# FCC RADIO TEST REPORT

| | | |
|---|---|---|
| **FCC ID** | : | **J9CQCARD7280P** |
| **Equipment** | : | **QCARD7280P** |
| **Brand Name** | : | **Qualcomm** |
| **Model Name** | : | **QCARD7280P-3** |
| **Applicant** | : | **Qualcomm Technologies, Inc.<br>5775 Morehouse Drive, San Diego, California 92121, United State** |
| **Manufacturer** | : | **Qualcomm Technologies, Inc.<br>5775 Morehouse Drive, San Diego, California 92121, United State** |
| **Standard** | : | **FCC Part 15 Subpart E §15.407** |

**The product was received on Jun. 29, 2022 and testing was performed from Aug. 23, 2022 to Nov. 03, 2022. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.**

**The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.**

Louis Wu

**Approved by: Louis Wu**

***Sporton International Inc. Wensan Laboratory***
*No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)*

# Table of Contents

**History of this test report** ..... **3**
**Summary of Test Result** ..... **4**
**1 General Description** ..... **5**
1.1 Product Feature of Equipment Under Test ..... 5
1.2 Modification of EUT ..... 6
1.3 Testing Location ..... 7
1.4 Applicable Standards ..... 7
**2 Test Configuration of Equipment Under Test** ..... **8**
2.1 Carrier Frequency and Channel ..... 8
2.2 Test Mode ..... 9
2.3 Connection Diagram of Test System ..... 11
2.4 Support Unit used in test configuration and system ..... 11
2.5 EUT Operation Test Setup ..... 11
2.6 Measurement Results Explanation Example ..... 12
**3 Test Result** ..... **13**
3.1 26dB & 99% Occupied Bandwidth Measurement ..... 13
3.2 Maximum Conducted Output Power Measurement ..... 17
3.3 Power Spectral Density Measurement ..... 19
3.4 Unwanted Emissions Measurement ..... 26
3.5 Antenna Requirements ..... 31
**4 List of Measuring Equipment** ..... **32**
**5 Uncertainty of Evaluation** ..... **34**
**Appendix A. Conducted Test Results**
**Appendix B. Conducted Spurious Emission**
**Appendix C. Conducted Spurious Emission Plots**
**Appendix D. Cabinet Radiated Spurious Emission**
**Appendix E. Cabinet Radiated Spurious Emission Plots**
**Appendix F. Radiated Spurious Emission**
**Appendix G. Radiated Spurious Emission Plots**
**Appendix H. Duty Cycle Plots**
**Appendix I. Setup Photographs**

# History of this test report

| Report No. | Version | Description | Issue Date |
|---|---|---|---|
| FR1N1011-01D | 01 | Initial issue of report | Jan. 06, 2023 |
| FR1N1011-01D | 02 | Revise Appendix B, C, D and F | Feb. 07, 2023 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

# Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---|---|---|---|---|
| 3.1 | 15.403(i) | 26dB Bandwidth | Pass | - |
| 3.1 | 2.1049 | 99% Occupied Bandwidth | Reporting only | - |
| 3.2 | 15.407(a) | Maximum Conducted Output Power | Pass | - |
| 3.3 | 15.407(a) | Power Spectral Density | Pass | - |
| 3.4 | 15.407(b) | Unwanted Emissions | Pass | 0.14 dB under the limit at 7583.000 MHz |
| - | 15.207 | AC Conducted Emission | Not Required | - |
| 3.5 | 15.203<br>15.407(a) | Antenna Requirement | Pass | - |

**Note:** Not required means after assessing, test items are not necessary to carry out.

| **Declaration of Conformity:** |
|---|
| 1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.<br>It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.<br>2. The measurement uncertainty please refer to report "Uncertainty of Evaluation". |
| **Comments and Explanations:** |
| The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity. |

**Reviewed by: Avis Chuang**

**Report Producer: Michelle Chen**

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, and Wi-Fi 6GHz 802.11a/n/ac/ax.

| Antenna Information | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Antenna Set | RF Chain No. | Brand | Model | Antenna Net Gain (dBi) | Frequency Range (MHz) | Ant. Type | Connector Type | Cable Length (mm) |
| A | Chain0/1 | HONG BO | 260-25094 | 3.53 | 2.4~2.4835 GHz | PIFA | i-pex (MHF 4L) | 300mm |
| | | | | 3.06 | 5.15~5.25 GHz | | | |
| | | | | 3.07 | 5.25~5.35 GHz | | | |
| | | | | 4.81 | 5.47~5.725 GHz | | | |
| | | | | 4.2 | 5.725~5.850 GHz | | | |
| B | Chain0/1 | HONG BO | 260-25083 | 5.09 | 5.850~5.895 GHz | PIFA | i-pex (MHF 4L) | 300mm |
| | | | | 5.14 | 5.925~6.425 GHz | | | |
| | | | | 5.09 | 6.425~6.525 GHz | | | |
| | | | | 5.16 | 6.525~6.875 GHz | | | |
| | | | | 5.12 | 6.875~7.125 GHz | | | |
| C | Chain0/1 | HONG BO | 260-25084 | 3.22 | 2.4~2.4835 GHz | Monopole | i-pex (MHF 4L) | 200mm |
| | | | | 3.35 | 5.15~5.25 GHz | | | |
| | | | | 3.42 | 5.25~5.35 GHz | | | |
| | | | | 4.77 | 5.47~5.725 GHz | | | |
| | | | | 4.72 | 5.725~5.850 GHz | | | |
| | | | | 4.71 | 5.850~5.895 GHz | | | |
| | | | | 4.75 | 5.925~6.425 GHz | | | |
| | | | | 4.29 | 6.425~6.525 GHz | | | |
| | | | | 4.81 | 6.525~6.875 GHz | | | |
| | | | | 4.74 | 6.875~7.125 GHz | | | |

**Remark:**

1. Ant. 5 means Chain 0 and Ant. 4 means Chain 1.
2. The maximum gain was chosen for test.
3. The EUT's information above is declared by manufacturer. Please refer to Comments and Explanations in report summary.

### 1.1.1 Antenna Directional Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

The directional gain calculated as

$$DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

*where*

Each antenna is driven by no more than one spatial stream;
$N_{SS}$ = the number of independent spatial streams of data;
$N_{ANT}$ = the total number of antennas
$g_{j,k} = 10^{G_k / 20}$ if the $k$th antenna is being fed by spatial stream $j$, or zero if it is not;
$G_k$ is the gain in dBi of the kth antenna.

The EUT supports beamforming for 802.11ac and 11ax modes.

The directional gain calculation is following F)2)e)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

| | Ant. 5 (dBi) | Ant. 4 (dBi) | DG for Power (dBi) | DG for PSD (dBi) | Power Limit Reduction (dB) | PSD Limit Reduction (dB) |
|---|---|---|---|---|---|---|
| **Band I** | 3.35 | 3.35 | 6.36 | 6.36 | 0.36 | 0.36 |
| **Band II** | 3.42 | 3.42 | 6.43 | 6.43 | 0.43 | 0.43 |
| **Band III** | 4.81 | 4.81 | 7.82 | 7.82 | 1.82 | 1.82 |

*Power limit reduction = Composite gain – 6dBi, ( min = 0 )*

*PSD limit reduction = Composite gain + PSD Array gain – 6dBi, ( min = 0 )*

Calculation example:
The DG for PSD is derived from formula is
10 x log { { [ 10^ (3.35 dBi / 20) + 10^ (3.35 dBi / 20) ] ^ 2 } / 2 }
= 6.36 dBi

## 1.2 Modification of EUT

No modifications made to the EUT during the testing.

## 1.3 Testing Location

| | |
|---|---|
| **Test Site** | Sporton International Inc. Wensan Laboratory |
| **Test Site Location** | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| **Test Site No.** | **Sporton Site No.** |
| | TH05-HY, 03CH16-HY |

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

FCC designation No.: TW3786

## 1.4 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

**Remark:**

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

# 2 Test Configuration of Equipment Under Test

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

## 2.1 Carrier Frequency and Channel

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

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

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

| Frequency Band | Channel | Freq. (MHz) |
|---|---|---|
| 5150-5350 MHz | 50@ | 5250 |
| 5470-5725 MHz | 114@ | 5570 |

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

| Frequency Band | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|---|---|---|---|---|
| Straddle Channel | 138# | 5690 | 144 | 5720 |
| | 142* | 5710 | | |

**Note:**

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160 and 802.11ax HE160.

## 2.2 Test Mode

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

The 802.11n/ac mode has no higher power and PSD than 802.11ax mode, thus the 802.11ax mode is chosen as main test configuration, and the 802.11n/ac mode is verified the power.

**The final test modes include the worst data rates for each modulation shown in the table below.**

**MIMO Mode**

| Modulation | Data Rate |
|---|---|
| **802.11a** | **6 Mbps** |
| **802.11n HT20 (Covered by HE20)** | **MCS0** |
| **802.11n HT40 (Covered by HE40)** | **MCS0** |
| **802.11ac VHT20 (Covered by HE20)** | **MCS0** |
| **802.11ac VHT40 (Covered by HE40)** | **MCS0** |
| **802.11ac VHT80 (Covered by HE80)** | **MCS0** |
| **802.11ac VHT160 (Covered by HE160)** | **MCS0** |
| **802.11ax HE20** | **MCS0** |
| **802.11ax HE40** | **MCS0** |
| **802.11ax HE80** | **MCS0** |
| **802.11ax HE160** | **MCS0** |

**Remark:** The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

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

| Ch. # | | Band I：5150-5250 MHz | Band II：5250-5350 MHz | Band III：5470-5725MHz |
|---|---|---|---|---|
| | | 802.11ax HE20 | 802.11ax HE20 | 802.11ax HE20 |
| L | Low | 36 | 52 | 100 |
| M | Middle | 44 | 60 | 116 |
| H | High | 48 | 64 | 140 |
| Straddle | | - | - | 144 |

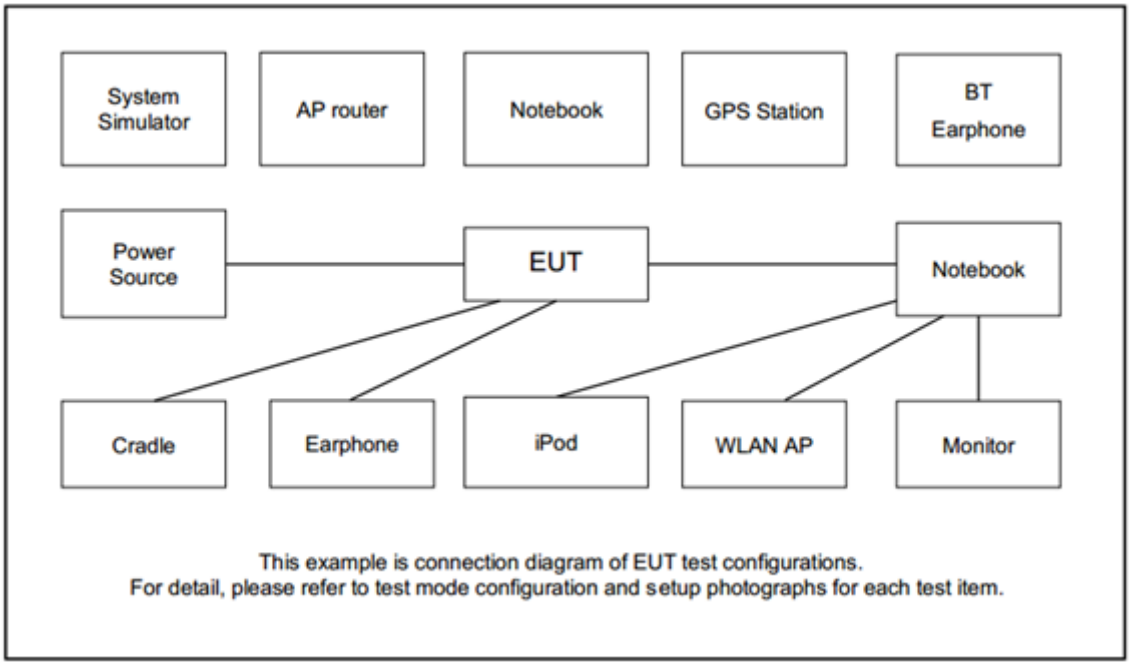
| Ch. # | | Band I：5150-5250 MHz | Band II：5250-5350 MHz | Band III：5470-5725MHz |
|---|---|---|---|---|
| | | 802.11ax HE40 | 802.11ax HE40 | 802.11ax HE40 |
| L | Low | 38 | 54 | 102 |
| M | Middle | - | - | 110 |
| H | High | 46 | 62 | 134 |
| Straddle | | - | - | 142 |

| Ch. # | | Band I：5150-5250 MHz | Band II：5250-5350 MHz | Band III：5470-5725MHz |
|---|---|---|---|---|
| | | 802.11ax HE80 | 802.11ax HE80 | 802.11ax HE80 |
| L | Low | - | - | 106 |
| M | Middle | 42 | 58 | - |
| H | High | - | - | 122 |
| Straddle | | - | - | 138 |

| BW160 | 5150-5350 MHz | 5470-5725MHz |
|---|---|---|
| | 802.11ax HE160 | 802.11ax HE160 |
| Ch. # | 50 | 114 |

**Remark:** For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

## 2.3 Connection Diagram of Test System




## 2.4 Support Unit used in test configuration and system

| Item | Equipment | Brand Name | Model Name | FCC ID | Data Cable | Power Cord |
|---|---|---|---|---|---|---|
| 1. | Fixture | Qualcomm | 20-33568-H1 | N/A | N/A | N/A |

## 2.5 EUT Operation Test Setup

The RF test items, utility “QRCT v4.0.00195.0” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

## 2.6 Measurement Results Explanation Example

**For all conducted test items:**

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

Example :
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
*Offset = RF cable loss + attenuator factor.*
Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

*Offset(dB) = RF cable loss(dB) + attenuator factor(dB).*
= 4.2 + 10 = 14.2 (dB)

# 3 Test Result

## 3.1 26dB & 99% Occupied Bandwidth Measurement

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

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

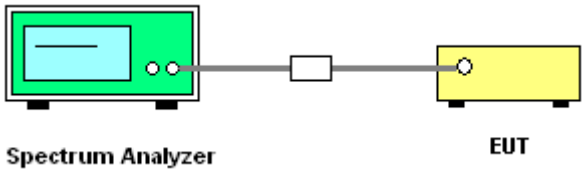
### 3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.1.3 Test Procedures

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

### 3.1.4 Test Setup

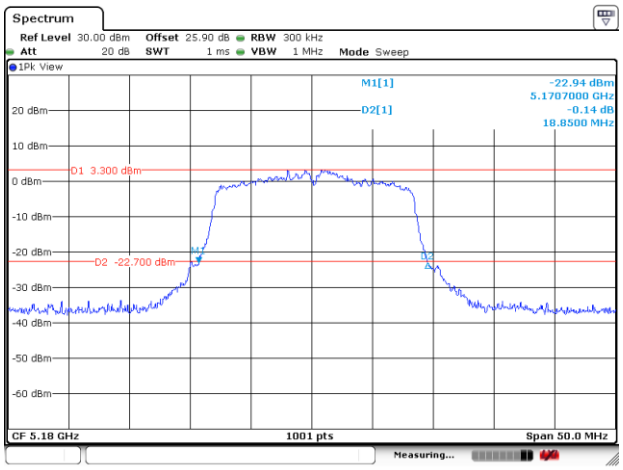
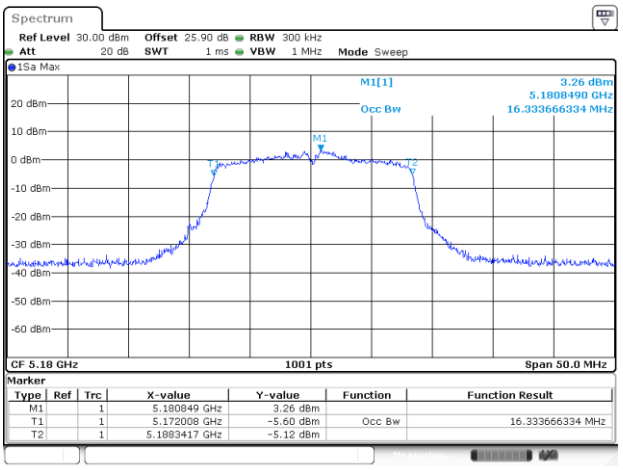



### 3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

**MIMO <Ant. 5+4>**

**<802.11a>**

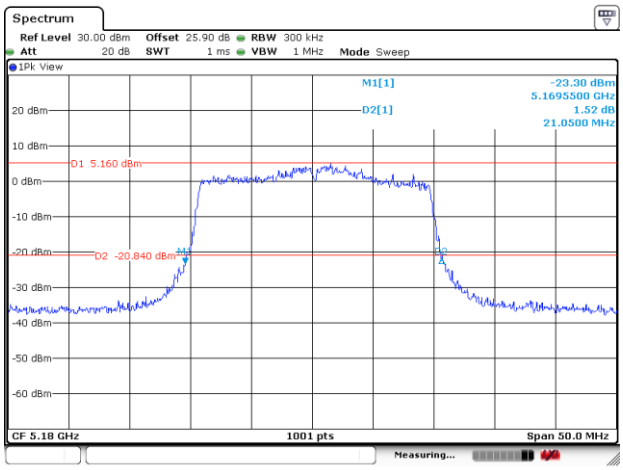
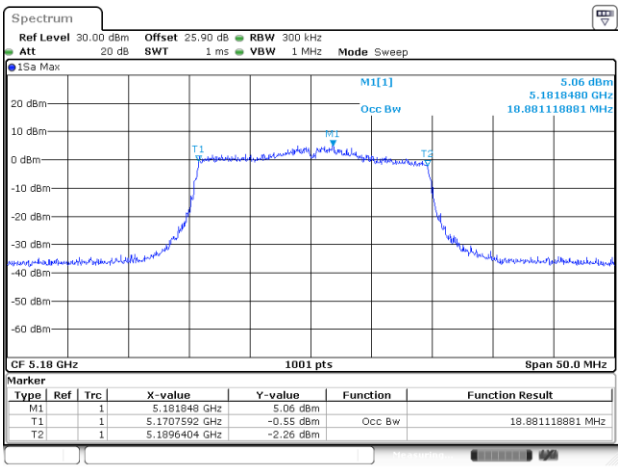
| 26dB Bandwidth | 99% Occupied Bandwidth |
|---|---|
|  |  |





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

**<802.11ax HE20>**

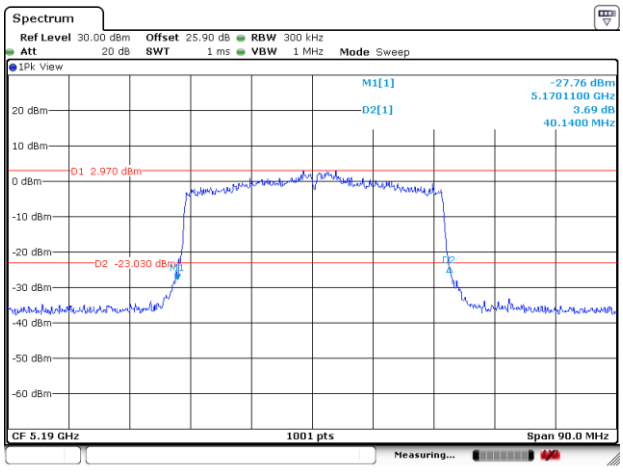
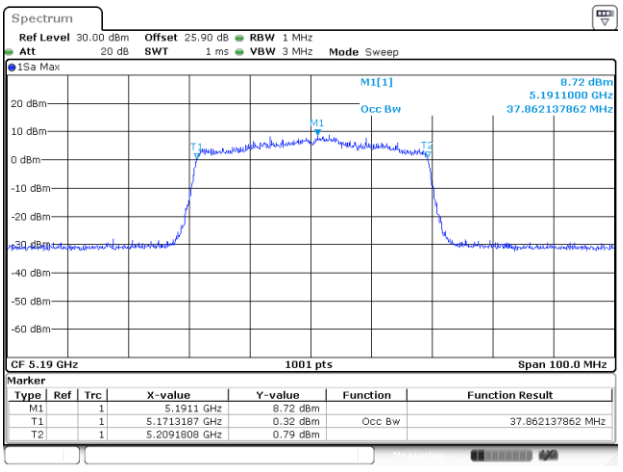
| 26dB Bandwidth | 99% Occupied Bandwidth |
|---|---|
|  |  |





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

**<802.11ax HE40>**

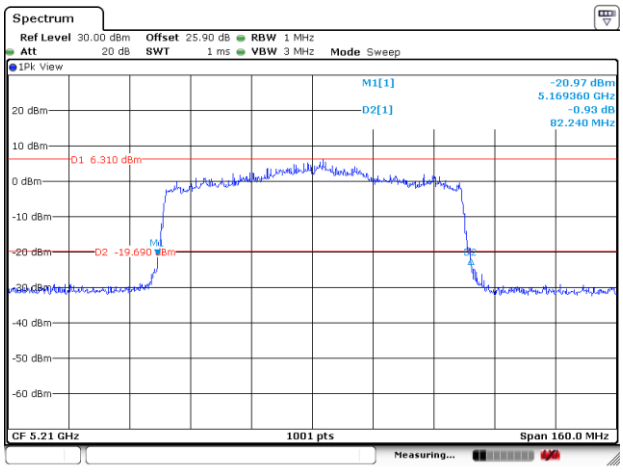
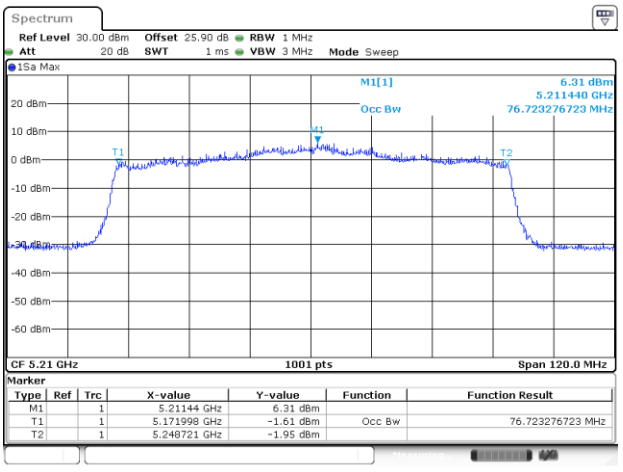
| 26dB Bandwidth | 99% Occupied Bandwidth |
|---|---|
|  |  |





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

**<802.11ax HE80>**

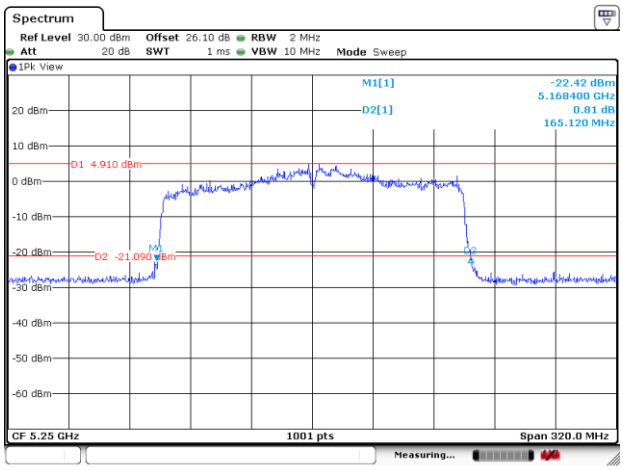
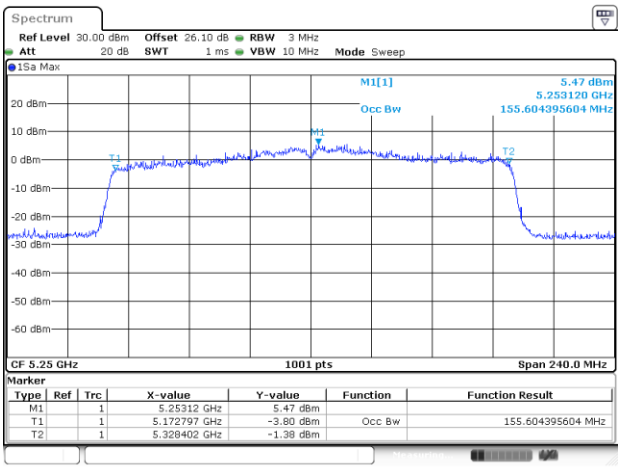
| 26dB Bandwidth | 99% Occupied Bandwidth |
|---|---|
|  |  |





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

**<802.11ax HE160>**

| 26dB Bandwidth | 99% Occupied Bandwidth |
|---|---|
|  |  |





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

# 3.2 Maximum Conducted Output Power Measurement

## 3.2.1 Limit of Maximum Conducted Output Power

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

**For the 5.15–5.25 GHz bands:**

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

**For the 5.25–5.725 GHz bands:**

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

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

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

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

## 3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.2.3 Test Procedures

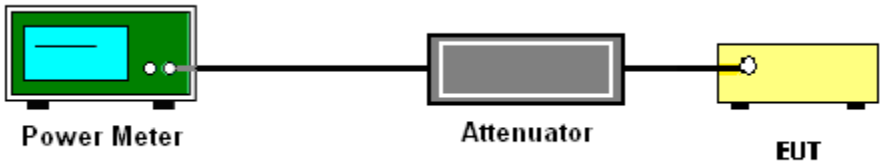
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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

### 3.2.4 Test Setup




### 3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

# 3.3 Power Spectral Density Measurement

## 3.3.1 Limit of Power Spectral Density

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

**For the 5.15–5.25 GHz bands:**

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

**For the 5.25–5.725 GHz bands:**

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

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

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

## 3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

**# Method SA-2 #**

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

   Method (a): Measure and sum the spectra across the outputs.

   The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

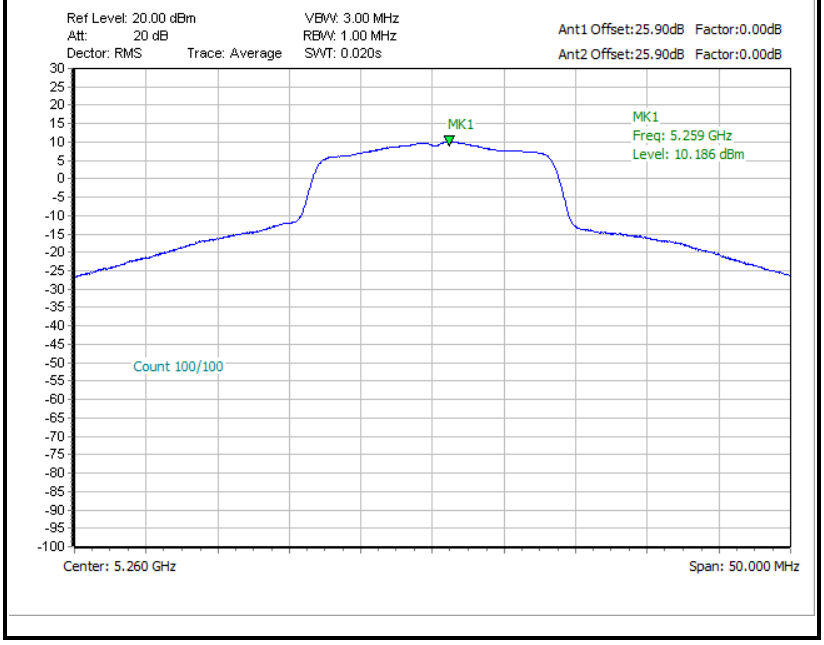
### 3.3.4 Test Setup


### 3.3.5 Test Result of Power Spectral Density

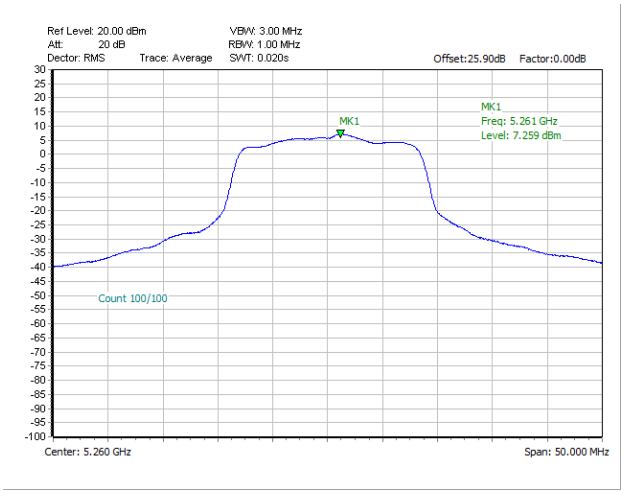
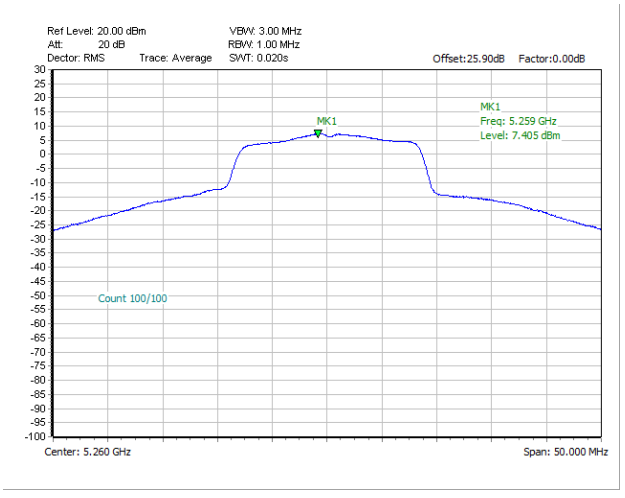
Please refer to Appendix A.

**<802.11a>**

| Maximum Power Density Plot (dBm/MHz) |
|---|
| MIMO <Ant. 5+4> |

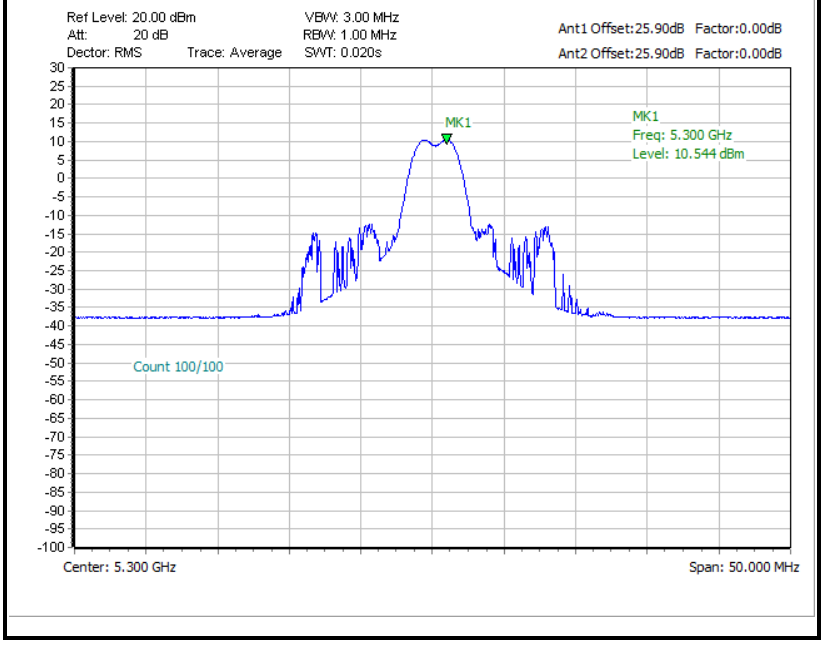



**Remark:** The test plot is showing a bin by bin combined result mathematically adds two traces.

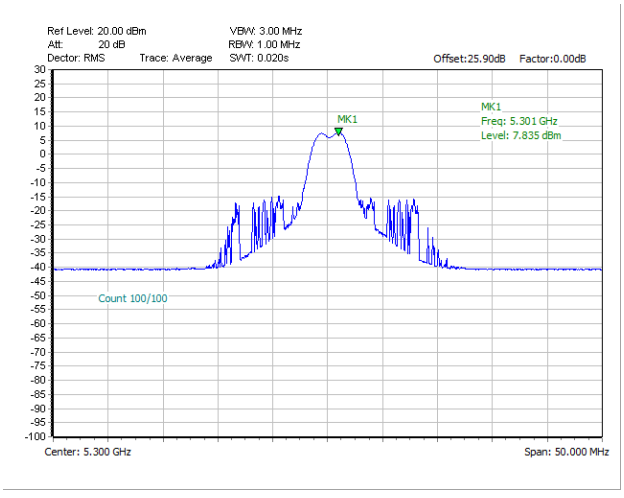
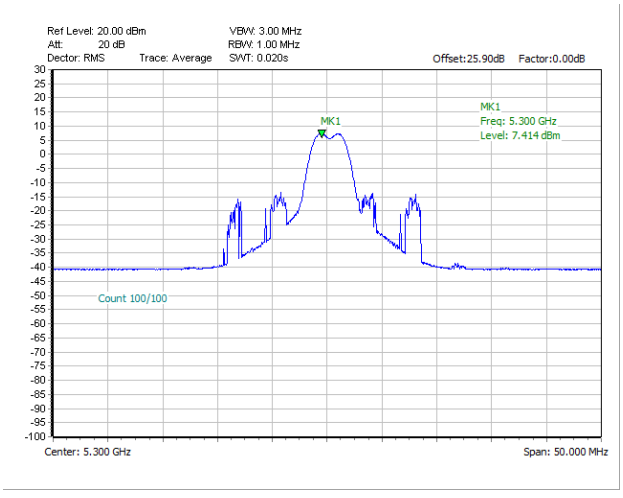
| Maximum Power Density Plot Trace 1 (Ant 5) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

**<802.11ax HE20>**

| Maximum Power Density Plot (dBm/MHz) |
|---|
| MIMO <Ant. 5+4> |

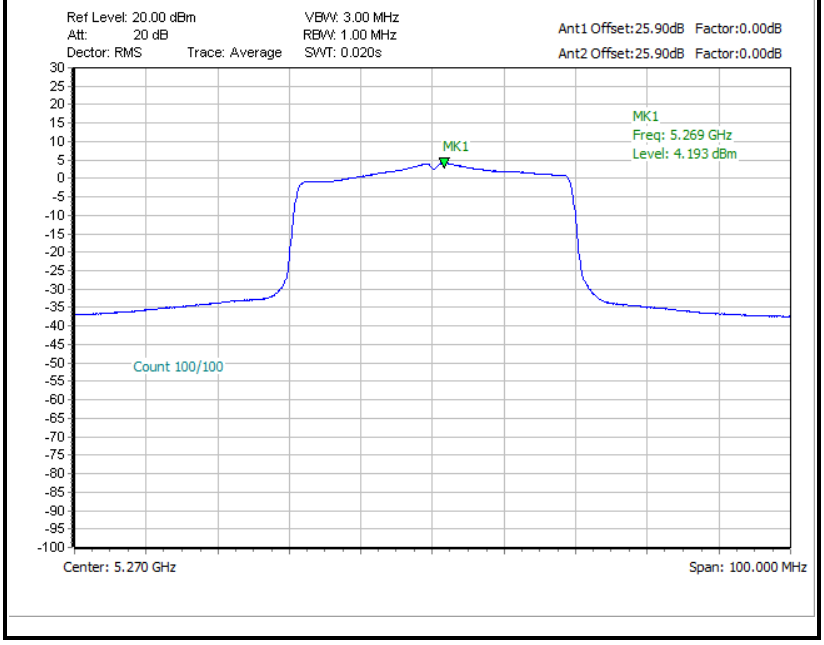



**Remark:** The test plot is showing a bin by bin combined result mathematically adds two traces.

| Maximum Power Density Plot Trace 1 (Ant 5) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

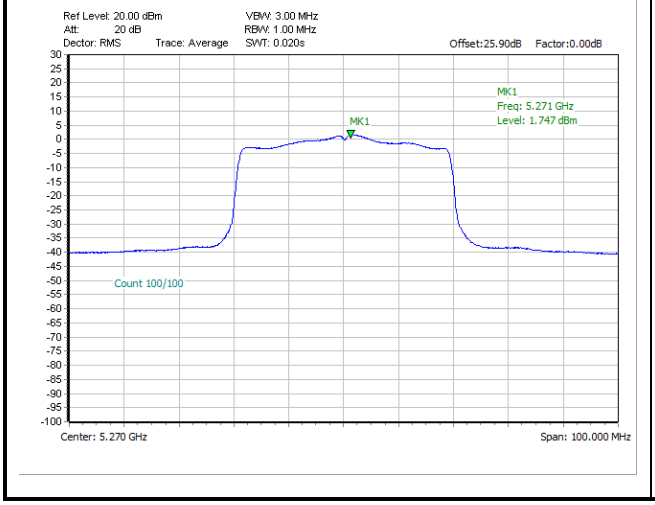
**<802.11ax HE40>**

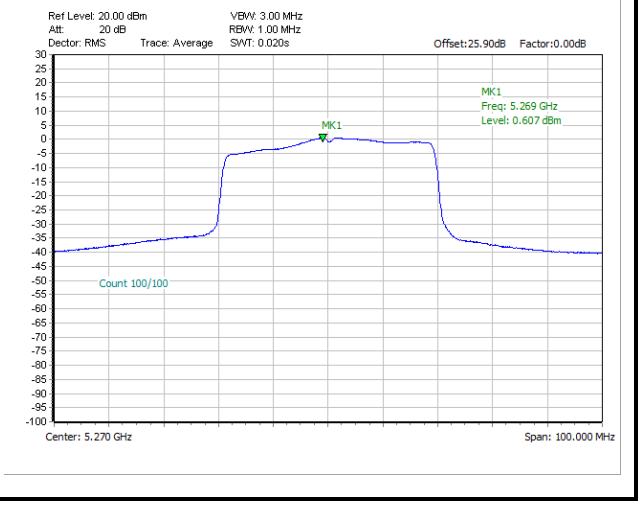
| Maximum Power Density Plot (dBm/MHz) |
|---|
| MIMO <Ant. 5+4> |




**Remark:** The test plot is showing a bin by bin combined result mathematically adds two traces.

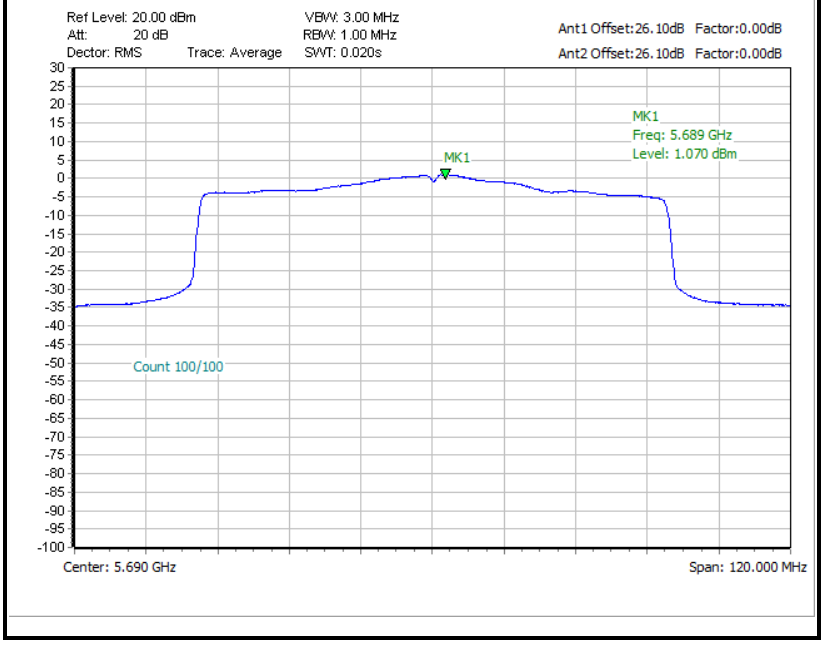
| Maximum Power Density Plot Trace 1 (Ant 5) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|



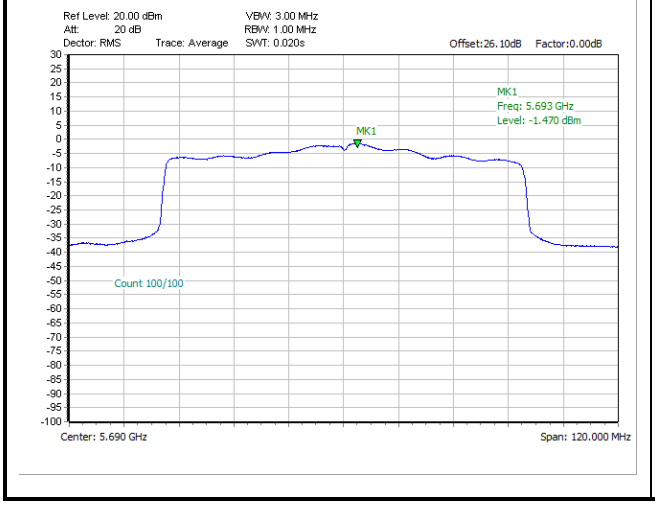
**<802.11ax HE80>**

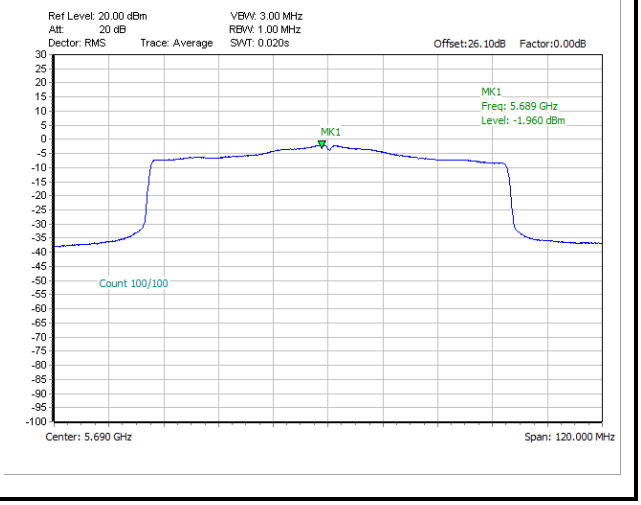
| Maximum Power Density Plot (dBm/MHz) |
|---|
| MIMO <Ant. 5+4> |




**Remark:** The test plot is showing a bin by bin combined result mathematically adds two traces.

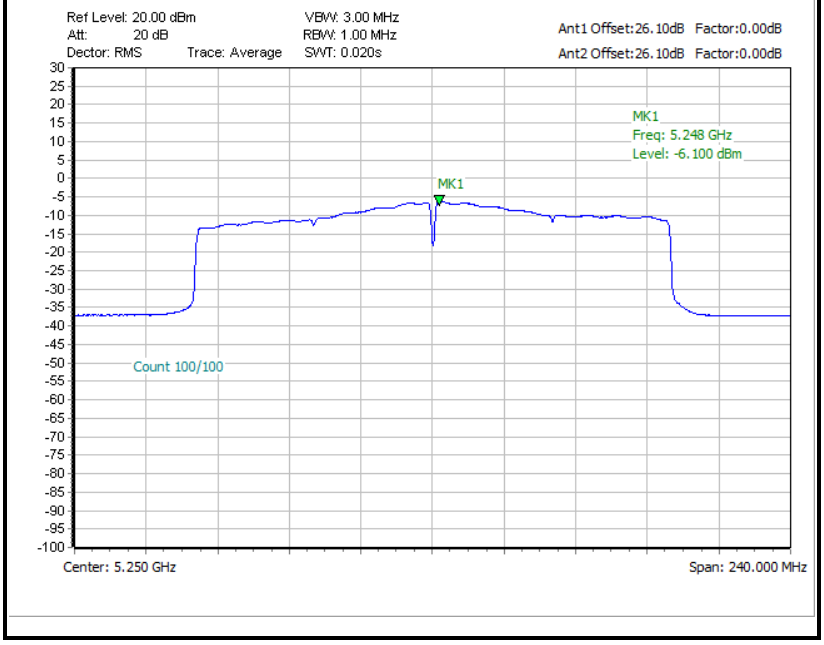
| Maximum Power Density Plot Trace 1 (Ant 5) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|



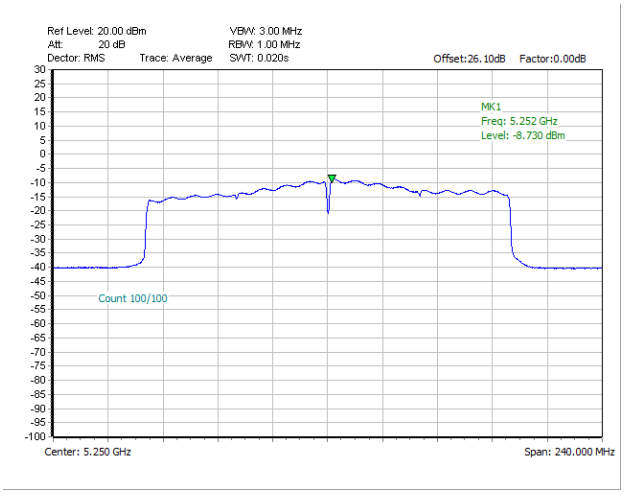
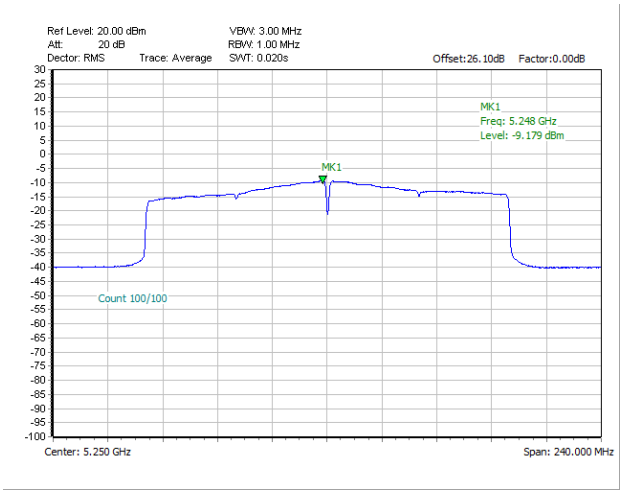



**<802.11ax HE160>**

| Maximum Power Density Plot (dBm/MHz) |
|---|
| MIMO <Ant. 5+4> |




**Remark:** The test plot is showing a bin by bin combined result mathematically adds two traces.

| Maximum Power Density Plot Trace 1 (Ant 5) | Maximum Power Density Plot Trace 2 (Ant 4) |
|---|---|
|  |  |

## 3.4 Unwanted Emissions Measurement

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

### 3.4.1 Limit of Unwanted Emissions

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

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

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

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

| Frequency (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 |

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

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

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

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

### 3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.4.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.12.2 Antenna-port conducted measurements.
2. Measure the conducted output power (in dBm) using the peak detector.
3. Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP.
4. Add the appropriate maximum ground reflection factor to the EIRP (6 dB for frequencies ≤ 30 MHz; 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive; and 0 dB for frequencies > 1000 MHz).
5. Convert the resultant EIRP to an equivalent electric field strength using the following relationship:

   E = EIRP − 20 log d + 104.8,

   where

   E is the electric field strength in dBμV/m

   EIRP is the equivalent isotropically radiated power in dBm

   d is the specified measurement distance in 3m
6. Compare the resultant electric field strength level with the applicable regulatory limit.
7. Corrected Reading for conducted spurious emission: Antenna Gain + Path Loss + MIMO Factor + Read Level = Level
8. Perform the cabinet radiated spurious emission test and verify radiated spurious emission with Antenna A and C.
9. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

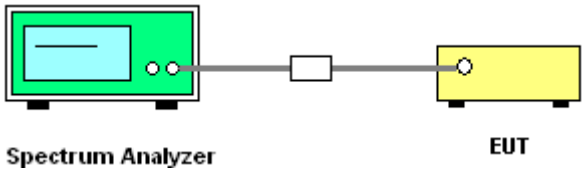
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

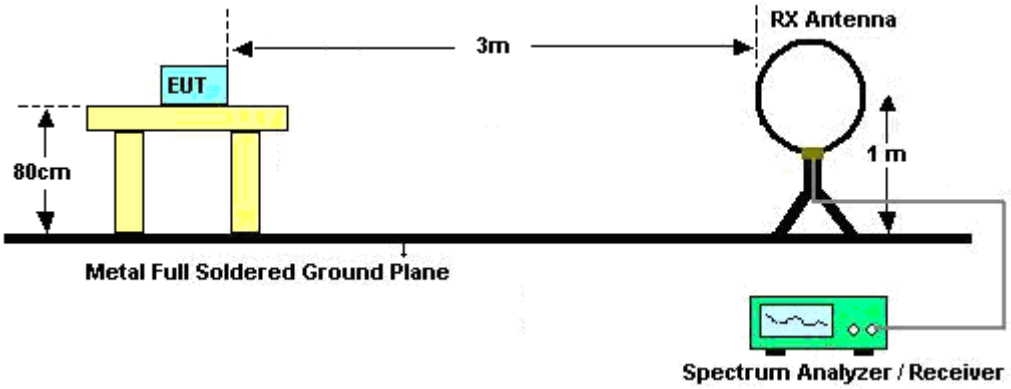
10. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
11. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
12. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
13. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
14. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
15. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

### 3.4.4 Test Setup

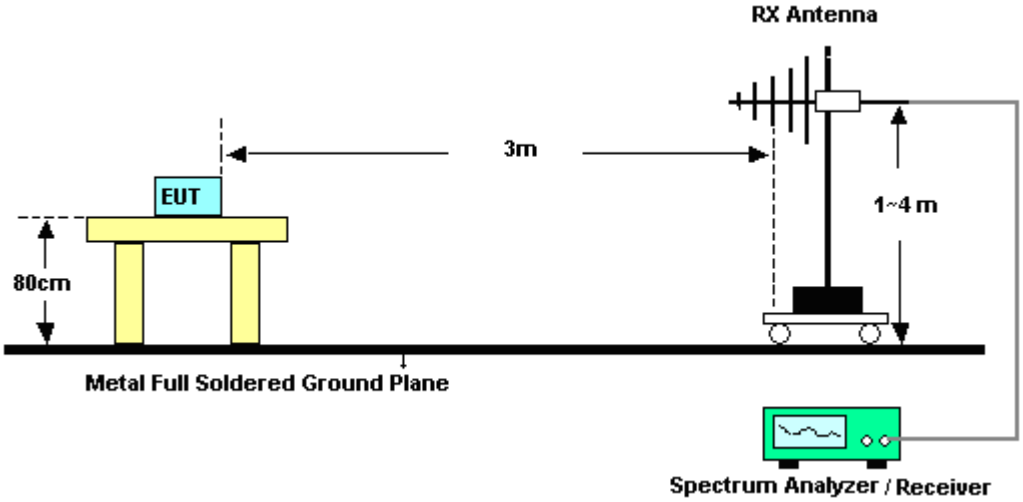
**For Conducted Measurement Setup:**



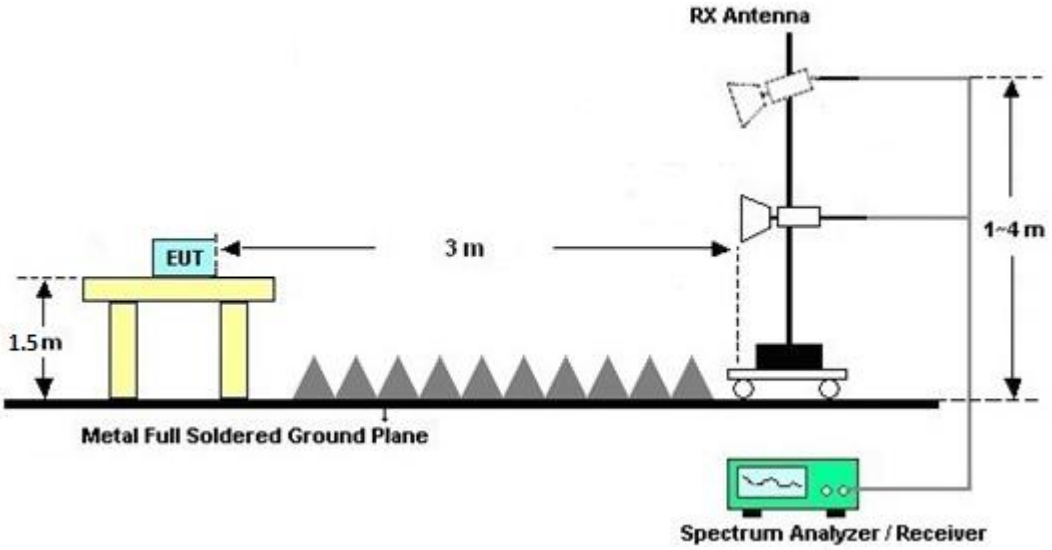
**For radiated emissions below 30MHz**



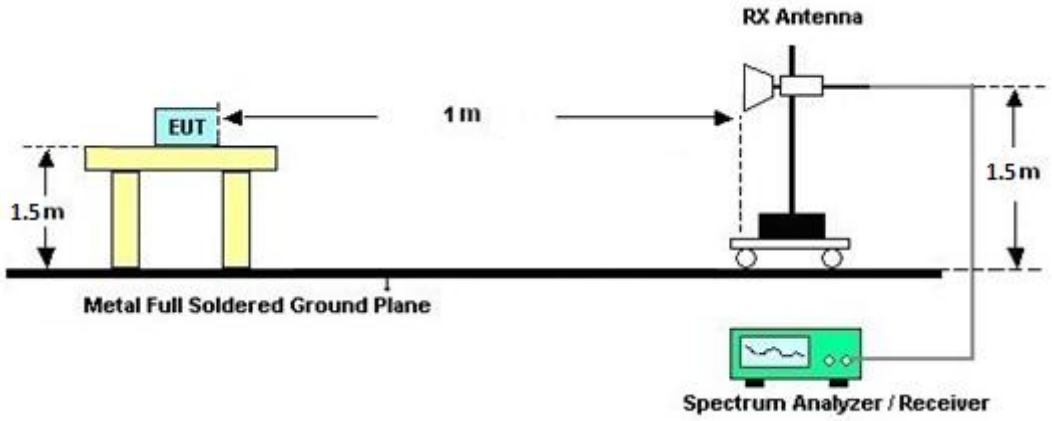

**For radiated emissions from 30MHz to 1GHz**




**For radiated test from 1GHz to 18GHz**



**For radiated test above 18GHz**




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

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

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

### 3.4.6 Test Result of Conduced Spurious at Band Edges in the Restricted Band

Please refer to Appendix B and C.

### 3.4.7 Test Result of Conduced Spurious Emission in the Restricted Band

Please refer to Appendix B and C.

### 3.4.8 Test Result of Cabinet Radiated Spurious at Band Edges

Please refer to Appendix D and E.

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

Please refer to Appendix D and E.

### 3.4.10 Test Result of Radiated Spurious Emissions in the Restricted Band

Please refer to Appendix F and G.

### 3.4.11 Duty Cycle

Please refer to Appendix H.

## 3.5 Antenna Requirements

### 3.5.1 Standard Applicable

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

### 3.5.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

# 4 List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Hygrometer | TECPEL | DTM-303A | TP201996 | N/A | Nov. 16, 2021 | Aug. 23, 2022~ Oct. 05, 2022 | Nov. 15, 2022 | Conducted (TH05-HY) |
| Power Sensor | DARE | RPR3006W | 15I00041SNO 10 (NO:248) | 10MHz~6GHz | Dec. 29, 2021 | Aug. 23, 2022~ Oct. 05, 2022 | Dec. 28, 2022 | Conducted (TH05-HY) |
| Signal Analyzer | Rohde & Schwarz | FSV40 | 101905 | 10Hz - 40GHz | Aug. 03, 2022 | Aug. 23, 2022~ Oct. 05, 2022 | Aug. 02, 2023 | Conducted (TH05-HY) |
| Loop Antenna | Rohde & Schwarz | HFH2-Z2 | 100488 | 9 kHz~30 MHz | May 13, 2022 | Sep. 28, 2022~ Oct. 13, 2022 | May 12, 2023 | Radiation (03CH16-HY) |
| Preamplifier | EMEC | EM18G40G | 060715 | 18GHz~40GHz | Dec. 24, 2021 | Sep. 28, 2022~ Oct. 13, 2022 | Dec. 23, 2022 | Radiation (03CH16-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK | BBHA9170 | 00993 | 18GHz-40GHz | Nov. 30, 2021 | Sep. 28, 2022~ Oct. 13, 2022 | Nov. 29, 2022 | Radiation (03CH16-HY) |
| Amplifier | SONOMA | 310N | 371607 | 9kHz~1GHz | Jul. 04, 2022 | Sep. 28, 2022~ Oct. 13, 2022 | Jul. 03, 2023 | Radiation (03CH16-HY) |
| Bilog Antenna | TESEQ | CBL 6111D & 00800N1D01N -06 | 41912 & 05 | 30MHz~1GHz | Feb. 06, 2022 | Sep. 28, 2022~ Oct. 07, 2022 | Feb. 05, 2023 | Radiation (03CH16-HY) |
| Bilog Antenna | TESEQ | CBL 6111D & 00802N1D01N -06 | 47020 & 06 | 30MHz~1GHz | Oct. 08, 2022 | Oct. 08, 2022 ~ Oct. 13, 2022 | Oct. 07, 2023 | Radiation (03CH16-HY) |
| EMI Test Receiver | Keysight | N9038A(MXE) | MY57290111 | 3Hz~26.5GHz | Dec. 15, 2021 | Sep. 28, 2022~ Oct. 13, 2022 | Dec. 14, 2022 | Radiation (03CH16-HY) |
| Horn Antenna | SCHWARZBECK | BBHA 9120 D | 9120D-1522 | 1GHz~18GHz | Mar. 10, 2022 | Sep. 28, 2022~ Oct. 13, 2022 | Mar. 09, 2023 | Radiation (03CH16-HY) |
| Preamplifier | Keysight | 83017A | MY53270264 | 1GHz~26.5GHz | Dec. 09, 2021 | Sep. 28, 2022~ Oct. 13, 2022 | Dec. 08, 2022 | Radiation (03CH16-HY) |
| Preamplifier | EMEC | EM1G18G | 060812 | 1GHz~18GHz | Dec. 27, 2021 | Sep. 28, 2022~ Oct. 13, 2022 | Dec. 26, 2022 | Radiation (03CH16-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | 805935/4 | N/A | Aug. 09, 2022 | Sep. 28, 2022~ Oct. 13, 2022 | Aug. 08, 2023 | Radiation (03CH16-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | 802434/4 | N/A | Aug. 09, 2022 | Sep. 28, 2022~ Oct. 13, 2022 | Aug. 08, 2023 | Radiation (03CH16-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | EC-A5-300-5 757 | N/A | Aug. 09, 2022 | Sep. 28, 2022~ Oct. 13, 2022 | Aug. 08, 2023 | Radiation (03CH16-HY) |
| Software | Audix | E3 6.2009-8-24 | RK-001136 | N/A | N/A | Sep. 28, 2022~ Oct. 13, 2022 | N/A | Radiation (03CH16-HY) |
| Controller | ChainTek | 3000-1 | N/A | Control Turn table & Ant Mast | N/A | Sep. 28, 2022~ Oct. 13, 2022 | N/A | Radiation (03CH16-HY) |
| Antenna Mast | ChainTek | MBS-520-1 | N/A | 1m~4m | N/A | Sep. 28, 2022~ Oct. 13, 2022 | N/A | Radiation (03CH16-HY) |
| Turn Table | ChainTek | T-200-S-1 | N/A | 0~360 Degree | N/A | Sep. 28, 2022~ Oct. 13, 2022 | N/A | Radiation (03CH16-HY) |

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Spectrum Analyzer | ROHDE & SCHWARZ | FSV40 | 101565 | 10Hz~40GHz | Dec. 29, 2021 | Aug. 24, 2022~ Nov. 03, 2022 | Dec. 28, 2022 | CSE (TH05-HY) |
| Spectrum Analyzer | ROHDE & SCHWARZ | FSV40 | 101906 | 10Hz~40GHz | Aug. 09, 2022 | Aug. 24, 2022~ Nov. 03, 2022 | Aug. 08, 2023 | CSE (TH05-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY9837/4PE | 9kHz~30MHz | Mar. 10, 2022 | Aug. 24, 2022~ Nov. 03, 2022 | Mar. 09, 2023 | CSE (TH05-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 126E | 0058/126E | 30MHz~18GHz | Dec. 10, 2021 | Aug. 24, 2022~ Nov. 03, 2022 | Dec. 09, 2022 | CSE (TH05-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 126E | 0030/126E | 30MHz~18GHz | Feb. 09, 2022 | Aug. 24, 2022~ Nov. 03, 2022 | Feb. 08, 2023 | CSE (TH05-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 505134/2 | 30MHz~40GHz | Feb. 21, 2022 | Aug. 24, 2022~ Nov. 03, 2022 | Feb. 20, 2023 | CSE (TH05-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 800740/2 | 30MHz~40GHz | Feb. 21, 2022 | Aug. 24, 2022~ Nov. 03, 2022 | Feb. 20, 2023 | CSE (TH05-HY) |
| Filter | Wainwright | WLKS1200-12 SS | SN2 | 1.2GHz Low Pass Filter | Mar. 15, 2022 | Aug. 24, 2022~ Nov. 03, 2022 | Mar. 14, 2023 | CSE (TH05-HY) |
| Filter | Wainwright | 7GHz High Pass Filter | SN96 | 7GHz High Pass Filter | Nov. 04, 2021 | Aug. 24, 2022~ Nov. 02, 2022 | Nov. 03, 2022 | CSE (TH05-HY) |
| Filter | Wainwright | 7GHz High Pass Filter | SN97 | 7GHz High Pass Filter | Nov. 04, 2021 | Aug. 24, 2022~ Nov. 02, 2022 | Nov. 03, 2022 | CSE (TH05-HY) |
| Filter | Wainwright | 7GHz High Pass Filter | SN98 | 7GHz High Pass Filter | Nov. 03, 2022 | Nov. 03, 2022 | Nov. 02, 2023 | CSE (TH05-HY) |
| Filter | Wainwright | WHKX8-5872. 5-6750-18000- 40ST | SN24 | 6.75GHz High Pass Filter | Aug. 05, 2022 | Aug. 24, 2022~ Nov. 03, 2022 | Aug. 04, 2023 | CSE (TH05-HY) |
| Filter | Wainwright | WHKX8-5872. 5-6750-18000- 40ST | SN17 | 6.75GHz High Pass Filter | May 23, 2022 | Aug. 24, 2022~ Nov. 03, 2022 | May 22, 2023 | CSE (TH05-HY) |

# 5 Uncertainty of Evaluation

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

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **5.8 dB** |

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

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

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

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **5.8 dB** |

# Appendix A. Test Result of Conducted Test Items

| | | | | |
|---|---|---|---|---|
| Test Engineer: | Eason Huang | Temperature: | 21~25 | °C |
| Test Date: | 2022/08/23~2022/10/05 | Relative Humidity: | 51~54 | % |

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

| Band I MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | | Note |
| | | | | | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| 11a | 6Mbps | 2 | 36 | 5180 | 16.33 | 16.33 | 18.85 | 19.30 | - | | 22.13 | | | |
| 11a | 6Mbps | 2 | 44 | 5220 | 16.28 | 16.28 | 19.70 | 19.05 | - | | 22.12 | | | |
| 11a | 6Mbps | 2 | 48 | 5240 | 16.28 | 16.28 | 19.00 | 19.10 | - | | 22.12 | | | |

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

| FCC Band I MIMO | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | Pass/Fail |
| | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | |
| 11a | 6Mbps | 2 | 36 | 5180 | 10.90 | 11.30 | 14.11 | 23.64 | | 6.36 | | Pass |
| 11a | 6Mbps | 2 | 44 | 5220 | 10.50 | 11.00 | 13.77 | 23.64 | | 6.36 | | Pass |
| 11a | 6Mbps | 2 | 48 | 5240 | 10.90 | 11.30 | 14.11 | 23.64 | | 6.36 | | Pass |
| HT20 | MCS0 | 2 | 36 | 5180 | 10.90 | 11.50 | 14.22 | 23.64 | | 6.36 | | Pass |
| HT20 | MCS0 | 2 | 44 | 5220 | 10.60 | 11.00 | 13.81 | 23.64 | | 6.36 | | Pass |
| HT20 | MCS0 | 2 | 48 | 5240 | 11.00 | 11.40 | 14.21 | 23.64 | | 6.36 | | Pass |
| HT40 | MCS0 | 2 | 38 | 5190 | 11.10 | 11.10 | 14.11 | 23.64 | | 6.36 | | Pass |
| HT40 | MCS0 | 2 | 46 | 5230 | 13.20 | 13.20 | 16.21 | 23.64 | | 6.36 | | Pass |
| VHT20 | MCS0 | 2 | 36 | 5180 | 11.10 | 11.60 | 14.37 | 23.64 | | 6.36 | | Pass |
| VHT20 | MCS0 | 2 | 44 | 5220 | 10.70 | 11.10 | 13.91 | 23.64 | | 6.36 | | Pass |
| VHT20 | MCS0 | 2 | 48 | 5240 | 11.10 | 11.50 | 14.31 | 23.64 | | 6.36 | | Pass |
| VHT40 | MCS0 | 2 | 38 | 5190 | 11.20 | 11.20 | 14.21 | 23.64 | | 6.36 | | Pass |
| VHT40 | MCS0 | 2 | 46 | 5230 | 13.40 | 13.40 | 16.41 | 23.64 | | 6.36 | | Pass |
| VHT80 | MCS0 | 2 | 42 | 5210 | 10.60 | 10.70 | 13.66 | 23.64 | | 6.36 | | Pass |
| VHT160 | MCS0 | 2 | 50 | 5250 | 9.30 | 9.30 | 12.31 | 23.64 | | 6.36 | | Pass |

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

| FCC Band I MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | | Pass /Fail |
| | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| 11a | 6Mbps | 2 | 36 | 5180 | | | 3.63 | 10.64 | | 6.36 | | | Pass |
| 11a | 6Mbps | 2 | 44 | 5220 | | | 3.32 | 10.64 | | 6.36 | | | Pass |
| 11a | 6Mbps | 2 | 48 | 5240 | | | 3.64 | 10.64 | | 6.36 | | | Pass |

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

| Band II MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | FCC 26dB Bandwidth Power Limit (dBm) | | Note |
| | | | | | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | |
| 11a | 6Mbps | 2 | 52 | 5260 | 16.33 | 16.33 | 19.60 | 19.25 | 23.13 | | 29.13 | | 23.84 | | |
| 11a | 6Mbps | 2 | 60 | 5300 | 16.28 | 16.33 | 19.75 | 19.85 | 23.12 | | 29.12 | | 23.96 | | |
| 11a | 6Mbps | 2 | 64 | 5320 | 16.28 | 16.28 | 20.40 | 19.00 | 23.12 | | 29.12 | | 23.79 | | |

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

| FCC Band II MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | EIRP Power Limit (dBm) | Pass/Fail |
| | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| 11a | 6Mbps | 2 | 52 | 5260 | 17.00 | 17.90 | 20.48 | 23.41 | | 6.43 | | 30 | Pass |
| 11a | 6Mbps | 2 | 60 | 5300 | 14.70 | 15.20 | 17.97 | 23.53 | | 6.43 | | 30 | Pass |
| 11a | 6Mbps | 2 | 64 | 5320 | 12.90 | 12.80 | 15.86 | 23.36 | | 6.43 | | 30 | Pass |
| HT20 | MCS0 | 2 | 52 | 5260 | 17.00 | 17.20 | 20.11 | 23.55 | | 6.43 | | 30 | Pass |
| HT20 | MCS0 | 2 | 60 | 5300 | 14.10 | 14.70 | 17.42 | 23.55 | | 6.43 | | 30 | Pass |
| HT20 | MCS0 | 2 | 64 | 5320 | 12.10 | 12.00 | 15.06 | 23.55 | | 6.43 | | 30 | Pass |
| HT40 | MCS0 | 2 | 54 | 5270 | 14.60 | 14.30 | 17.46 | 23.55 | | 6.43 | | 30 | Pass |
| HT40 | MCS0 | 2 | 62 | 5310 | 11.90 | 11.90 | 14.91 | 23.55 | | 6.43 | | 30 | Pass |
| VHT20 | MCS0 | 2 | 52 | 5260 | 17.10 | 17.40 | 20.26 | 23.55 | | 6.43 | | 30 | Pass |
| VHT20 | MCS0 | 2 | 60 | 5300 | 14.30 | 14.80 | 17.57 | 23.55 | | 6.43 | | 30 | Pass |
| VHT20 | MCS0 | 2 | 64 | 5320 | 12.20 | 12.10 | 15.16 | 23.55 | | 6.43 | | 30 | Pass |
| VHT40 | MCS0 | 2 | 54 | 5270 | 14.70 | 14.40 | 17.56 | 23.55 | | 6.43 | | 30 | Pass |
| VHT40 | MCS0 | 2 | 62 | 5310 | 12.00 | 12.00 | 15.01 | 23.55 | | 6.43 | | 30 | Pass |
| VHT80 | MCS0 | 2 | 58 | 5290 | 10.40 | 10.00 | 13.21 | 23.55 | | 6.43 | | 30 | Pass |
| VHT160 | MCS0 | 2 | 50 | 5250 | 9.30 | 9.30 | 12.31 | 23.55 | | 6.43 | | 30 | Pass |

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

| Band II MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | | Pass /Fail |
| | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| 11a | 6Mbps | 2 | 52 | 5260 | | | 10.19 | 10.57 | | 6.43 | | | Pass |
| 11a | 6Mbps | 2 | 60 | 5300 | | | 7.50 | 10.57 | | 6.43 | | | Pass |
| 11a | 6Mbps | 2 | 64 | 5320 | | | 5.27 | 10.57 | | 6.43 | | | Pass |

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

| Band III MIMO | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth In U-NII 2C (MHz) | | 26 dB Bandwidth In U-NII 2C (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | FCC 26dB Bandwidth Power Limit (dBm) | | 6 dB Bandwidth for Straddle Channel (MHz) | |
| | | | | | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 |
| 11a | 6Mbps | 2 | 100 | 5500 | 16.38 | 16.33 | 19.65 | 19.20 | 23.13 | | 29.13 | | 23.83 | | ---- | ---- |
| 11a | 6Mbps | 2 | 116 | 5580 | 16.33 | 16.33 | 19.30 | 19.35 | 23.13 | | 29.13 | | 23.86 | | ---- | ---- |
| 11a | 6Mbps | 2 | 140 | 5700 | 16.33 | 16.33 | 18.90 | 19.10 | 23.13 | | 29.13 | | 23.76 | | ---- | ---- |

| Band III straddle channel MIMO | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Bandwidth In U-NII 2C (MHz) | | 26 dB Bandwidth In U-NII 2C (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | FCC 26dB Bandwidth Power Limit (dBm) | | 6 dB Bandwidth for Straddle Channel (MHz) | |
| | | | | | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 |
| 11a | 6Mbps | 2 | 144 | 5720 | 13.09 | 12.94 | 17.45 | 14.25 | 22.12 | | 28.12 | | 22.54 | | 2.85 | 2.85 |

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

| FCC Band III MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | EIRP Power Limit (dBm) | Pass/Fail |
| | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| 11a | 6Mbps | 2 | 100 | 5500 | 10.90 | 11.00 | 13.96 | 22.01 | | 7.82 | | 30 | Pass |
| 11a | 6Mbps | 2 | 116 | 5580 | 16.00 | 16.80 | 19.43 | 22.04 | | 7.82 | | 30 | Pass |
| 11a | 6Mbps | 2 | 140 | 5700 | 10.70 | 10.20 | 13.47 | 21.94 | | 7.82 | | 30 | Pass |
| HT20 | MCS0 | 2 | 100 | 5500 | 10.60 | 10.70 | 13.66 | 22.16 | | 7.82 | | 30 | Pass |
| HT20 | MCS0 | 2 | 116 | 5580 | 15.40 | 15.70 | 18.56 | 22.16 | | 7.82 | | 30 | Pass |
| HT20 | MCS0 | 2 | 140 | 5700 | 7.80 | 8.50 | 11.17 | 22.16 | | 7.82 | | 30 | Pass |
| HT40 | MCS0 | 2 | 102 | 5510 | 10.40 | 10.50 | 13.46 | 22.16 | | 7.82 | | 30 | Pass |
| HT40 | MCS0 | 2 | 110 | 5550 | 13.10 | 13.10 | 16.11 | 22.16 | | 7.82 | | 30 | Pass |
| HT40 | MCS0 | 2 | 134 | 5670 | 12.10 | 12.30 | 15.21 | 22.16 | | 7.82 | | 30 | Pass |
| VHT20 | MCS0 | 2 | 100 | 5500 | 10.70 | 10.80 | 13.76 | 22.16 | | 7.82 | | 30 | Pass |
| VHT20 | MCS0 | 2 | 116 | 5580 | 15.50 | 15.80 | 18.66 | 22.16 | | 7.82 | | 30 | Pass |
| VHT20 | MCS0 | 2 | 140 | 5700 | 7.90 | 8.70 | 11.33 | 22.16 | | 7.82 | | 30 | Pass |
| VHT40 | MCS0 | 2 | 102 | 5510 | 10.60 | 10.60 | 13.61 | 22.16 | | 7.82 | | 30 | Pass |
| VHT40 | MCS0 | 2 | 110 | 5550 | 13.20 | 13.20 | 16.21 | 22.16 | | 7.82 | | 30 | Pass |
| VHT40 | MCS0 | 2 | 134 | 5670 | 12.30 | 12.40 | 15.36 | 22.16 | | 7.82 | | 30 | Pass |
| VHT80 | MCS0 | 2 | 106 | 5530 | 10.50 | 10.50 | 13.51 | 22.16 | | 7.82 | | 30 | Pass |
| VHT80 | MCS0 | 2 | 122 | 5610 | 13.00 | 12.90 | 15.96 | 22.16 | | 7.82 | | 30 | Pass |
| VHT160 | MCS0 | 2 | 114 | 5570 | 9.00 | 8.90 | 11.96 | 22.16 | | 7.82 | | 30 | Pass |

| FCC Band III straddle channel MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | EIRP Power Limit (dBm) | Pass/Fail |
| | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| 11a | 6Mbps | 2 | 144 | 5720 | 16.50 | 16.70 | 19.61 | 20.72 | | 7.82 | | 30 | Pass |
| HT20 | MCS0 | 2 | 144 | 5720 | 16.40 | 16.60 | 19.51 | 22.16 | | 7.82 | | 30 | Pass |
| HT40 | MCS0 | 2 | 142 | 5710 | 14.40 | 13.70 | 17.07 | 22.16 | | 7.82 | | 30 | Pass |
| VHT20 | MCS0 | 2 | 144 | 5720 | 16.60 | 16.80 | 19.71 | 22.16 | | 7.82 | | 30 | Pass |
| VHT40 | MCS0 | 2 | 142 | 5710 | 14.50 | 13.90 | 17.22 | 22.16 | | 7.82 | | 30 | Pass |
| VHT80 | MCS0 | 2 | 138 | 5690 | 14.50 | 14.20 | 17.36 | 22.16 | | 7.82 | | 30 | Pass |

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

| Band III MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | | Pass /Fail |
| | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| 11a | 6Mbps | 2 | 100 | 5500 | | | 3.05 | 9.18 | | 7.82 | | | Pass |
| 11a | 6Mbps | 2 | 116 | 5580 | | | 8.75 | 9.18 | | 7.82 | | | Pass |
| 11a | 6Mbps | 2 | 140 | 5700 | | | 3.27 | 9.18 | | 7.82 | | | Pass |

| Band III straddle channel MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | | Pass /Fail |
| | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| 11a | 6Mbps | 2 | 144 | 5720 | | | 8.80 | 9.18 | | 7.82 | | | Pass |

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

| Band I MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | | Note |
| | | | | | | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| HE20 | MCS0 | 2 | 36 | 5180 | Full | 18.88 | 18.88 | 21.05 | 20.55 | - | | 22.76 | | | |
| HE20 | MCS0 | 2 | 36 | 5180 | 26/0 | 18.68 | 18.73 | 20.85 | 20.75 | - | | 22.71 | | | |
| HE20 | MCS0 | 2 | 36 | 5180 | 52/37 | 18.53 | 18.48 | 20.80 | 21.15 | - | | 22.67 | | | |
| HE20 | MCS0 | 2 | 36 | 5180 | 106/53 | 18.33 | 18.33 | 21.50 | 21.05 | - | | 22.63 | | | |
| HE20 | MCS0 | 2 | 36 | 5180 | 242/61 | 19.23 | 19.13 | 23.10 | 23.30 | - | | 22.82 | | | |
| HE20 | MCS0 | 2 | 44 | 5220 | Full | 18.88 | 18.88 | 21.55 | 20.85 | - | | 22.76 | | | |
| HE20 | MCS0 | 2 | 44 | 5220 | 26/4 | 17.33 | 17.18 | 18.85 | 18.60 | - | | 22.35 | | | |
| HE20 | MCS0 | 2 | 44 | 5220 | 52/39 | 17.33 | 17.23 | 19.80 | 19.15 | - | | 22.36 | | | |
| HE20 | MCS0 | 2 | 44 | 5220 | 106/53 | 18.38 | 18.28 | 21.60 | 21.10 | - | | 22.62 | | | |
| HE20 | MCS0 | 2 | 44 | 5220 | 242/61 | 19.13 | 19.13 | 22.70 | 22.45 | - | | 22.82 | | | |
| HE20 | MCS0 | 2 | 48 | 5240 | Full | 18.88 | 18.88 | 21.05 | 20.85 | - | | 22.76 | | | |
| HE20 | MCS0 | 2 | 48 | 5240 | 26/8 | 18.88 | 18.73 | 20.95 | 21.00 | - | | 22.73 | | | |
| HE20 | MCS0 | 2 | 48 | 5240 | 52/40 | 18.58 | 18.48 | 21.20 | 20.75 | - | | 22.67 | | | |
| HE20 | MCS0 | 2 | 48 | 5240 | 106/54 | 18.43 | 18.48 | 21.30 | 20.95 | - | | 22.66 | | | |
| HE20 | MCS0 | 2 | 48 | 5240 | 242/61 | 19.23 | 19.18 | 23.20 | 22.80 | - | | 22.83 | | | |
| HE40 | MCS0 | 2 | 38 | 5190 | Full | 37.86 | 37.86 | 40.14 | 40.14 | - | | 23.01 | | | |
| HE40 | MCS0 | 2 | 38 | 5190 | 484/65 | 38.36 | 38.56 | 42.75 | 42.93 | - | | 23.01 | | | |
| HE40 | MCS0 | 2 | 46 | 5230 | Full | 37.76 | 37.66 | 40.32 | 39.69 | - | | 23.01 | | | |
| HE40 | MCS0 | 2 | 46 | 5230 | 484/65 | 38.56 | 38.66 | 41.58 | 46.62 | - | | 23.01 | | | |
| HE80 | MCS0 | 2 | 42 | 5210 | Full | 76.72 | 76.72 | 82.24 | 81.44 | - | | 23.01 | | | |
| HE80 | MCS0 | 2 | 42 | 5210 | 996/67 | 77.80 | 77.92 | 90.72 | 94.08 | - | | 23.01 | | | |
| HE160 | MCS0 | 2 | 50 | 5250 | Full | 155.60 | 155.36 | 165.12 | 165.12 | - | | 23.01 | | | |
| HE160 | MCS0 | 2 | 50 | 5250 | 1992/68 | 158.48 | 158.24 | 172.48 | 171.20 | - | | 23.01 | | | |

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

| FCC Band I MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | | Pass/Fail |
| | | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| HE20 | MCS0 | 2 | 36 | 5180 | Full | 11.20 | 11.70 | 14.47 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 36 | 5180 | 26/0 | 3.80 | 3.40 | 6.61 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 36 | 5180 | 52/37 | 6.20 | 6.00 | 9.11 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 36 | 5180 | 106/53 | 9.10 | 8.80 | 11.96 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 36 | 5180 | 242/61 | 12.70 | 12.80 | 15.76 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | Full | 10.80 | 11.20 | 14.01 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | 26/4 | 4.70 | 4.40 | 7.56 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | 52/39 | 6.70 | 6.20 | 9.47 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | 106/53 | 8.80 | 9.70 | 12.28 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | 242/61 | 12.20 | 12.60 | 15.41 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | Full | 11.20 | 11.60 | 14.41 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | 26/8 | 4.20 | 4.10 | 7.16 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | 52/40 | 6.40 | 6.20 | 9.31 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | 106/54 | 9.30 | 9.10 | 12.21 | 23.64 | | 6.36 | | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | 242/61 | 12.20 | 12.30 | 15.26 | 23.64 | | 6.36 | | | Pass |
| HE40 | MCS0 | 2 | 38 | 5190 | Full | 11.30 | 11.30 | 14.31 | 23.64 | | 6.36 | | | Pass |
| HE40 | MCS0 | 2 | 38 | 5190 | 484/65 | 11.10 | 11.40 | 14.26 | 23.64 | | 6.36 | | | Pass |
| HE40 | MCS0 | 2 | 46 | 5230 | Full | 13.50 | 13.50 | 16.51 | 23.64 | | 6.36 | | | Pass |
| HE40 | MCS0 | 2 | 46 | 5230 | 484/65 | 13.50 | 13.70 | 16.61 | 23.64 | | 6.36 | | | Pass |
| HE80 | MCS0 | 2 | 42 | 5210 | Full | 10.70 | 10.80 | 13.76 | 23.64 | | 6.36 | | | Pass |
| HE80 | MCS0 | 2 | 42 | 5210 | 996/67 | 9.70 | 9.30 | 12.51 | 23.64 | | 6.36 | | | Pass |
| HE160 | MCS0 | 2 | 50 | 5250 | Full | 9.40 | 9.40 | 12.41 | 23.64 | | 6.36 | | | Pass |
| HE160 | MCS0 | 2 | 50 | 5250 | 1992/68 | 8.10 | 7.80 | 10.96 | 23.64 | | 6.36 | | | Pass |

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

| FCC Band I MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | Pass /Fail |
| | | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | |
| HE20 | MCS0 | 2 | 36 | 5180 | Full | | | 3.55 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 36 | 5180 | 26/0 | | | 3.21 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 36 | 5180 | 52/37 | | | 3.24 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 36 | 5180 | 106/53 | | | 3.21 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 36 | 5180 | 242/61 | | | 3.33 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | Full | | | 3.23 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | 26/4 | | | 3.35 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | 52/39 | | | 3.38 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | 106/53 | | | 3.35 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 44 | 5220 | 242/61 | | | 3.28 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | Full | | | 3.56 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | 26/8 | | | 3.40 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | 52/40 | | | 3.14 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | 106/54 | | | 3.17 | 10.64 | | 6.36 | | Pass |
| HE20 | MCS0 | 2 | 48 | 5240 | 242/61 | | | 3.28 | 10.64 | | 6.36 | | Pass |
| HE40 | MCS0 | 2 | 38 | 5190 | Full | | | 0.58 | 10.64 | | 6.36 | | Pass |
| HE40 | MCS0 | 2 | 38 | 5190 | 484/65 | | | -0.23 | 10.64 | | 6.36 | | Pass |
| HE40 | MCS0 | 2 | 46 | 5230 | Full | | | 3.09 | 10.64 | | 6.36 | | Pass |
| HE40 | MCS0 | 2 | 46 | 5230 | 484/65 | | | 2.28 | 10.64 | | 6.36 | | Pass |
| HE80 | MCS0 | 2 | 42 | 5210 | Full | | | -2.12 | 10.64 | | 6.36 | | Pass |
| HE80 | MCS0 | 2 | 42 | 5210 | 996/67 | | | -5.69 | 10.64 | | 6.36 | | Pass |
| HE160 | MCS0 | 2 | 50 | 5250 | Full | | | -6.10 | 10.64 | | 6.36 | | Pass |
| HE160 | MCS0 | 2 | 50 | 5250 | 1992/68 | | | -9.86 | 10.64 | | 6.36 | | Pass |

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

| Band II MIMO | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | FCC 26dB Bandwidth Power Limit (dBm) | | Note |
| | | | | | | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | |
| HE20 | MCS0 | 2 | 52 | 5260 | Full | 18.88 | 18.88 | 21.05 | 20.90 | 23.76 | | 29.76 | | 23.98 | | |
| HE20 | MCS0 | 2 | 52 | 5260 | 26/0 | 18.73 | 18.88 | 21.15 | 21.15 | 23.73 | | 29.73 | | 23.98 | | |
| HE20 | MCS0 | 2 | 52 | 5260 | 52/37 | 18.63 | 18.43 | 21.75 | 21.05 | 23.66 | | 29.66 | | 23.98 | | |
| HE20 | MCS0 | 2 | 52 | 5260 | 106/53 | 18.43 | 18.38 | 22.65 | 22.15 | 23.64 | | 29.64 | | 23.98 | | |
| HE20 | MCS0 | 2 | 52 | 5260 | 242/61 | 19.33 | 19.28 | 27.10 | 28.10 | 23.85 | | 29.85 | | 23.98 | | |
| HE20 | MCS0 | 2 | 60 | 5300 | Full | 18.88 | 18.88 | 21.20 | 21.45 | 23.76 | | 29.76 | | 23.98 | | |
| HE20 | MCS0 | 2 | 60 | 5300 | 26/4 | 17.28 | 17.13 | 18.90 | 18.60 | 23.34 | | 29.34 | | 23.70 | | |
| HE20 | MCS0 | 2 | 60 | 5300 | 52/39 | 17.23 | 17.23 | 19.40 | 18.75 | 23.36 | | 29.36 | | 23.73 | | |
| HE20 | MCS0 | 2 | 60 | 5300 | 106/54 | 18.48 | 18.48 | 22.25 | 21.80 | 23.67 | | 29.67 | | 23.98 | | |
| HE20 | MCS0 | 2 | 60 | 5300 | 242/61 | 19.33 | 19.43 | 25.15 | 44.10 | 23.86 | | 29.86 | | 23.98 | | |
| HE20 | MCS0 | 2 | 64 | 5320 | Full | 18.93 | 18.78 | 23.75 | 21.25 | 23.74 | | 29.74 | | 23.98 | | |
| HE20 | MCS0 | 2 | 64 | 5320 | 26/8 | 18.78 | 18.58 | 20.90 | 20.60 | 23.69 | | 29.69 | | 23.98 | | |
| HE20 | MCS0 | 2 | 64 | 5320 | 52/40 | 18.53 | 19.93 | 21.20 | 23.15 | 23.68 | | 29.68 | | 23.98 | | |
| HE20 | MCS0 | 2 | 64 | 5320 | 106/54 | 18.43 | 18.43 | 22.95 | 21.30 | 23.66 | | 29.66 | | 23.98 | | |
| HE20 | MCS0 | 2 | 64 | 5320 | 242/61 | 19.23 | 19.18 | 22.65 | 25.05 | 23.83 | | 29.83 | | 23.98 | | |
| HE40 | MCS0 | 2 | 54 | 5270 | Full | 37.76 | 37.76 | 39.96 | 40.41 | 23.98 | | 30.00 | | 23.98 | | |
| HE40 | MCS0 | 2 | 54 | 5270 | 484/65 | 42.75 | 39.06 | 76.41 | 66.96 | 23.98 | | 30.00 | | 23.98 | | |
| HE40 | MCS0 | 2 | 62 | 5310 | Full | 37.76 | 37.66 | 39.78 | 40.14 | 23.98 | | 30.00 | | 23.98 | | |
| HE40 | MCS0 | 2 | 62 | 5310 | 484/65 | 38.56 | 38.66 | 43.38 | 42.39 | 23.98 | | 30.00 | | 23.98 | | |
| HE80 | MCS0 | 2 | 58 | 5290 | Full | 76.96 | 76.72 | 82.40 | 81.76 | 23.98 | | 30.00 | | 23.98 | | |
| HE80 | MCS0 | 2 | 58 | 5290 | 996/67 | 77.92 | 77.68 | 94.08 | 89.60 | 23.98 | | 30.00 | | 23.98 | | |
| HE160 | MCS0 | 2 | 50 | 5250 | Full | 155.6 | 155.4 | 165.1 | 165.1 | 23.98 | | 30.00 | | 23.98 | | |
| HE160 | MCS0 | 2 | 50 | 5250 | 1992/68 | 158.5 | 158.2 | 172.5 | 171.2 | 23.98 | | 30.00 | | 23.98 | | |

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

| FCC Band II MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | EIRP Power Limit (dBm) | Pass/Fail |
| | | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| HE20 | MCS0 | 2 | 52 | 5260 | Full | 17.20 | 17.50 | 20.36 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 52 | 5260 | 26/0 | 10.90 | 10.20 | 13.57 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 52 | 5260 | 52/37 | 13.60 | 12.80 | 16.23 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 52 | 5260 | 106/53 | 16.20 | 16.20 | 19.21 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 52 | 5260 | 242/61 | 17.30 | 17.10 | 20.21 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | Full | 14.40 | 14.90 | 17.67 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | 26/4 | 12.10 | 11.90 | 15.01 | 23.26 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | 52/39 | 13.80 | 13.60 | 16.71 | 23.30 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | 106/54 | 16.80 | 16.50 | 19.66 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | 242/61 | 17.10 | 17.30 | 20.21 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | Full | 12.30 | 12.20 | 15.26 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | 26/8 | 10.50 | 11.20 | 13.87 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | 52/40 | 14.00 | 13.30 | 16.67 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | 106/54 | 13.40 | 13.30 | 16.36 | 23.55 | | 6.43 | | 30 | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | 242/61 | 13.70 | 13.40 | 16.56 | 23.55 | | 6.43 | | 30 | Pass |
| HE40 | MCS0 | 2 | 54 | 5270 | Full | 14.80 | 14.50 | 17.66 | 23.55 | | 6.43 | | 30 | Pass |
| HE40 | MCS0 | 2 | 54 | 5270 | 484/65 | 15.00 | 14.60 | 17.81 | 23.55 | | 6.43 | | 30 | Pass |
| HE40 | MCS0 | 2 | 62 | 5310 | Full | 12.10 | 12.10 | 15.11 | 23.55 | | 6.43 | | 30 | Pass |
| HE40 | MCS0 | 2 | 62 | 5310 | 484/65 | 11.80 | 11.80 | 14.81 | 23.55 | | 6.43 | | 30 | Pass |
| HE80 | MCS0 | 2 | 58 | 5290 | Full | 10.50 | 10.10 | 13.31 | 23.55 | | 6.43 | | 30 | Pass |
| HE80 | MCS0 | 2 | 58 | 5290 | 996/67 | 8.70 | 8.50 | 11.61 | 23.55 | | 6.43 | | 30 | Pass |
| HE160 | MCS0 | 2 | 50 | 5250 | Full | 9.40 | 9.40 | 12.41 | 23.55 | | 6.43 | | 30 | Pass |
| HE160 | MCS0 | 2 | 50 | 5250 | 1992/68 | 8.10 | 7.80 | 10.96 | 23.55 | | 6.43 | | 30 | Pass |

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

| Band II MIMO | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | Pass /Fail |
| | | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | |
| HE20 | MCS0 | 2 | 52 | 5260 | Full | | | 9.50 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 52 | 5260 | 26/0 | | | 10.18 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 52 | 5260 | 52/37 | | | 10.03 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 52 | 5260 | 106/53 | | | 10.10 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 52 | 5260 | 242/61 | | | 8.39 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | Full | | | 6.69 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | 26/4 | | | 10.54 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | 52/39 | | | 10.48 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | 106/54 | | | 10.54 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 60 | 5300 | 242/61 | | | 8.12 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | Full | | | 4.29 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | 26/8 | | | 10.44 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | 52/40 | | | 10.50 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | 106/54 | | | 7.48 | 10.57 | | 6.43 | | Pass |
| HE20 | MCS0 | 2 | 64 | 5320 | 242/61 | | | 4.65 | 10.57 | | 6.43 | | Pass |
| HE40 | MCS0 | 2 | 54 | 5270 | Full | | | 4.19 | 10.57 | | 6.43 | | Pass |
| HE40 | MCS0 | 2 | 54 | 5270 | 484/65 | | | 2.67 | 10.57 | | 6.43 | | Pass |
| HE40 | MCS0 | 2 | 62 | 5310 | Full | | | 1.62 | 10.57 | | 6.43 | | Pass |
| HE40 | MCS0 | 2 | 62 | 5310 | 484/65 | | | 0.01 | 10.57 | | 6.43 | | Pass |
| HE80 | MCS0 | 2 | 58 | 5290 | Full | | | -3.03 | 10.57 | | 6.43 | | Pass |
| HE80 | MCS0 | 2 | 58 | 5290 | 996/67 | | | -6.66 | 10.57 | | 6.43 | | Pass |
| HE160 | MCS0 | 2 | 50 | 5250 | Full | | | -6.10 | 10.57 | | 6.43 | | Pass |
| HE160 | MCS0 | 2 | 50 | 5250 | 1992/68 | | | -9.86 | 10.57 | | 6.43 | | Pass |

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

| Band III MIMO | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTx | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth In U-NII 2C (MHz) | | 26 dB Bandwidth In U-NII 2C (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | FCC 26dB Bandwidth Power Limit (dBm) | | 6 dB Bandwidth for Straddle Channel (MHz) | |
| | | | | | | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 |
| HE20 | MCS0 | 2 | 100 | 5500 | Full | 18.83 | 18.88 | 20.80 | 21.25 | 23.75 | | 29.75 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 100 | 5500 | 26/0 | 18.68 | 18.83 | 21.05 | 21.40 | 23.71 | | 29.71 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 100 | 5500 | 52/37 | 18.58 | 18.93 | 21.65 | 22.50 | 23.69 | | 29.69 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 100 | 5500 | 106/53 | 18.38 | 18.53 | 21.80 | 22.25 | 23.64 | | 29.64 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 100 | 5500 | 242/61 | 19.18 | 19.33 | 22.75 | 23.05 | 23.83 | | 29.83 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 116 | 5580 | Full | 18.83 | 18.93 | 21.15 | 21.45 | 23.75 | | 29.75 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 116 | 5580 | 26/4 | 17.33 | 17.08 | 19.00 | 18.80 | 23.32 | | 29.32 | | 23.74 | | ---- | ---- |
| HE20 | MCS0 | 2 | 116 | 5580 | 52/38 | 17.18 | 17.03 | 19.45 | 19.00 | 23.31 | | 29.31 | | 23.79 | | ---- | ---- |
| HE20 | MCS0 | 2 | 116 | 5580 | 106/53 | 18.43 | 19.53 | 23.00 | 32.25 | 23.66 | | 29.66 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 116 | 5580 | 242/61 | 19.28 | 19.68 | 37.20 | 42.10 | 23.85 | | 29.85 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 140 | 5700 | Full | 18.88 | 18.83 | 21.10 | 21.05 | 23.75 | | 29.75 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 140 | 5700 | 26/8 | 18.83 | 18.73 | 21.05 | 20.65 | 23.73 | | 29.73 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 140 | 5700 | 52/40 | 18.48 | 18.58 | 21.05 | 21.60 | 23.67 | | 29.67 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 140 | 5700 | 106/54 | 18.13 | 18.33 | 21.10 | 21.10 | 23.58 | | 29.58 | | 23.98 | | ---- | ---- |
| HE20 | MCS0 | 2 | 140 | 5700 | 242/61 | 19.08 | 19.13 | 22.50 | 23.25 | 23.81 | | 29.81 | | 23.98 | | ---- | ---- |
| HE40 | MCS0 | 2 | 102 | 5510 | Full | 37.66 | 37.56 | 40.14 | 39.96 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE40 | MCS0 | 2 | 102 | 5510 | 484/65 | 38.36 | 38.16 | 42.75 | 41.40 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE40 | MCS0 | 2 | 110 | 5550 | Full | 37.66 | 37.86 | 39.87 | 40.68 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE40 | MCS0 | 2 | 110 | 5550 | 484/65 | 38.46 | 38.56 | 42.57 | 51.21 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE40 | MCS0 | 2 | 134 | 5670 | Full | 37.76 | 37.66 | 40.05 | 39.96 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE40 | MCS0 | 2 | 134 | 5670 | 484/65 | 38.36 | 38.16 | 42.30 | 41.76 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE80 | MCS0 | 2 | 106 | 5530 | Full | 76.60 | 76.60 | 82.40 | 81.76 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE80 | MCS0 | 2 | 106 | 5530 | 996/67 | 77.56 | 77.80 | 90.88 | 87.84 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE80 | MCS0 | 2 | 122 | 5610 | Full | 76.60 | 76.84 | 82.08 | 82.24 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE80 | MCS0 | 2 | 122 | 5610 | 996/67 | 77.80 | 77.92 | 128.64 | 128.16 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE160 | MCS0 | 2 | 114 | 5570 | Full | 155.36 | 155.12 | 165.12 | 165.12 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |
| HE160 | MCS0 | 2 | 114 | 5570 | 1992/68 | 157.76 | 157.76 | 173.76 | 172.16 | 23.98 | | 30.00 | | 23.98 | | ---- | ---- |

| Band III straddle channel MIMO | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTx | CH. | Freq. (MHz) | RU Config. | 99% Bandwidth In U-NII 2C (MHz) | | 26 dB Bandwidth In U-NII 2C (MHz) | | IC 99% Bandwidth Power Limit (dBm) | | IC 99% Bandwidth EIRP Limit (dBm) | | FCC 26dB Bandwidth Power Limit (dBm) | | 6 dB Bandwidth for Straddle Channel (MHz) | |
| | | | | | | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 | Ant 5 | Ant 4 |
| HE20 | MCS0 | 2 | 144 | 5720 | Full | 14.24 | 14.24 | 15.40 | 15.25 | 22.54 | | 28.54 | | 22.83 | | 3.748 | 4.341 |
| HE20 | MCS0 | 2 | 144 | 5720 | 26/8 | 13.39 | 12.89 | 14.25 | 13.85 | 22.10 | | 28.10 | | 22.41 | | 4.75 | 4.74 |
| HE20 | MCS0 | 2 | 144 | 5720 | 52/40 | 13.44 | 13.09 | 14.50 | 13.95 | 22.17 | | 28.17 | | 22.45 | | 4.75 | 4.75 |
| HE20 | MCS0 | 2 | 144 | 5720 | 106/54 | 13.54 | 13.44 | 15.25 | 9.00 | 22.28 | | 28.28 | | 20.54 | | 4.8 | 4.9 |
| HE20 | MCS0 | 2 | 144 | 5720 | 242/61 | 14.39 | 16.99 | 22.30 | 29.58 | 22.58 | | 28.58 | | 23.98 | | 4.298 | 4.85 |
| HE40 | MCS0 | 2 | 142 | 5710 | Full | 33.58 | 33.68 | 34.71 | 34.80 | 23.98 | | 30.00 | | 23.98 | | 2.91 | 2.91 |
| HE40 | MCS0 | 2 | 142 | 5710 | 484/65 | 36.78 | 36.48 | 52.80 | 52.89 | 23.98 | | 30.00 | | 23.98 | | 4.35 | 4.35 |
| HE80 | MCS0 | 2 | 138 | 5690 | Full | 73.36 | 73.36 | 75.32 | 76.12 | 23.98 | | 30.00 | | 23.98 | | 2.918 | 0.514 |
| HE80 | MCS0 | 2 | 138 | 5690 | 996/67 | 73.96 | 74.20 | 124.31 | 108.31 | 23.98 | | 30.00 | | 23.98 | | 4.36 | 4.36 |

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

| FCC Band III MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | EIRP Power Limit (dBm) | Pass/Fail |
| | | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| HE20 | MCS0 | 2 | 100 | 5500 | Full | 10.80 | 10.90 | 13.86 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 100 | 5500 | 26/0 | 9.90 | 8.50 | 12.27 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 100 | 5500 | 52/37 | 12.70 | 11.40 | 15.11 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 100 | 5500 | 106/53 | 10.00 | 8.50 | 12.32 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 100 | 5500 | 242/61 | 9.80 | 9.70 | 12.76 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | Full | 15.60 | 15.90 | 18.76 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | 26/4 | 10.00 | 10.40 | 13.21 | 21.92 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | 52/38 | 11.90 | 12.30 | 15.11 | 21.97 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | 106/53 | 15.20 | 14.60 | 17.92 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | 242/61 | 17.10 | 17.40 | 20.26 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | Full | 8.00 | 8.80 | 11.43 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | 26/8 | 9.30 | 10.20 | 12.78 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | 52/40 | 11.70 | 10.00 | 13.94 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | 106/54 | 9.10 | 8.60 | 11.87 | 22.16 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | 242/61 | 9.50 | 9.40 | 12.46 | 22.16 | | 7.82 | | 30 | Pass |
| HE40 | MCS0 | 2 | 102 | 5510 | Full | 10.70 | 10.70 | 13.71 | 22.16 | | 7.82 | | 30 | Pass |
| HE40 | MCS0 | 2 | 102 | 5510 | 484/65 | 9.70 | 9.60 | 12.66 | 22.16 | | 7.82 | | 30 | Pass |
| HE40 | MCS0 | 2 | 110 | 5550 | Full | 13.30 | 13.30 | 16.31 | 22.16 | | 7.82 | | 30 | Pass |
| HE40 | MCS0 | 2 | 110 | 5550 | 484/65 | 12.80 | 12.50 | 15.66 | 22.16 | | 7.82 | | 30 | Pass |
| HE40 | MCS0 | 2 | 134 | 5670 | Full | 12.40 | 12.50 | 15.46 | 22.16 | | 7.82 | | 30 | Pass |
| HE40 | MCS0 | 2 | 134 | 5670 | 484/65 | 11.50 | 10.90 | 14.22 | 22.16 | | 7.82 | | 30 | Pass |
| HE80 | MCS0 | 2 | 106 | 5530 | Full | 10.60 | 10.60 | 13.61 | 22.16 | | 7.82 | | 30 | Pass |
| HE80 | MCS0 | 2 | 106 | 5530 | 996/67 | 8.50 | 8.50 | 11.51 | 22.16 | | 7.82 | | 30 | Pass |
| HE80 | MCS0 | 2 | 122 | 5610 | Full | 13.10 | 13.00 | 16.06 | 22.16 | | 7.82 | | 30 | Pass |
| HE80 | MCS0 | 2 | 122 | 5610 | 996/67 | 12.10 | 11.90 | 15.01 | 22.16 | | 7.82 | | 30 | Pass |
| HE160 | MCS0 | 2 | 114 | 5570 | Full | 9.10 | 9.00 | 12.06 | 22.16 | | 7.82 | | 30 | Pass |
| HE160 | MCS0 | 2 | 114 | 5570 | 1992/68 | 8.50 | 8.20 | 11.36 | 22.16 | | 7.82 | | 30 | Pass |

| FCC Band III straddle channel MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Average Conducted Power (dBm) | | | FCC Conducted Power Limit (dBm) | | DG (dBi) | | EIRP Power Limit (dBm) | Pass/Fail |
| | | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| HE20 | MCS0 | 2 | 144 | 5720 | Full | 16.70 | 16.90 | 19.81 | 21.01 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 144 | 5720 | 26/8 | 8.10 | 10.30 | 12.35 | 20.59 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 144 | 5720 | 52/40 | 11.30 | 13.00 | 15.24 | 20.63 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 144 | 5720 | 106/54 | 14.70 | 15.50 | 18.13 | 18.72 | | 7.82 | | 30 | Pass |
| HE20 | MCS0 | 2 | 144 | 5720 | 242/61 | 17.20 | 17.50 | 20.36 | 22.16 | | 7.82 | | 30 | Pass |
| HE40 | MCS0 | 2 | 142 | 5710 | Full | 14.60 | 14.00 | 17.32 | 22.16 | | 7.82 | | 30 | Pass |
| HE40 | MCS0 | 2 | 142 | 5710 | 484/65 | 15.70 | 15.00 | 18.37 | 22.16 | | 7.82 | | 30 | Pass |
| HE80 | MCS0 | 2 | 138 | 5690 | Full | 14.60 | 14.30 | 17.46 | 22.16 | | 7.82 | | 30 | Pass |
| HE80 | MCS0 | 2 | 138 | 5690 | 996/67 | 13.70 | 13.40 | 16.56 | 22.16 | | 7.82 | | 30 | Pass |

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

| Band III MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | | Pass /Fail |
| | | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| HE20 | MCS0 | 2 | 100 | 5500 | Full | | | 2.38 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 100 | 5500 | 26/0 | | | 8.92 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 100 | 5500 | 52/37 | | | 8.85 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 100 | 5500 | 106/53 | | | 2.83 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 100 | 5500 | 242/61 | | | 0.30 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | Full | | | 7.51 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | 26/4 | | | 8.79 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | 52/38 | | | 8.76 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | 106/53 | | | 8.73 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 116 | 5580 | 242/61 | | | 8.08 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | Full | | | 0.02 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | 26/8 | | | 8.71 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | 52/40 | | | 7.59 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | 106/54 | | | 2.17 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 140 | 5700 | 242/61 | | | -0.05 | 9.18 | | 7.82 | | | Pass |
| HE40 | MCS0 | 2 | 102 | 5510 | Full | | | -0.29 | 9.18 | | 7.82 | | | Pass |
| HE40 | MCS0 | 2 | 102 | 5510 | 484/65 | | | -2.34 | 9.18 | | 7.82 | | | Pass |
| HE40 | MCS0 | 2 | 110 | 5550 | Full | | | 2.59 | 9.18 | | 7.82 | | | Pass |
| HE40 | MCS0 | 2 | 110 | 5550 | 484/65 | | | 1.27 | 9.18 | | 7.82 | | | Pass |
| HE40 | MCS0 | 2 | 134 | 5670 | Full | | | 1.72 | 9.18 | | 7.82 | | | Pass |
| HE40 | MCS0 | 2 | 134 | 5670 | 484/65 | | | -1.41 | 9.18 | | 7.82 | | | Pass |
| HE80 | MCS0 | 2 | 106 | 5530 | Full | | | -2.19 | 9.18 | | 7.82 | | | Pass |
| HE80 | MCS0 | 2 | 106 | 5530 | 996/67 | | | -7.31 | 9.18 | | 7.82 | | | Pass |
| HE80 | MCS0 | 2 | 122 | 5610 | Full | | | -0.15 | 9.18 | | 7.82 | | | Pass |
| HE80 | MCS0 | 2 | 122 | 5610 | 996/67 | | | -3.96 | 9.18 | | 7.82 | | | Pass |
| HE160 | MCS0 | 2 | 114 | 5570 | Full | | | -7.25 | 9.18 | | 7.82 | | | Pass |
| HE160 | MCS0 | 2 | 114 | 5570 | 1992/68 | | | -10.12 | 9.18 | | 7.82 | | | Pass |

| Band III straddle channel MIMO | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | RU Config. | Average Power Density (dBm/MHz) | | | Average PSD Limit (dBm/MHz) | | DG (dBi) | | | Pass /Fail |
| | | | | | | Ant 5 | Ant 4 | SUM | Ant 5 | Ant 4 | Ant 5 | Ant 4 | | |
| HE20 | MCS0 | 2 | 144 | 5720 | Full | | | 8.14 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 144 | 5720 | 26/8 | | | 8.97 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 144 | 5720 | 52/40 | | | 9.17 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 144 | 5720 | 106/54 | | | 9.13 | 9.18 | | 7.82 | | | Pass |
| HE20 | MCS0 | 2 | 144 | 5720 | 242/61 | | | 7.97 | 9.18 | | 7.82 | | | Pass |
| HE40 | MCS0 | 2 | 142 | 5710 | Full | | | 2.86 | 9.18 | | 7.82 | | | Pass |
| HE40 | MCS0 | 2 | 142 | 5710 | 484/65 | | | 3.55 | 9.18 | | 7.82 | | | Pass |
| HE80 | MCS0 | 2 | 138 | 5690 | Full | | | 1.07 | 9.18 | | 7.82 | | | Pass |
| HE80 | MCS0 | 2 | 138 | 5690 | 996/67 | | | -2.30 | 9.18 | | 7.82 | | | Pass |

# Appendix B. Conducted Spurious Emission

| Test Engineer : | Kai Liao, Ken Wu and Nick Yu | Temperature : | 21.5~25.9°C |
|---|---|---|---|
| | | Relative Humidity : | 45.3~64.5% |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11a (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 36 5180MHz | | 5149.5 | -36.71 | -15.51 | -21.2 | -47.46 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -51.5 | -10.3 | -41.2 | -62.25 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5180 | 15.89 | - | - | 5.14 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5180 | 6.88 | - | - | -3.87 | 6.36 | 1.38 | 3.01 | 0 | A |
| 802.11a CH 44 5220MHz | | 5140.66 | -39.71 | -18.51 | -21.2 | -50.46 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -53.07 | -11.87 | -41.2 | -63.82 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5220 | 15.9 | - | - | 5.16 | 6.36 | 1.37 | 3.01 | 0 | P |
| | * | 5220 | 6.41 | - | - | -4.33 | 6.36 | 1.37 | 3.01 | 0 | A |
| | | 5393.36 | -40.92 | -19.72 | -21.2 | -51.72 | 6.36 | 1.43 | 3.01 | 0 | P |
| | | 5451.6 | -54.06 | -12.86 | -41.2 | -64.92 | 6.36 | 1.49 | 3.01 | 0 | A |
| 802.11a CH 48 5240MHz | | 5133.64 | -40.27 | -19.07 | -21.2 | -51.02 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5149.5 | -53.93 | -12.73 | -41.2 | -64.68 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5240 | 15.74 | - | - | 5.02 | 6.36 | 1.35 | 3.01 | 0 | P |
| | * | 5240 | 6.22 | - | - | -4.5 | 6.36 | 1.35 | 3.01 | 0 | A |
| | | 5377.96 | -40.66 | -19.46 | -21.2 | -51.44 | 6.36 | 1.41 | 3.01 | 0 | P |
| | | 5448.8 | -54.12 | -12.92 | -41.2 | -64.97 | 6.36 | 1.48 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 5150~5250MHz**

**WIFI 802.11a (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 36 5180MHz | | 10360 | -59.99 | -32.99 | -27 | -72.16 | 6.36 | 2.8 | 3.01 | 0 | P |
| | | 15540 | -61.41 | -40.21 | -21.2 | -75.15 | 6.36 | 4.37 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11a CH 44 5220MHz | | 10440 | -62 | -35 | -27 | -74.16 | 6.36 | 2.79 | 3.01 | 0 | P |
| | | 15660 | -60.24 | -39.04 | -21.2 | -74.03 | 6.36 | 4.42 | 3.01 | 0 | P |
| | | 20880 | -58.3 | -37.1 | -21.2 | -72.09 | 6.36 | 4.42 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11a CH 48 5240MHz | | 7336 | -60.65 | -39.45 | -21.2 | -73.18 | 6.36 | 3.16 | 3.01 | 0 | P |
| | | 10480 | -60.65 | -33.65 | -27 | -72.81 | 6.36 | 2.79 | 3.01 | 0 | P |
| | | 15720 | -60.93 | -39.73 | -21.2 | -74.74 | 6.36 | 4.44 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 36 5180MHz | | 5146.64 | -28.05 | -6.85 | -21.2 | -38.8 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -50.34 | -9.14 | -41.2 | -61.09 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5180 | 16.47 | - | - | 5.72 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5180 | 6.3 | - | - | -4.45 | 6.36 | 1.38 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE20 Full CH 44 5220MHz | | 5137.02 | -40.02 | -18.82 | -21.2 | -50.77 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5148.98 | -53.02 | -11.82 | -41.2 | -63.77 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5220 | 15.86 | - | - | 5.12 | 6.36 | 1.37 | 3.01 | 0 | P |
| | * | 5220 | 6.22 | - | - | -4.52 | 6.36 | 1.37 | 3.01 | 0 | A |
| | | 5372.64 | -39.89 | -18.69 | -21.2 | -50.66 | 6.36 | 1.4 | 3.01 | 0 | P |
| | | 5459.16 | -54.03 | -12.83 | -41.2 | -64.89 | 6.36 | 1.49 | 3.01 | 0 | A |
| 802.11ax HE20 Full CH 48 5240MHz | | 5147.16 | -40.41 | -19.21 | -21.2 | -51.16 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -53.47 | -12.27 | -41.2 | -64.22 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5240 | 17.6 | - | - | 6.88 | 6.36 | 1.35 | 3.01 | 0 | P |
| | * | 5240 | 6.05 | - | - | -4.67 | 6.36 | 1.35 | 3.01 | 0 | A |
| | | 5444.6 | -40.09 | -18.89 | -21.2 | -50.94 | 6.36 | 1.48 | 3.01 | 0 | P |
| | | 5350.24 | -53.67 | -12.47 | -41.2 | -64.41 | 6.36 | 1.37 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 5150~5250MHz**

**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 36 5180MHz | | 10360 | -60.38 | -33.38 | -27 | -72.55 | 6.36 | 2.8 | 3.01 | 0 | P |
| | | 15540 | -60.33 | -39.13 | -21.2 | -74.07 | 6.36 | 4.37 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE20 Full CH 44 5220MHz | | 10440 | -63.57 | -36.57 | -27 | -75.73 | 6.36 | 2.79 | 3.01 | 0 | P |
| | | 17160 | -61.99 | -34.99 | -27 | -75.69 | 6.36 | 4.33 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE20 Full CH 48 5240MHz | | 7336 | -54.83 | -33.63 | -21.2 | -67.36 | 6.36 | 3.16 | 3.01 | 0 | P |
| | | 10480 | -59.03 | -32.03 | -27 | -71.19 | 6.36 | 2.79 | 3.01 | 0 | P |
| | | 15720 | -60.98 | -39.78 | -21.2 | -74.79 | 6.36 | 4.44 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 26 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Partial 26/0 CH 36 5180MHz | | 5091.52 | -41.24 | -20.04 | -21.2 | -51.97 | 6.36 | 1.36 | 3.01 | 0 | P |
| | | 5138.32 | -54.48 | -13.28 | -41.2 | -65.23 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5180 | 17.35 | - | - | 6.6 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5180 | 7.21 | - | - | -3.54 | 6.36 | 1.38 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE20 Partial 26/4 CH 44 5220MHz | | 5100.62 | -41.29 | -20.09 | -21.2 | -52.04 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -54.74 | -13.54 | -41.2 | -65.49 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5220 | 16.74 | - | - | 6 | 6.36 | 1.37 | 3.01 | 0 | P |
| | * | 5220 | 7.39 | - | - | -3.35 | 6.36 | 1.37 | 3.01 | 0 | A |
| | | 5446.56 | -41.14 | -19.94 | -21.2 | -51.99 | 6.36 | 1.48 | 3.01 | 0 | P |
| | | 5455.52 | -54.6 | -13.4 | -41.2 | -65.46 | 6.36 | 1.49 | 3.01 | 0 | A |
| 802.11ax HE20 Partial 26/8 CH 48 5240MHz | | 5058.24 | -40.54 | -19.34 | -21.2 | -51.22 | 6.36 | 1.31 | 3.01 | 0 | P |
| | | 5149.76 | -54.43 | -13.23 | -41.2 | -65.18 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5240 | 16.86 | - | - | 6.14 | 6.36 | 1.35 | 3.01 | 0 | P |
| | * | 5240 | 8.47 | - | - | -2.25 | 6.36 | 1.35 | 3.01 | 0 | A |
| | | 5430.6 | -40.51 | -19.31 | -21.2 | -51.35 | 6.36 | 1.47 | 3.01 | 0 | P |
| | | 5402.6 | -54.13 | -12.93 | -41.2 | -64.94 | 6.36 | 1.44 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 10360 | -66.03 | -39.03 | -27 | -78.2 | 6.36 | 2.8 | 3.01 | 0 | P |
| HE20 | | 15540 | -61.32 | -40.12 | -21.2 | -75.06 | 6.36 | 4.37 | 3.01 | 0 | P |
| Partial | | | | | | | | | | | |
| 26/0 | | | | | | | | | | | |
| CH 36 | | | | | | | | | | | |
| 5180MHz | | | | | | | | | | | |
| 802.11ax | | 10440 | -64.8 | -37.8 | -27 | -76.96 | 6.36 | 2.79 | 3.01 | 0 | P |
| HE20 | | 15660 | -59.96 | -38.76 | -21.2 | -73.75 | 6.36 | 4.42 | 3.01 | 0 | P |
| Partial | | | | | | | | | | | |
| 26/4 | | | | | | | | | | | |
| CH 44 | | | | | | | | | | | |
| 5220MHz | | | | | | | | | | | |
| 802.11ax | | 8384 | -57.67 | -36.47 | -21.2 | -69.64 | 6.36 | 2.6 | 3.01 | 0 | P |
| HE20 | | 10480 | -64.26 | -37.26 | -27 | -76.42 | 6.36 | 2.79 | 3.01 | 0 | P |
| Partial | | 15720 | -58.76 | -37.56 | -21.2 | -72.57 | 6.36 | 4.44 | 3.01 | 0 | P |
| 26/8 | | | | | | | | | | | |
| CH 48 | | | | | | | | | | | |
| 5240MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5144.3 | -40.83 | -19.63 | -21.2 | -51.58 | 6.36 | 1.38 | 3.01 | 0 | P |
| HE20 | | 5149.76 | -53.86 | -12.66 | -41.2 | -64.61 | 6.36 | 1.38 | 3.01 | 0 | A |
| Partial | * | 5180 | 16.27 | - | - | 5.52 | 6.36 | 1.38 | 3.01 | 0 | P |
| 52/37 | * | 5180 | 7.23 | - | - | -3.52 | 6.36 | 1.38 | 3.01 | 0 | A |
| CH 36 | | | | | | | | | | | |
| 5180MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5149.24 | -39.02 | -17.82 | -21.2 | -49.77 | 6.36 | 1.38 | 3.01 | 0 | P |
| HE20 | | 5149.76 | -53.32 | -12.12 | -41.2 | -64.07 | 6.36 | 1.38 | 3.01 | 0 | A |
| Partial | * | 5180 | 17.63 | - | - | 6.88 | 6.36 | 1.38 | 3.01 | 0 | P |
| 106/53 | * | 5180 | 6.85 | - | - | -3.9 | 6.36 | 1.38 | 3.01 | 0 | A |
| CH 36 | | | | | | | | | | | |
| 5180MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 242 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5147.16 | -26.08 | -4.88 | -21.2 | -36.83 | 6.36 | 1.38 | 3.01 | 0 | P |
| HE20 | | 5150 | -48.62 | -7.42 | -41.2 | -59.37 | 6.36 | 1.38 | 3.01 | 0 | A |
| Partial | * | 5180 | 17.39 | - | - | 6.64 | 6.36 | 1.38 | 3.01 | 0 | P |
| 242/61 | * | 5180 | 7.33 | - | - | -3.42 | 6.36 | 1.38 | 3.01 | 0 | A |
| CH 36 | | | | | | | | | | | |
| 5180MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE40 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 38 5190MHz | | 5146.38 | -24.09 | -2.89 | -21.2 | -34.84 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -43.13 | -1.93 | -41.2 | -53.88 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5190 | 14.43 | - | - | 3.68 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5190 | 3.36 | - | - | -7.39 | 6.36 | 1.38 | 3.01 | 0 | A |
| | | 5367.6 | -39.2 | -18 | -21.2 | -49.97 | 6.36 | 1.4 | 3.01 | 0 | P |
| | | 5350 | -52.98 | -11.78 | -41.2 | -63.72 | 6.36 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE40 Full CH 46 5230MHz | | 5125.58 | -30.18 | -8.98 | -21.2 | -40.93 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -48.55 | -7.35 | -41.2 | -59.3 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5230 | 17.62 | - | - | 6.89 | 6.36 | 1.36 | 3.01 | 0 | P |
| | * | 5230 | 5.56 | - | - | -5.17 | 6.36 | 1.36 | 3.01 | 0 | A |
| | | 5351.64 | -31.66 | -10.46 | -21.2 | -42.4 | 6.36 | 1.37 | 3.01 | 0 | P |
| | | 5350.24 | -50.76 | -9.56 | -41.2 | -61.5 | 6.36 | 1.37 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 10360 | -64.26 | -37.26 | -27 | -76.43 | 6.36 | 2.8 | 3.01 | 0 | P |
| HE40 Full | | 15540 | -60.09 | -38.89 | -21.2 | -73.83 | 6.36 | 4.37 | 3.01 | 0 | P |
| CH 38 | | | | | | | | | | | |
| 5190MHz | | | | | | | | | | | |
| 802.11ax | | 10460 | -62.16 | -35.16 | -27 | -74.32 | 6.36 | 2.79 | 3.01 | 0 | P |
| HE40 Full | | 15690 | -60.84 | -39.64 | -21.2 | -74.64 | 6.36 | 4.43 | 3.01 | 0 | P |
| CH 46 | | | | | | | | | | | |
| 5230MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Partial 484/65 CH 38 5190MHz | | 5148.46 | -29.09 | -7.89 | -21.2 | -39.84 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5148.98 | -44.68 | -3.48 | -41.2 | -55.43 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5190 | 13.98 | - | - | 3.23 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5190 | 3.85 | - | - | -6.9 | 6.36 | 1.38 | 3.01 | 0 | A |
| | | 5400.64 | -39.59 | -18.39 | -21.2 | -50.4 | 6.36 | 1.44 | 3.01 | 0 | P |
| | | 5350.52 | -53.97 | -12.77 | -41.2 | -64.71 | 6.36 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE40 Partial 484/65 CH 46 5230MHz | | 5148.72 | -29.29 | -8.09 | -21.2 | -40.04 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -48.03 | -6.83 | -41.2 | -58.78 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5230 | 17.16 | - | - | 6.43 | 6.36 | 1.36 | 3.01 | 0 | P |
| | * | 5230 | 5.73 | - | - | -5 | 6.36 | 1.36 | 3.01 | 0 | A |
| | | 5350 | -35.17 | -13.97 | -21.2 | -45.91 | 6.36 | 1.37 | 3.01 | 0 | P |
| | | 5350.8 | -51.06 | -9.86 | -41.2 | -61.8 | 6.36 | 1.37 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 42 5210MHz | | 5145.08 | -27.12 | -5.92 | -21.2 | -38.27 | 6.36 | 1.78 | 3.01 | 0 | P |
| | | 5126.62 | -44.49 | -3.29 | -41.2 | -55.65 | 6.36 | 1.79 | 3.01 | 0 | A |
| | * | 5210 | 10.23 | - | - | -0.86 | 6.36 | 1.72 | 3.01 | 0 | P |
| | * | 5210 | -0.98 | - | - | -12.07 | 6.36 | 1.72 | 3.01 | 0 | A |
| | | 5367.32 | -31.39 | -10.19 | -21.2 | -42.4 | 6.36 | 1.64 | 3.01 | 0 | P |
| | | 5356.4 | -52.64 | -11.44 | -41.2 | -63.61 | 6.36 | 1.6 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 10420 | -63.82 | -36.82 | -27 | -75.99 | 6.36 | 2.8 | 3.01 | 0 | P |
| HE80 Full | | 15630 | -59.27 | -38.07 | -21.2 | -73.05 | 6.36 | 4.41 | 3.01 | 0 | P |
| CH 42 | | | | | | | | | | | |
| 5210MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 996/67 CH 42 5210MHz | | 5149.5 | -28.54 | -7.34 | -21.2 | -39.29 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5126.36 | -47.82 | -6.62 | -41.2 | -58.57 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5210 | 9.25 | - | - | -1.49 | 6.36 | 1.37 | 3.01 | 0 | P |
| | * | 5210 | -3.12 | - | - | -13.86 | 6.36 | 1.37 | 3.01 | 0 | A |
| | | 5359.76 | -38.77 | -17.57 | -21.2 | -49.53 | 6.36 | 1.39 | 3.01 | 0 | P |
| | | 5396.44 | -53.35 | -12.15 | -41.2 | -64.15 | 6.36 | 1.43 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE160 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE160 Full CH 50 5250MHz | | 5121.04 | -28.91 | -7.71 | -21.2 | -39.73 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5097.58 | -45.45 | -4.25 | -41.2 | -56.26 | 6.43 | 1.37 | 3.01 | 0 | A |
| | * | 5250 | 7.39 | - | - | -3.39 | 6.43 | 1.34 | 3.01 | 0 | P |
| | * | 5250 | -3.76 | - | - | -14.54 | 6.43 | 1.34 | 3.01 | 0 | A |
| | | 5404.56 | -22.73 | -1.53 | -21.2 | -33.62 | 6.43 | 1.45 | 3.01 | 0 | P |
| | | 5398.96 | -44.13 | -2.93 | -41.2 | -55.01 | 6.43 | 1.44 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE160 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 10500 | -63.28 | -36.28 | -27 | -75.51 | 6.43 | 2.79 | 3.01 | 0 | P |
| HE160 | | 15750 | -57.87 | -36.67 | -21.2 | -71.77 | 6.43 | 4.46 | 3.01 | 0 | P |
| Full | | | | | | | | | | | |
| CH 50 | | | | | | | | | | | |
| 5250MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE160 Partial 1992 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE160 Partial 1992/68 CH 50 5250MHz | | 5124.44 | -29.88 | -8.68 | -21.2 | -41.11 | 6.43 | 1.79 | 3.01 | 0 | P |
| | | 5087.38 | -49.53 | -8.33 | -41.2 | -60.76 | 6.43 | 1.79 | 3.01 | 0 | A |
| | * | 5250 | 5.8 | - | - | -5.19 | 6.43 | 1.55 | 3.01 | 0 | P |
| | * | 5250 | -5.14 | - | - | -16.13 | 6.43 | 1.55 | 3.01 | 0 | A |
| | | 5396.44 | -23.07 | -1.87 | -21.2 | -34.29 | 6.43 | 1.78 | 3.01 | 0 | P |
| | | 5396.72 | -46.3 | -5.1 | -41.2 | -57.52 | 6.43 | 1.78 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11a (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 52 5260MHz | | 5142.46 | -29.65 | -8.45 | -21.2 | -40.47 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.94 | -51.08 | -9.88 | -41.2 | -61.9 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5260 | 23.33 | - | - | 12.55 | 6.43 | 1.34 | 3.01 | 0 | P |
| | * | 5260 | 12.34 | - | - | 1.56 | 6.43 | 1.34 | 3.01 | 0 | A |
| | | 5361.16 | -24.18 | -2.98 | -21.2 | -35.01 | 6.43 | 1.39 | 3.01 | 0 | P |
| | | 5350 | -47.87 | -6.67 | -41.2 | -58.68 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11a CH 60 5300MHz | | 5110.84 | -39.02 | -17.82 | -21.2 | -49.84 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5148.58 | -52.85 | -11.65 | -41.2 | -63.67 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5300 | 20.84 | - | - | 10.1 | 6.43 | 1.3 | 3.01 | 0 | P |
| | * | 5300 | 10.15 | - | - | -0.59 | 6.43 | 1.3 | 3.01 | 0 | A |
| | | 5353.6 | -24.44 | -3.24 | -21.2 | -35.26 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5350.24 | -45.93 | -4.73 | -41.2 | -56.74 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11a CH 64 5320MHz | * | 5320 | 19.25 | - | - | 8.48 | 6.43 | 1.33 | 3.01 | 0 | P |
| | * | 5320 | 8.32 | - | - | -2.45 | 6.43 | 1.33 | 3.01 | 0 | A |
| | | 5354.56 | -23.38 | -2.18 | -21.2 | -34.2 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5350.08 | -46.6 | -5.4 | -41.2 | -57.41 | 6.43 | 1.37 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A 5250~5350MHz**

**WIFI 802.11a (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 52 5260MHz | | 10520 | -47.94 | -20.94 | -27 | -60.17 | 6.43 | 2.79 | 3.01 | 0 | P |
| | | 15780 | -58.77 | -37.57 | -21.2 | -72.68 | 6.43 | 4.47 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11a CH 60 5300MHz | | 7420 | -58.08 | -36.88 | -21.2 | -70.73 | 6.43 | 3.21 | 3.01 | 0 | P |
| | | 10600 | -60.05 | -33.05 | -27 | -72.28 | 6.43 | 2.79 | 3.01 | 0 | P |
| | | 15900 | -60.8 | -39.6 | -21.2 | -74.76 | 6.43 | 4.52 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| 802.11a CH 64 5320MHz | | 7093.3 | -48.89 | -21.89 | -27 | -61.57 | 6.43 | 3.24 | 3.01 | 0 | P |
| | | 10640 | -60.17 | -38.97 | -21.2 | -72.4 | 6.43 | 2.79 | 3.01 | 0 | P |
| | | 15960 | -60.14 | -38.94 | -21.2 | -74.12 | 6.43 | 4.54 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 52 5260MHz | | 5149.94 | -30.83 | -9.63 | -21.2 | -41.65 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.94 | -51.95 | -10.75 | -41.2 | -62.77 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5260 | 22.96 | - | - | 12.18 | 6.43 | 1.34 | 3.01 | 0 | P |
| | * | 5260 | 12.03 | - | - | 1.25 | 6.43 | 1.34 | 3.01 | 0 | A |
| | | 5360.32 | -25.77 | -4.57 | -21.2 | -36.6 | 6.43 | 1.39 | 3.01 | 0 | P |
| | | 5350 | -48.23 | -7.03 | -41.2 | -59.04 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE20 Full CH 60 5300MHz | | 5127.16 | -40.95 | -19.75 | -21.2 | -51.77 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.6 | -54.12 | -12.92 | -41.2 | -64.94 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5300 | 20.23 | - | - | 9.49 | 6.43 | 1.3 | 3.01 | 0 | P |
| | * | 5300 | 9.58 | - | - | -1.16 | 6.43 | 1.3 | 3.01 | 0 | A |
| | | 5351.64 | -29.65 | -8.45 | -21.2 | -40.46 | 6.43 | 1.37 | 3.01 | 0 | P |
| | | 5350 | -46.63 | -5.43 | -41.2 | -57.44 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE20 Full CH 64 5320MHz | * | 5320 | 18.7 | - | - | 7.93 | 6.43 | 1.33 | 3.01 | 0 | P |
| | * | 5320 | 7.07 | - | - | -3.7 | 6.43 | 1.33 | 3.01 | 0 | A |
| | | 5350.72 | -24.56 | -3.36 | -21.2 | -35.37 | 6.43 | 1.37 | 3.01 | 0 | P |
| | | 5350.08 | -46.94 | -5.74 | -41.2 | -57.75 | 6.43 | 1.37 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7013.3 | -50.78 | -23.78 | -27 | -63.18 | 6.43 | 2.96 | 3.01 | 0 | P |
| HE20 Full | | 10520 | -46.65 | -19.65 | -27 | -58.88 | 6.43 | 2.79 | 3.01 | 0 | P |
| CH 52 | | 15780 | -59.49 | -38.29 | -21.2 | -73.4 | 6.43 | 4.47 | 3.01 | 0 | P |
| 5260MHz | | | | | | | | | | | |
| 802.11ax | | 7420 | -52.12 | -30.92 | -21.2 | -64.77 | 6.43 | 3.21 | 3.01 | 0 | P |
| HE20 Full | | 10600 | -58.76 | -31.76 | -27 | -70.99 | 6.43 | 2.79 | 3.01 | 0 | P |
| CH 60 | | 15900 | -59.85 | -38.65 | -21.2 | -73.81 | 6.43 | 4.52 | 3.01 | 0 | P |
| 5300MHz | | | | | | | | | | 0 | P |
| 802.11ax | | 7093.3 | -49.55 | -22.55 | -27 | -62.23 | 6.43 | 3.24 | 3.01 | 0 | P |
| HE20 Full | | 10640 | -61.79 | -40.59 | -21.2 | -74.02 | 6.43 | 2.79 | 3.01 | 0 | P |
| CH 64 | | 15960 | -61.79 | -40.59 | -21.2 | -75.77 | 6.43 | 4.54 | 3.01 | 0 | P |
| 5320MHz | | | | | | | | | | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 26 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Partial 26/0 CH 52 5260MHz | | 5138.04 | -41.21 | -20.01 | -21.2 | -52.03 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.94 | -54.06 | -12.86 | -41.2 | -64.88 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5260 | 24.1 | - | - | 13.32 | 6.43 | 1.34 | 3.01 | 0 | P |
| | * | 5260 | 14.26 | - | - | 3.48 | 6.43 | 1.34 | 3.01 | 0 | A |
| | | 5453.84 | -38.74 | -17.54 | -21.2 | -49.67 | 6.43 | 1.49 | 3.01 | 0 | P |
| | | 5405.12 | -52.58 | -11.38 | -41.2 | -63.47 | 6.43 | 1.45 | 3.01 | 0 | A |
| 802.11ax HE20 Partial 26/4 CH 60 5300MHz | | 5092.48 | -41.48 | -20.28 | -21.2 | -52.29 | 6.43 | 1.37 | 3.01 | 0 | P |
| | | 5147.22 | -54.48 | -13.28 | -41.2 | -65.3 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5300 | 23.19 | - | - | 12.45 | 6.43 | 1.3 | 3.01 | 0 | P |
| | * | 5300 | 14.59 | - | - | 3.85 | 6.43 | 1.3 | 3.01 | 0 | A |
| | | 5364.52 | -38.46 | -17.26 | -21.2 | -49.29 | 6.43 | 1.39 | 3.01 | 0 | P |
| | | 5350.8 | -51.67 | -10.47 | -41.2 | -62.48 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE20 Partial 26/8 CH 64 5320MHz | * | 5320 | 24.17 | - | - | 13.3 | 6.43 | 1.43 | 3.01 | 0 | P |
| | * | 5320 | 15.13 | - | - | 4.26 | 6.43 | 1.43 | 3.01 | 0 | A |
| | | 5360.8 | -37.66 | -16.46 | -21.2 | -48.72 | 6.43 | 1.62 | 3.01 | 0 | P |
| | | 5362.08 | -51.08 | -9.88 | -41.2 | -62.14 | 6.43 | 1.62 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7013.3 | -50.83 | -23.83 | -27 | -63.23 | 6.43 | 2.96 | 3.01 | 0 | P |
| HE20 | | 10520 | -60.06 | -33.06 | -27 | -72.29 | 6.43 | 2.79 | 3.01 | 0 | P |
| Partial | | 15780 | -58.49 | -37.29 | -21.2 | -72.4 | 6.43 | 4.47 | 3.01 | 0 | P |
| 26/0 | | | | | | | | | | | |
| CH 52 | | | | | | | | | | | |
| 5260MHz | | | | | | | | | | | |
| 802.11ax | | 7420 | -54.56 | -33.36 | -21.2 | -67.21 | 6.43 | 3.21 | 3.01 | 0 | P |
| HE20 | | 10600 | -61.66 | -34.66 | -27 | -73.89 | 6.43 | 2.79 | 3.01 | 0 | P |
| Partial | | 15900 | -60.67 | -39.47 | -21.2 | -74.63 | 6.43 | 4.52 | 3.01 | 0 | P |
| 26/4 | | | | | | | | | | | |
| CH 60 | | | | | | | | | | | |
| 5300MHz | | | | | | | | | | | |
| 802.11ax | | 7093.3 | -49.21 | -22.21 | -27 | -61.89 | 6.43 | 3.24 | 3.01 | 0 | P |
| HE20 | | 10640 | -57.18 | -35.98 | -21.2 | -69.41 | 6.43 | 2.79 | 3.01 | 0 | P |
| Partial | | 15960 | -64.65 | -43.45 | -21.2 | -78.63 | 6.43 | 4.54 | 3.01 | 0 | P |
| 26/8 | | | | | | | | | | | |
| CH 64 | | | | | | | | | | | |
| 5320MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | * | 5320 | 26.38 | - | - | 15.51 | 6.43 | 1.43 | 3.01 | 0 | P |
| HE20 | * | 5320 | 15.57 | - | - | 4.7 | 6.43 | 1.43 | 3.01 | 0 | A |
| Partial | | 5358.4 | -27.86 | -6.66 | -21.2 | -38.9 | 6.43 | 1.6 | 3.01 | 0 | P |
| 52/40 | | 5351.68 | -47.78 | -6.58 | -41.2 | -58.79 | 6.43 | 1.57 | 3.01 | 0 | A |
| CH 64 | | | | | | | | | | | |
| 5320MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | * | 5320 | 21.95 | - | - | 11.18 | 6.43 | 1.33 | 3.01 | 0 | P |
| HE20 | * | 5320 | 11.65 | - | - | 0.88 | 6.43 | 1.33 | 3.01 | 0 | A |
| Partial | | 5357.6 | -23.88 | -2.68 | -21.2 | -34.7 | 6.43 | 1.38 | 3.01 | 0 | P |
| 106/54 | | 5350.08 | -51.19 | -9.99 | -41.2 | -62 | 6.43 | 1.37 | 3.01 | 0 | A |
| CH 64 | | | | | | | | | | | |
| 5320MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 242 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | * | 5320 | 18.58 | - | - | 7.81 | 6.43 | 1.33 | 3.01 | 0 | P |
| HE20 | * | 5320 | 7.89 | - | - | -2.88 | 6.43 | 1.33 | 3.01 | 0 | A |
| Partial | | 5353.6 | -23.2 | -2 | -21.2 | -34.02 | 6.43 | 1.38 | 3.01 | 0 | P |
| 242/61 | | 5350.08 | -48.61 | -7.41 | -41.2 | -59.42 | 6.43 | 1.37 | 3.01 | 0 | A |
| CH 64 | | | | | | | | | | | |
| 5320MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE40 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 54 5270MHz | | 5149.26 | -27.53 | -6.33 | -21.2 | -38.35 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.94 | -50.62 | -9.42 | -41.2 | -61.44 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5270 | 17.79 | - | - | 7.03 | 6.43 | 1.32 | 3.01 | 0 | P |
| | * | 5270 | 6.43 | - | - | -4.33 | 6.43 | 1.32 | 3.01 | 0 | A |
| | | 5351.64 | -23.62 | -2.42 | -21.2 | -34.43 | 6.43 | 1.37 | 3.01 | 0 | P |
| | | 5350 | -42.92 | -1.72 | -41.2 | -53.73 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE40 Full CH 62 5310MHz | | 5124.44 | -40.94 | -19.74 | -21.2 | -51.76 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5148.24 | -53.91 | -12.71 | -41.2 | -64.73 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5310 | 15.13 | - | - | 4.38 | 6.43 | 1.31 | 3.01 | 0 | P |
| | * | 5310 | 4.01 | - | - | -6.74 | 6.43 | 1.31 | 3.01 | 0 | A |
| | | 5350.8 | -23.72 | -2.52 | -21.2 | -34.53 | 6.43 | 1.37 | 3.01 | 0 | P |
| | | 5350 | -43.74 | -2.54 | -41.2 | -54.55 | 6.43 | 1.37 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7378 | -54.35 | -33.15 | -21.2 | -66.99 | 6.43 | 3.2 | 3.01 | 0 | P |
| HE40 Full | | 10540 | -54.08 | -27.08 | -27 | -66.31 | 6.43 | 2.79 | 3.01 | 0 | P |
| CH 54 | | 15810 | -58.81 | -37.61 | -21.2 | -72.73 | 6.43 | 4.48 | 3.01 | 0 | P |
| 5270MHz | | | | | | | | | | | P |
| 802.11ax | | 7080 | -48.83 | -21.83 | -27 | -61.46 | 6.43 | 3.19 | 3.01 | 0 | P |
| HE40 Full | | 10620 | -63.13 | -41.93 | -21.2 | -75.36 | 6.43 | 2.79 | 3.01 | 0 | P |
| CH 62 | | 15930 | -59.71 | -38.51 | -21.2 | -73.68 | 6.43 | 4.53 | 3.01 | 0 | P |
| 5310MHz | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Partial 484/65 CH 54 5270MHz | | 5143.48 | -32.42 | -11.22 | -21.2 | -43.64 | 6.43 | 1.78 | 3.01 | 0 | P |
| | | 5149.94 | -52.34 | -11.14 | -41.2 | -63.56 | 6.43 | 1.78 | 3.01 | 0 | A |
| | * | 5270 | 16.2 | - | - | 5.29 | 6.43 | 1.47 | 3.01 | 0 | P |
| | * | 5270 | 5.61 | - | - | -5.3 | 6.43 | 1.47 | 3.01 | 0 | A |
| | | 5353.6 | -26.17 | -4.97 | -21.2 | -37.19 | 6.43 | 1.58 | 3.01 | 0 | P |
| | | 5350 | -48.61 | -7.41 | -41.2 | -59.62 | 6.43 | 1.57 | 3.01 | 0 | A |
| 802.11ax HE40 Partial 484/65 CH 62 5310MHz | | 5121.04 | -40.85 | -19.65 | -21.2 | -52.08 | 6.43 | 1.79 | 3.01 | 0 | P |
| | | 5148.24 | -54.27 | -13.07 | -41.2 | -65.49 | 6.43 | 1.78 | 3.01 | 0 | A |
| | * | 5310 | 13.69 | - | - | 2.86 | 6.43 | 1.39 | 3.01 | 0 | P |
| | * | 5310 | 2.79 | - | - | -8.04 | 6.43 | 1.39 | 3.01 | 0 | A |
| | | 5355.28 | -23.04 | -1.84 | -21.2 | -34.07 | 6.43 | 1.59 | 3.01 | 0 | P |
| | | 5350 | -47.68 | -6.48 | -41.2 | -58.69 | 6.43 | 1.57 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE80 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 58 5290MHz | | 5147.56 | -39.91 | -18.71 | -21.2 | -50.73 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.6 | -53.37 | -12.17 | -41.2 | -64.19 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5290 | 10.33 | - | - | -0.42 | 6.43 | 1.31 | 3.01 | 0 | P |
| | * | 5290 | -1.41 | - | - | -12.16 | 6.43 | 1.31 | 3.01 | 0 | A |
| | | 5388.6 | -25.29 | -4.09 | -21.2 | -36.15 | 6.43 | 1.42 | 3.01 | 0 | P |
| | | 5366.76 | -42.73 | -1.53 | -41.2 | -53.57 | 6.43 | 1.4 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7053.3 | -50.68 | -23.68 | -27 | -63.22 | 6.43 | 3.1 | 3.01 | 0 | P |
| HE80 Full | | 10580 | -62.91 | -35.91 | -27 | -75.14 | 6.43 | 2.79 | 3.01 | 0 | P |
| CH 58 | | 15870 | -60.8 | -39.6 | -21.2 | -74.74 | 6.43 | 4.5 | 3.01 | 0 | P |
| 5290MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 996/67 CH 58 5290MHz | | 5118.32 | -40.78 | -19.58 | -21.2 | -52.01 | 6.43 | 1.79 | 3.01 | 0 | P |
| | | 5148.58 | -54 | -12.8 | -41.2 | -65.22 | 6.43 | 1.78 | 3.01 | 0 | A |
| | * | 5290 | 7.96 | - | - | -2.86 | 6.43 | 1.38 | 3.01 | 0 | P |
| | * | 5290 | -3.09 | - | - | -13.91 | 6.43 | 1.38 | 3.01 | 0 | A |
| | | 5384.68 | -27.72 | -6.52 | -21.2 | -38.88 | 6.43 | 1.72 | 3.01 | 0 | P |
| | | 5358.92 | -47.09 | -5.89 | -41.2 | -58.14 | 6.43 | 1.61 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11a (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 100 5500MHz | | 5453.84 | -35.04 | -13.84 | -21.2 | -47.36 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5466.32 | -29.38 | -2.38 | -27 | -41.71 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5460 | -51.01 | -9.81 | -41.2 | -63.33 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5500 | 17.85 | - | - | 5.49 | 7.82 | 1.53 | 3.01 | 0 | P |
| | * | 5500 | 7.91 | - | - | -4.45 | 7.82 | 1.53 | 3.01 | 0 | A |
| 802.11a CH 116 5580MHz | | 5447.68 | -24.92 | -3.72 | -21.2 | -37.23 | 7.82 | 1.48 | 3.01 | 0 | P |
| | | 5462.8 | -28.7 | -1.7 | -27 | -41.03 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.92 | -51.53 | -10.33 | -41.2 | -63.85 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5580 | 22.88 | - | - | 10.61 | 7.82 | 1.44 | 3.01 | 0 | P |
| | * | 5580 | 13.15 | - | - | 0.88 | 7.82 | 1.44 | 3.01 | 0 | A |
| | | 5746.73 | -31.04 | -4.04 | -27 | -43.2 | 7.82 | 1.33 | 3.01 | 0 | P |
| 802.11a CH 140 5700MHz | * | 5700 | 17.55 | - | - | 5.33 | 7.82 | 1.39 | 3.01 | 0 | P |
| | * | 5700 | 8 | - | - | -4.22 | 7.82 | 1.39 | 3.01 | 0 | A |
| | | 5729.8 | -30.02 | -3.02 | -27 | -42.2 | 7.82 | 1.35 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11a (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 100 5500MHz | | 8250 | -57.21 | -36.01 | -21.2 | -70.85 | 7.82 | 2.81 | 3.01 | 0 | P |
| | | 11000 | -64.36 | -43.16 | -21.2 | -77.96 | 7.82 | 2.77 | 3.01 | 0 | P |
| | | 16500 | -58.19 | -31.19 | -27 | -73.46 | 7.82 | 4.44 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| 802.11a CH 116 5580MHz | | 7440 | -45.01 | -23.81 | -21.2 | -58.45 | 7.82 | 2.61 | 3.01 | 0 | P |
| | | 11160 | -62.55 | -41.35 | -21.2 | -76.18 | 7.82 | 2.8 | 3.01 | 0 | P |
| | | 16740 | -57.54 | -30.54 | -27 | -72.11 | 7.82 | 3.74 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| 802.11a CH 140 5700MHz | | 7600 | -48.52 | -27.32 | -21.2 | -61.96 | 7.82 | 2.61 | 3.01 | 0 | P |
| | | 11400 | -62.2 | -41 | -21.2 | -75.88 | 7.82 | 2.85 | 3.01 | 0 | P |
| | | 17100 | -61.22 | -34.22 | -27 | -75.88 | 7.82 | 3.83 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 100 5500MHz | | 5454.64 | -34.78 | -13.58 | -21.2 | -47.1 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5460.4 | -30.28 | -3.28 | -27 | -42.6 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5459.92 | -50.82 | -9.62 | -41.2 | -63.14 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5500 | 17.92 | - | - | 5.56 | 7.82 | 1.53 | 3.01 | 0 | P |
| | * | 5500 | 7.19 | - | - | -5.17 | 7.82 | 1.53 | 3.01 | 0 | A |
| 802.11ax HE20 Full CH 116 5580MHz | | 5453.44 | -34.76 | -13.56 | -21.2 | -47.08 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5464 | -34.34 | -7.34 | -27 | -46.67 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5458.96 | -51.58 | -10.38 | -41.2 | -63.9 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5580 | 23.51 | - | - | 11.24 | 7.82 | 1.44 | 3.01 | 0 | P |
| | * | 5580 | 11.87 | - | - | -0.4 | 7.82 | 1.44 | 3.01 | 0 | A |
| | | 5733.185 | -36.29 | -9.29 | -27 | -48.47 | 7.82 | 1.35 | 3.01 | 0 | P |
| 802.11ax HE20 Full CH 140 5700MHz | * | 5700 | 15.91 | - | - | 3.69 | 7.82 | 1.39 | 3.01 | 0 | P |
| | * | 5700 | 4.06 | - | - | -8.16 | 7.82 | 1.39 | 3.01 | 0 | A |
| | | 5725.24 | -29.34 | -2.34 | -27 | -41.53 | 7.82 | 1.36 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 8250 | -53.66 | -32.46 | -21.2 | -67.3 | 7.82 | 2.81 | 3.01 | 0 | P |
| HE20 Full | | 11000 | -64.99 | -43.79 | -21.2 | -78.59 | 7.82 | 2.77 | 3.01 | 0 | P |
| CH 100 | | 16500 | -59.95 | -32.95 | -27 | -75.22 | 7.82 | 4.44 | 3.01 | 0 | P |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | | 7440 | -43.45 | -22.25 | -21.2 | -57.48 | 7.82 | 3.2 | 3.01 | 0 | P |
| HE20 Full | | 7440 | -44.07 | -2.87 | -41.2 | -58.1 | 7.82 | 3.2 | 3.01 | 0 | A |
| CH 116 | | 11160 | -62.55 | -41.35 | -21.2 | -76.37 | 7.82 | 2.99 | 3.01 | 0 | P |
| 5580MHz | | 16740 | -61.31 | -34.31 | -27 | -76.53 | 7.82 | 4.39 | 3.01 | 0 | P |
| 802.11ax | | 7600 | -44.45 | -23.25 | -21.2 | -58.46 | 7.82 | 3.18 | 3.01 | 0 | P |
| HE20 Full | | 7600 | -45.08 | -3.88 | -41.2 | -59.09 | 7.82 | 3.18 | 3.01 | 0 | A |
| CH 140 | | 11400 | -65.01 | -43.81 | -21.2 | -79.16 | 7.82 | 3.32 | 3.01 | 0 | P |
| 5700MHz | | 17100 | -61.92 | -34.92 | -27 | -77.08 | 7.82 | 4.33 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 26 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5430.48 | -38.08 | -16.88 | -21.2 | -50.77 | 7.82 | 1.86 | 3.01 | 0 | P |
| HE20 | | 5469.04 | -38.54 | -11.54 | -27 | -51.31 | 7.82 | 1.94 | 3.01 | 0 | P |
| Partial | | 5458 | -51.48 | -10.28 | -41.2 | -64.22 | 7.82 | 1.91 | 3.01 | 0 | A |
| 26/0 | * | 5500 | 24.17 | - | - | 11.34 | 7.82 | 2 | 3.01 | 0 | P |
| CH 100 | * | 5500 | 14.22 | - | - | 1.39 | 7.82 | 2 | 3.01 | 0 | A |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | | 5409.52 | -38.57 | -17.37 | -21.2 | -51.21 | 7.82 | 1.81 | 3.01 | 0 | P |
| HE20 | | 5468.8 | -38.58 | -11.58 | -27 | -51.35 | 7.82 | 1.94 | 3.01 | 0 | P |
| Partial | | 5458.96 | -51.99 | -10.79 | -41.2 | -64.74 | 7.82 | 1.92 | 3.01 | 0 | A |
| 26/4 | * | 5580 | 25.65 | - | - | 12.98 | 7.82 | 1.84 | 3.01 | 0 | P |
| CH 116 | * | 5580 | 15.56 | - | - | 2.89 | 7.82 | 1.84 | 3.01 | 0 | A |
| 5580MHz | | 5760.59 | -36.27 | -9.27 | -27 | -48.81 | 7.82 | 1.71 | 3.01 | 0 | P |
| 802.11ax | * | 5700 | 25.06 | - | - | 12.48 | 7.82 | 1.75 | 3.01 | 0 | P |
| HE20 | * | 5700 | 16.19 | - | - | 3.61 | 7.82 | 1.75 | 3.01 | 0 | A |
| Partial | | 5725.4 | -28.53 | -1.53 | -27 | -41.09 | 7.82 | 1.73 | 3.01 | 0 | P |
| 26/8 | | | | | | | | | | | |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 8250 | -54.98 | -33.78 | -21.2 | -68.62 | 7.82 | 2.81 | 3.01 | 0 | P |
| HE20 | | 11000 | -64.58 | -43.38 | -21.2 | -78.18 | 7.82 | 2.77 | 3.01 | 0 | P |
| Partial | | 16500 | -61.46 | -34.46 | -27 | -76.73 | 7.82 | 4.44 | 3.01 | 0 | P |
| 26/0 | | | | | | | | | | | P |
| CH 100 | | | | | | | | | | | |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | | 7440 | -42.49 | -21.29 | -21.2 | -55.56 | 7.82 | 2.24 | 3.01 | 0 | P |
| HE20 | | 7440 | -43.7 | -2.5 | -41.2 | -56.77 | 7.82 | 2.24 | 3.01 | 0 | A |
| Partial | | 11400 | -65.1 | -43.9 | -21.2 | -78.78 | 7.82 | 2.85 | 3.01 | 0 | P |
| 26/4 | | 17100 | -60.52 | -33.52 | -27 | -74.98 | 7.82 | 3.63 | 3.01 | 0 | P |
| CH 116 | | | | | | | | | | | |
| 5580MHz | | | | | | | | | | | |
| 802.11ax | | 7600 | -43.41 | -22.21 | -21.2 | -57.42 | 7.82 | 3.18 | 3.01 | 0 | P |
| HE20 | | 7600 | -43.79 | -2.59 | -41.2 | -57.8 | 7.82 | 3.18 | 3.01 | 0 | A |
| Partial | | 11400 | -63.83 | -42.63 | -21.2 | -77.98 | 7.82 | 3.32 | 3.01 | 0 | P |
| 26/8 | | 17100 | -59.93 | -32.93 | -27 | -75.09 | 7.82 | 4.33 | 3.01 | 0 | P |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5458.8 | -36.65 | -15.45 | -21.2 | -49.4 | 7.82 | 1.92 | 3.01 | 0 | P |
| HE20 | | 5470 | -33.37 | -6.37 | -27 | -46.14 | 7.82 | 1.94 | 3.01 | 0 | P |
| Partial | | 5459.76 | -50.17 | -8.97 | -41.2 | -62.92 | 7.82 | 1.92 | 3.01 | 0 | A |
| 52/37 | * | 5500 | 23.93 | - | - | 11.1 | 7.82 | 2 | 3.01 | 0 | P |
| CH 100 | * | 5500 | 14.29 | - | - | 1.46 | 7.82 | 2 | 3.01 | 0 | A |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | * | 5700 | 23.59 | - | - | 11.01 | 7.82 | 1.75 | 3.01 | 0 | P |
| HE20 | * | 5700 | 14.52 | - | - | 1.94 | 7.82 | 1.75 | 3.01 | 0 | A |
| Partial | | 5733.72 | -33.79 | -6.79 | -27 | -46.35 | 7.82 | 1.73 | 3.01 | 0 | P |
| 52/40 | | | | | | | | | | | |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5459.76 | -34.34 | -13.14 | -21.2 | -47.09 | 7.82 | 1.92 | 3.01 | 0 | P |
| HE20 | | 5469.84 | -29.39 | -2.39 | -27 | -42.16 | 7.82 | 1.94 | 3.01 | 0 | P |
| Partial | | 5458.8 | -52.23 | -11.03 | -41.2 | -64.98 | 7.82 | 1.92 | 3.01 | 0 | A |
| 106/53 | * | 5500 | 18.75 | - | - | 5.92 | 7.82 | 2 | 3.01 | 0 | P |
| CH 100 | * | 5500 | 8.61 | - | - | -4.22 | 7.82 | 2 | 3.01 | 0 | A |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | * | 5700 | 18.36 | - | - | 5.78 | 7.82 | 1.75 | 3.01 | 0 | P |
| HE20 | * | 5700 | 8.39 | - | - | -4.19 | 7.82 | 1.75 | 3.01 | 0 | A |
| Partial | | 5728.84 | -28.59 | -1.59 | -27 | -41.15 | 7.82 | 1.73 | 3.01 | 0 | P |
| 106/54 | | | | | | | | | | | |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 242 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5458.96 | -34.29 | -13.09 | -21.2 | -47.04 | 7.82 | 1.92 | 3.01 | 0 | P |
| HE20 | | 5469.84 | -28.51 | -1.51 | -27 | -41.28 | 7.82 | 1.94 | 3.01 | 0 | P |
| Partial | | 5459.6 | -52.19 | -10.99 | -41.2 | -64.94 | 7.82 | 1.92 | 3.01 | 0 | A |
| 242/61 | * | 5500 | 16.85 | - | - | 4.02 | 7.82 | 2 | 3.01 | 0 | P |
| CH 100 | * | 5500 | 5.21 | - | - | -7.62 | 7.82 | 2 | 3.01 | 0 | A |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | * | 5700 | 16.03 | - | - | 3.45 | 7.82 | 1.75 | 3.01 | 0 | P |
| HE20 | * | 5700 | 5.13 | - | - | -7.45 | 7.82 | 1.75 | 3.01 | 0 | A |
| Partial | | 5725 | -28.84 | -1.84 | -27 | -41.4 | 7.82 | 1.73 | 3.01 | 0 | P |
| 242/61 | | | | | | | | | | | |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE40 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 102 5510MHz | | 5453.95 | -28.47 | -7.27 | -21.2 | -40.79 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5465.02 | -30.83 | -3.83 | -27 | -43.16 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.89 | -49.97 | -8.77 | -41.2 | -62.29 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5510 | 15.07 | - | - | 2.72 | 7.82 | 1.52 | 3.01 | 0 | P |
| | * | 5510 | 4.2 | - | - | -8.15 | 7.82 | 1.52 | 3.01 | 0 | A |
| | | 5760.59 | -37.66 | -10.66 | -27 | -49.81 | 7.82 | 1.32 | 3.01 | 0 | P |
| 802.11ax HE40 Full CH 110 5550MHz | | 5456.11 | -28.1 | -6.9 | -21.2 | -40.42 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5463.94 | -29.26 | -2.26 | -27 | -41.59 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.89 | -49.66 | -8.46 | -41.2 | -61.98 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5550 | 17.47 | - | - | 5.16 | 7.82 | 1.48 | 3.01 | 0 | P |
| | * | 5550 | 6.25 | - | - | -6.06 | 7.82 | 1.48 | 3.01 | 0 | A |
| | | 5760.275 | -36.66 | -9.66 | -27 | -48.81 | 7.82 | 1.32 | 3.01 | 0 | P |
| 802.11ax HE40 Full CH 134 5670MHz | | 5455.82 | -39.63 | -18.43 | -21.2 | -51.95 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5466.92 | -38.89 | -11.89 | -27 | -51.22 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.15 | -52.33 | -11.13 | -41.2 | -64.65 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5670 | 16.81 | - | - | 4.58 | 7.82 | 1.4 | 3.01 | 0 | P |
| | * | 5670 | 5.2 | - | - | -7.03 | 7.82 | 1.4 | 3.01 | 0 | A |
| | | 5728.425 | -30.02 | -3.02 | -27 | -42.21 | 7.82 | 1.36 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7347 | -43.16 | -21.96 | -21.2 | -57.16 | 7.82 | 3.17 | 3.01 | 0 | P |
| HE40 Full | | 7347 | -43.69 | -2.49 | -41.2 | -57.69 | 7.82 | 3.17 | 3.01 | 0 | A |
| CH 102 | | 11020 | -64.68 | -43.48 | -21.2 | -78.31 | 7.82 | 2.8 | 3.01 | 0 | P |
| 5510MHz | | 16530 | -62.74 | -35.74 | -27 | -78.01 | 7.82 | 4.44 | 3.01 | 0 | P |
| 802.11ax | | 7400 | -42.46 | -21.26 | -21.2 | -56.51 | 7.82 | 3.22 | 3.01 | 0 | P |
| HE40 Full | | 7400 | -43.17 | -1.97 | -41.2 | -57.22 | 7.82 | 3.22 | 3.01 | 0 | A |
| CH 110 | | 11100 | -64.01 | -42.81 | -21.2 | -77.75 | 7.82 | 2.91 | 3.01 | 0 | P |
| 5550MHz | | 16650 | -62.87 | -35.87 | -27 | -78.11 | 7.82 | 4.41 | 3.01 | 0 | P |
| 802.11ax | | 7560 | -43.35 | -22.15 | -21.2 | -57.36 | 7.82 | 3.18 | 3.01 | 0 | P |
| HE40 Full | | 7560 | -43.77 | -2.57 | -41.2 | -57.78 | 7.82 | 3.18 | 3.01 | 0 | A |
| CH 134 | | 11340 | -65.06 | -43.86 | -21.2 | -79.13 | 7.82 | 3.24 | 3.01 | 0 | P |
| 5670MHz | | 17010 | -62.35 | -35.35 | -27 | -77.51 | 7.82 | 4.33 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Partial 484/65 CH 102 5510MHz | | 5459.62 | -29.86 | -8.66 | -21.2 | -42.61 | 7.82 | 1.92 | 3.01 | 0 | P |
| | | 5464.21 | -28.88 | -1.88 | -27 | -41.64 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5459.89 | -51.05 | -9.85 | -41.2 | -63.8 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5510 | 15.36 | - | - | 2.55 | 7.82 | 1.98 | 3.01 | 0 | P |
| | * | 5510 | 2.89 | - | - | -9.92 | 7.82 | 1.98 | 3.01 | 0 | A |
| | | 5760.275 | -38.93 | -11.93 | -27 | -51.47 | 7.82 | 1.71 | 3.01 | 0 | P |
| 802.11ax HE40 Partial 484/65 CH 110 5550MHz | | 5446.93 | -29.48 | -8.28 | -21.2 | -42.2 | 7.82 | 1.89 | 3.01 | 0 | P |
| | | 5469.88 | -30.31 | -3.31 | -27 | -43.08 | 7.82 | 1.94 | 3.01 | 0 | P |
| | | 5459.62 | -51.03 | -9.83 | -41.2 | -63.78 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5550 | 15.9 | - | - | 3.17 | 7.82 | 1.9 | 3.01 | 0 | P |
| | * | 5550 | 5.73 | - | - | -7 | 7.82 | 1.9 | 3.01 | 0 | A |
| | | 5760.59 | -38.82 | -11.82 | -27 | -51.36 | 7.82 | 1.71 | 3.01 | 0 | P |
| 802.11ax HE40 Partial 484/65 CH 134 5670MHz | | 5384.78 | -39.63 | -18.43 | -21.2 | -52.18 | 7.82 | 1.72 | 3.01 | 0 | P |
| | | 5460.63 | -40.17 | -13.17 | -27 | -52.92 | 7.82 | 1.92 | 3.01 | 0 | P |
| | | 5455.45 | -52.93 | -11.73 | -41.2 | -65.67 | 7.82 | 1.91 | 3.01 | 0 | A |
| | * | 5670 | 15.96 | - | - | 3.37 | 7.82 | 1.76 | 3.01 | 0 | P |
| | * | 5670 | 4.34 | - | - | -8.25 | 7.82 | 1.76 | 3.01 | 0 | A |
| | | 5728.075 | -31.9 | -4.9 | -27 | -44.46 | 7.82 | 1.73 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE80 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 106 5530MHz | | 5459.89 | -32.75 | -11.55 | -21.2 | -45.07 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5469.07 | -31.84 | -4.84 | -27 | -44.17 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5456.65 | -48.3 | -7.1 | -41.2 | -60.62 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5530 | 12.29 | - | - | -0.04 | 7.82 | 1.5 | 3.01 | 0 | P |
| | * | 5530 | 0.45 | - | - | -11.88 | 7.82 | 1.5 | 3.01 | 0 | A |
| | | 5760.59 | -37.14 | -10.14 | -27 | -49.29 | 7.82 | 1.32 | 3.01 | 0 | P |
| 802.11ax HE80 Full CH 122 5610MHz | | 5454.71 | -32.99 | -11.79 | -21.2 | -45.31 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5469.51 | -30.77 | -3.77 | -27 | -43.1 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.89 | -50.36 | -9.16 | -41.2 | -62.68 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5610 | 14.32 | - | - | 2.07 | 7.82 | 1.42 | 3.01 | 0 | P |
| | * | 5610 | 2.85 | - | - | -9.4 | 7.82 | 1.42 | 3.01 | 0 | A |
| | | 5729.475 | -28.72 | -1.72 | -27 | -40.9 | 7.82 | 1.35 | 3.01 | 0 | P |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 11060 | -64.89 | -43.69 | -21.2 | -78.58 | 7.82 | 2.86 | 3.01 | 0 | P |
| HE80 Full | | 16590 | -58.88 | -31.88 | -27 | -74.13 | 7.82 | 4.42 | 3.01 | 0 | P |
| CH 106 | | | | | | | | | | | |
| 5530MHz | | | | | | | | | | | |
| 802.11ax | | 7480 | -43.04 | -21.84 | -21.2 | -57.06 | 7.82 | 3.19 | 3.01 | 0 | P |
| HE80 Full | | 7480 | -43.68 | -2.48 | -41.2 | -57.7 | 7.82 | 3.19 | 3.01 | 0 | A |
| CH 122 | | 11220 | -62.43 | -41.23 | -21.2 | -76.33 | 7.82 | 3.07 | 3.01 | 0 | P |
| 5610MHz | | 16830 | -60.62 | -33.62 | -27 | -75.82 | 7.82 | 4.37 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 996/67 CH 106 5530MHz | | 5459.62 | -34.53 | -13.33 | -21.2 | -47.28 | 7.82 | 1.92 | 3.01 | 0 | P |
| | | 5466.1 | -30.68 | -3.68 | -27 | -43.44 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5459.89 | -49.19 | -7.99 | -41.2 | -61.94 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5530 | 9.33 | - | - | -3.44 | 7.82 | 1.94 | 3.01 | 0 | P |
| | * | 5530 | -1.31 | - | - | -14.08 | 7.82 | 1.94 | 3.01 | 0 | A |
| | | 5725.31 | -38.44 | -11.44 | -27 | -51 | 7.82 | 1.73 | 3.01 | 0 | P |
| 802.11ax HE80 Partial 996/67 CH 122 5610MHz | | 5460.1 | -32.13 | -5.13 | -27 | -44.88 | 7.82 | 1.92 | 3.01 | 0 | P |
| | | 5466.1 | -29.39 | -2.39 | -27 | -42.15 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5460 | -51.52 | -10.32 | -41.2 | -64.27 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5610 | 12.75 | - | - | 0.13 | 7.82 | 1.79 | 3.01 | 0 | P |
| | * | 5610 | 1.8 | - | - | -10.82 | 7.82 | 1.79 | 3.01 | 0 | A |
| | | 5743.61 | -29.27 | -2.27 | -27 | -41.82 | 7.82 | 1.72 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE160 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE160 Full CH 114 5570MHz | | 5388.7 | -33.73 | -12.53 | -21.2 | -45.98 | 7.82 | 1.42 | 3.01 | 0 | P |
| | | 5463.1 | -36.67 | -9.67 | -27 | -49 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5409.7 | -49.01 | -7.81 | -41.2 | -61.29 | 7.82 | 1.45 | 3.01 | 0 | A |
| | * | 5570 | 9.33 | - | - | -2.96 | 7.82 | 1.46 | 3.01 | 0 | P |
| | * | 5570 | -3.54 | - | - | -15.83 | 7.82 | 1.46 | 3.01 | 0 | A |
| | | 5728.43 | -29.27 | -2.27 | -27 | -41.46 | 7.82 | 1.36 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE160 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7427 | -42.78 | -21.58 | -21.2 | -56.82 | 7.82 | 3.21 | 3.01 | 0 | P |
| HE160 | | 7427 | -43.56 | -2.36 | -41.2 | -57.6 | 7.82 | 3.21 | 3.01 | 0 | A |
| Full | | 11140 | -63.22 | -42.02 | -21.2 | -77.01 | 7.82 | 2.96 | 3.01 | 0 | P |
| CH 114 | | 16710 | -60.92 | -33.92 | -27 | -76.14 | 7.82 | 4.39 | 3.01 | 0 | P |
| 5570MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE160 Partial 1992 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 1992/68 CH 114 5570MHz | | 5403.1 | -32.04 | -10.84 | -21.2 | -44.67 | 7.82 | 1.8 | 3.01 | 0 | P |
| | | 5468.2 | -37.15 | -10.15 | -27 | -49.92 | 7.82 | 1.94 | 3.01 | 0 | P |
| | | 5419.3 | -50.55 | -9.35 | -41.2 | -63.21 | 7.82 | 1.83 | 3.01 | 0 | A |
| | * | 5570 | 6.56 | - | - | -6.13 | 7.82 | 1.86 | 3.01 | 0 | P |
| | * | 5570 | -4.47 | - | - | -17.16 | 7.82 | 1.86 | 3.01 | 0 | A |
| | | 5728.43 | -29.71 | -2.71 | -27 | -42.27 | 7.82 | 1.73 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11a (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 144 5720MHz | | 5406.16 | -39.2 | -18 | -21.2 | -51.48 | 7.82 | 1.45 | 3.01 | 0 | P |
| | | 5463.1 | -39.81 | -12.81 | -27 | -52.14 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5417.47 | -52.44 | -11.24 | -41.2 | -64.73 | 7.82 | 1.46 | 3.01 | 0 | A |
| | * | 5720 | 22.59 | - | - | 10.39 | 7.82 | 1.37 | 3.01 | 0 | P |
| | * | 5720 | 13.33 | - | - | 1.13 | 7.82 | 1.37 | 3.01 | 0 | A |
| | | 5854 | -30.65 | -3.65 | -27 | -42.84 | 7.82 | 1.36 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11a (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 144 5720MHz | | 7627 | -48.54 | -27.34 | -21.2 | -61.99 | 7.82 | 2.62 | 3.01 | 0 | P |
| | | 11440 | -60.54 | -39.34 | -21.2 | -74.23 | 7.82 | 2.86 | 3.01 | 0 | P |
| | | 17160 | -56.85 | -29.85 | -27 | -71.52 | 7.82 | 3.84 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE20 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 144 5720MHz | | 5457.25 | -39.02 | -17.82 | -21.2 | -51.34 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5466.22 | -39.34 | -12.34 | -27 | -51.67 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5420.98 | -52.38 | -11.18 | -41.2 | -64.67 | 7.82 | 1.46 | 3.01 | 0 | A |
| | * | 5720 | 23.41 | - | - | 11.21 | 7.82 | 1.37 | 3.01 | 0 | P |
| | * | 5720 | 12.88 | - | - | 0.68 | 7.82 | 1.37 | 3.01 | 0 | A |
| | | 5850.25 | -29.87 | -2.87 | -27 | -42.05 | 7.82 | 1.35 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 144 5720MHz | | 7627 | -43.88 | -22.68 | -21.2 | -57.89 | 7.82 | 3.18 | 3.01 | 0 | P |
| | | 7627 | -44.4 | -3.2 | -41.2 | -58.41 | 7.82 | 3.18 | 3.01 | 0 | A |
| | | 11440 | -63.43 | -42.23 | -21.2 | -77.63 | 7.82 | 3.37 | 3.01 | 0 | P |
| | | 17160 | -57.47 | -30.47 | -27 | -72.63 | 7.82 | 4.33 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE20 Partial 26 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Partial 26/8 CH 144 5720MHz | | 5458.03 | -38.78 | -17.58 | -21.2 | -51.52 | 7.82 | 1.91 | 3.01 | 0 | P |
| | | 5465.44 | -39.79 | -12.79 | -27 | -52.55 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5420.98 | -52.25 | -11.05 | -41.2 | -64.92 | 7.82 | 1.84 | 3.01 | 0 | A |
| | * | 5720 | 24.55 | - | - | 11.98 | 7.82 | 1.74 | 3.01 | 0 | P |
| | * | 5720 | 14.85 | - | - | 2.28 | 7.82 | 1.74 | 3.01 | 0 | A |
| | | 5920.25 | -37.41 | -10.41 | -27 | -49.93 | 7.82 | 1.69 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7627 | -43.3 | -22.1 | -21.2 | -57.31 | 7.82 | 3.18 | 3.01 | 0 | P |
| HE20 | | 7627 | -43.77 | -2.57 | -41.2 | -57.78 | 7.82 | 3.18 | 3.01 | 0 | A |
| Partial | | 11440 | -61.7 | -40.5 | -21.2 | -75.9 | 7.82 | 3.37 | 3.01 | 0 | P |
| 26/8 | | 17160 | -61.35 | -34.35 | -27 | -76.51 | 7.82 | 4.33 | 3.01 | 0 | P |
| CH 144 | | | | | | | | | | | |
| 5720MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE40 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 142 5710MHz | | 5406.16 | -39.34 | -18.14 | -21.2 | -51.62 | 7.82 | 1.45 | 3.01 | 0 | P |
| | | 5466.61 | -39.03 | -12.03 | -27 | -51.36 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.98 | -52.45 | -11.25 | -41.2 | -64.77 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5710 | 18.82 | - | - | 6.61 | 7.82 | 1.38 | 3.01 | 0 | P |
| | * | 5710 | 7.24 | - | - | -4.97 | 7.82 | 1.38 | 3.01 | 0 | A |
| | | 5857.75 | -29.04 | -2.04 | -27 | -41.23 | 7.82 | 1.36 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 142 5710MHz | | 7613.3 | -43.54 | -22.34 | -21.2 | -57.55 | 7.82 | 3.18 | 3.01 | 0 | P |
| | | 7613.3 | -44.19 | -2.99 | -41.2 | -58.2 | 7.82 | 3.18 | 3.01 | 0 | A |
| | | 11420 | -65.07 | -43.87 | -21.2 | -79.25 | 7.82 | 3.35 | 3.01 | 0 | P |
| | | 17130 | -62.9 | -35.9 | -27 | -78.06 | 7.82 | 4.33 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Partial 484/65 CH 142 5710MHz | | 5446.72 | -39.7 | -18.5 | -21.2 | -52.42 | 7.82 | 1.89 | 3.01 | 0 | P |
| | | 5463.49 | -40.04 | -13.04 | -27 | -52.8 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5456.47 | -52.28 | -11.08 | -41.2 | -65.02 | 7.82 | 1.91 | 3.01 | 0 | A |
| | * | 5710 | 18.89 | - | - | 6.32 | 7.82 | 1.74 | 3.01 | 0 | P |
| | * | 5710 | 8.05 | - | - | -4.52 | 7.82 | 1.74 | 3.01 | 0 | A |
| | | 5855.5 | -29.11 | -2.11 | -27 | -41.62 | 7.82 | 1.68 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE40 Partial 484 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7613.3 | -42.52 | -21.32 | -21.2 | -56.53 | 7.82 | 3.18 | 3.01 | 0 | P |
| HE40 | | 7613.3 | -43.58 | -2.38 | -41.2 | -57.59 | 7.82 | 3.18 | 3.01 | 0 | A |
| Partial | | 11420 | -62.1 | -40.9 | -21.2 | -76.28 | 7.82 | 3.35 | 3.01 | 0 | P |
| 484/65 | | 17130 | -60.72 | -33.72 | -27 | -75.88 | 7.82 | 4.33 | 3.01 | 0 | P |
| CH 142 | | | | | | | | | | | |
| 5710MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE80 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 138 5690MHz | | 5446.33 | -35.69 | -14.49 | -21.2 | -48 | 7.82 | 1.48 | 3.01 | 0 | P |
| | | 5470.12 | -33.39 | -88.19 | 54.8 | -45.72 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.98 | -50.11 | -8.91 | -41.2 | -62.43 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5690 | 15.71 | - | - | 3.49 | 7.82 | 1.39 | 3.01 | 0 | P |
| | * | 5690 | 4.47 | - | - | -7.75 | 7.82 | 1.39 | 3.01 | 0 | A |
| | | 5868.8 | -29.46 | -2.46 | -27 | -41.67 | 7.82 | 1.38 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 138 5690MHz | | 7587 | -43.69 | -22.49 | -21.2 | -57.7 | 7.82 | 3.18 | 3.01 | 0 | P |
| | | 7587 | -44.29 | -3.09 | -41.2 | -58.3 | 7.82 | 3.18 | 3.01 | 0 | A |
| | | 11380 | -65.04 | -43.84 | -21.2 | -79.16 | 7.82 | 3.29 | 3.01 | 0 | P |
| | | 17070 | -62.47 | -35.47 | -27 | -77.63 | 7.82 | 4.33 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 996/67 CH 138 5690MHz | | 5450.23 | -37.1 | -15.9 | -21.2 | -49.83 | 7.82 | 1.9 | 3.01 | 0 | P |
| | | 5468.17 | -37.13 | -10.13 | -27 | -49.9 | 7.82 | 1.94 | 3.01 | 0 | P |
| | | 5458.42 | -51.36 | -10.16 | -41.2 | -64.11 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5690 | 14.82 | 41.82 | -27 | 2.24 | 7.82 | 1.75 | 3.01 | 0 | P |
| | * | 5690 | 3.86 | 45.06 | -41.2 | -8.72 | 7.82 | 1.75 | 3.01 | 0 | A |
| | | 5851.65 | -32.25 | -5.25 | -27 | -44.76 | 7.82 | 1.68 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE80 Partial 996 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7586.6 | -41.34 | -20.14 | -21.2 | -55.35 | 7.82 | 3.18 | 3.01 | 0 | P |
| HE80 | | 7586.6 | -42.34 | -1.14 | -41.2 | -56.35 | 7.82 | 3.18 | 3.01 | 0 | A |
| Partial | | 11380 | -63.5 | -42.3 | -21.2 | -77.62 | 7.82 | 3.29 | 3.01 | 0 | P |
| 996/67 | | 17070 | -61.24 | -34.24 | -27 | -76.4 | 7.82 | 4.33 | 3.01 | 0 | P |
| CH 138 | | | | | | | | | | | |
| 5690MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**Emission above 25GHz**

**WIFI 802.11ax HE80 Full (SHF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 5GHz | | 39736 | -47.69 | -26.49 | -21.2 | -70.92 | 6.43 | 13.79 | 3.01 | 0 | P |
| 802.11ax | | | | | | | | | | | |
| HE80 | | | | | | | | | | | |
| Full | | | | | | | | | | | |
| SHF | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**Emission below 1GHz**

**WIFI 802.11ax HE80 Full (LF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 4 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 5GHz 802.11ax HE80 Full LF | | 81.3 | -76.75 | -21.55 | -55.2 | -91.14 | 6.43 | 0.25 | 3.01 | 4.7 | P |
| | | 151.77 | -75.67 | -23.97 | -51.7 | -90.17 | 6.43 | 0.36 | 3.01 | 4.7 | P |
| | | 233.85 | -75.41 | -26.21 | -49.2 | -90.02 | 6.43 | 0.47 | 3.01 | 4.7 | P |
| | | 342 | -75.62 | -26.42 | -49.2 | -90.31 | 6.43 | 0.55 | 3.01 | 4.7 | P |
| | | 663.3 | -74.48 | -25.28 | -49.2 | -89.41 | 6.43 | 0.79 | 3.01 | 4.7 | P |
| | | 841.1 | -73.67 | -24.47 | -49.2 | -88.8 | 6.43 | 0.99 | 3.01 | 4.7 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11a (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 36 5180MHz | | 5147.16 | -38.28 | -17.08 | -21.2 | -49.03 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -51.17 | -9.97 | -41.2 | -61.92 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5180 | 18.12 | - | - | 7.37 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5180 | 6.72 | - | - | -4.03 | 6.36 | 1.38 | 3.01 | 0 | A |
| 802.11a CH 44 5220MHz | | 5144.04 | -39.62 | -18.42 | -21.2 | -50.37 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150.02 | -52.9 | -107.7 | 54.8 | -63.65 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5220 | 17.69 | - | - | 6.95 | 6.36 | 1.37 | 3.01 | 0 | P |
| | * | 5220 | 6.77 | - | - | -3.97 | 6.36 | 1.37 | 3.01 | 0 | A |
| | | 5367.6 | -40.28 | -19.08 | -21.2 | -51.05 | 6.36 | 1.4 | 3.01 | 0 | P |
| | | 5369.28 | -53.85 | -12.65 | -41.2 | -64.62 | 6.36 | 1.4 | 3.01 | 0 | A |
| 802.11a CH 48 5240MHz | | 5140.66 | -40.53 | -19.33 | -21.2 | -51.28 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -53.73 | -12.53 | -41.2 | -64.48 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5240 | 18.1 | - | - | 7.38 | 6.36 | 1.35 | 3.01 | 0 | P |
| | * | 5240 | 6.87 | - | - | -3.85 | 6.36 | 1.35 | 3.01 | 0 | A |
| | | 5363.68 | -39.83 | -18.63 | -21.2 | -50.59 | 6.36 | 1.39 | 3.01 | 0 | P |
| | | 5350.24 | -53.77 | -12.57 | -41.2 | -64.51 | 6.36 | 1.37 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 5150~5250MHz**

**WIFI 802.11a (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 36 5180MHz | | 10360 | -55.33 | -28.33 | -27 | -67.54 | 6.36 | 2.84 | 3.01 | 0 | P |
| | | 15540 | -61.06 | -39.86 | -21.2 | -74.75 | 6.36 | 4.32 | 3.01 | 0 | P |
| | | 20720 | -52.59 | -31.39 | -21.2 | -66.42 | 6.36 | 4.46 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11a CH 44 5220MHz | | 10440 | -66.55 | -39.55 | -27 | -78.77 | 6.36 | 2.85 | 3.01 | 0 | P |
| | | 15660 | -61.24 | -40.04 | -21.2 | -74.94 | 6.36 | 4.33 | 3.01 | 0 | P |
| | | 20880 | -54.07 | -32.87 | -21.2 | -67.96 | 6.36 | 4.52 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11a CH 48 5240MHz | | 8384 | -53.43 | -32.23 | -21.2 | -65.3 | 6.36 | 2.5 | 3.01 | 0 | P |
| | | 10480 | -63.31 | -36.31 | -27 | -75.53 | 6.36 | 2.85 | 3.01 | 0 | P |
| | | 15720 | -61.48 | -40.28 | -21.2 | -75.18 | 6.36 | 4.33 | 3.01 | 0 | P |
| | | 20960 | -56.74 | -35.54 | -21.2 | -70.66 | 6.36 | 4.55 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 36 5180MHz | | 5148.98 | -37.22 | -16.02 | -21.2 | -47.97 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -51.06 | -9.86 | -41.2 | -61.81 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5180 | 17.36 | - | - | 6.61 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5180 | 6.83 | - | - | -3.92 | 6.36 | 1.38 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE20 Full CH 44 5220MHz | | 5143.26 | -39.74 | -18.54 | -21.2 | -50.49 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -53 | -11.8 | -41.2 | -63.75 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5220 | 17.23 | - | - | 6.49 | 6.36 | 1.37 | 3.01 | 0 | P |
| | * | 5220 | 6.51 | - | - | -4.23 | 6.36 | 1.37 | 3.01 | 0 | A |
| | | 5430.04 | -40.25 | -19.05 | -21.2 | -51.09 | 6.36 | 1.47 | 3.01 | 0 | P |
| | | 5375.16 | -53.84 | -12.64 | -41.2 | -64.61 | 6.36 | 1.4 | 3.01 | 0 | A |
| 802.11ax HE20 Full CH 48 5240MHz | | 5120.12 | -40.31 | -19.11 | -21.2 | -51.06 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5149.76 | -53.53 | -12.33 | -41.2 | -64.28 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5240 | 16.93 | - | - | 6.21 | 6.36 | 1.35 | 3.01 | 0 | P |
| | * | 5240 | 7.07 | - | - | -3.65 | 6.36 | 1.35 | 3.01 | 0 | A |
| | | 5352.76 | -40.54 | -19.34 | -21.2 | -51.29 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5350.24 | -53.47 | -12.27 | -41.2 | -64.21 | 6.36 | 1.37 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 5150~5250MHz**

**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 36 5180MHz | | 10360 | -54.1 | -27.1 | -27 | -66.31 | 6.36 | 2.84 | 3.01 | 0 | P |
| | | 15540 | -61.63 | -40.43 | -21.2 | -75.32 | 6.36 | 4.32 | 3.01 | 0 | P |
| | | 20720 | -54.16 | -32.96 | -21.2 | -67.99 | 6.36 | 4.46 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE20 Full CH 44 5220MHz | | 10440 | -66.94 | -39.94 | -27 | -79.16 | 6.36 | 2.85 | 3.01 | 0 | P |
| | | 15660 | -60.98 | -39.78 | -21.2 | -74.68 | 6.36 | 4.33 | 3.01 | 0 | P |
| | | 20880 | -53.87 | -32.67 | -21.2 | -67.76 | 6.36 | 4.52 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE20 Full CH 48 5240MHz | | 8384 | -50.53 | -29.33 | -21.2 | -62.4 | 6.36 | 2.5 | 3.01 | 0 | P |
| | | 10480 | -64.99 | -37.99 | -27 | -77.21 | 6.36 | 2.85 | 3.01 | 0 | P |
| | | 15720 | -62.25 | -41.05 | -21.2 | -75.95 | 6.36 | 4.33 | 3.01 | 0 | P |
| | | 20960 | -57.01 | -35.81 | -21.2 | -70.93 | 6.36 | 4.55 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 26 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Partial 26/0 CH 36 5180MHz | | 5038.74 | -40.85 | -19.65 | -21.2 | -51.51 | 6.36 | 1.29 | 3.01 | 0 | P |
| | | 5139.1 | -53.92 | -12.72 | -41.2 | -64.67 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5180 | 17.8 | - | - | 7.05 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5180 | 6.79 | - | - | -3.96 | 6.36 | 1.38 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE20 Partial 26/4 CH 44 5220MHz | | 5138.84 | -40.72 | -19.52 | -21.2 | -51.47 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5149.76 | -54.13 | -12.93 | -41.2 | -64.88 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5220 | 17.3 | - | - | 6.56 | 6.36 | 1.37 | 3.01 | 0 | P |
| | * | 5220 | 7.48 | - | - | -3.26 | 6.36 | 1.37 | 3.01 | 0 | A |
| | | 5432.56 | -40.17 | -18.97 | -21.2 | -51.01 | 6.36 | 1.47 | 3.01 | 0 | P |
| | | 5374.88 | -53.91 | -12.71 | -41.2 | -64.68 | 6.36 | 1.4 | 3.01 | 0 | A |
| 802.11ax HE20 Partial 26/8 CH 48 5240MHz | | 5113.62 | -40.36 | -19.16 | -21.2 | -51.11 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -54.24 | -13.04 | -41.2 | -64.99 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5240 | 17.74 | - | - | 7.02 | 6.36 | 1.35 | 3.01 | 0 | P |
| | * | 5240 | 8.18 | - | - | -2.54 | 6.36 | 1.35 | 3.01 | 0 | A |
| | | 5444.04 | -40.41 | -19.21 | -21.2 | -51.26 | 6.36 | 1.48 | 3.01 | 0 | P |
| | | 5402.32 | -54.01 | -12.81 | -41.2 | -64.82 | 6.36 | 1.44 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 10360 | -56.44 | -29.44 | -27 | -68.65 | 6.36 | 2.84 | 3.01 | 0 | P |
| HE20 | | 15540 | -61.69 | -40.49 | -21.2 | -75.38 | 6.36 | 4.32 | 3.01 | 0 | P |
| Partial | | 20720 | -53.97 | -32.77 | -21.2 | -67.8 | 6.36 | 4.46 | 3.01 | 0 | |
| 26/0 | | | | | | | | | | | |
| CH 36 | | | | | | | | | | | |
| 5180MHz | | | | | | | | | | | |
| 802.11ax | | 6960 | -32.14 | -5.14 | -27 | -42.99 | 6.36 | 1.48 | 3.01 | 0 | P |
| HE20 | | 10440 | -66.58 | -39.58 | -27 | -78.8 | 6.36 | 2.85 | 3.01 | 0 | P |
| Partial | | 15660 | -59.91 | -38.71 | -21.2 | -73.61 | 6.36 | 4.33 | 3.01 | 0 | P |
| 26/4 | | 20880 | -53.72 | -32.52 | -21.2 | -67.61 | 6.36 | 4.52 | 3.01 | 0 | |
| CH 44 | | | | | | | | | | | |
| 5220MHz | | | | | | | | | | | |
| 802.11ax | | 8384 | -50.86 | -29.66 | -21.2 | -62.73 | 6.36 | 2.5 | 3.01 | 0 | P |
| HE20 | | 10480 | -66.54 | -39.54 | -27 | -78.76 | 6.36 | 2.85 | 3.01 | 0 | P |
| Partial | | 15720 | -61.62 | -40.42 | -21.2 | -75.32 | 6.36 | 4.33 | 3.01 | 0 | P |
| 26/8 | | 20960 | -56.16 | -34.96 | -21.2 | -70.08 | 6.36 | 4.55 | 3.01 | 0 | P |
| CH 48 | | | | | | | | | | | |
| 5240MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5122.46 | -39.98 | -18.78 | -21.2 | -50.73 | 6.36 | 1.38 | 3.01 | 0 | P |
| HE20 | | 5149.5 | -53.38 | -12.18 | -41.2 | -64.13 | 6.36 | 1.38 | 3.01 | 0 | A |
| Partial | * | 5180 | 16.39 | - | - | 5.64 | 6.36 | 1.38 | 3.01 | 0 | P |
| 52/37 | * | 5180 | 7.55 | - | - | -3.2 | 6.36 | 1.38 | 3.01 | 0 | A |
| CH 36 | | | | | | | | | | | |
| 5180MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5147.94 | -38.97 | -17.77 | -21.2 | -49.72 | 6.36 | 1.38 | 3.01 | 0 | P |
| HE20 | | 5149.76 | -53.01 | -11.81 | -41.2 | -63.76 | 6.36 | 1.38 | 3.01 | 0 | A |
| Partial | * | 5180 | 17.25 | - | - | 6.5 | 6.36 | 1.38 | 3.01 | 0 | P |
| 106/53 | * | 5180 | 7.21 | - | - | -3.54 | 6.36 | 1.38 | 3.01 | 0 | A |
| CH 36 | | | | | | | | | | | |
| 5180MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 242 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5147.16 | -31.13 | -9.93 | -21.2 | -41.88 | 6.36 | 1.38 | 3.01 | 0 | P |
| HE20 | | 5149.76 | -49.5 | -8.3 | -41.2 | -60.25 | 6.36 | 1.38 | 3.01 | 0 | A |
| Partial | * | 5180 | 18.81 | - | - | 8.06 | 6.36 | 1.38 | 3.01 | 0 | P |
| 242/61 | * | 5180 | 7.85 | - | - | -2.9 | 6.36 | 1.38 | 3.01 | 0 | A |
| CH 36 | | | | | | | | | | | |
| 5180MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE40 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 38 5190MHz | | 5148.2 | -30.56 | -9.36 | -21.2 | -41.31 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -44.96 | -3.76 | -41.2 | -55.71 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5190 | 14.86 | - | - | 4.11 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5190 | 3.38 | - | - | -7.37 | 6.36 | 1.38 | 3.01 | 0 | A |
| | | 5360.04 | -39.71 | -18.51 | -21.2 | -50.47 | 6.36 | 1.39 | 3.01 | 0 | P |
| | | 5350.24 | -52.86 | -11.66 | -41.2 | -63.6 | 6.36 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE40 Full CH 46 5230MHz | | 5148.2 | -34.17 | -12.97 | -21.2 | -44.92 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -47.99 | -6.79 | -41.2 | -58.74 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5230 | 17.36 | - | - | 6.63 | 6.36 | 1.36 | 3.01 | 0 | P |
| | * | 5230 | 5.94 | - | - | -4.79 | 6.36 | 1.36 | 3.01 | 0 | A |
| | | 5359.76 | -35.78 | -14.58 | -21.2 | -46.54 | 6.36 | 1.39 | 3.01 | 0 | P |
| | | 5350.24 | -49.67 | -8.47 | -41.2 | -60.41 | 6.36 | 1.37 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 10380 | -62.75 | -35.75 | -27 | -74.96 | 6.36 | 2.84 | 3.01 | 0 | P |
| HE40 Full | | 15570 | -61.02 | -39.82 | -21.2 | -74.71 | 6.36 | 4.32 | 3.01 | 0 | P |
| CH 38 | | 20760 | -52.59 | -31.39 | -21.2 | -66.43 | 6.36 | 4.47 | 3.01 | 0 | P |
| 5190MHz | | | | | | | | | | | |
| 802.11ax | | 10460 | -67.64 | -40.64 | -27 | -79.86 | 6.36 | 2.85 | 3.01 | 0 | P |
| HE40 Full | | 15690 | -60.86 | -39.66 | -21.2 | -74.56 | 6.36 | 4.33 | 3.01 | 0 | P |
| CH 46 | | 20920 | -57.4 | -36.2 | -21.2 | -71.31 | 6.36 | 4.54 | 3.01 | 0 | P |
| 5230MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE40 Partial 484 (Band Edge )**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Partial 484/65 CH 38 5190MHz | | 5141.96 | -30.67 | -9.47 | -21.2 | -41.42 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5149.76 | -46.42 | -5.22 | -41.2 | -57.17 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5190 | 12.51 | - | - | 1.76 | 6.36 | 1.38 | 3.01 | 0 | P |
| | * | 5190 | 4.11 | - | - | -6.64 | 6.36 | 1.38 | 3.01 | 0 | A |
| | | 5410.16 | -39.19 | -17.99 | -21.2 | -50.01 | 6.36 | 1.45 | 3.01 | 0 | P |
| | | 5353.88 | -53.85 | -12.65 | -41.2 | -64.6 | 6.36 | 1.38 | 3.01 | 0 | A |
| 802.11ax HE40 Partial 484/65 CH 46 5230MHz | | 5145.34 | -34.25 | -13.05 | -21.2 | -45 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5149.76 | -50.39 | -9.19 | -41.2 | -61.14 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5230 | 15.36 | - | - | 4.63 | 6.36 | 1.36 | 3.01 | 0 | P |
| | * | 5230 | 4.28 | - | - | -6.45 | 6.36 | 1.36 | 3.01 | 0 | A |
| | | 5415.76 | -38.69 | -17.49 | -21.2 | -49.52 | 6.36 | 1.46 | 3.01 | 0 | P |
| | | 5350.8 | -51.62 | -10.42 | -41.2 | -62.36 | 6.36 | 1.37 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 42 5210MHz | | 5130 | -28.08 | -6.88 | -21.2 | -38.83 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5132.6 | -43.6 | -2.4 | -41.2 | -54.35 | 6.36 | 1.38 | 3.01 | 0 | A |
| | * | 5210 | 10.6 | - | - | -0.14 | 6.36 | 1.37 | 3.01 | 0 | P |
| | * | 5210 | 0.01 | - | - | -10.73 | 6.36 | 1.37 | 3.01 | 0 | A |
| | | 5360.04 | -38.39 | -17.19 | -21.2 | -49.15 | 6.36 | 1.39 | 3.01 | 0 | P |
| | | 5353.04 | -52.04 | -10.84 | -41.2 | -62.79 | 6.36 | 1.38 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 42 5210MHz | | 6946 | -32.65 | -5.65 | -27 | -43.5 | 6.36 | 1.48 | 3.01 | 0 | P |
| | | 10420 | -68.43 | -41.43 | -27 | -80.65 | 6.36 | 2.85 | 3.01 | 0 | P |
| | | 15630 | -59.83 | -38.63 | -21.2 | -73.52 | 6.36 | 4.32 | 3.01 | 0 | P |
| | | 20840 | -50.94 | -29.74 | -21.2 | -64.82 | 6.36 | 4.51 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 996/67 CH 42 5210MHz | | 5144.82 | -24.84 | -3.64 | -21.2 | -36 | 6.36 | 1.79 | 3.01 | 0 | P |
| | | 5130.52 | -44.24 | -3.04 | -41.2 | -55.41 | 6.36 | 1.8 | 3.01 | 0 | A |
| | * | 5210 | 8.87 | - | - | -2.22 | 6.36 | 1.72 | 3.01 | 0 | P |
| | * | 5210 | -0.83 | - | - | -11.92 | 6.36 | 1.72 | 3.01 | 0 | A |
| | | 5365.92 | -32.24 | -11.04 | -21.2 | -43.22 | 6.36 | 1.61 | 3.01 | 0 | P |
| | | 5351.64 | -52.63 | -11.43 | -41.2 | -63.55 | 6.36 | 1.55 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE160 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE160 Full CH 50 5250MHz | | 5121.04 | -33.4 | -12.2 | -21.2 | -44.22 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5100.98 | -48.62 | -7.42 | -41.2 | -59.44 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5250 | 5.26 | - | - | -5.52 | 6.43 | 1.34 | 3.01 | 0 | P |
| | * | 5250 | -3.57 | - | - | -14.35 | 6.43 | 1.34 | 3.01 | 0 | A |
| | | 5405.96 | -24.65 | -3.45 | -21.2 | -35.54 | 6.43 | 1.45 | 3.01 | 0 | P |
| | | 5402.32 | -47.34 | -6.14 | -41.2 | -58.22 | 6.43 | 1.44 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE160 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7000 | -33.89 | -6.89 | -27 | -44.8 | 6.43 | 1.47 | 3.01 | 0 | P |
| HE160 | | 10500 | -67.94 | -40.94 | -27 | -80.24 | 6.43 | 2.86 | 3.01 | 0 | P |
| Full | | 15750 | -63.58 | -42.38 | -21.2 | -77.35 | 6.43 | 4.33 | 3.01 | 0 | P |
| CH 50 | | 21000 | -54.4 | -33.2 | -21.2 | -68.41 | 6.43 | 4.57 | 3.01 | 0 | |
| 5250MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE160 Partial 1992 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE160 Partial 1992/68 CH 50 5250MHz | | 5123.08 | -29.17 | -7.97 | -21.2 | -40.4 | 6.43 | 1.79 | 3.01 | 0 | P |
| | | 5100.98 | -49.17 | -7.97 | -41.2 | -60.41 | 6.43 | 1.8 | 3.01 | 0 | A |
| | * | 5250 | 7.38 | - | - | -3.61 | 6.43 | 1.55 | 3.01 | 0 | P |
| | * | 5250 | -4.67 | - | - | -15.66 | 6.43 | 1.55 | 3.01 | 0 | A |
| | | 5396.16 | -25.62 | -4.42 | -21.2 | -36.84 | 6.43 | 1.78 | 3.01 | 0 | P |
| | | 5383 | -47.98 | -6.78 | -41.2 | -59.14 | 6.43 | 1.72 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11a (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 52 5260MHz | | 5146.2 | -33.26 | -12.06 | -21.2 | -44.08 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.6 | -52.16 | -10.96 | -41.2 | -62.98 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5260 | 23.6 | - | - | 12.82 | 6.43 | 1.34 | 3.01 | 0 | P |
| | * | 5260 | 12.68 | - | - | 1.9 | 6.43 | 1.34 | 3.01 | 0 | A |
| | | 5360.6 | -27.73 | -6.53 | -21.2 | -38.56 | 6.43 | 1.39 | 3.01 | 0 | P |
| | | 5350.52 | -48.5 | -7.3 | -41.2 | -59.31 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11a CH 60 5300MHz | | 5048.28 | -40.54 | -19.34 | -21.2 | -51.29 | 6.43 | 1.31 | 3.01 | 0 | P |
| | | 5148.92 | -53.89 | -12.69 | -41.2 | -64.71 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5300 | 22.32 | - | - | 11.58 | 6.43 | 1.3 | 3.01 | 0 | P |
| | * | 5300 | 10.74 | - | - | 0 | 6.43 | 1.3 | 3.01 | 0 | A |
| | | 5352.2 | -23.24 | -2.04 | -21.2 | -34.06 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5351.64 | -48.27 | -7.07 | -41.2 | -59.08 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11a CH 64 5320MHz | * | 5320 | 20.01 | - | - | 9.24 | 6.43 | 1.33 | 3.01 | 0 | P |
| | * | 5320 | 8.78 | - | - | -1.99 | 6.43 | 1.33 | 3.01 | 0 | A |
| | | 5358.4 | -28.22 | -7.02 | -21.2 | -39.05 | 6.43 | 1.39 | 3.01 | 0 | P |
| | | 5350.24 | -49.03 | -7.83 | -41.2 | -59.84 | 6.43 | 1.37 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A 5250~5350MHz**

**WIFI 802.11a (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 52 5260MHz | | 10520 | -55.33 | -28.33 | -27 | -67.63 | 6.43 | 2.86 | 3.01 | 0 | P |
| | | 15780 | -54.28 | -33.08 | -21.2 | -68.06 | 6.43 | 4.34 | 3.01 | 0 | P |
| | | 21040 | -53.97 | -32.77 | -21.2 | -68 | 6.43 | 4.59 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| 802.11a CH 60 5300MHz | | 8480 | -58.98 | -37.78 | -21.2 | -70.72 | 6.43 | 2.3 | 3.01 | 0 | P |
| | | 10600 | -65.61 | -38.61 | -27 | -77.92 | 6.43 | 2.87 | 3.01 | 0 | P |
| | | 15900 | -59.68 | -38.48 | -21.2 | -73.47 | 6.43 | 4.35 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| | | | | | | | | | | | P |
| 802.11a CH 64 5320MHz | | 7093.3 | -38.95 | -11.95 | -27 | -51.4 | 6.43 | 3.01 | 3.01 | 0 | P |
| | | 10640 | -66.47 | -45.27 | -21.2 | -78.78 | 6.43 | 2.87 | 3.01 | 0 | P |
| | | 15960 | -62.31 | -41.11 | -21.2 | -76.1 | 6.43 | 4.35 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 52 5260MHz | | 5145.52 | -35.42 | -14.22 | -21.2 | -46.24 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.94 | -52.41 | -11.21 | -41.2 | -63.23 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5260 | 23.24 | - | - | 12.46 | 6.43 | 1.34 | 3.01 | 0 | P |
| | * | 5260 | 12.55 | - | - | 1.77 | 6.43 | 1.34 | 3.01 | 0 | A |
| | | 5355 | -24.28 | -3.08 | -21.2 | -35.1 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5350 | -48.5 | -7.3 | -41.2 | -59.31 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE20 Full CH 60 5300MHz | | 5037.06 | -40.94 | -19.74 | -21.2 | -51.67 | 6.43 | 1.29 | 3.01 | 0 | P |
| | | 5146.54 | -54.19 | -12.99 | -41.2 | -65.01 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5300 | 20.5 | - | - | 9.76 | 6.43 | 1.3 | 3.01 | 0 | P |
| | * | 5300 | 10.28 | - | - | -0.46 | 6.43 | 1.3 | 3.01 | 0 | A |
| | | 5350 | -22.95 | -1.75 | -21.2 | -33.76 | 6.43 | 1.37 | 3.01 | 0 | P |
| | | 5350.24 | -48.72 | -7.52 | -41.2 | -59.53 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE20 Full CH 64 5320MHz | * | 5320 | 17.3 | - | - | 6.53 | 6.43 | 1.33 | 3.01 | 0 | P |
| | * | 5320 | 7.72 | - | - | -3.05 | 6.43 | 1.33 | 3.01 | 0 | A |
| | | 5350.56 | -26.95 | -5.75 | -21.2 | -37.76 | 6.43 | 1.37 | 3.01 | 0 | P |
| | | 5351.04 | -49.87 | -8.67 | -41.2 | -60.68 | 6.43 | 1.37 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 52 5260MHz | | 7013.3 | -38.06 | -11.06 | -27 | -49.84 | 6.43 | 2.34 | 3.01 | 0 | P |
| | | 10520 | -53.59 | -26.59 | -27 | -65.89 | 6.43 | 2.86 | 3.01 | 0 | P |
| | | 15780 | -55.62 | -34.42 | -21.2 | -69.4 | 6.43 | 4.34 | 3.01 | 0 | P |
| | | 21040 | -55.69 | -34.49 | -21.2 | -69.72 | 6.43 | 4.59 | 3.01 | 0 | P |
| 802.11ax HE20 Full CH 60 5300MHz | | 7420 | -53.84 | -32.64 | -21.2 | -66.47 | 6.43 | 3.19 | 3.01 | 0 | P |
| | | 8480 | -55.58 | -34.38 | -21.2 | -67.32 | 6.43 | 2.3 | 3.01 | 0 | P |
| | | 10600 | -67.74 | -40.74 | -27 | -80.05 | 6.43 | 2.87 | 3.01 | 0 | P |
| | | 15900 | -59.51 | -38.31 | -21.2 | -73.3 | 6.43 | 4.35 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| 802.11ax HE20 Full CH 64 5320MHz | | 7093.3 | -37.63 | -10.63 | -27 | -50.08 | 6.43 | 3.01 | 3.01 | 0 | P |
| | | 10640 | -67.13 | -45.93 | -21.2 | -79.44 | 6.43 | 2.87 | 3.01 | 0 | P |
| | | 15960 | -61.88 | -40.68 | -21.2 | -75.67 | 6.43 | 4.35 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 26 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Partial 26/0 CH 52 5260MHz | | 5094.18 | -41.14 | -19.94 | -21.2 | -51.95 | 6.43 | 1.37 | 3.01 | 0 | P |
| | | 5149.6 | -54.08 | -12.88 | -41.2 | -64.9 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5260 | 22.84 | - | - | 12.06 | 6.43 | 1.34 | 3.01 | 0 | P |
| | * | 5260 | 14.53 | - | - | 3.75 | 6.43 | 1.34 | 3.01 | 0 | A |
| | | 5404.84 | -38.44 | -17.24 | -21.2 | -49.33 | 6.43 | 1.45 | 3.01 | 0 | P |
| | | 5405.4 | -51.9 | -10.7 | -41.2 | -62.79 | 6.43 | 1.45 | 3.01 | 0 | A |
| 802.11ax HE20 Partial 26/4 CH 60 5300MHz | | 5074.8 | -39.93 | -18.73 | -21.2 | -50.71 | 6.43 | 1.34 | 3.01 | 0 | P |
| | | 5147.22 | -54.28 | -13.08 | -41.2 | -65.1 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5300 | 25.13 | - | - | 14.39 | 6.43 | 1.3 | 3.01 | 0 | P |
| | * | 5300 | 15.27 | - | - | 4.53 | 6.43 | 1.3 | 3.01 | 0 | A |
| | | 5429.48 | -39.33 | -18.13 | -21.2 | -50.24 | 6.43 | 1.47 | 3.01 | 0 | P |
| | | 5454.68 | -51.7 | -10.5 | -41.2 | -62.63 | 6.43 | 1.49 | 3.01 | 0 | A |
| 802.11ax HE20 Partial 26/8 CH 64 5320MHz | * | 5320 | 23.43 | - | - | 12.59 | 6.43 | 1.4 | 3.01 | 0 | P |
| | * | 5320 | 14.85 | - | - | 4.01 | 6.43 | 1.4 | 3.01 | 0 | A |
| | | 5350.72 | -36.95 | -15.75 | -21.2 | -47.93 | 6.43 | 1.54 | 3.01 | 0 | P |
| | | 5360.64 | -50.83 | -9.63 | -41.2 | -61.86 | 6.43 | 1.59 | 3.01 | 0 | A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7013.3 | -36.69 | -9.69 | -27 | -48.47 | 6.43 | 2.34 | 3.01 | 0 | P |
| HE20 | | 10520 | -65.92 | -38.92 | -27 | -78.22 | 6.43 | 2.86 | 3.01 | 0 | P |
| Partial | | 15780 | -63.12 | -41.92 | -21.2 | -76.9 | 6.43 | 4.34 | 3.01 | 0 | P |
| 26/0 | | 21040 | -56.59 | -35.39 | -21.2 | -70.62 | 6.43 | 4.59 | 3.01 | 0 | P |
| CH 52 | | | | | | | | | | | |
| 5260MHz | | | | | | | | | | | |
| 802.11ax | | 7420 | -58.11 | -36.91 | -21.2 | -70.74 | 6.43 | 3.19 | 3.01 | 0 | P |
| HE20 | | 8480 | -54.44 | -33.24 | -21.2 | -66.18 | 6.43 | 2.3 | 3.01 | 0 | P |
| Partial | | 10600 | -66.76 | -39.76 | -27 | -79.07 | 6.43 | 2.87 | 3.01 | 0 | P |
| 26/4 | | 15900 | -60.46 | -39.26 | -21.2 | -74.25 | 6.43 | 4.35 | 3.01 | 0 | P |
| CH 60 | | | | | | | | | | | P |
| 5300MHz | | | | | | | | | | | |
| 802.11ax | | 7093.3 | -36.3 | -9.3 | -27 | -48.75 | 6.43 | 3.01 | 3.01 | 0 | P |
| HE20 | | 10640 | -67.7 | -46.5 | -21.2 | -80.01 | 6.43 | 2.87 | 3.01 | 0 | P |
| Partial | | 15960 | -61.74 | -40.54 | -21.2 | -75.53 | 6.43 | 4.35 | 3.01 | 0 | P |
| 26/8 | | | | | | | | | | | P |
| CH 64 | | | | | | | | | | | |
| 5320MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | * | 5320 | 25.94 | - | - | 15.1 | 6.43 | 1.4 | 3.01 | 0 | P |
| HE20 | * | 5320 | 15.03 | - | - | 4.19 | 6.43 | 1.4 | 3.01 | 0 | A |
| Partial | | 5355.2 | -28.27 | -7.07 | -21.2 | -39.28 | 6.43 | 1.57 | 3.01 | 0 | P |
| 52/40 | | 5350.08 | -48.19 | -6.99 | -41.2 | -59.17 | 6.43 | 1.54 | 3.01 | 0 | A |
| CH 64 | | | | | | | | | | | |
| 5320MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | * | 5320 | 22.37 | - | - | 11.6 | 6.43 | 1.33 | 3.01 | 0 | P |
| HE20 | * | 5320 | 11.67 | - | - | 0.9 | 6.43 | 1.33 | 3.01 | 0 | A |
| Partial | | 5350.24 | -28.95 | -7.75 | -21.2 | -39.76 | 6.43 | 1.37 | 3.01 | 0 | P |
| 106/54 | | 5350.08 | -50.71 | -9.51 | -41.2 | -61.52 | 6.43 | 1.37 | 3.01 | 0 | A |
| CH 64 | | | | | | | | | | | |
| 5320MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 242 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | * | 5320 | 18 | - | - | 7.23 | 6.43 | 1.33 | 3.01 | 0 | P |
| HE20 | * | 5320 | 8.41 | - | - | -2.36 | 6.43 | 1.33 | 3.01 | 0 | A |
| Partial | | 5350.72 | -27.94 | -6.74 | -21.2 | -38.75 | 6.43 | 1.37 | 3.01 | 0 | P |
| 242/61 | | 5351.52 | -48.36 | -7.16 | -41.2 | -59.17 | 6.43 | 1.37 | 3.01 | 0 | A |
| CH 64 | | | | | | | | | | | |
| 5320MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE40 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 54 5270MHz | | 5133.62 | -36.85 | -15.65 | -21.2 | -47.67 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5149.94 | -51.66 | -10.46 | -41.2 | -62.48 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5270 | 17.86 | - | - | 7.1 | 6.43 | 1.32 | 3.01 | 0 | P |
| | * | 5270 | 7.01 | - | - | -3.75 | 6.43 | 1.32 | 3.01 | 0 | A |
| | | 5353.04 | -27.74 | -6.54 | -21.2 | -38.56 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5351.08 | -45.32 | -4.12 | -41.2 | -56.13 | 6.43 | 1.37 | 3.01 | 0 | A |
| 802.11ax HE40 Full CH 62 5310MHz | | 5035.7 | -39.51 | -18.31 | -21.2 | -50.24 | 6.43 | 1.29 | 3.01 | 0 | P |
| | | 5149.94 | -53.99 | -12.79 | -41.2 | -64.81 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5310 | 16.46 | - | - | 5.71 | 6.43 | 1.31 | 3.01 | 0 | P |
| | * | 5310 | 4.51 | - | - | -6.24 | 6.43 | 1.31 | 3.01 | 0 | A |
| | | 5352.2 | -24.94 | -3.74 | -21.2 | -35.76 | 6.43 | 1.38 | 3.01 | 0 | P |
| | | 5352.76 | -44.59 | -3.39 | -41.2 | -55.41 | 6.43 | 1.38 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 54 5270MHz | | 7378 | -56.61 | -35.41 | -21.2 | -69.23 | 6.43 | 3.18 | 3.01 | 0 | P |
| | | 8432 | -53.44 | -32.24 | -21.2 | -65.27 | 6.43 | 2.39 | 3.01 | 0 | P |
| | | 10540 | -63.63 | -36.63 | -27 | -75.93 | 6.43 | 2.86 | 3.01 | 0 | P |
| | | 15810 | -60.95 | -39.75 | -21.2 | -74.73 | 6.43 | 4.34 | 3.01 | 0 | P |
| | | 21080 | -56.29 | -35.09 | -21.2 | -70.34 | 6.43 | 4.61 | 3.01 | 0 | P |
| 802.11ax HE40 Full CH 62 5310MHz | | 7080 | -36.75 | -9.75 | -27 | -49.09 | 6.43 | 2.9 | 3.01 | 0 | P |
| | | 10620 | -67.34 | -46.14 | -21.2 | -79.65 | 6.43 | 2.87 | 3.01 | 0 | P |
| | | 15930 | -61.77 | -40.57 | -21.2 | -75.56 | 6.43 | 4.35 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Partial 484/65 CH 54 5270MHz | | 5145.86 | -35.99 | -14.79 | -21.2 | -47.22 | 6.43 | 1.79 | 3.01 | 0 | P |
| | | 5149.94 | -52.06 | -10.86 | -41.2 | -63.29 | 6.43 | 1.79 | 3.01 | 0 | A |
| | * | 5270 | 18.91 | - | - | 8.03 | 6.43 | 1.44 | 3.01 | 0 | P |
| | * | 5270 | 7.22 | - | - | -3.66 | 6.43 | 1.44 | 3.01 | 0 | A |
| | | 5350 | -25.14 | -3.94 | -21.2 | -36.12 | 6.43 | 1.54 | 3.01 | 0 | P |
| | | 5351.08 | -47.48 | -6.28 | -41.2 | -58.47 | 6.43 | 1.55 | 3.01 | 0 | A |
| 802.11ax HE40 Partial 484/65 CH 62 5310MHz | | 5033.32 | -40.39 | -19.19 | -21.2 | -51.57 | 6.43 | 1.74 | 3.01 | 0 | P |
| | | 5149.6 | -53.79 | -12.59 | -41.2 | -65.01 | 6.43 | 1.78 | 3.01 | 0 | A |
| | * | 5310 | 15.07 | - | - | 4.24 | 6.43 | 1.39 | 3.01 | 0 | P |
| | * | 5310 | 4.36 | - | - | -6.47 | 6.43 | 1.39 | 3.01 | 0 | A |
| | | 5352.2 | -26.28 | -5.08 | -21.2 | -37.3 | 6.43 | 1.58 | 3.01 | 0 | P |
| | | 5350 | -46.69 | -5.49 | -41.2 | -57.7 | 6.43 | 1.57 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE80 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 58 5290MHz | | 5047.94 | -40.21 | -19.01 | -21.2 | -50.96 | 6.43 | 1.31 | 3.01 | 0 | P |
| | | 5149.26 | -53.25 | -12.05 | -41.2 | -64.07 | 6.43 | 1.38 | 3.01 | 0 | A |
| | * | 5290 | 10.93 | 37.93 | -27 | 0.18 | 6.43 | 1.31 | 3.01 | 0 | P |
| | * | 5290 | -0.59 | 40.61 | -41.2 | -11.34 | 6.43 | 1.31 | 3.01 | 0 | A |
| | | 5386.64 | -27.73 | -6.53 | -21.2 | -38.59 | 6.43 | 1.42 | 3.01 | 0 | P |
| | | 5362.28 | -43.47 | -2.27 | -41.2 | -54.3 | 6.43 | 1.39 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 58 5290MHz | | 7053.3 | -36.88 | -9.88 | -27 | -49 | 6.43 | 2.68 | 3.01 | 0 | P |
| | | 10580 | -66.47 | -39.47 | -27 | -78.78 | 6.43 | 2.87 | 3.01 | 0 | P |
| | | 15870 | -60.87 | -39.67 | -21.2 | -74.65 | 6.43 | 4.34 | 3.01 | 0 | P |
| | | 21160 | -60 | -38.8 | -21.2 | -74.08 | 6.43 | 4.64 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 996/67 CH 58 5290MHz | | 5095.54 | -40.01 | -18.81 | -21.2 | -51.26 | 6.43 | 1.81 | 3.01 | 0 | P |
| | | 5149.94 | -53.55 | -12.35 | -41.2 | -64.78 | 6.43 | 1.79 | 3.01 | 0 | A |
| | * | 5290 | 9.55 | - | - | -1.24 | 6.43 | 1.35 | 3.01 | 0 | P |
| | * | 5290 | -1.47 | - | - | -12.26 | 6.43 | 1.35 | 3.01 | 0 | A |
| | | 5379.36 | -27.57 | -6.37 | -21.2 | -38.69 | 6.43 | 1.68 | 3.01 | 0 | P |
| | | 5360.6 | -46.38 | -5.18 | -41.2 | -57.41 | 6.43 | 1.59 | 3.01 | 0 | A |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11a (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 100 5500MHz | | 5450.32 | -36.12 | -14.92 | -21.2 | -48.44 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5469.36 | -33.14 | -6.14 | -27 | -45.47 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.92 | -50.64 | -9.44 | -41.2 | -62.96 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5500 | 19.42 | - | - | 7.06 | 7.82 | 1.53 | 3.01 | 0 | P |
| | * | 5500 | 8.5 | - | - | -3.86 | 7.82 | 1.53 | 3.01 | 0 | A |
| 802.11a CH 116 5580MHz | | 5458 | -33.92 | -12.72 | -21.2 | -46.24 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5460.88 | -30.04 | -3.04 | -27 | -42.36 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5459.68 | -51.44 | -10.24 | -41.2 | -63.76 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5580 | 23.98 | - | - | 11.71 | 7.82 | 1.44 | 3.01 | 0 | P |
| | * | 5580 | 13.75 | - | - | 1.48 | 7.82 | 1.44 | 3.01 | 0 | A |
| | | 5729.09 | -36.82 | -9.82 | -27 | -49 | 7.82 | 1.35 | 3.01 | 0 | P |
| 802.11a CH 140 5700MHz | * | 5700 | 18.43 | - | - | 6.21 | 7.82 | 1.39 | 3.01 | 0 | P |
| | * | 5700 | 8.51 | - | - | -3.71 | 7.82 | 1.39 | 3.01 | 0 | A |
| | | 5727.32 | -30.44 | -3.44 | -27 | -42.63 | 7.82 | 1.36 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |
|---|---|

**UNII 2C - 5470~5725MHz**

**WIFI 802.11a (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 100 5500MHz | | 8250 | -49.2 | -28 | -21.2 | -62.77 | 7.82 | 2.74 | 3.01 | 0 | P |
| | | 11000 | -66.4 | -45.2 | -21.2 | -80.15 | 7.82 | 2.92 | 3.01 | 0 | P |
| | | 16500 | -61.8 | -34.8 | -27 | -76.9 | 7.82 | 4.27 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11a CH 116 5580MHz | | 7440 | -37.54 | -16.34 | -21.2 | -50.98 | 7.82 | 2.61 | 3.01 | 0 | P |
| | | 7440 | -38.36 | 2.84* | -41.2 | -51.8 | 7.82 | 2.61 | 3.01 | 0 | A |
| | | 11160 | -65.42 | -44.22 | -21.2 | -79.05 | 7.82 | 2.8 | 3.01 | 0 | P |
| | | 16740 | -60.97 | -33.97 | -27 | -75.54 | 7.82 | 3.74 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| 802.11a CH 140 5700MHz | | 7600 | -37.5 | -16.3 | -21.2 | -50.94 | 7.82 | 2.61 | 3.01 | 0 | P |
| | | 7600 | -37.92 | 3.28* | -41.2 | -51.36 | 7.82 | 2.61 | 3.01 | 0 | A |
| | | 11400 | -64.78 | -43.58 | -21.2 | -78.46 | 7.82 | 2.85 | 3.01 | 0 | P |
| | | 17100 | -63.35 | -36.35 | -27 | -78.01 | 7.82 | 3.83 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH116 and CH140 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 100 5500MHz | | 5459.12 | -33.83 | -12.63 | -21.2 | -46.15 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5466.64 | -32.16 | -5.16 | -27 | -44.49 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.92 | -50.71 | -9.51 | -41.2 | -63.03 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5500 | 18.53 | - | - | 6.17 | 7.82 | 1.53 | 3.01 | 0 | P |
| | * | 5500 | 7.78 | - | - | -4.58 | 7.82 | 1.53 | 3.01 | 0 | A |
| 802.11ax HE20 Full CH 116 5580MHz | | 5453.2 | -33.64 | -12.44 | -21.2 | -45.96 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5466.88 | -33.45 | -6.45 | -27 | -45.78 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.92 | -51.84 | -10.64 | -41.2 | -64.16 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5580 | 23.45 | - | - | 11.18 | 7.82 | 1.44 | 3.01 | 0 | P |
| | * | 5580 | 12.9 | - | - | 0.63 | 7.82 | 1.44 | 3.01 | 0 | A |
| | | 5760.905 | -38.9 | -11.9 | -27 | -51.05 | 7.82 | 1.32 | 3.01 | 0 | P |
| 802.11ax HE20 Full CH 140 5700MHz | * | 5700 | 16.02 | - | - | 3.8 | 7.82 | 1.39 | 3.01 | 0 | P |
| | * | 5700 | 3.8 | - | - | -8.42 | 7.82 | 1.39 | 3.01 | 0 | A |
| | | 5726.44 | -31.62 | -4.62 | -27 | -43.81 | 7.82 | 1.36 | 3.01 | 0 | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 100 5500MHz | | 8250 | -45.14 | -23.94 | -21.2 | -58.71 | 7.82 | 2.74 | 3.01 | 0 | P |
| | | 11000 | -65.91 | -44.71 | -21.2 | -79.66 | 7.82 | 2.92 | 3.01 | 0 | P |
| | | 16500 | -60.97 | -33.97 | -27 | -76.07 | 7.82 | 4.27 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| | | | | | | | | | | | |
| 802.11ax HE20 Full CH 116 5580MHz | | 7440 | -34 | -12.8 | -21.2 | -48 | 7.82 | 3.17 | 3.01 | 0 | P |
| | | 7440 | -34.8 | 6.4* | -41.2 | -48.8 | 7.82 | 3.17 | 3.01 | 0 | A |
| | | 11160 | -66.28 | -45.08 | -21.2 | -80.24 | 7.82 | 3.13 | 3.01 | 0 | P |
| | | 16740 | -59.67 | -32.67 | -27 | -74.72 | 7.82 | 4.22 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| 802.11ax HE20 Full CH 140 5700MHz | | 7600 | -35.24 | -14.04 | -21.2 | -49.18 | 7.82 | 3.11 | 3.01 | 0 | P |
| | | 7600 | -35.79 | 5.41* | -41.2 | -49.73 | 7.82 | 3.11 | 3.01 | 0 | A |
| | | 11400 | -65.67 | -44.47 | -21.2 | -79.95 | 7.82 | 3.45 | 3.01 | 0 | P |
| | | 17100 | -61.82 | -34.82 | -27 | -76.85 | 7.82 | 4.2 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH116 and CH140 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 26 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5458.8 | -36.41 | -15.21 | -21.2 | -49.15 | 7.82 | 1.91 | 3.01 | 0 | P |
| HE20 | | 5468.88 | -36.59 | -9.59 | -27 | -49.36 | 7.82 | 1.94 | 3.01 | 0 | P |
| Partial | | 5459.76 | -50 | -8.8 | -41.2 | -62.75 | 7.82 | 1.92 | 3.01 | 0 | A |
| 26/0 | * | 5500 | 24.95 | - | - | 12.11 | 7.82 | 2.01 | 3.01 | 0 | P |
| CH 100 | * | 5500 | 16.45 | - | - | 3.61 | 7.82 | 2.01 | 3.01 | 0 | A |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | | 5458.48 | -38.49 | -17.29 | -21.2 | -51.23 | 7.82 | 1.91 | 3.01 | 0 | P |
| HE20 | | 5466.4 | -38.23 | -11.23 | -27 | -50.99 | 7.82 | 1.93 | 3.01 | 0 | P |
| Partial | | 5458 | -51.8 | -10.6 | -41.2 | -64.54 | 7.82 | 1.91 | 3.01 | 0 | A |
| 26/4 | * | 5580 | 24.84 | - | - | 12.17 | 7.82 | 1.84 | 3.01 | 0 | P |
| CH 116 | * | 5580 | 15.77 | - | - | 3.1 | 7.82 | 1.84 | 3.01 | 0 | A |
| 5580MHz | | 5745.47 | -37.58 | -10.58 | -27 | -50.12 | 7.82 | 1.71 | 3.01 | 0 | P |
| 802.11ax | * | 5700 | 26.27 | - | - | 13.7 | 7.82 | 1.74 | 3.01 | 0 | P |
| HE20 | * | 5700 | 16.39 | - | - | 3.82 | 7.82 | 1.74 | 3.01 | 0 | A |
| Partial | | 5729.88 | -34.45 | -7.45 | -27 | -47 | 7.82 | 1.72 | 3.01 | 0 | P |
| 26/8 | | | | | | | | | | | |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 8250 | -46.36 | -25.16 | -21.2 | -59.93 | 7.82 | 2.74 | 3.01 | 0 | P |
| HE20 | | 11000 | -64.72 | -43.52 | -21.2 | -78.47 | 7.82 | 2.92 | 3.01 | 0 | P |
| Partial | | 16500 | -63.78 | -36.78 | -27 | -78.88 | 7.82 | 4.27 | 3.01 | 0 | P |
| 26/0 | | | | | | | | | | | P |
| CH 100 | | | | | | | | | | | |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | | 7440 | -34 | -12.8 | -21.2 | -47.05 | 7.82 | 2.22 | 3.01 | 0 | P |
| HE20 | | 7440 | -34.65 | 6.55* | -41.2 | -47.7 | 7.82 | 2.22 | 3.01 | 0 | A |
| Partial | | 11160 | -65.68 | -44.48 | -21.2 | -79.15 | 7.82 | 2.64 | 3.01 | 0 | P |
| 26/4 | | 16740 | -61.03 | -34.03 | -27 | -75.51 | 7.82 | 3.65 | 3.01 | 0 | P |
| CH 116 | | | | | | | | | | | P |
| 5580MHz | | | | | | | | | | | |
| 802.11ax | | 7600 | -35.19 | -13.99 | -21.2 | -49.13 | 7.82 | 3.11 | 3.01 | 0 | P |
| HE20 | | 7600 | -35.92 | 5.28* | -41.2 | -49.86 | 7.82 | 3.11 | 3.01 | 0 | A |
| Partial | | 11400 | -64.58 | -43.38 | -21.2 | -78.86 | 7.82 | 3.45 | 3.01 | 0 | P |
| 26/8 | | 17100 | -63.18 | -36.18 | -27 | -78.21 | 7.82 | 4.2 | 3.01 | 0 | P |
| CH 140 | | | | | | | | | | | P |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH116 and CH140 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5456.24 | -35.39 | -14.19 | -21.2 | -48.13 | 7.82 | 1.91 | 3.01 | 0 | P |
| HE20 | | 5469.52 | -33.96 | -6.96 | -27 | -46.73 | 7.82 | 1.94 | 3.01 | 0 | P |
| Partial | | 5459.76 | -48.84 | -7.64 | -41.2 | -61.59 | 7.82 | 1.92 | 3.01 | 0 | A |
| 52/37 | * | 5500 | 29.11 | - | - | 16.27 | 7.82 | 2.01 | 3.01 | 0 | P |
| CH 100 | * | 5500 | 16.35 | - | - | 3.51 | 7.82 | 2.01 | 3.01 | 0 | A |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | * | 5700 | 23.36 | - | - | 10.79 | 7.82 | 1.74 | 3.01 | 0 | P |
| HE20 | * | 5700 | 14.2 | - | - | 1.63 | 7.82 | 1.74 | 3.01 | 0 | A |
| Partial | | 5725.32 | -33.91 | -6.91 | -27 | -46.46 | 7.82 | 1.72 | 3.01 | 0 | P |
| 52/40 | | | | | | | | | | | |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5458 | -33.48 | -12.28 | -21.2 | -46.22 | 7.82 | 1.91 | 3.01 | 0 | P |
| HE20 | | 5469.36 | -29.2 | -2.2 | -27 | -41.97 | 7.82 | 1.94 | 3.01 | 0 | P |
| Partial | | 5459.12 | -50.95 | -9.75 | -41.2 | -63.69 | 7.82 | 1.91 | 3.01 | 0 | A |
| 106/53 | * | 5500 | 20.95 | - | - | 8.11 | 7.82 | 2.01 | 3.01 | 0 | P |
| CH 100 | * | 5500 | 10.82 | - | - | -2.02 | 7.82 | 2.01 | 3.01 | 0 | A |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | * | 5700 | 17.78 | - | - | 5.2 | 7.82 | 1.75 | 3.01 | 0 | P |
| HE20 | * | 5700 | 8.14 | - | - | -4.43 | 7.82 | 1.74 | 3.01 | 0 | A |
| Partial | | 5725.64 | -35.79 | -8.79 | -27 | -48.34 | 7.82 | 1.72 | 3.01 | 0 | P |
| 106/54 | | | | | | | | | | | |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE20 Partial 242 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 5458.32 | -31.4 | -10.2 | -21.2 | -44.14 | 7.82 | 1.91 | 3.01 | 0 | P |
| HE20 | | 5466.8 | -29.35 | -2.35 | -27 | -42.11 | 7.82 | 1.93 | 3.01 | 0 | P |
| Partial | | 5459.12 | -50.97 | -9.77 | -41.2 | -63.71 | 7.82 | 1.91 | 3.01 | 0 | A |
| 242/61 | * | 5500 | 18.29 | - | - | 5.45 | 7.82 | 2.01 | 3.01 | 0 | P |
| CH 100 | * | 5500 | 7.32 | - | - | -5.52 | 7.82 | 2.01 | 3.01 | 0 | A |
| 5500MHz | | | | | | | | | | | |
| 802.11ax | * | 5700 | 16.9 | - | - | 4.33 | 7.82 | 1.74 | 3.01 | 0 | P |
| HE20 | * | 5700 | 5.79 | - | - | -6.78 | 7.82 | 1.74 | 3.01 | 0 | A |
| Partial | | 5727.72 | -30.47 | -3.47 | -27 | -43.02 | 7.82 | 1.72 | 3.01 | 0 | P |
| 242/61 | | | | | | | | | | | |
| CH 140 | | | | | | | | | | | |
| 5700MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE40 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 102 5510MHz | | 5456.38 | -32.66 | -11.46 | -21.2 | -44.98 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5466.37 | -28.65 | -1.65 | -27 | -40.98 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.89 | -49.33 | -8.13 | -41.2 | -61.65 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5510 | 15.04 | - | - | 2.69 | 7.82 | 1.52 | 3.01 | 0 | P |
| | * | 5510 | 4.9 | - | - | -7.45 | 7.82 | 1.52 | 3.01 | 0 | A |
| | | 5742.32 | -38.37 | -11.37 | -27 | -50.53 | 7.82 | 1.33 | 3.01 | 0 | P |
| 802.11ax HE40 Full CH 110 5550MHz | | 5459.89 | -31.28 | -10.08 | -21.2 | -43.6 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5469.88 | -30.05 | -3.05 | -27 | -42.38 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.62 | -49.51 | -8.31 | -41.2 | -61.83 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5550 | 18.12 | - | - | 5.81 | 7.82 | 1.48 | 3.01 | 0 | P |
| | * | 5550 | 7.02 | - | - | -5.29 | 7.82 | 1.48 | 3.01 | 0 | A |
| | | 5725 | -38.83 | -11.83 | -27 | -51.02 | 7.82 | 1.36 | 3.01 | 0 | P |
| 802.11ax HE40 Full CH 134 5670MHz | | 5449.9 | -39.3 | -18.1 | -21.2 | -51.62 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5465.81 | -40.12 | -13.12 | -27 | -52.45 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.15 | -52.47 | -11.27 | -41.2 | -64.79 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5670 | 16.28 | - | - | 4.05 | 7.82 | 1.4 | 3.01 | 0 | P |
| | * | 5670 | 6.33 | - | - | -5.9 | 7.82 | 1.4 | 3.01 | 0 | A |
| | | 5725 | -31.76 | -4.76 | -27 | -43.95 | 7.82 | 1.36 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 102 5510MHz | | 7347 | -33.69 | -12.49 | -21.2 | -47.65 | 7.82 | 3.13 | 3.01 | 0 | P |
| | | 7347 | -34.6 | 6.6* | -41.2 | -48.56 | 7.82 | 3.13 | 3.01 | 0 | A |
| | | 11020 | -67.21 | -46.01 | -21.2 | -80.98 | 7.82 | 2.94 | 3.01 | 0 | P |
| | | 16530 | -60.23 | -33.23 | -27 | -75.32 | 7.82 | 4.26 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| 802.11ax HE40 Full CH 110 5550MHz | | 7400 | -34.2 | -13 | -21.2 | -48.24 | 7.82 | 3.21 | 3.01 | 0 | P |
| | | 7400 | -34.66 | 6.54* | -41.2 | -48.7 | 7.82 | 3.21 | 3.01 | 0 | A |
| | | 11100 | -66.34 | -45.14 | -21.2 | -80.22 | 7.82 | 3.05 | 3.01 | 0 | P |
| | | 16650 | -61.34 | -34.34 | -27 | -76.41 | 7.82 | 4.24 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| 802.11ax HE40 Full CH 134 5670MHz | | 7560 | -36.2 | -15 | -21.2 | -50.14 | 7.82 | 3.11 | 3.01 | 0 | P |
| | | 7560 | -36.76 | 4.44* | -41.2 | -50.7 | 7.82 | 3.11 | 3.01 | 0 | A |
| | | 11340 | -64.33 | -43.13 | -21.2 | -78.53 | 7.82 | 3.37 | 3.01 | 0 | P |
| | | 17010 | -60.22 | -33.22 | -27 | -75.23 | 7.82 | 4.18 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH102, CH110 and CH134 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Partial 484/65 CH 102 5510MHz | | 5456.38 | -33.61 | -12.41 | -21.2 | -46.35 | 7.82 | 1.91 | 3.01 | 0 | P |
| | | 5466.37 | -31.2 | -4.2 | -27 | -43.96 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5459.89 | -50.18 | -8.98 | -41.2 | -62.93 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5510 | 14.79 | - | - | 1.97 | 7.82 | 1.99 | 3.01 | 0 | P |
| | * | 5510 | 3.71 | - | - | -9.11 | 7.82 | 1.99 | 3.01 | 0 | A |
| | | 5758.7 | -38.03 | -11.03 | -27 | -50.56 | 7.82 | 1.7 | 3.01 | 0 | P |
| 802.11ax HE40 Partial 484/65 CH 110 5550MHz | | 5451.79 | -33.66 | -12.46 | -21.2 | -46.39 | 7.82 | 1.9 | 3.01 | 0 | P |
| | | 5469.07 | -32.48 | -5.48 | -27 | -45.25 | 7.82 | 1.94 | 3.01 | 0 | P |
| | | 5459.62 | -50.32 | -9.12 | -41.2 | -63.07 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5550 | 17.29 | - | - | 4.56 | 7.82 | 1.9 | 3.01 | 0 | P |
| | * | 5550 | 6.37 | - | - | -6.36 | 7.82 | 1.9 | 3.01 | 0 | A |
| | | 5759.33 | -37.54 | -10.54 | -27 | -50.07 | 7.82 | 1.7 | 3.01 | 0 | P |
| 802.11ax HE40 Partial 484/65 CH 134 5670MHz | | 5437.32 | -39.54 | -18.34 | -21.2 | -52.23 | 7.82 | 1.86 | 3.01 | 0 | P |
| | | 5465.44 | -39.4 | -12.4 | -27 | -52.16 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5458.78 | -52.32 | -11.12 | -41.2 | -65.06 | 7.82 | 1.91 | 3.01 | 0 | A |
| | * | 5670 | 15.77 | - | - | 3.18 | 7.82 | 1.76 | 3.01 | 0 | P |
| | * | 5670 | 5.09 | - | - | -7.5 | 7.82 | 1.76 | 3.01 | 0 | A |
| | | 5725.975 | -29.28 | -2.28 | -27 | -41.83 | 7.82 | 1.72 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE80 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 106 5530MHz | | 5456.8 | -28.54 | -7.34 | -21.2 | -40.86 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5464.24 | -29.33 | -2.33 | -27 | -41.66 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5454.64 | -45.96 | -4.76 | -41.2 | -58.28 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5530 | 12.29 | - | - | -0.04 | 7.82 | 1.5 | 3.01 | 0 | P |
| | * | 5530 | 1.24 | - | - | -11.09 | 7.82 | 1.5 | 3.01 | 0 | A |
| | | 5731.925 | -37.64 | -10.64 | -27 | -49.82 | 7.82 | 1.35 | 3.01 | 0 | P |
| 802.11ax HE80 Full CH 122 5610MHz | | 5455.08 | -35.19 | -13.99 | -21.2 | -47.51 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5468.4 | -33.72 | -6.72 | -27 | -46.05 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.89 | -50.29 | -9.09 | -41.2 | -62.61 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5610 | 13.92 | - | - | 1.67 | 7.82 | 1.42 | 3.01 | 0 | P |
| | * | 5610 | 3.61 | - | - | -8.64 | 7.82 | 1.42 | 3.01 | 0 | A |
| | | 5726.675 | -31.39 | -4.39 | -27 | -43.58 | 7.82 | 1.36 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 106 5530MHz | | 11060 | -66.1 | -44.9 | -21.2 | -79.93 | 7.82 | 3 | 3.01 | 0 | P |
| | | 16590 | -61.73 | -34.73 | -27 | -76.81 | 7.82 | 4.25 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 802.11ax HE80 Full CH 122 5610MHz | | 7480 | -34.95 | -13.75 | -21.2 | -48.92 | 7.82 | 3.14 | 3.01 | 0 | P |
| | | 7480 | -35.66 | 5.54* | -41.2 | -49.63 | 7.82 | 3.14 | 3.01 | 0 | A |
| | | 11220 | -64.81 | -43.61 | -21.2 | -78.85 | 7.82 | 3.21 | 3.01 | 0 | P |
| | | 16830 | -62.65 | -35.65 | -27 | -77.69 | 7.82 | 4.21 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH122 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 996/67 CH 106 5530MHz | | 5456.92 | -30.71 | -9.51 | -21.2 | -43.45 | 7.82 | 1.91 | 3.01 | 0 | P |
| | | 5466.1 | -30.29 | -3.29 | -27 | -43.05 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5459.89 | -46.17 | -4.97 | -41.2 | -58.92 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5530 | 10.95 | - | - | -1.83 | 7.82 | 1.95 | 3.01 | 0 | P |
| | * | 5530 | -0.62 | - | - | -13.4 | 7.82 | 1.95 | 3.01 | 0 | A |
| | | 5760.59 | -37.5 | -10.5 | -27 | -50.03 | 7.82 | 1.7 | 3.01 | 0 | P |
| 802.11ax HE80 Partial 996/67 CH 122 5610MHz | | 5459.5 | -34.73 | -13.53 | -21.2 | -47.48 | 7.82 | 1.92 | 3.01 | 0 | P |
| | | 5464 | -34.6 | -7.6 | -27 | -47.36 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5459.5 | -51.31 | -10.11 | -41.2 | -64.06 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5610 | 13.44 | - | - | 0.82 | 7.82 | 1.79 | 3.01 | 0 | P |
| | * | 5610 | 2.62 | - | - | -10 | 7.82 | 1.79 | 3.01 | 0 | A |
| | | 5731.535 | -30.84 | -3.84 | -27 | -43.39 | 7.82 | 1.72 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE160 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE160 Full CH 114 5570MHz | | 5436.4 | -30.55 | -9.35 | -21.2 | -42.86 | 7.82 | 1.48 | 3.01 | 0 | P |
| | | 5463.4 | -34.61 | -7.61 | -27 | -46.94 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5411.8 | -46.96 | -5.76 | -41.2 | -59.25 | 7.82 | 1.46 | 3.01 | 0 | A |
| | * | 5570 | 8 | - | - | -4.29 | 7.82 | 1.46 | 3.01 | 0 | P |
| | * | 5570 | -2 | - | - | -14.29 | 7.82 | 1.46 | 3.01 | 0 | A |
| | | 5727.05 | -32.55 | -5.55 | -27 | -44.74 | 7.82 | 1.36 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE160 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7427 | -34.23 | -13.03 | -21.2 | -48.25 | 7.82 | 3.19 | 3.01 | 0 | P |
| HE160 | | 7427 | -34.88 | 6.32* | -41.2 | -48.9 | 7.82 | 3.19 | 3.01 | 0 | A |
| Full | | 11140 | -65.96 | -44.76 | -21.2 | -79.89 | 7.82 | 3.1 | 3.01 | 0 | P |
| CH 114 | | 16710 | -62.08 | -35.08 | -27 | -77.14 | 7.82 | 4.23 | 3.01 | 0 | P |
| 5570MHz | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH114 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - 5470~5725MHz**

**WIFI 802.11ax HE160 Partial 1992 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 1992/68 CH 114 5570MHz | | 5412.7 | -29.87 | -8.67 | -21.2 | -42.5 | 7.82 | 1.8 | 3.01 | 0 | P |
| | | 5467.6 | -34.9 | -7.9 | -27 | -47.66 | 7.82 | 1.93 | 3.01 | 0 | P |
| | | 5421.7 | -48.73 | -7.53 | -41.2 | -61.38 | 7.82 | 1.82 | 3.01 | 0 | A |
| | * | 5570 | 7.68 | - | - | -5.01 | 7.82 | 1.86 | 3.01 | 0 | P |
| | * | 5570 | -3.06 | - | - | -15.75 | 7.82 | 1.86 | 3.01 | 0 | A |
| | | 5725.325 | -33.11 | -6.11 | -27 | -45.66 | 7.82 | 1.72 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11a (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 144 5720MHz | | 5407.33 | -38.99 | -17.79 | -21.2 | -51.27 | 7.82 | 1.45 | 3.01 | 0 | P |
| | | 5466.61 | -40.21 | -13.21 | -27 | -52.54 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5419.03 | -52.07 | -10.87 | -41.2 | -64.36 | 7.82 | 1.46 | 3.01 | 0 | A |
| | * | 5720 | 23.67 | - | - | 11.47 | 7.82 | 1.37 | 3.01 | 0 | P |
| | * | 5720 | 13.81 | - | - | 1.61 | 7.82 | 1.37 | 3.01 | 0 | A |
| | | 5874 | -32.53 | -5.53 | -27 | -44.75 | 7.82 | 1.39 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11a (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 144 5720MHz | | 7627 | -38.79 | -17.59 | -21.2 | -52.24 | 7.82 | 2.62 | 3.01 | 0 | P |
| | | 7627 | -39.48 | 1.72* | -41.2 | -52.93 | 7.82 | 2.62 | 3.01 | 0 | A |
| | | 11440 | -65.32 | -44.12 | -21.2 | -79.01 | 7.82 | 2.86 | 3.01 | 0 | P |
| | | 17160 | -62.74 | -35.74 | -27 | -77.41 | 7.82 | 3.84 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH144 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE20 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 144 5720MHz | | 5413.57 | -39.23 | -18.03 | -21.2 | -51.52 | 7.82 | 1.46 | 3.01 | 0 | P |
| | | 5461.54 | -40.27 | -13.27 | -27 | -52.59 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5421.37 | -52.26 | -11.06 | -41.2 | -64.55 | 7.82 | 1.46 | 3.01 | 0 | A |
| | * | 5720 | 23.82 | - | - | 11.62 | 7.82 | 1.37 | 3.01 | 0 | P |
| | * | 5720 | 13.17 | - | - | 0.97 | 7.82 | 1.37 | 3.01 | 0 | A |
| | | 5850.25 | -29.13 | -2.13 | -27 | -41.31 | 7.82 | 1.35 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Full CH 144 5720MHz | | 7627 | -37.12 | -15.92 | -21.2 | -51.06 | 7.82 | 3.11 | 3.01 | 0 | P |
| | | 7627 | -37.77 | 3.43* | -41.2 | -51.71 | 7.82 | 3.11 | 3.01 | 0 | A |
| | | 11440 | -65.52 | -44.32 | -21.2 | -79.85 | 7.82 | 3.5 | 3.01 | 0 | P |
| | | 17160 | -61.08 | -34.08 | -27 | -76.12 | 7.82 | 4.21 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH144 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE20 Partial 26 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE20 Partial 26/8 CH 144 5720MHz | | 5413.57 | -38.1 | -16.9 | -21.2 | -50.74 | 7.82 | 1.81 | 3.01 | 0 | P |
| | | 5461.54 | -39.62 | -12.62 | -27 | -52.37 | 7.82 | 1.92 | 3.01 | 0 | P |
| | | 5421.37 | -51.53 | -10.33 | -41.2 | -64.18 | 7.82 | 1.82 | 3.01 | 0 | A |
| | * | 5720 | 24.5 | - | - | 11.95 | 7.82 | 1.72 | 3.01 | 0 | P |
| | * | 5720 | 14.69 | - | - | 2.14 | 7.82 | 1.72 | 3.01 | 0 | A |
| | | 5850.75 | -36.65 | -9.65 | -27 | -49.13 | 7.82 | 1.65 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7627 | -35.95 | -14.75 | -21.2 | -49.89 | 7.82 | 3.11 | 3.01 | 0 | P |
| HE20 | | 7627 | -36.61 | 4.59* | -41.2 | -50.55 | 7.82 | 3.11 | 3.01 | 0 | A |
| Partial | | 11440 | -66.89 | -45.69 | -21.2 | -81.22 | 7.82 | 3.5 | 3.01 | 0 | P |
| 26/8 | | 17160 | -62.75 | -35.75 | -27 | -77.79 | 7.82 | 4.21 | 3.01 | 0 | P |
| CH 144 | | | | | | | | | | | P |
| 5720MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH144 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE40 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 142 5710MHz | | 5431.9 | -38.74 | -17.54 | -21.2 | -51.04 | 7.82 | 1.47 | 3.01 | 0 | P |
| | | 5460.37 | -40.15 | -13.15 | -27 | -52.47 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5458.81 | -52.28 | -11.08 | -41.2 | -64.6 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5710 | 19.06 | - | - | 6.85 | 7.82 | 1.38 | 3.01 | 0 | P |
| | * | 5710 | 8.21 | - | - | -4 | 7.82 | 1.38 | 3.01 | 0 | A |
| | | 5866.75 | -35.13 | -8.13 | -27 | -47.34 | 7.82 | 1.38 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Full CH 142 5710MHz | | 7613.3 | -35.92 | -14.72 | -21.2 | -49.86 | 7.82 | 3.11 | 3.01 | 0 | P |
| | | 7613.3 | -36.5 | 4.7* | -41.2 | -50.44 | 7.82 | 3.11 | 3.01 | 0 | A |
| | | 11420 | -63.78 | -42.58 | -21.2 | -78.08 | 7.82 | 3.47 | 3.01 | 0 | P |
| | | 17130 | -63.24 | -36.24 | -27 | -78.27 | 7.82 | 4.2 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH142 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE40 Partial 484/65 CH 142 5710MHz | | 5452.96 | -38.75 | -17.55 | -21.2 | -51.48 | 7.82 | 1.9 | 3.01 | 0 | P |
| | | 5469.73 | -39.71 | -12.71 | -27 | -52.48 | 7.82 | 1.94 | 3.01 | 0 | P |
| | | 5456.47 | -52.27 | -11.07 | -41.2 | -65.01 | 7.82 | 1.91 | 3.01 | 0 | A |
| | * | 5710 | 19.65 | - | - | 7.09 | 7.82 | 1.73 | 3.01 | 0 | P |
| | * | 5710 | 8.77 | - | - | -3.79 | 7.82 | 1.73 | 3.01 | 0 | A |
| | | 5852.75 | -29.35 | -2.35 | -27 | -41.83 | 7.82 | 1.65 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE40 Partial 484 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7613.3 | -35.21 | -14.01 | -21.2 | -49.15 | 7.82 | 3.11 | 3.01 | 0 | P |
| HE40 | | 7613.3 | -36.07 | 5.13* | -41.2 | -50.01 | 7.82 | 3.11 | 3.01 | 0 | A |
| Partial | | 11420 | -65.48 | -44.28 | -21.2 | -79.78 | 7.82 | 3.47 | 3.01 | 0 | P |
| 484/65 | | 17130 | -61.08 | -34.08 | -27 | -76.11 | 7.82 | 4.2 | 3.01 | 0 | P |
| CH 142 | | | | | | | | | | | |
| 5710MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH142 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE80 Full (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 138 5690MHz | | 5450.62 | -36.97 | -15.77 | -21.2 | -49.29 | 7.82 | 1.49 | 3.01 | 0 | P |
| | | 5463.49 | -35.34 | -8.34 | -27 | -47.67 | 7.82 | 1.5 | 3.01 | 0 | P |
| | | 5459.98 | -50.32 | -9.12 | -41.2 | -62.64 | 7.82 | 1.49 | 3.01 | 0 | A |
| | * | 5690 | 15.34 | - | - | 3.12 | 7.82 | 1.39 | 3.01 | 0 | P |
| | * | 5690 | 5.29 | - | - | -6.93 | 7.82 | 1.39 | 3.01 | 0 | A |
| | | 5879.65 | -31.89 | -4.89 | -27 | -44.13 | 7.82 | 1.41 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Full CH 138 5690MHz | | 7587 | -34.8 | -13.6 | -21.2 | -48.74 | 7.82 | 3.11 | 3.01 | 0 | P |
| | | 7587 | -35.67 | 5.53* | -41.2 | -49.61 | 7.82 | 3.11 | 3.01 | 0 | A |
| | | 11380 | -64.98 | -43.78 | -21.2 | -79.23 | 7.82 | 3.42 | 3.01 | 0 | P |
| | | 17070 | -62.9 | -35.9 | -27 | -77.92 | 7.82 | 4.19 | 3.01 | 0 | P |
| | | | | | | | | | | | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH138 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax HE80 Partial 996/67 CH 138 5690MHz | | 5443.6 | -38.67 | -17.47 | -21.2 | -51.38 | 7.82 | 1.88 | 3.01 | 0 | P |
| | | 5467.78 | -38.1 | -11.1 | -27 | -50.87 | 7.82 | 1.94 | 3.01 | 0 | P |
| | | 5459.98 | -50.98 | -9.78 | -41.2 | -63.73 | 7.82 | 1.92 | 3.01 | 0 | A |
| | * | 5690 | 15.55 | - | - | 2.98 | 7.82 | 1.74 | 3.01 | 0 | P |
| | * | 5690 | 4.47 | - | - | -8.1 | 7.82 | 1.74 | 3.01 | 0 | A |
| | | 5855.15 | -29.56 | -2.56 | -27 | -42.04 | 7.82 | 1.65 | 3.01 | 0 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**UNII 2C - Straddle Channel**

**WIFI 802.11ax HE80 Partial 996 (Harmonic)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11ax | | 7586.6 | -37.01 | -15.81 | -21.2 | -50.95 | 7.82 | 3.11 | 3.01 | 0 | P |
| HE80 | | 7586.6 | -37.74 | 3.46* | -41.2 | -51.68 | 7.82 | 3.11 | 3.01 | 0 | A |
| Partial | | 11380 | -64.89 | -43.69 | -21.2 | -79.14 | 7.82 | 3.42 | 3.01 | 0 | P |
| 996/67 | | 17070 | -62.54 | -35.54 | -27 | -77.56 | 7.82 | 4.19 | 3.01 | 0 | P |
| CH 138 | | | | | | | | | | | |
| 5690MHz | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The unwanted emission of CH138 was verified and passed by radiated measurement, please refer appendix F1 & F2. | | | | | | | | | | |

**Emission above 25GHz**

**WIFI 802.11ax HE40 Full (SHF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 5GHz | | 39776 | -45.44 | -24.24 | -21.2 | -69.97 | 7.82 | 13.7 | 3.01 | 0 | P |
| 802.11ax | | | | | | | | | | | |
| HE40 | | | | | | | | | | | |
| Full | | | | | | | | | | | |
| SHF | | | | | | | | | | | |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**Emission below 1GHz**

**WIFI 802.11ax HE40 Full (LF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 5GHz 802.11ax HE40 Full LF | | 84 | -74.84 | -19.64 | -55.2 | -90.62 | 7.82 | 0.25 | 3.01 | 4.7 | P |
| | | 208.47 | -74.04 | -22.34 | -51.7 | -90.06 | 7.82 | 0.49 | 3.01 | 4.7 | P |
| | | 226.29 | -74.06 | -24.86 | -49.2 | -90.07 | 7.82 | 0.48 | 3.01 | 4.7 | P |
| | | 437.2 | -74.33 | -25.13 | -49.2 | -90.5 | 7.82 | 0.64 | 3.01 | 4.7 | P |
| | | 631.8 | -72.98 | -23.78 | -49.2 | -89.29 | 7.82 | 0.78 | 3.01 | 4.7 | P |
| | | 951.7 | -72.38 | -23.18 | -49.2 | -89.07 | 7.82 | 1.16 | 3.01 | 4.7 | P |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | |

**Note symbol**

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

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

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | MIMO | Grounding | Peak |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Gain | Loss | Factor | Factor | Avg. |
| 5 | | ( MHz ) | ( dBm ) | ( dB ) | ( dBm ) | (dBm) | ( dBi ) | ( dB ) | ( dB ) | ( dB ) | (P/A) |
| 802.11a CH 36 5180MHz | | 5146.12 | -36.54 | -15.34 | -21.2 | -47.29 | 6.36 | 1.38 | 3.01 | 0 | P |
| | | 5150 | -50.86 | -9.66 | -41.2 | -61.61 | 6.36 | 1.38 | 3.01 | 0 | A |

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. MIMO Factor(dB) = 10 log (*N*ANT), where *N*ANT is the number of outputs
3. Grounding Factor(dB) = Ground reflection factor (i.e., 6 dB for f ≤ 30 MHz and 4.7 dB for 30 MHz < f ≤ 960 MHz)
4. Level(dBm) = Antenna Gain(dBi) + Path Loss(dB) + Read Level(dBm) + MIMO Factor(dB) + Grounding Factor(dB)
5. Over Limit(dB) = Level(dBm) – Limit Line(dBm)

**For Peak Limit @ 5146.12MHz:**

1. Level(dBm)

= Antenna Gain(dBi) + Path Loss(dB) + MIMO Factor(dB) + Grounding Factor(dB) + Read Level(dBm)

= 6.36(dBi) + 1.38(dB) - 47.29(dBm) + 3.01(dB)

= -36.54 (dBm)

2. Over Limit(dB)

= Level(dBm) – Limit Line(dBm)

= -36.54(dBm) + 21.2(dBm)

= -15.34(dB)

**For Average Limit @ 5150MHz:**

1. Level(dBm)

= Antenna Gain(dBi) + Path Loss(dB) + MIMO Factor(dB) + Grounding Factor(dB) + Read Level(dBm)

= 6.36(dBi) + 1.38(dB) – 61.61(dBm) + 3.01(dB)

= -50.86 (dBm)

2. Over Limit(dB) = Level(dBm) – Limit Line(dBm)

= -50.86(dBm) + 41.2(dBm)

= -9.66(dB)

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

# Appendix C. Conducted Spurious Emission Plots

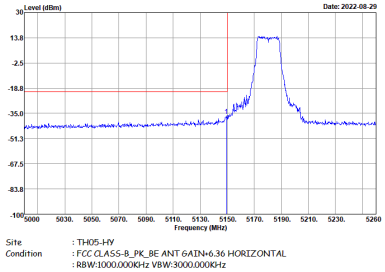
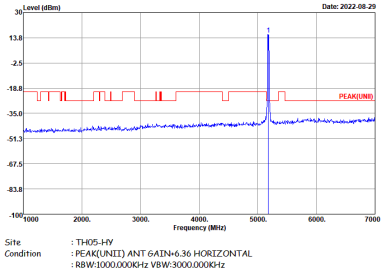
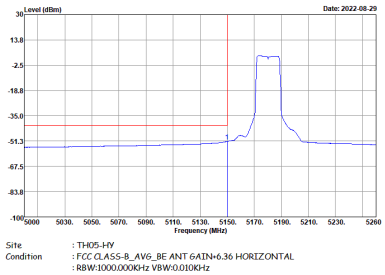
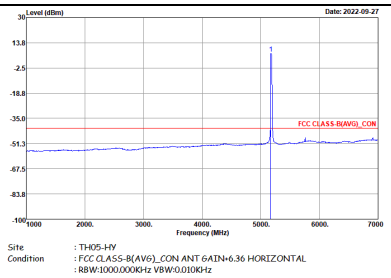
| | | | |
|---|---|---|---|
| **Test Engineer :** | Kai Liao, Ken Wu and Nick Yu | **Temperature :** | 21.5~25.9°C |
| | | **Relative Humidity :** | 45.3~64.5% |

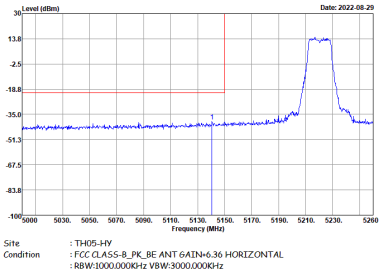
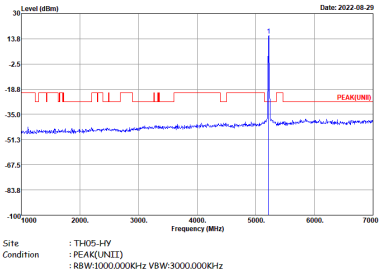
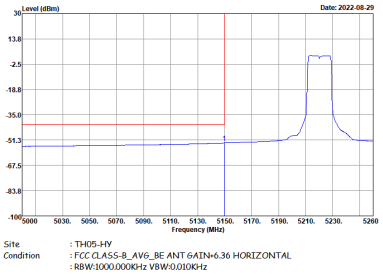
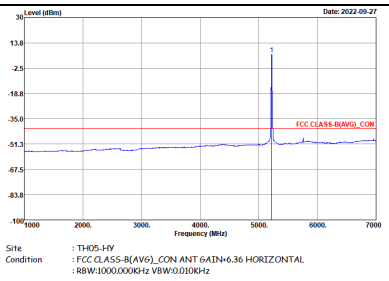
**Note symbol**

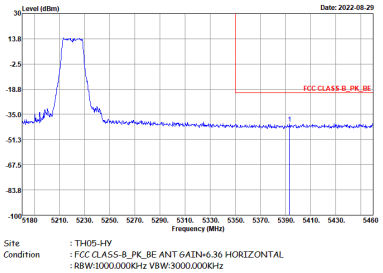
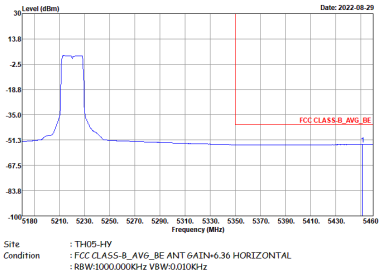
| | |
|---|---|
| -L | **Low channel location** |
| -R | **High channel location** |

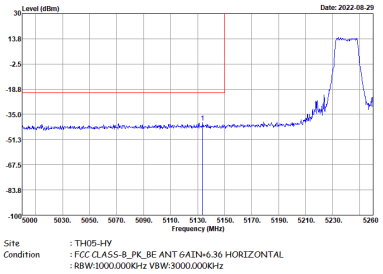
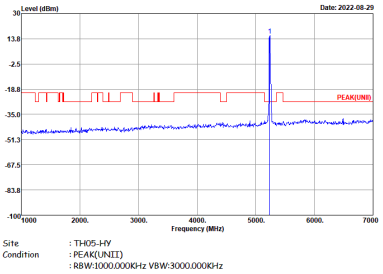
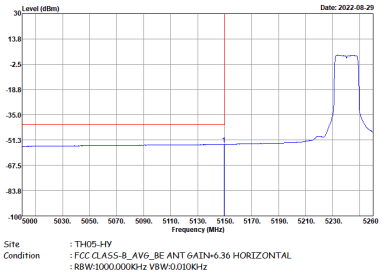
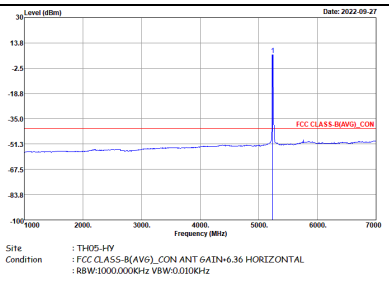
## UNII 1 - 5150~5250MHz

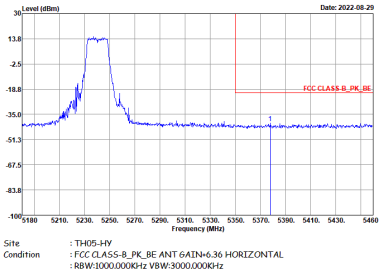
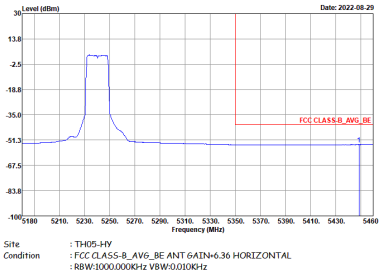
## WIFI 802.11a (Band Edge)

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH36 5180MHz | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH44 5220MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

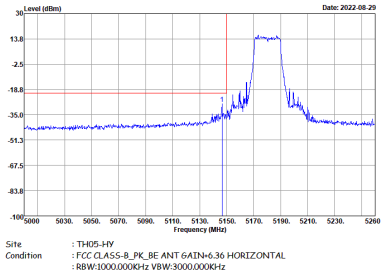
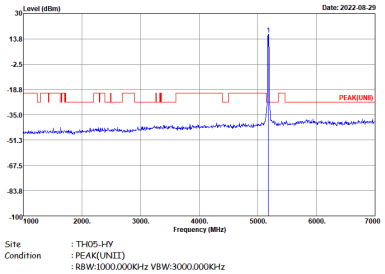
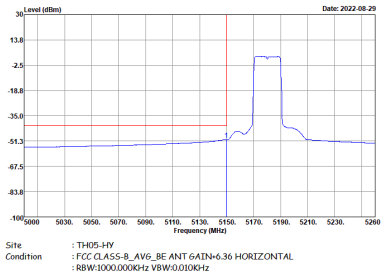
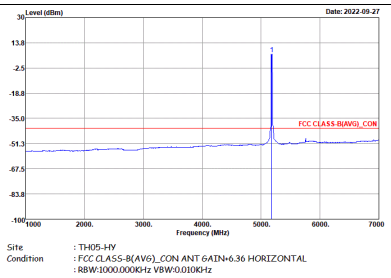
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH44 5220MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

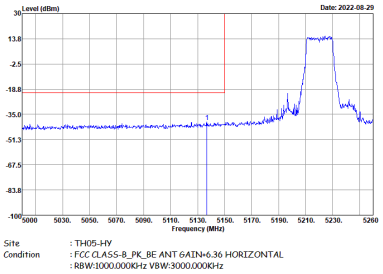
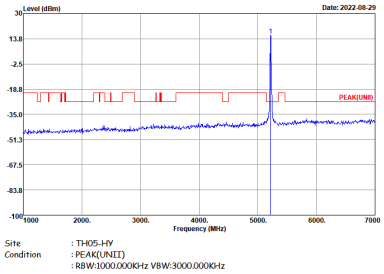
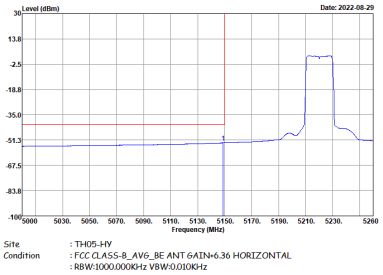
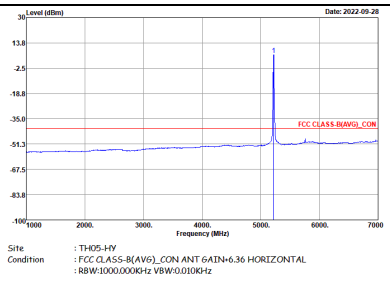
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH48 5220MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

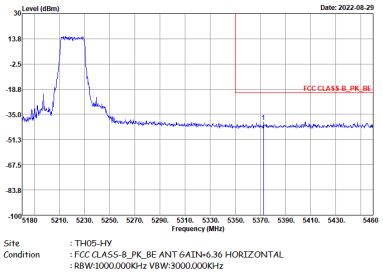
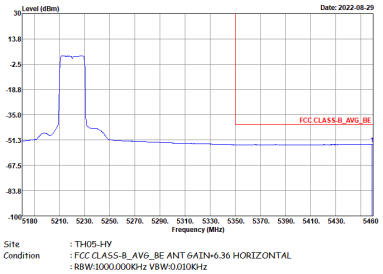
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH48 5240MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

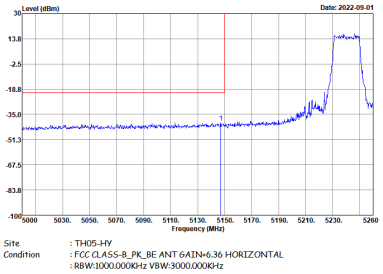
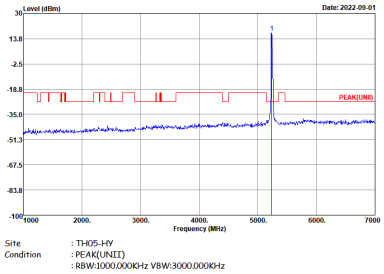
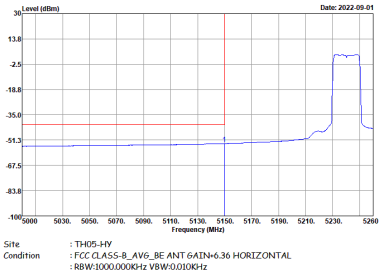
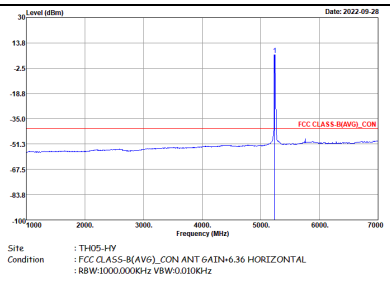
## UNII 1 - 5150~5250MHz

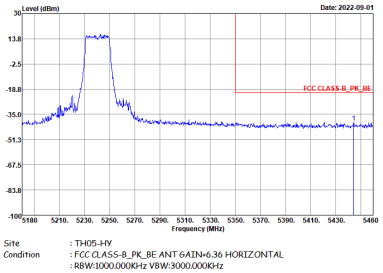
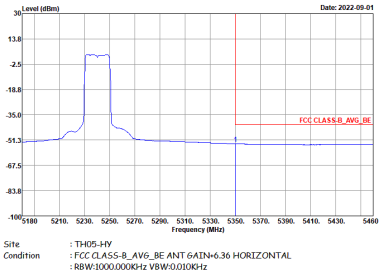
## WIFI 802.11ax HE20 Full (Band Edge)

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH36 5180MHz | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH44 5220MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

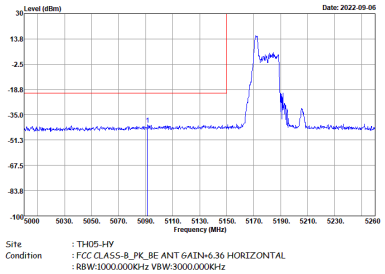
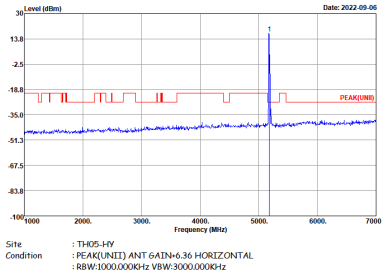
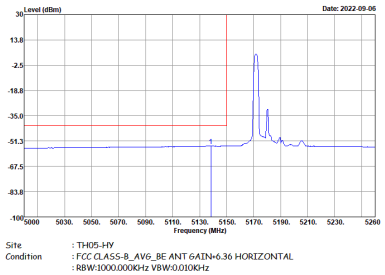
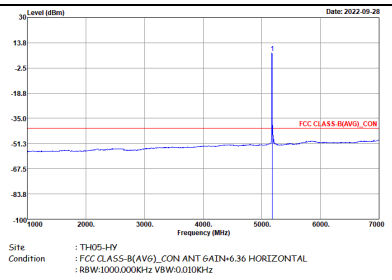
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH44 5220MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

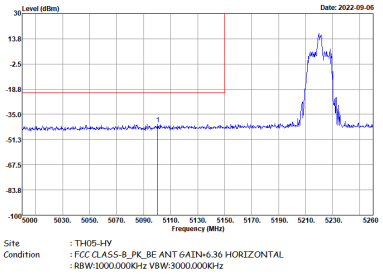
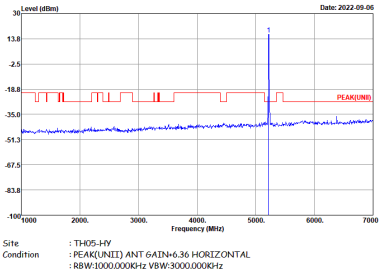
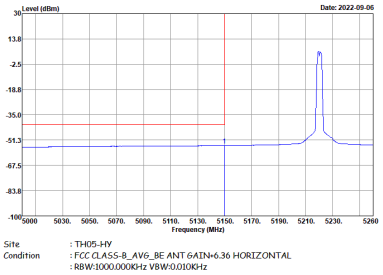
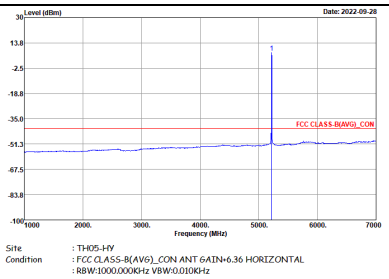
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH48 5240MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

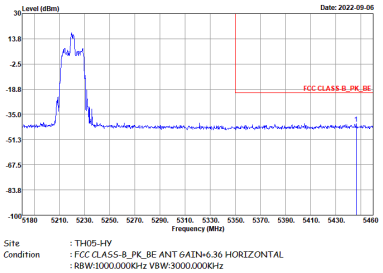
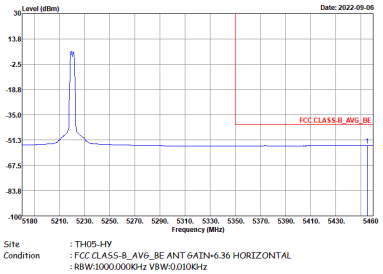
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH48 5240MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

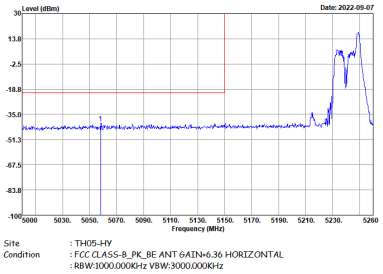
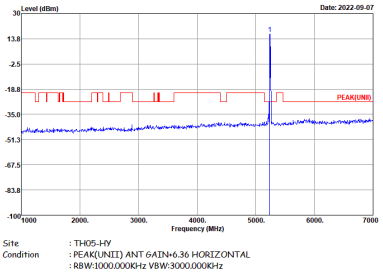
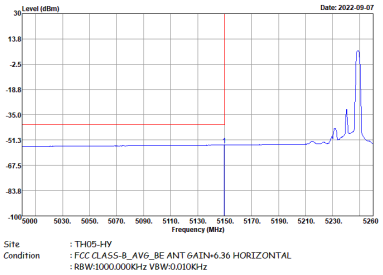
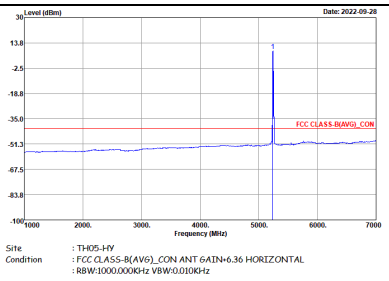
## UNII 1 - 5150~5250MHz

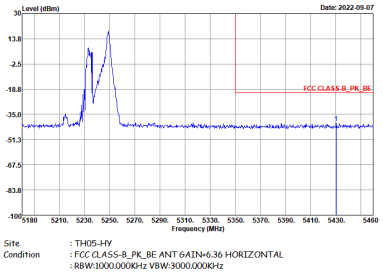
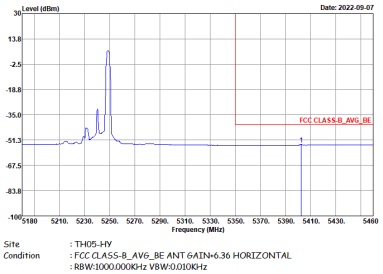
## WIFI 802.11ax HE20 Partial 26 (Band Edge)

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/0 CH36 5180MHz | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/4 CH44 5220MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_PK_BE ANT GAIN+6.36 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |  <br>Site : TH05-HY<br>Condition : PEAK(UNII) ANT GAIN+6.36 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |
| Avg. |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_AVG_BE ANT GAIN+6.36 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B(AVG)_CON ANT GAIN+6.36 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |

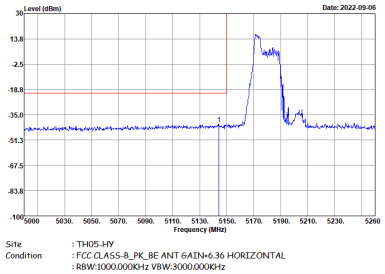
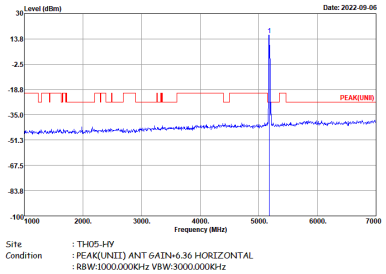
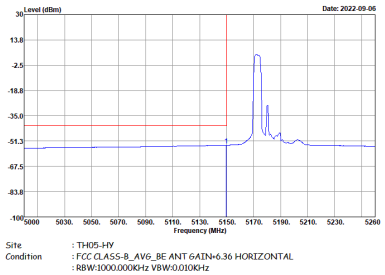
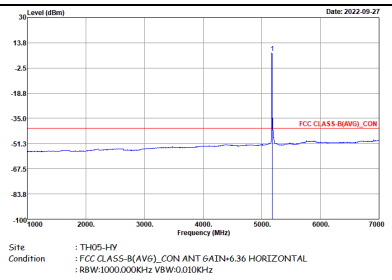
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/4 CH44 5220MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/8 CH48 5220MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/8 CH48 5240MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

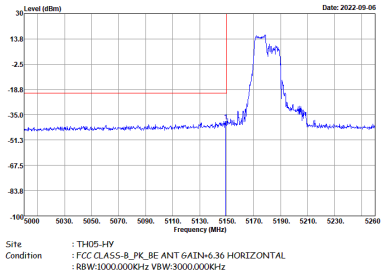
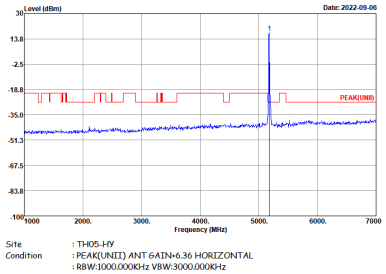
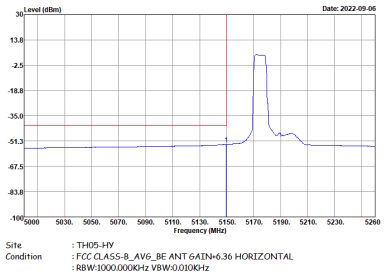
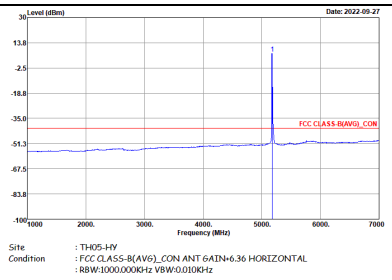
## UNII 1 - 5150~5250MHz

## WIFI 802.11ax HE20 Partial 52 (Band Edge)

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 52/37 CH36 5180MHz | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

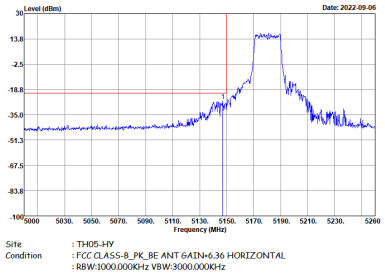
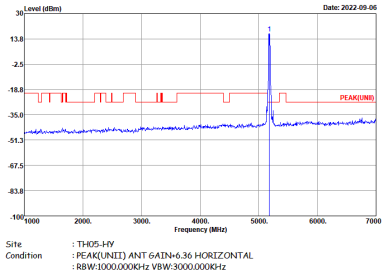
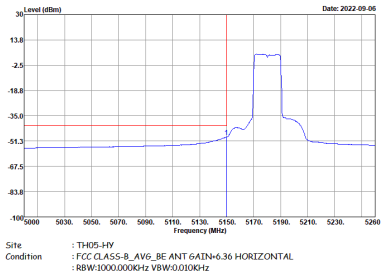
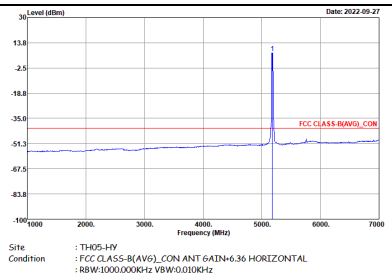
**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge)**

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 106/53 CH36 5180MHz | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

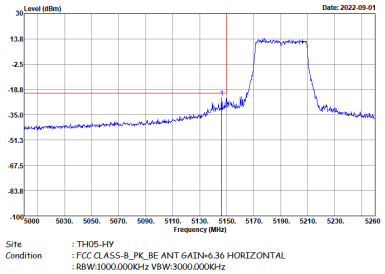
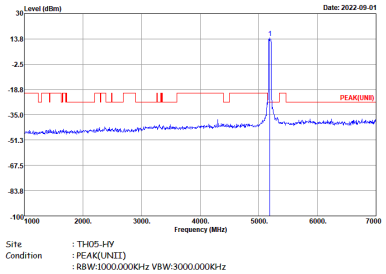
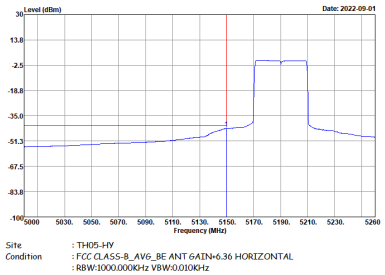
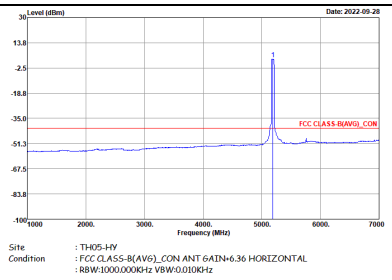
## UNII 1 - 5150~5250MHz

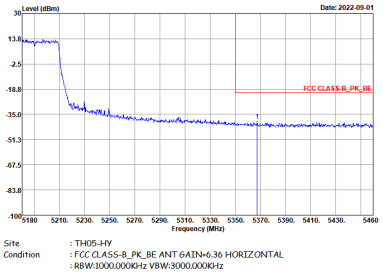
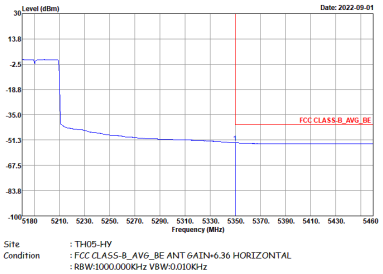
## WIFI 802.11ax HE20 Partial 242 (Band Edge)

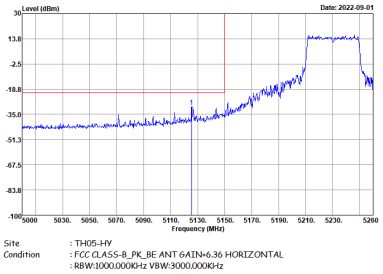
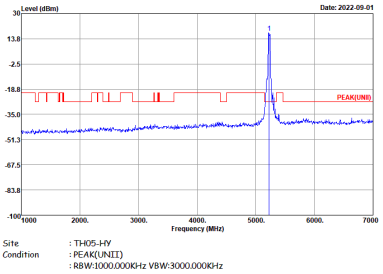
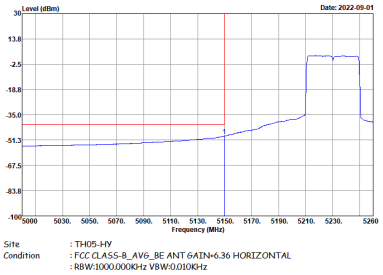
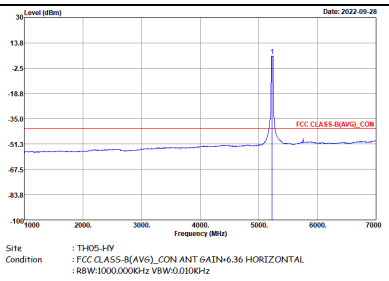
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 242/61 CH36 5180MHz | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

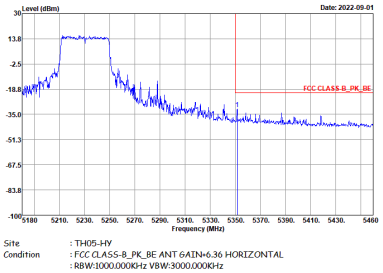
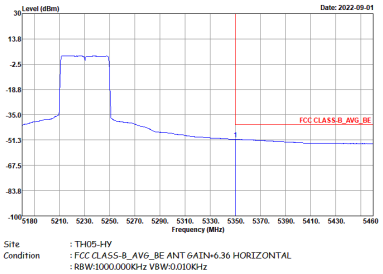
## UNII 1 - 5150~5250MHz

## WIFI 802.11ax HE40 Full (Band Edge)

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Full CH38 5190MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

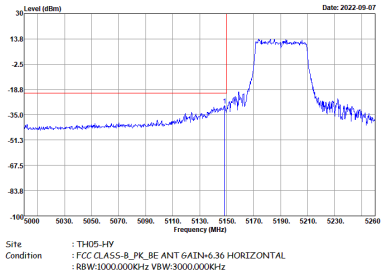
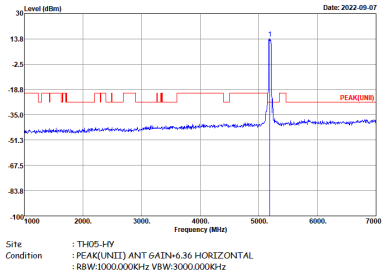
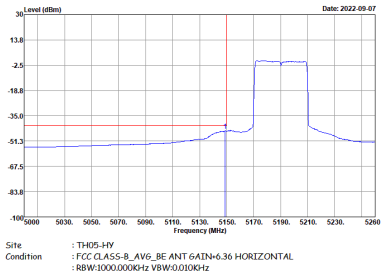
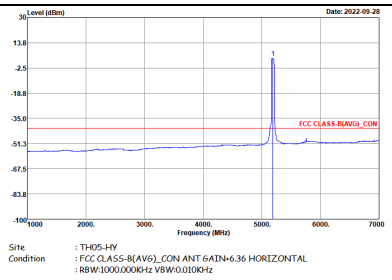
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Full CH38 5190MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

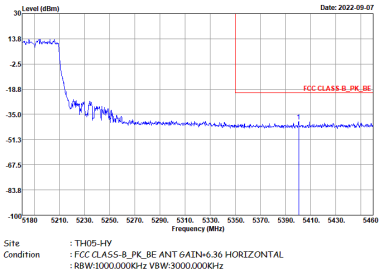
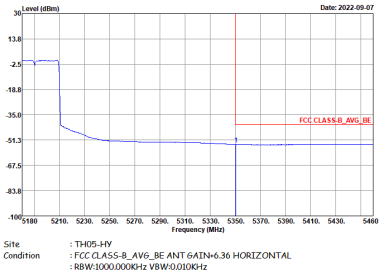
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Full CH46 5230MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

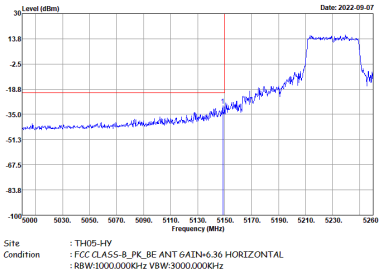
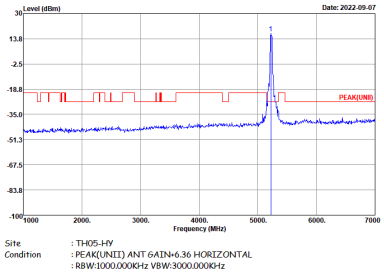
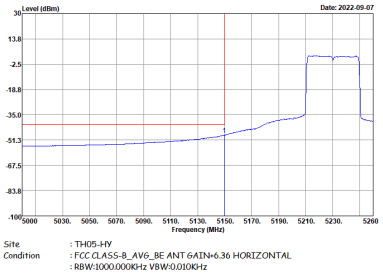
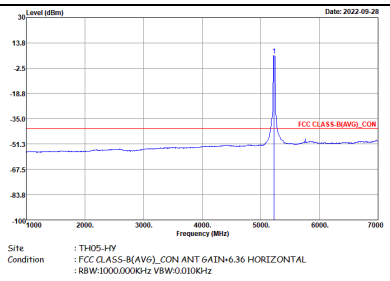
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Full CH46 5230MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

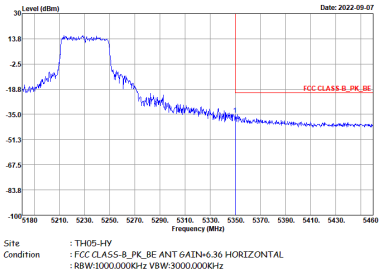
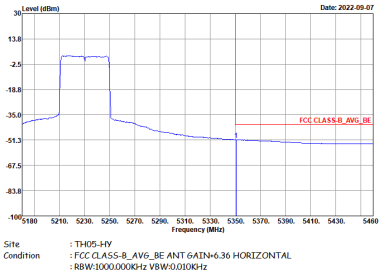
**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Partial 484/65 CH38 5190MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

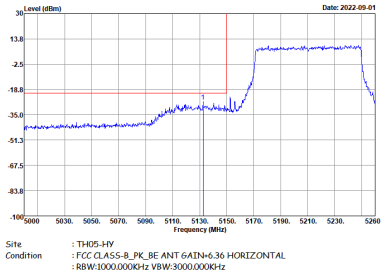
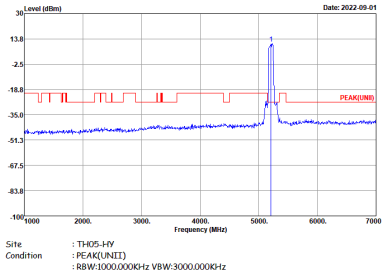
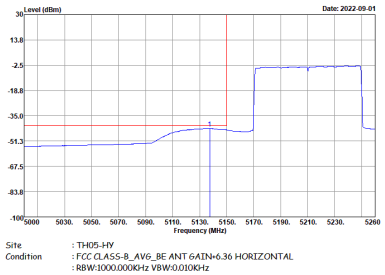
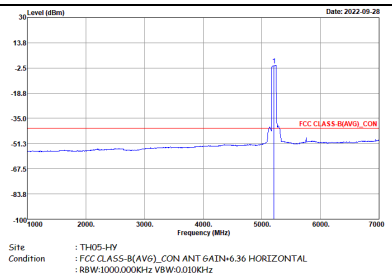
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Partial 484/65 CH38 5190MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

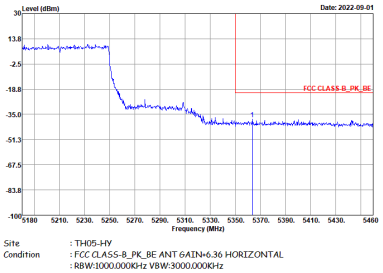
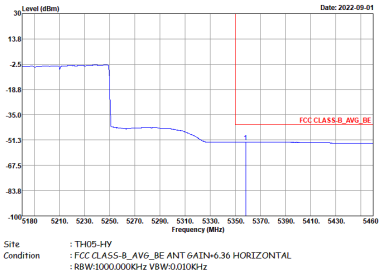
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Partial 484/65 CH46 5230MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Partial 484/65 CH46 5230MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

## UNII 1 - 5150~5250MHz

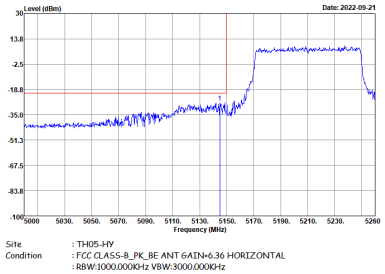
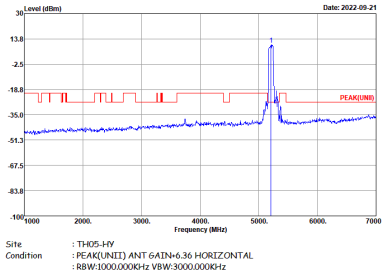
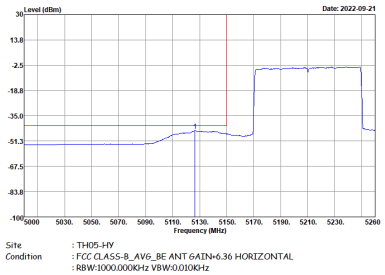
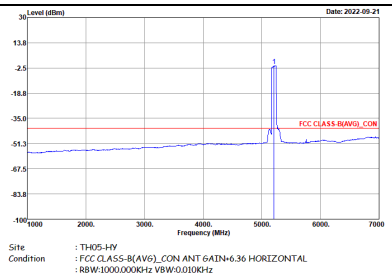
## WIFI 802.11ax HE80 Full (Band Edge)

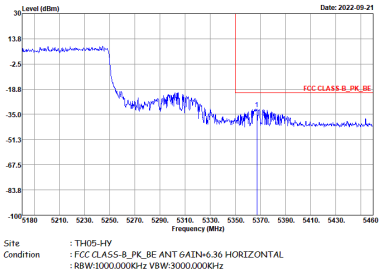
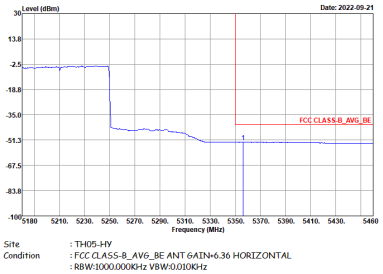
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE80 Full CH42 5210MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE80 Full CH42 5210MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

**UNII 1 - 5150~5250MHz**

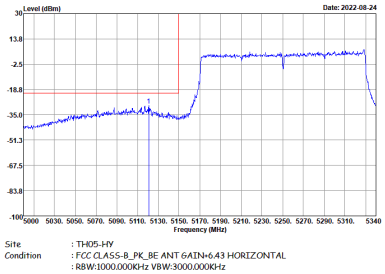
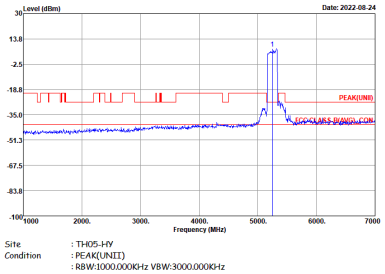
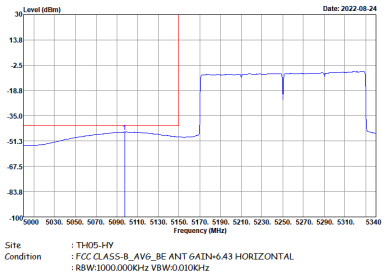
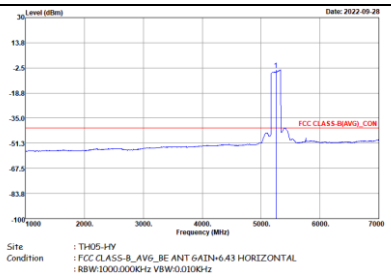
**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

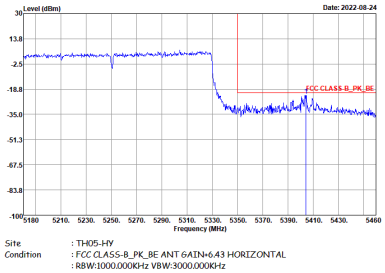
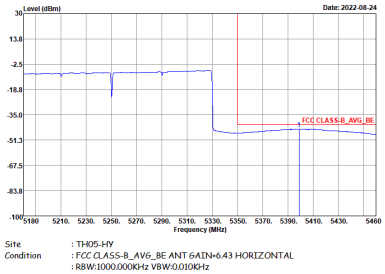
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE80 Partial 996 CH42 5210MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE80 Partial 996 CH42 5210MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

**UNII 1 - 5150~5250MHz**

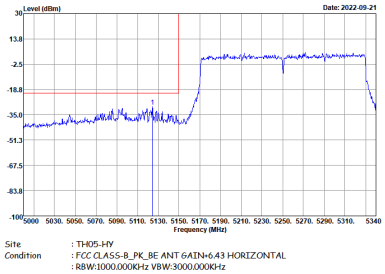
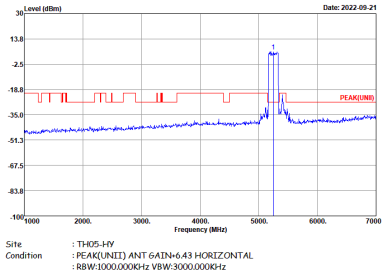
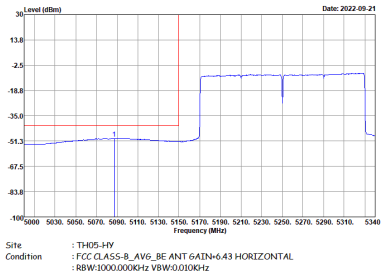
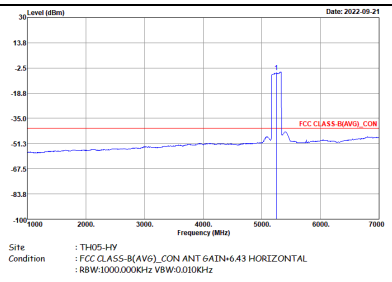
**WIFI 802.11ax HE160 Full (Band Edge)**

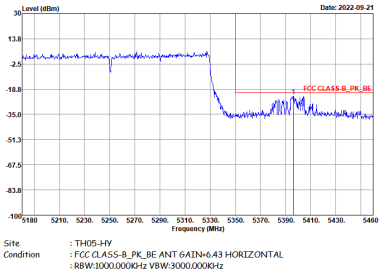
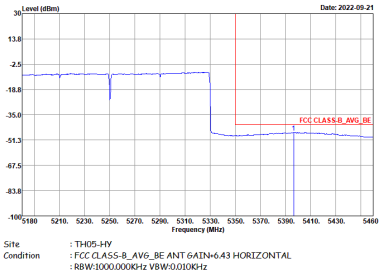
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE160 Full CH50 5250MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE160 Full CH50 5250MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

**UNII 1 - 5150~5250MHz**

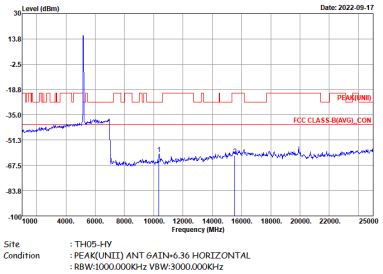
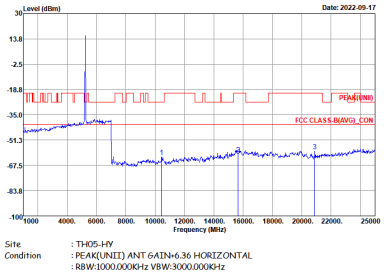
**WIFI 802.11ax HE160 Partial 1992 (Band Edge)**

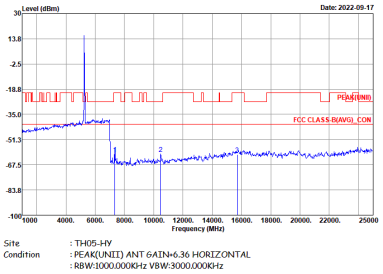
| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE160 Partial 1992/68 CH50 5250MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE160 Partial 1992/68 CH50 5250MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

**UNII 1 - 5150~5250MHz**

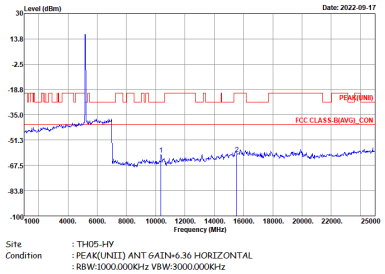
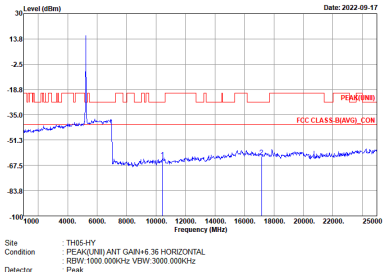
**WIFI 802.11a (Harmonic)**

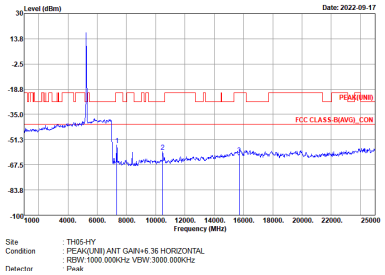
| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | 802.11a | |
| 4 | CH36 5180MHz | CH44 5220MHz |
| Peak<br>Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | 802.11a | |
| 4 | CH48 5240MHz | |
| Peak<br>Avg. |  | Left blank |

**UNII 1 - 5150~5250MHz**

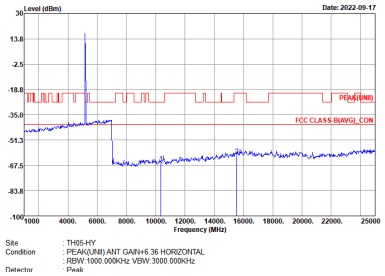
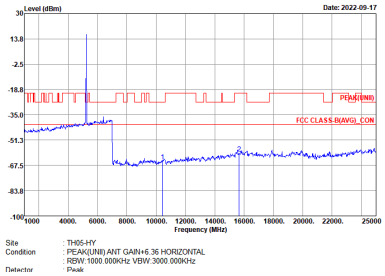
**WIFI 802.11ax HE20 Full (Harmonic)**

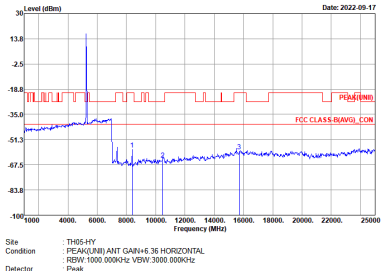
| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE20 Full | |
| 4 | CH36 5180MHz | CH44 5220MHz |
| Peak<br>Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE20 | |
| 4 | CH48 5240MHz | |
| Peak<br>Avg. |  | Left blank |

**UNII 1 - 5150~5250MHz**

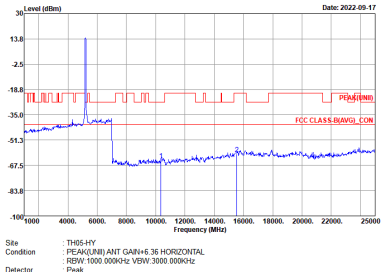
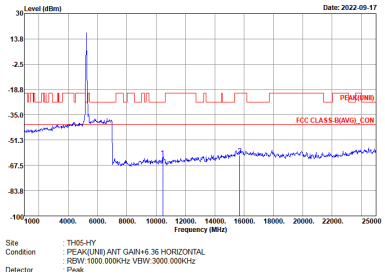
**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26 | |
| 4 | Partial 26/0 CH36 5180MHz | Partial 26/4 CH44 5220MHz |
| Peak<br>Avg. |  |  |

| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26 | |
| 4 | Partial 26/8 CH48 5240MHz | |
| Peak<br>Avg. |  | Left blank |

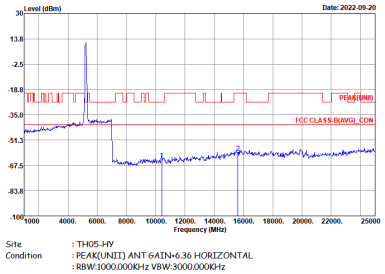
**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE40 Full (Harmonic)**

| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE40 Full | |
| 4 | CH38 5190MHz | CH46 5230MHz |
| Peak<br>Avg. |  |  |

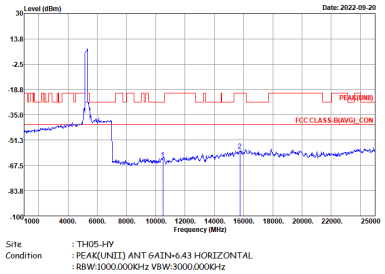
**UNII 1 - 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Harmonic)**

| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | WIFI 802.11ax HE80 Full | |
| 4 | CH42 5210MHz | |
| Peak<br>Avg. |  | Left blank |

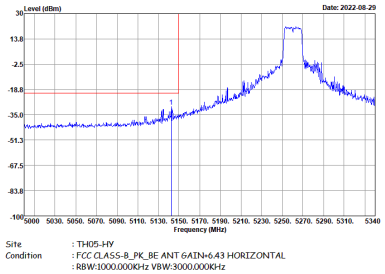
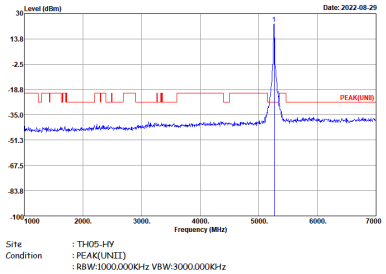
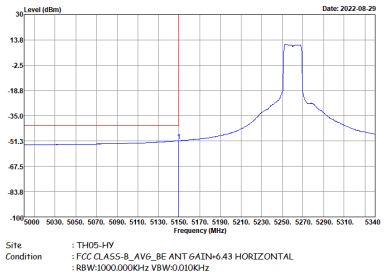
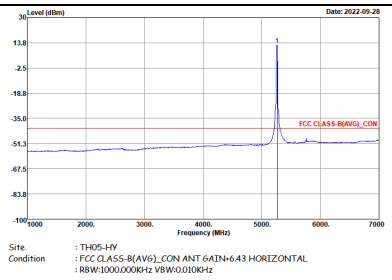
**UNII 1 - 5150~5250MHz**

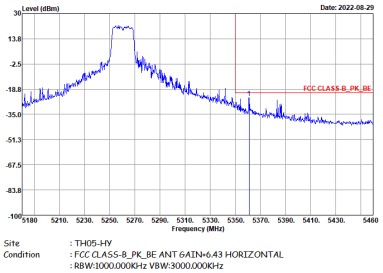
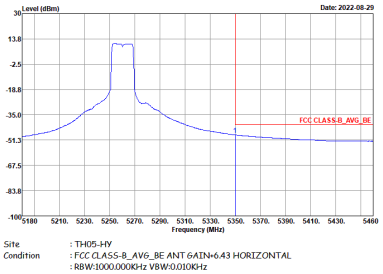
**WIFI 802.11ax HE160 Full (Harmonic)**

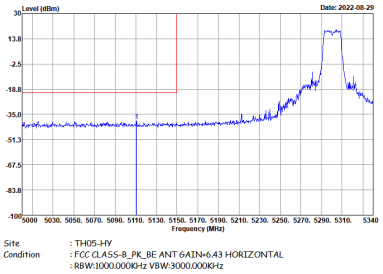
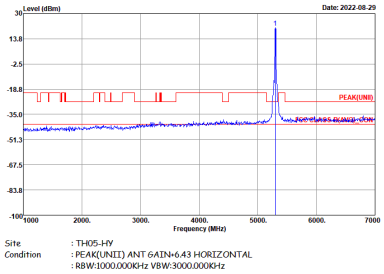
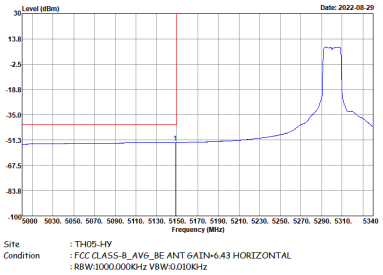
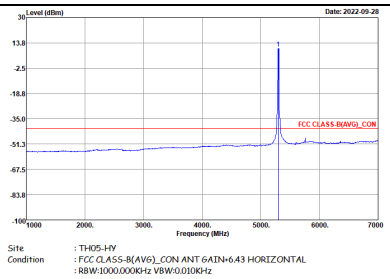
| WIFI | UNII 1 5150~5250MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE160 Full | |
| 4 | CH50 5250MHz | |
| Peak<br>Avg. |  | Left blank |

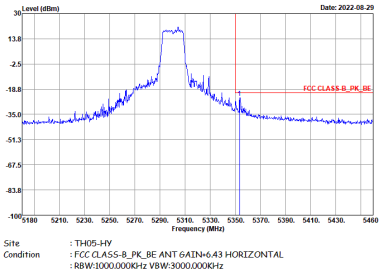
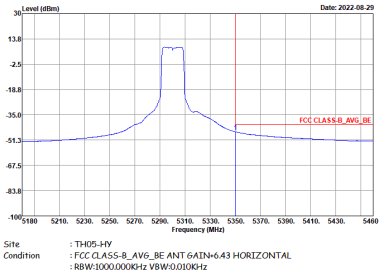
**UNII 2A - 5250~5350MHz**

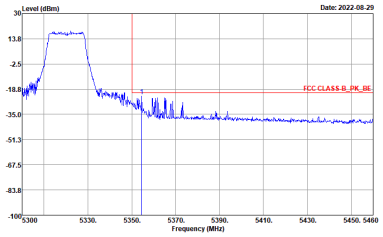
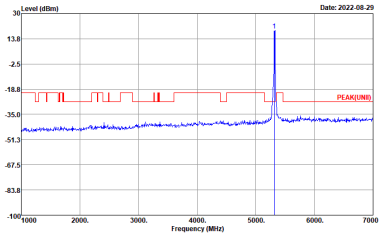
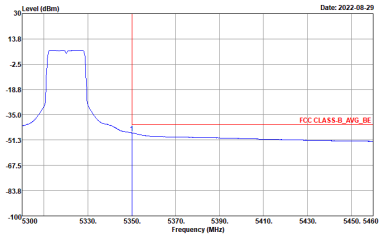
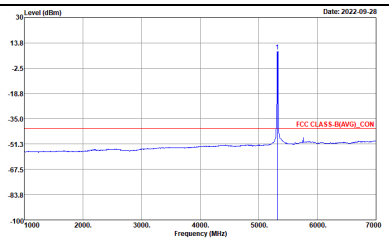
**WIFI 802.11a (Band Edge)**

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH52 5260MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH52 5260MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

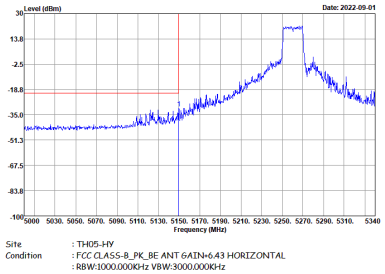
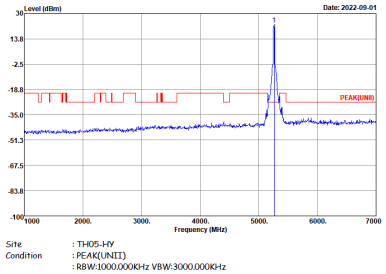
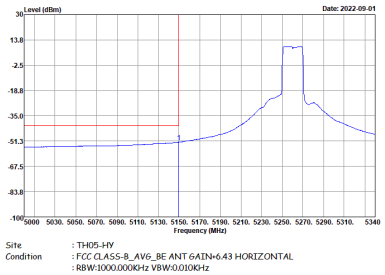
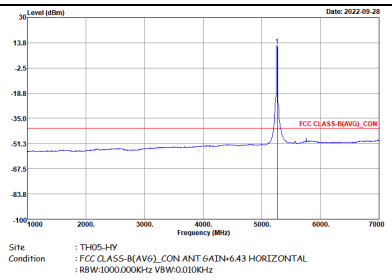
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH60 5300MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

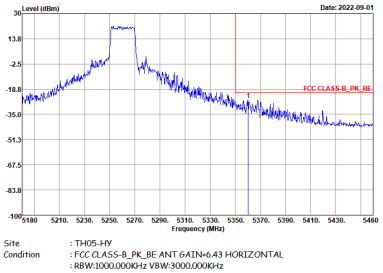
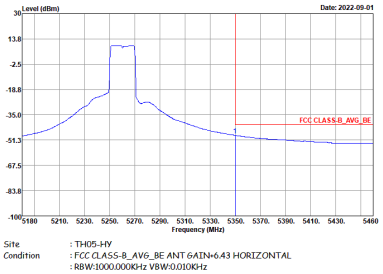
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH60 5300MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

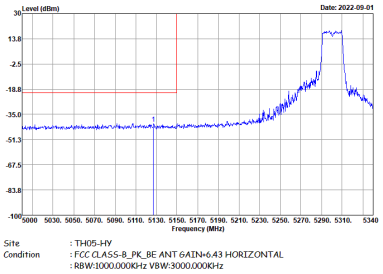
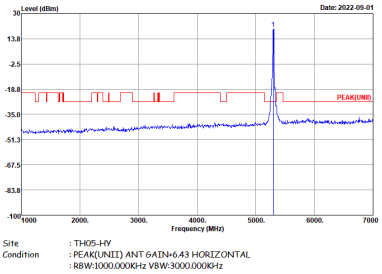
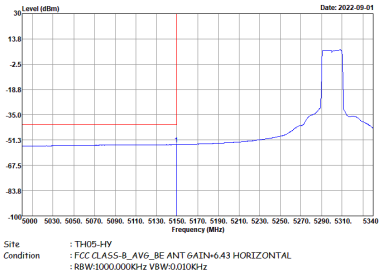
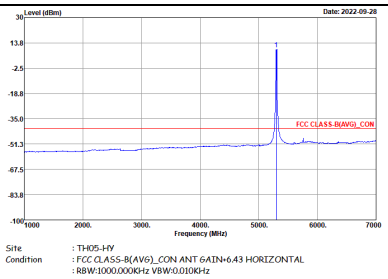
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11a CH64 5320MHz | |
| 4 | CSE | Fundamental |
| Peak |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_PK_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |  <br>Site : TH05-HY<br>Condition : PEAK(UNII) ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |
| Avg. |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_AVG_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B(AVG)_CON ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |

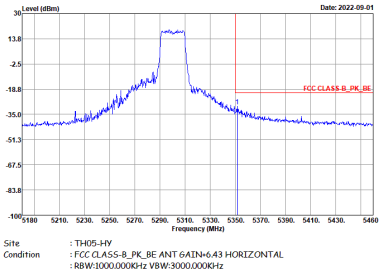
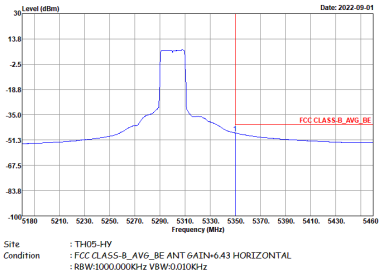
## UNII 2A - 5250~5350MHz

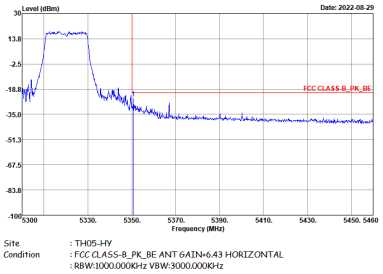
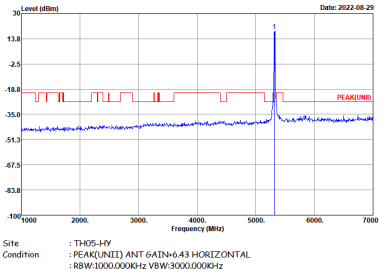
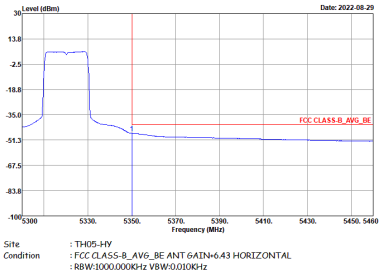
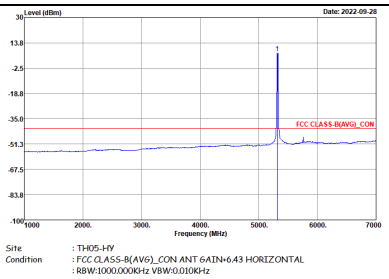
## WIFI 802.11ax HE20 Full (Band Edge)

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH52 5260MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH52 5260MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

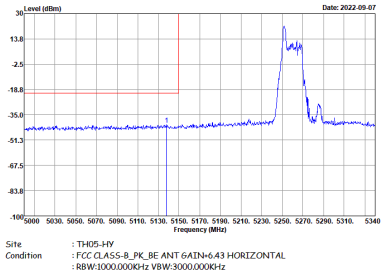
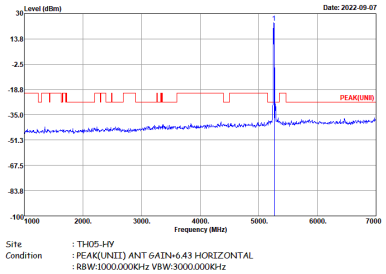
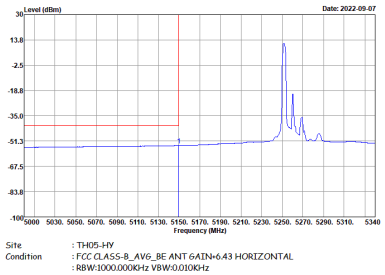
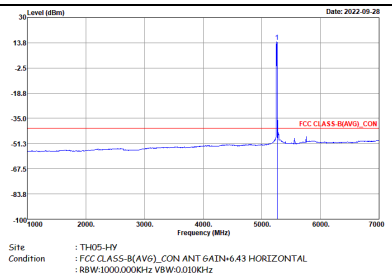
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH60 5300MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_PK_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |  <br>Site : TH05-HY<br>Condition : PEAK(UNII) ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |
| Avg. |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_AVG_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B(AVG)_CON ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |

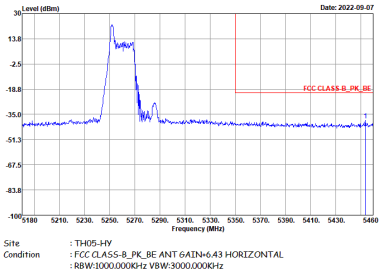
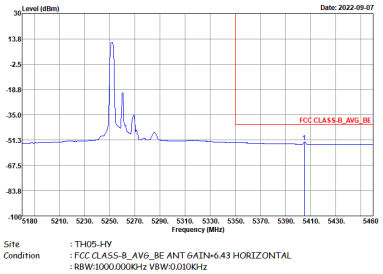
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH60 5300MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

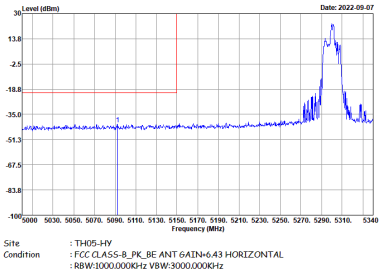
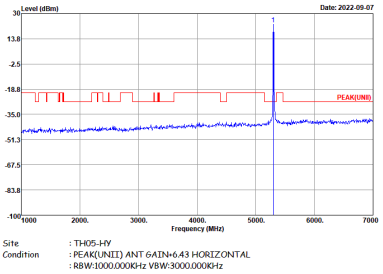
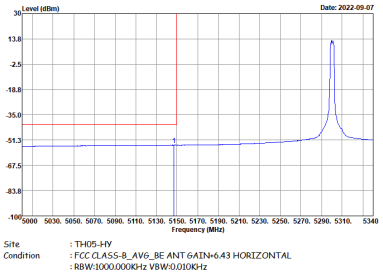
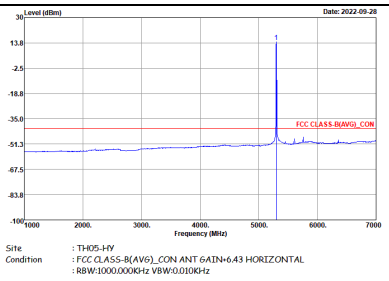
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Full CH64 5320MHz | |
| 4 | CSE | Fundamental |
| Peak |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_PK_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |  <br>Site : TH05-HY<br>Condition : PEAK(UNII) ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |
| Avg. |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_AVG_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B(AVG)_CON ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |

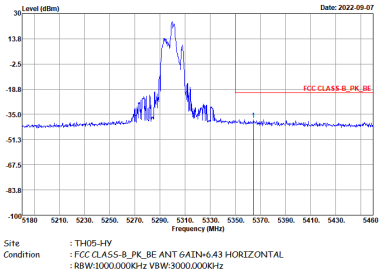
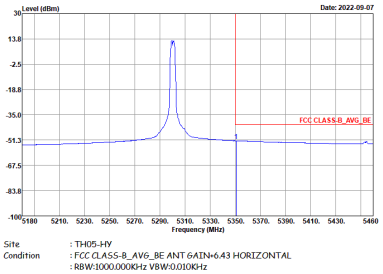
## UNII 2A - 5250~5350MHz

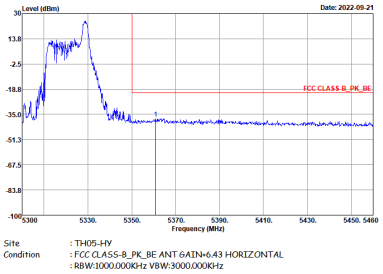
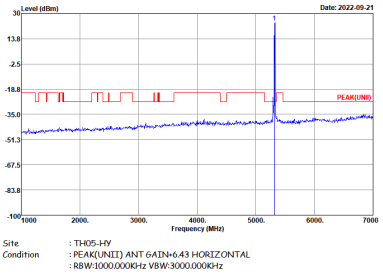
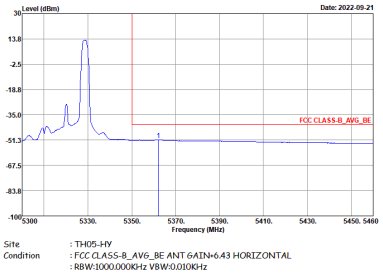
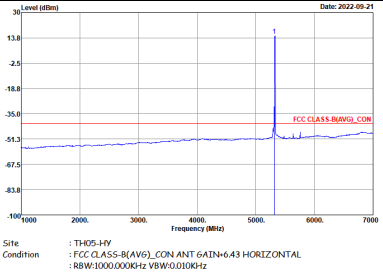
## WIFI 802.11ax HE20 Partial 26 (Band Edge)

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/0 CH52 5260MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/0 CH52 5260MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

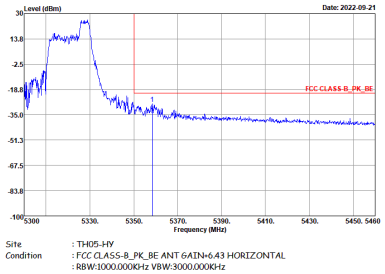
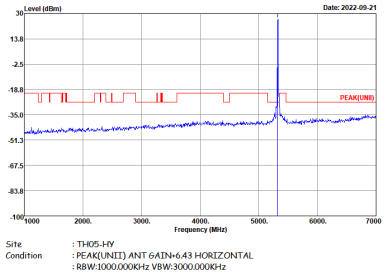
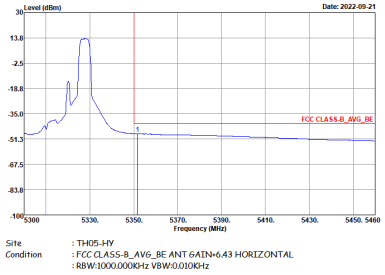
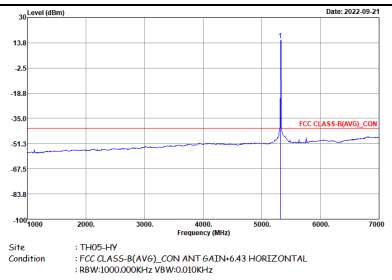
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/4 CH60 5300MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/4 CH60 5300MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26/8 CH64 5320MHz | |
| 4 | CSE | Fundamental |
| Peak |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_PK_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |  <br>Site : TH05-HY<br>Condition : PEAK(UNII) ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |
| Avg. |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_AVG_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B(AVG)_CON ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |

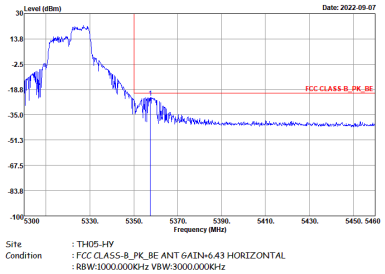
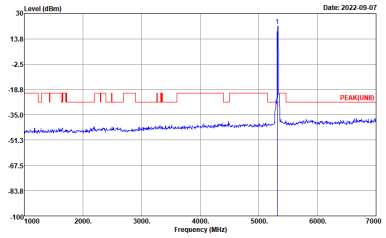
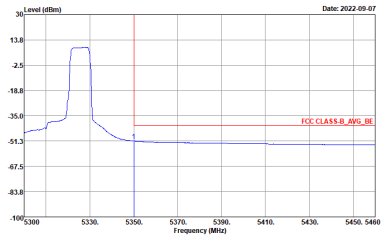
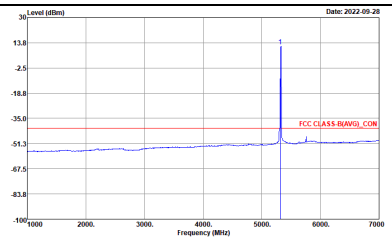
**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge)**

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 52/40 CH64 5320MHz | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

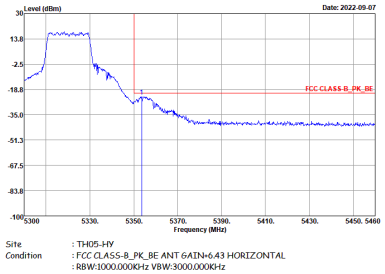
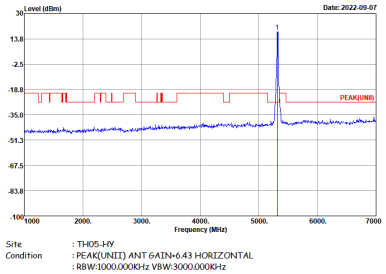
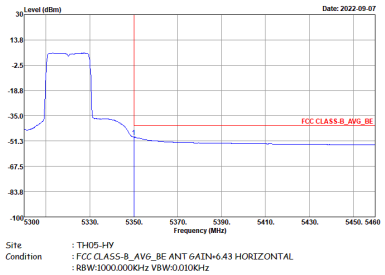
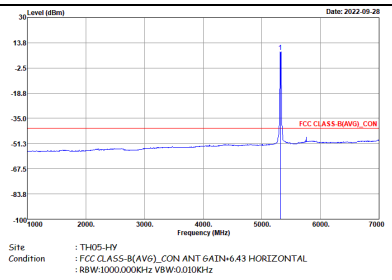
**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge)**

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 106/54 CH64 5320MHz | |
| 4 | CSE | Fundamental |
| Peak |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_PK_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |  <br>Site : TH05-HY<br>Condition : PEAK(UNII) ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |
| Avg. |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_AVG_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B(AVG)_CON ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |

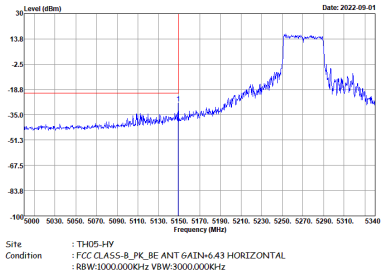
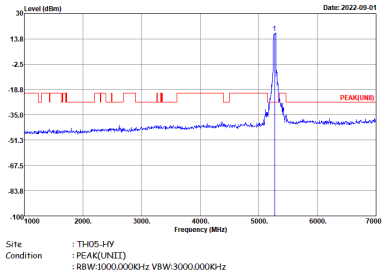
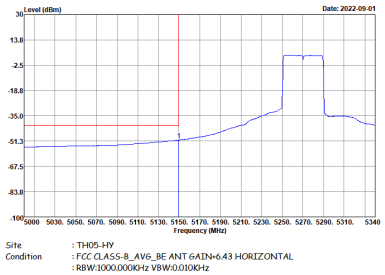
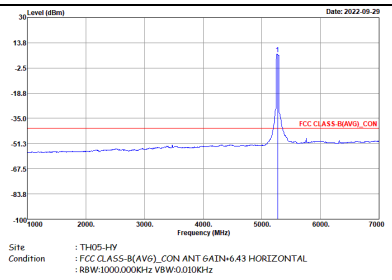
**UNII 2A - 5250~5350MHz**

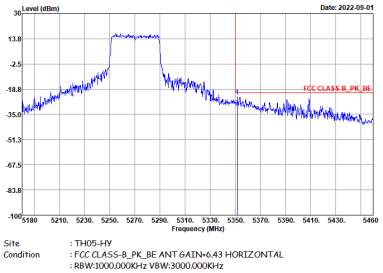
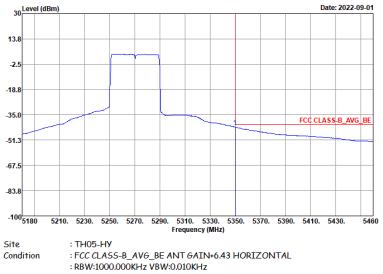
**WIFI 802.11ax HE20 Partial 242 (Band Edge)**

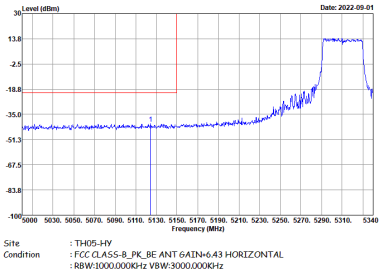
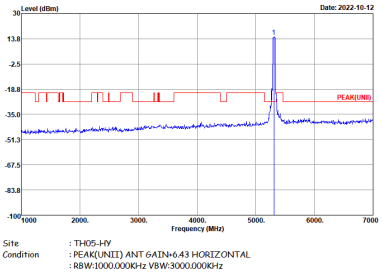
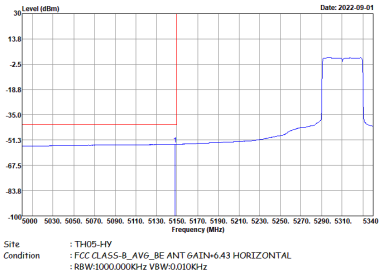
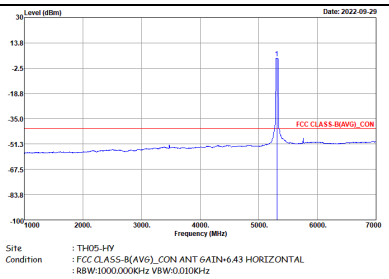
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 242/61 CH64 5320MHz | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

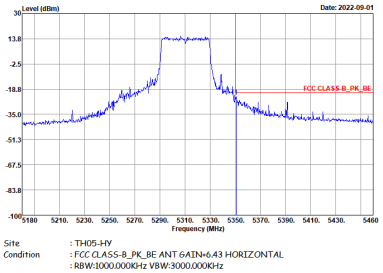
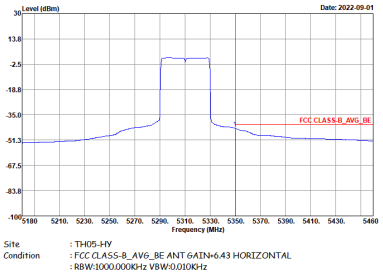
## UNII 2A - 5250~5350MHzR

## WIFI 802.11ax HE40 Full (Band Edge)

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Full CH54 5270MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

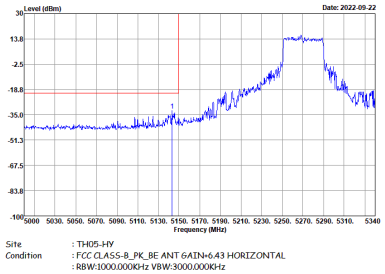
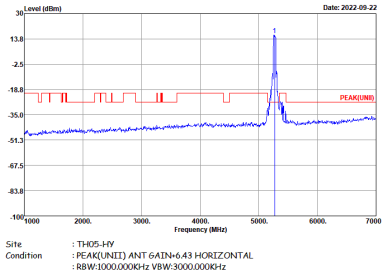
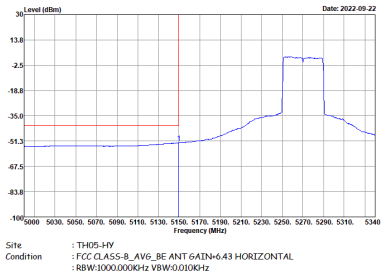
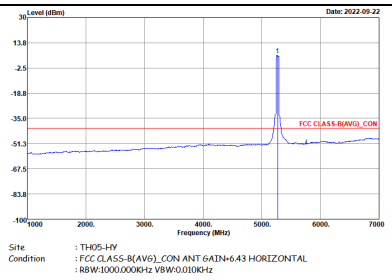
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Full CH54 5270MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

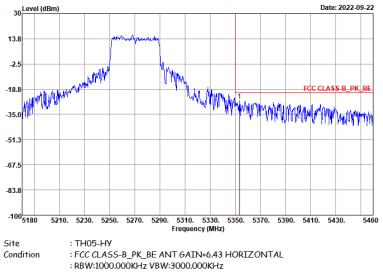
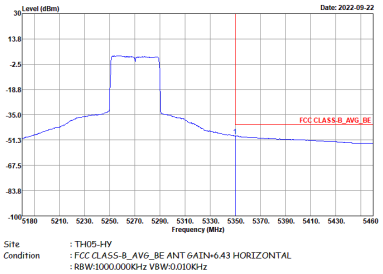
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Full CH62 5310MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_PK_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |  <br>Site : TH05-HY<br>Condition : PEAK(UNII) ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |
| Avg. |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_AVG_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B(AVG)_CON ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |

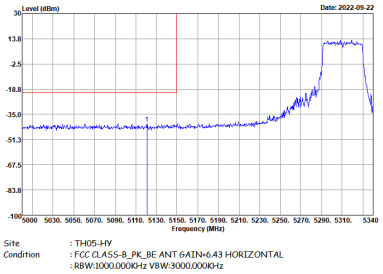
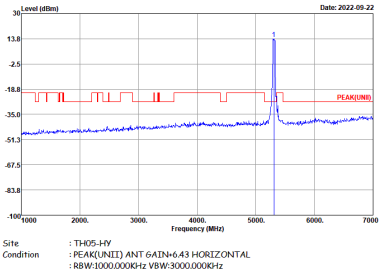
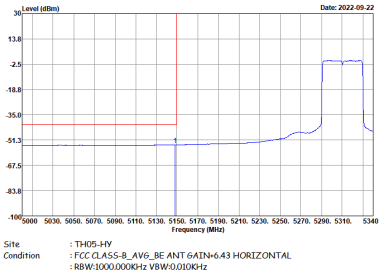
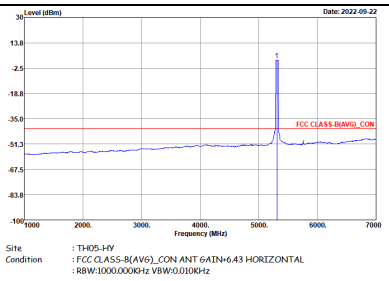
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Full CH62 5310MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

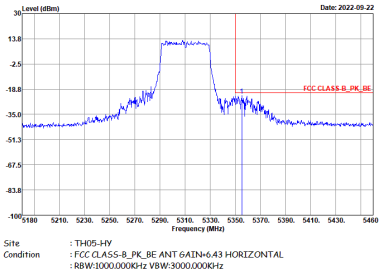
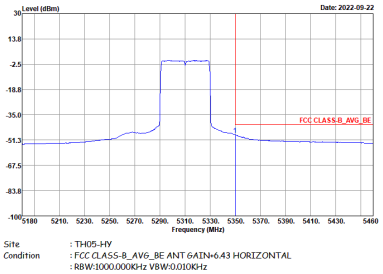
**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE40 Partial 484 (Band Edge)**

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Partial 484/65 CH54 5270MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

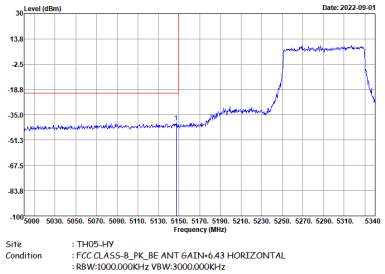
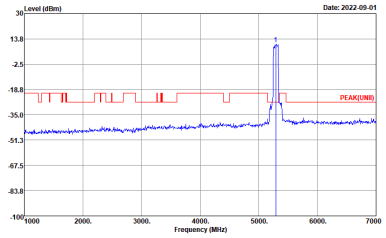
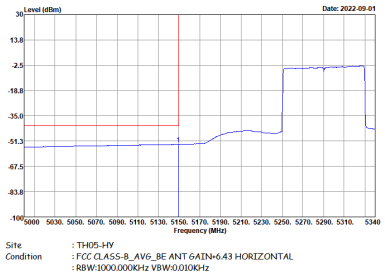
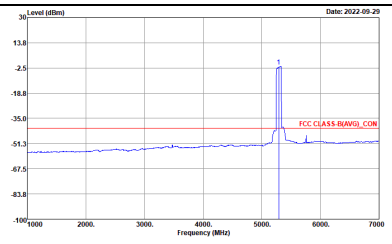
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Partial 484/65 CH54 5270MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

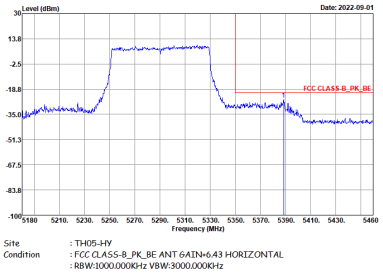
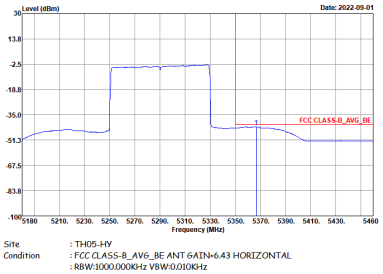
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Partial 484/65 CH62 5310MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE40 Partial 484/65 CH62 5310MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

## UNII 2A - 5250~5350MHz

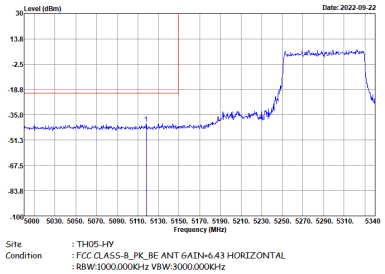
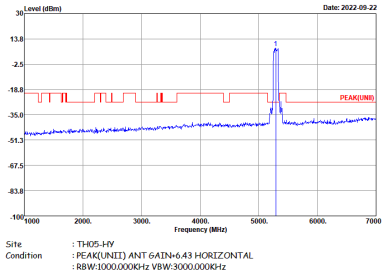
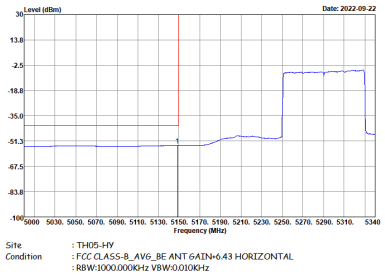
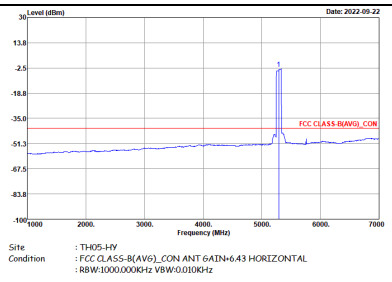
## WIFI 802.11ax HE80 Full (Band Edge)

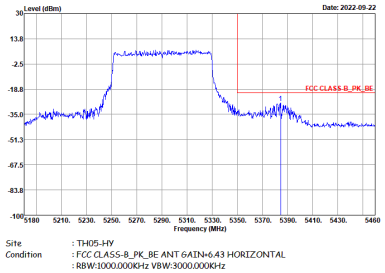
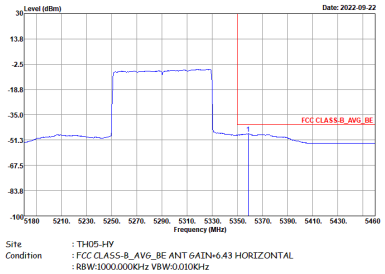
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE80 Full CH58 5290MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_PK_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |  <br>Site : TH05-HY<br>Condition : PEAK(UNII) ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz |
| Avg. |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B_AVG_BE ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |  <br>Site : TH05-HY<br>Condition : FCC CLASS-B(AVG)_CON ANT 6AIN+6.43 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz |

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE80 Full CH58 5290MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

**UNII 2A - 5250~5350MHz**

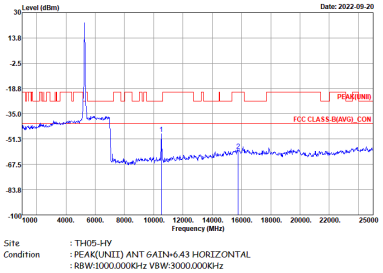
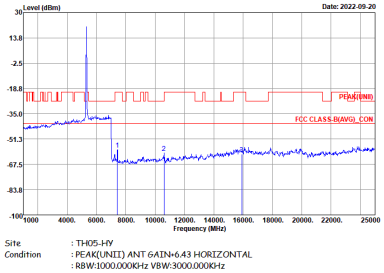
**WIFI 802.11ax HE80 Partial 996 (Band Edge)**

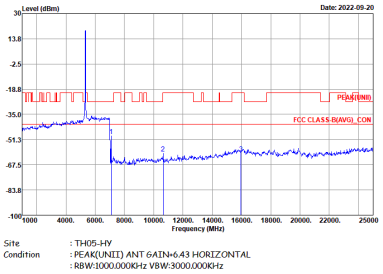
| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE80 Partial 996/67 CH58 5290MHz - L | |
| 4 | CSE | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | UNII 2A 5250~5350MHz Band Edge | |
|---|---|---|
| ANT | 802.11ax HE80 Partial 996/67 CH58 5290MHz - R | |
| 4 | CSE | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

**UNII 2A - 5250~5350MHz**

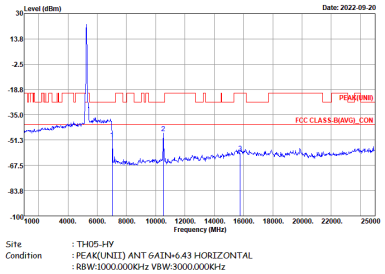
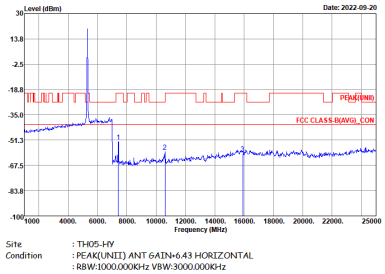
**WIFI 802.11a (Harmonic)**

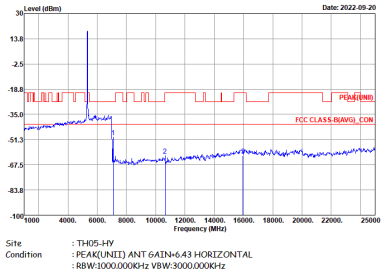
| WIFI | UNII 2A 5250~5350MHz Harmonic | |
|---|---|---|
| ANT | 802.11a | |
| 4 | CH52 5260MHz | CH60 5300MHz |
| Peak<br>Avg. |  |  |

| WIFI | UNII 2A 5250~5350MHz Harmonic | |
|---|---|---|
| ANT | 802.11a | |
| 4 | CH64 5320MHz | |
| Peak<br>Avg. |  | Left blank |

**UNII 2A - 5250~5350MHz**

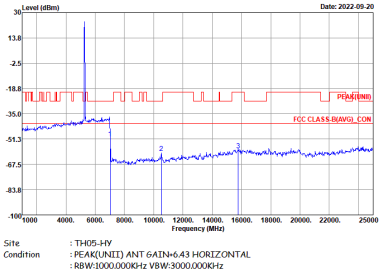
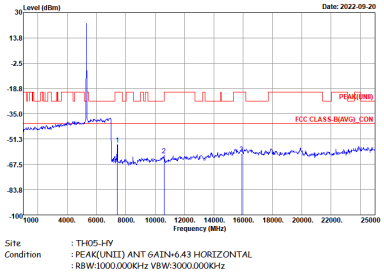
**WIFI 802.11ax HE20 Full (Harmonic)**

| WIFI | UNII 2A 5250~5350MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE20 Full | |
| 4 | CH52 5260MHz | CH60 5300MHz |
| Peak<br>Avg. |  |  |

| WIFI | UNII 2A 5250~5350MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE20 Full | |
| 4 | CH64 5320MHz | |
| Peak<br>Avg. |  | Left blank |

**UNII 2A - 5250~5350MHz**

**WIFI 802.11ax HE20 Partial 26 (Harmonic)**

| WIFI | UNII 2A 5250~5350MHz Harmonic | |
|---|---|---|
| ANT | 802.11ax HE20 Partial 26 | |
| 4 | Partial 26/0 CH52 5260MHz | Partial 26/4 CH60 5300MHz |
| Peak<br>Avg. |  |  |