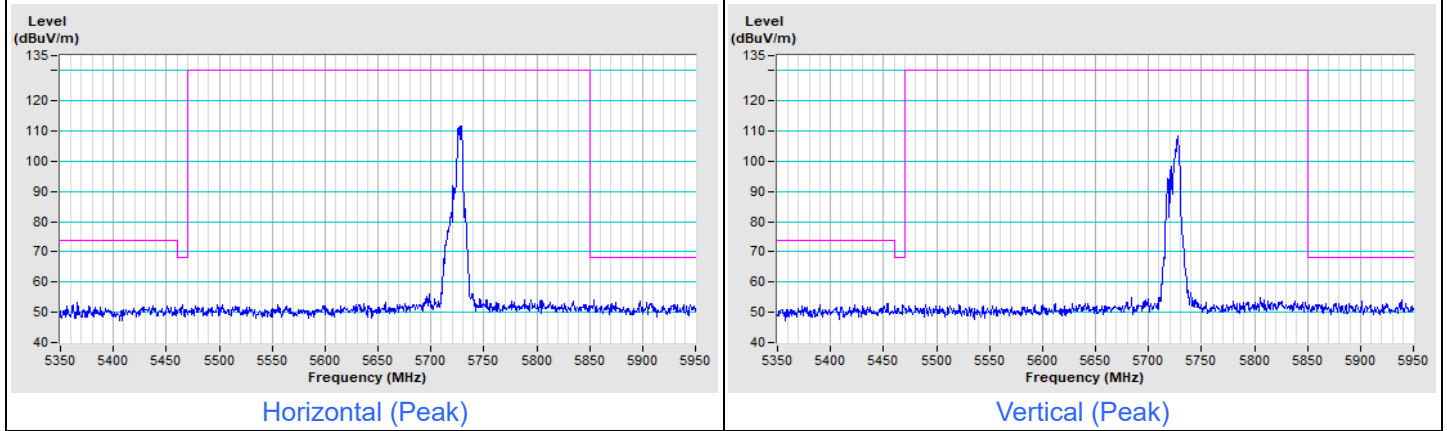
### 20 MHz Preamble 802.11ax (RU52) Channel 140





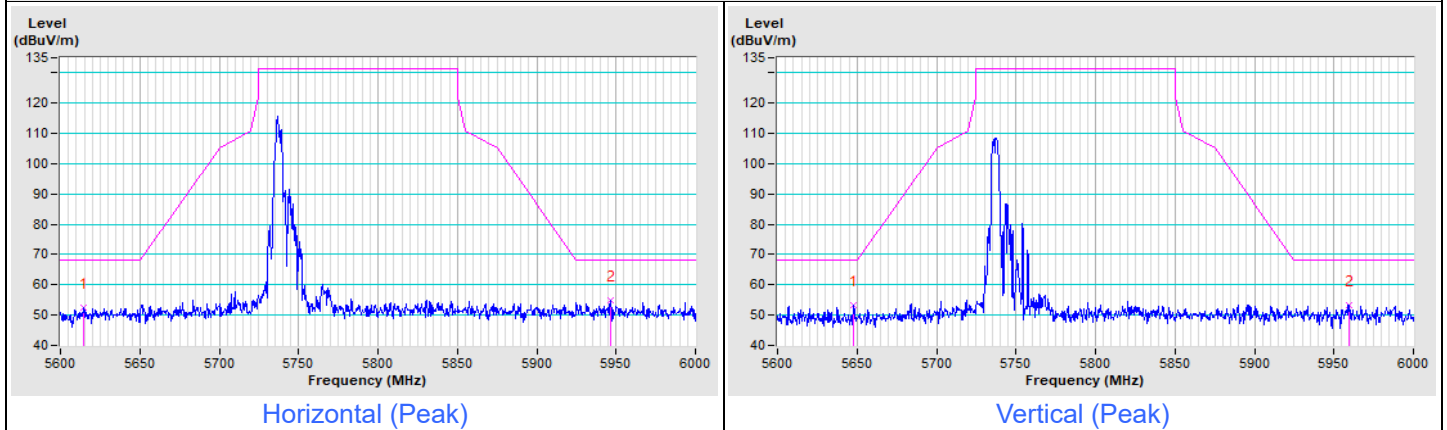
|                 |                     |                               |                                  |
|-----------------|---------------------|-------------------------------|----------------------------------|
| Frequency Range | 5.35 GHz ~ 5.95 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------|

20 MHz Preamble 802.11ax (RU52) Channel 144

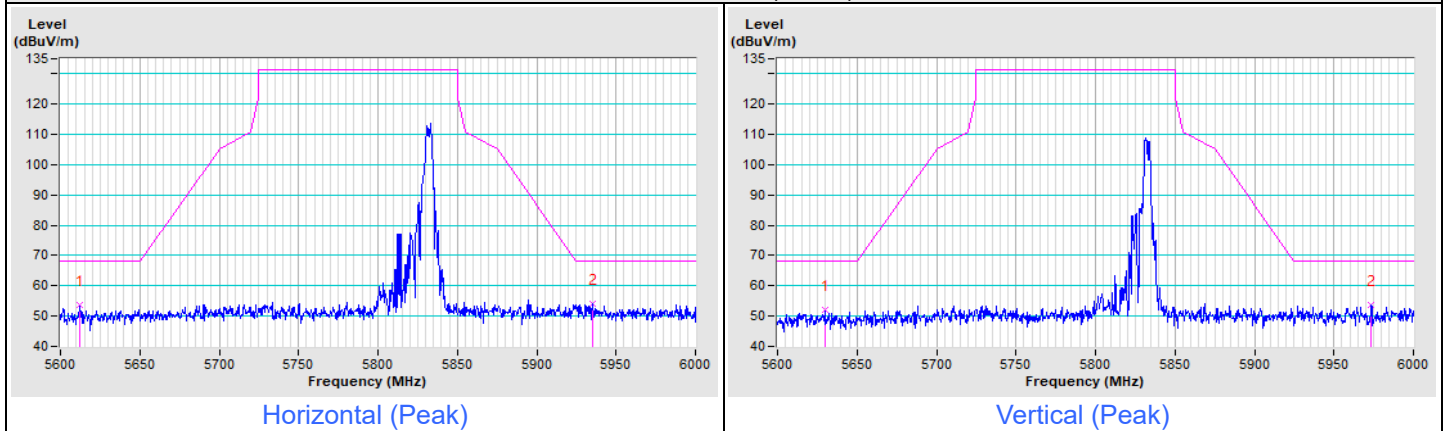


|                 |                 |                               |                                  |
|-----------------|-----------------|-------------------------------|----------------------------------|
| Frequency Range | 5.6 GHz ~ 6 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|-----------------|-------------------------------|----------------------------------|

20 MHz Preamble 802.11ax (RU52) Channel 149

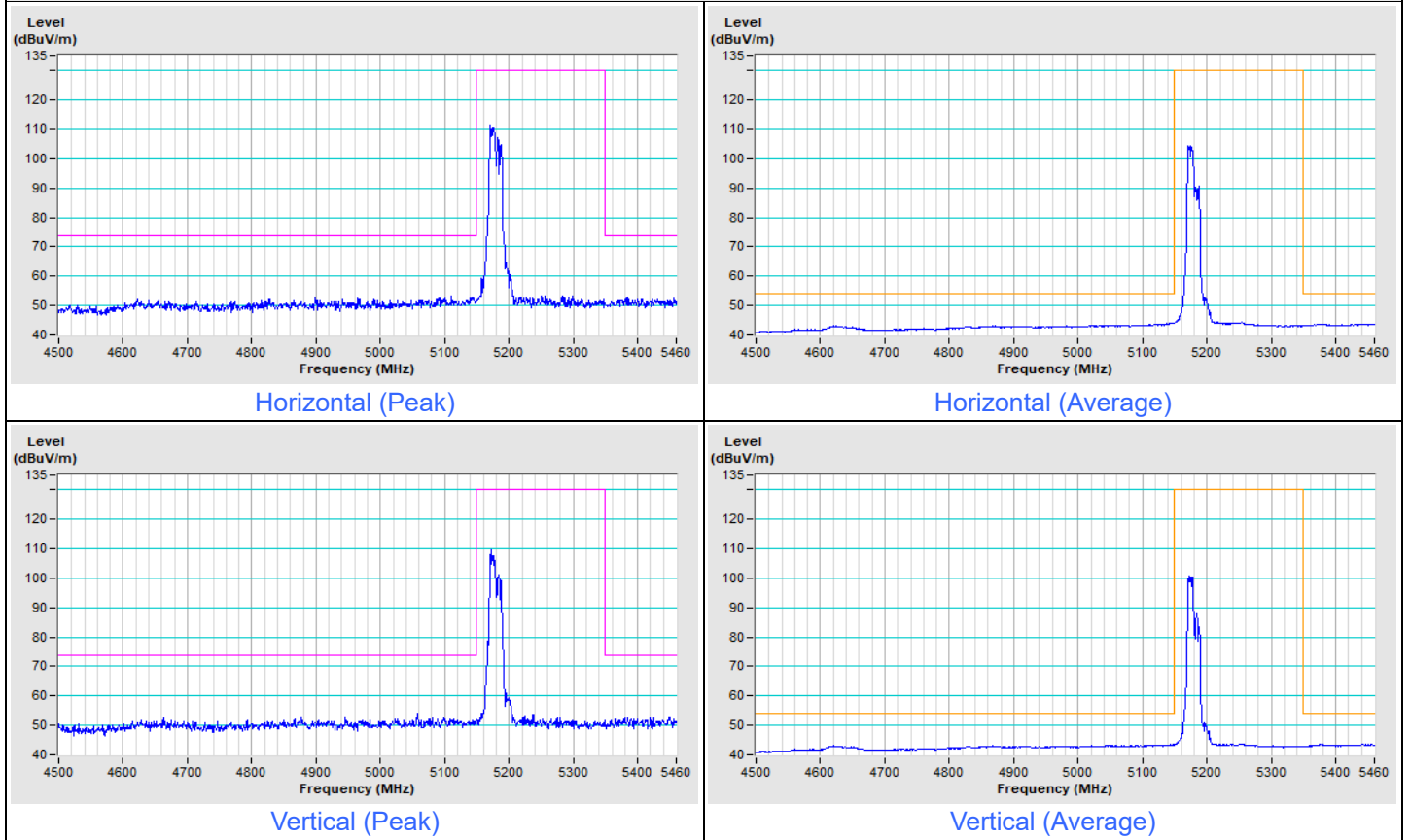


20 MHz Preamble 802.11ax (RU52) Channel 165

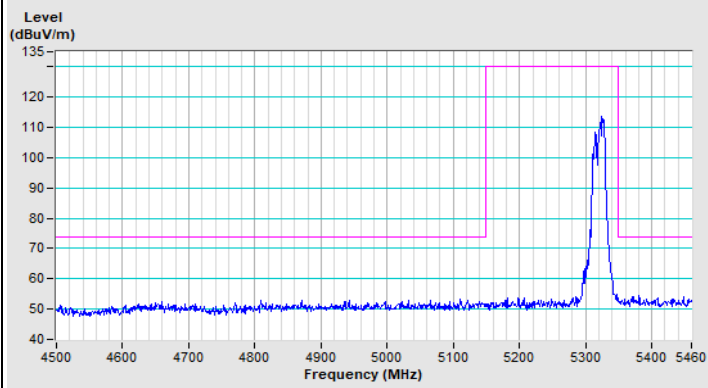


|                 |                    |                               |                                                                      |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 4.5 GHz ~ 5.46 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|--------------------|-------------------------------|----------------------------------------------------------------------|

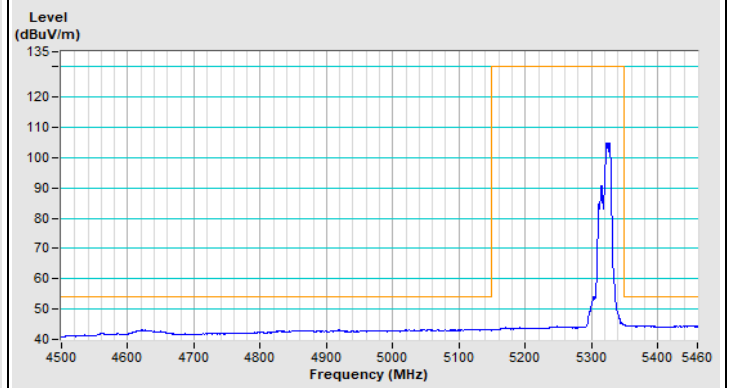
20 MHz Preamble 802.11ax (RU106) Channel 36



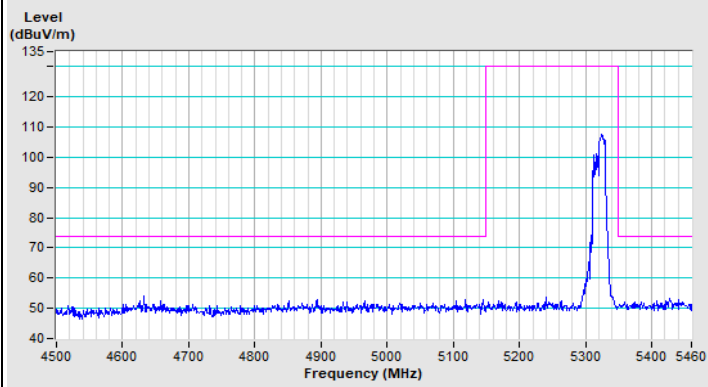
## 20 MHz Preamble 802.11ax (RU106) Channel 64



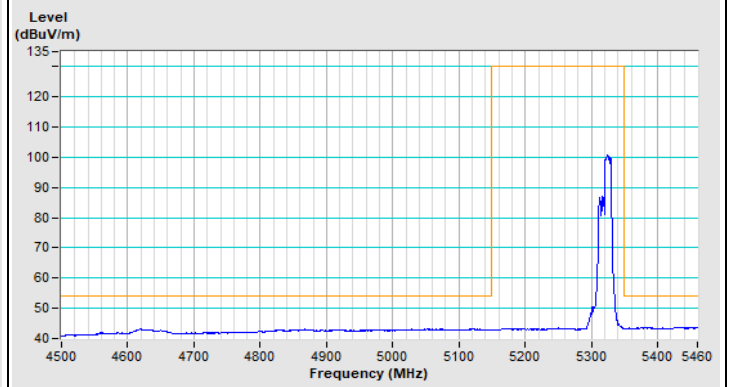
Horizontal (Peak)



Horizontal (Average)



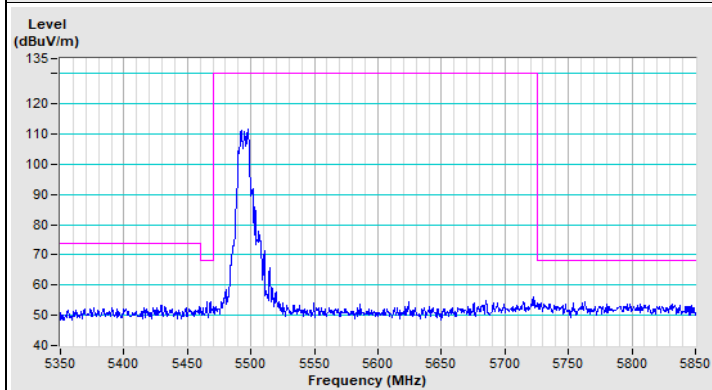
Vertical (Peak)



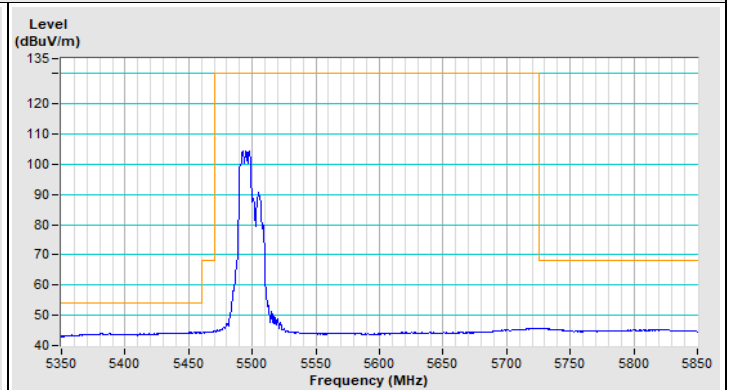
Vertical (Average)

|                 |                     |                               |                                                                      |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|
| Frequency Range | 5.35 GHz ~ 5.85 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak<br>AV: RB=1 MHz, VB=1 kHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------------------------------------------|

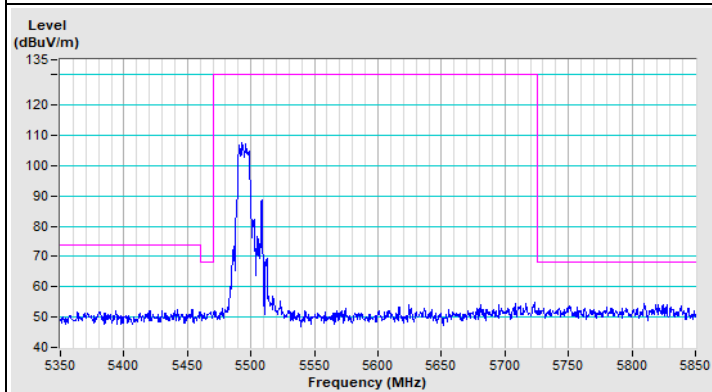
### 20 MHz Preamble 802.11ax (RU106) Channel 100



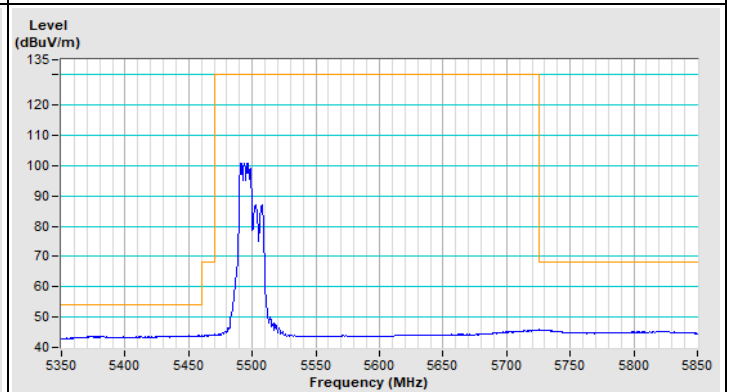
Horizontal (Peak)



Horizontal (Average)

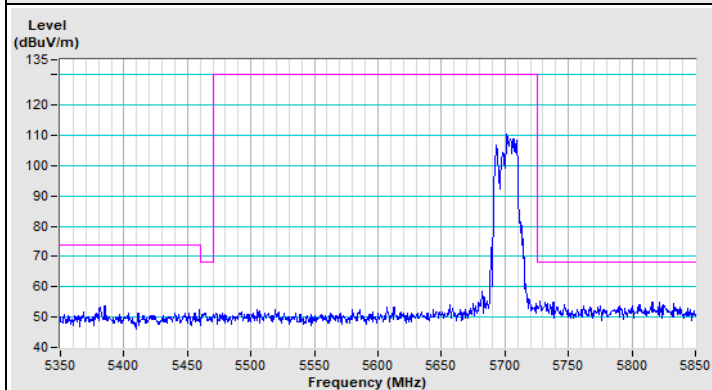


Vertical (Peak)

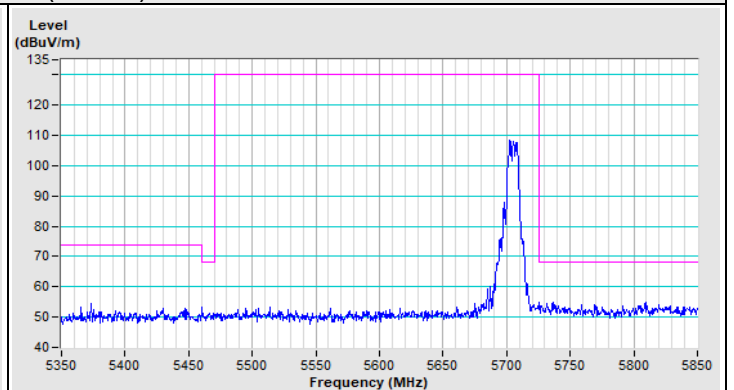


Vertical (Average)

### 20 MHz Preamble 802.11ax (RU106) Channel 140

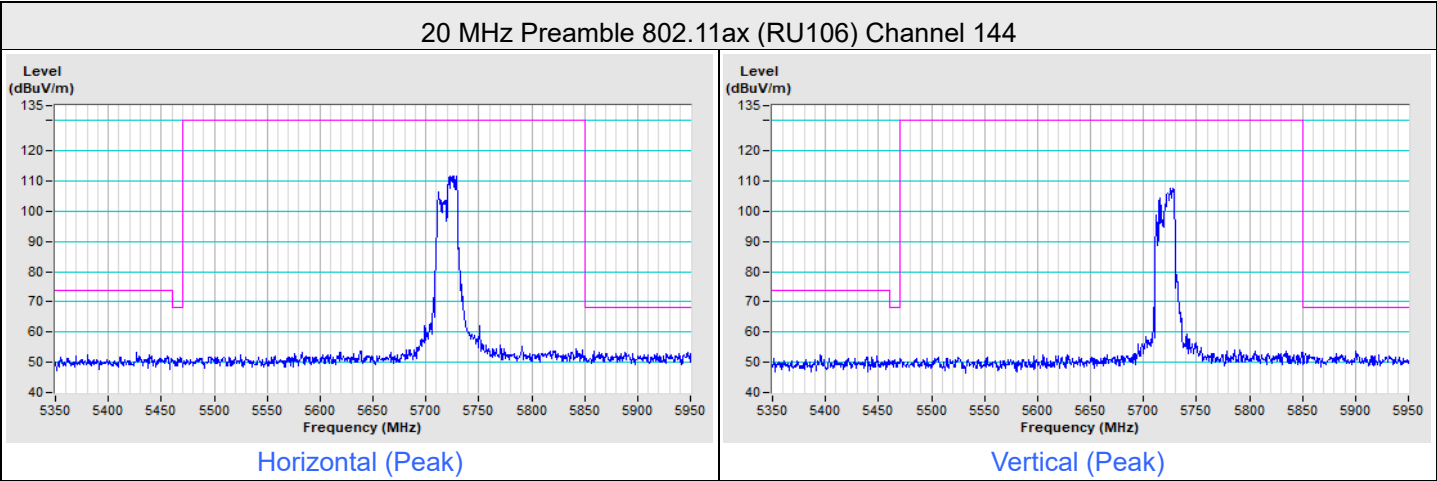


Horizontal (Peak)

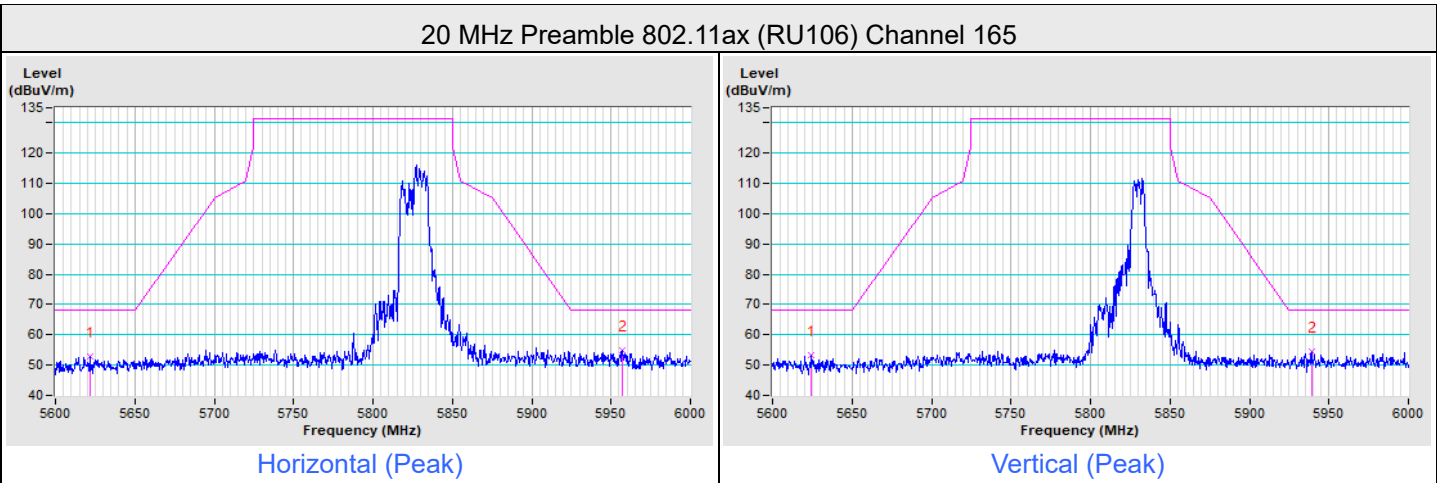
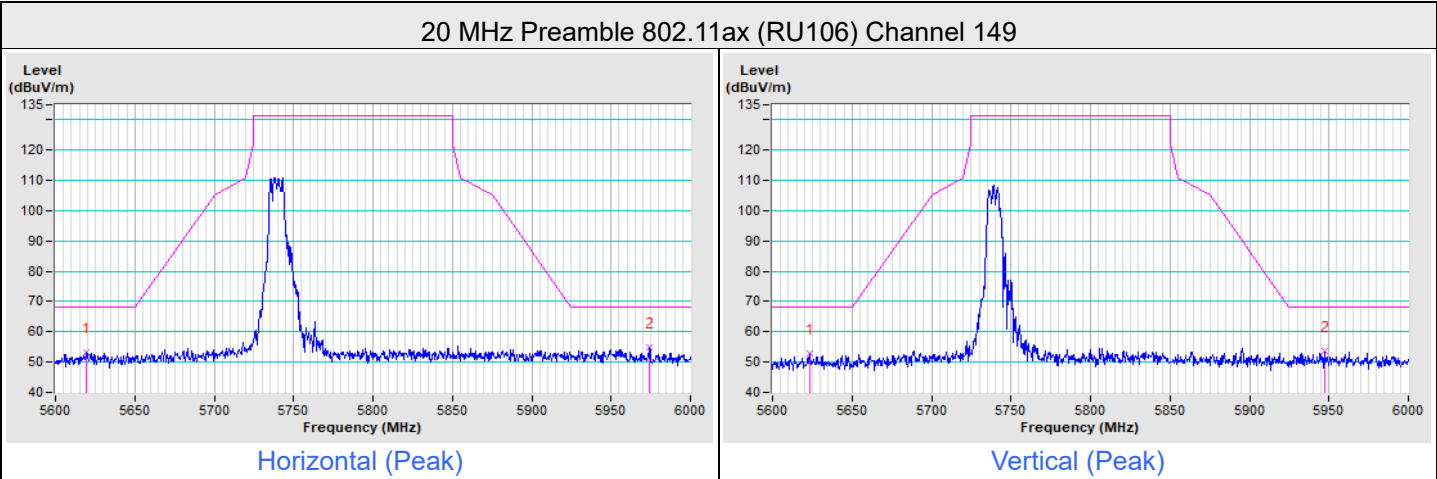


Vertical (Peak)

|                 |                     |                               |                                  |
|-----------------|---------------------|-------------------------------|----------------------------------|
| Frequency Range | 5.35 GHz ~ 5.95 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|---------------------|-------------------------------|----------------------------------|



|                 |                 |                               |                                  |
|-----------------|-----------------|-------------------------------|----------------------------------|
| Frequency Range | 5.6 GHz ~ 6 GHz | Detector Function & Bandwidth | PK: RB=1 MHz, VB=3 MHz, DET=Peak |
|-----------------|-----------------|-------------------------------|----------------------------------|



## 8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

## 9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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