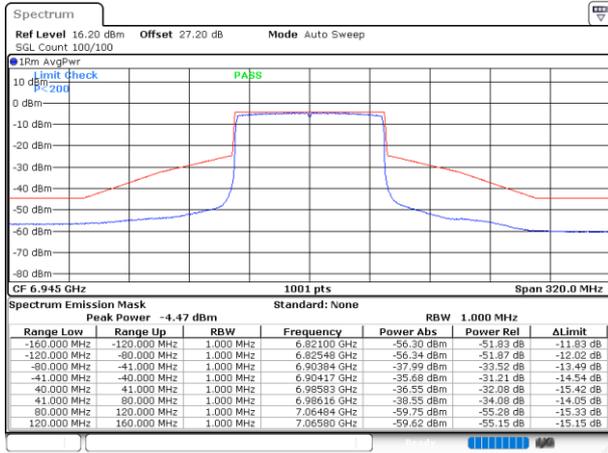


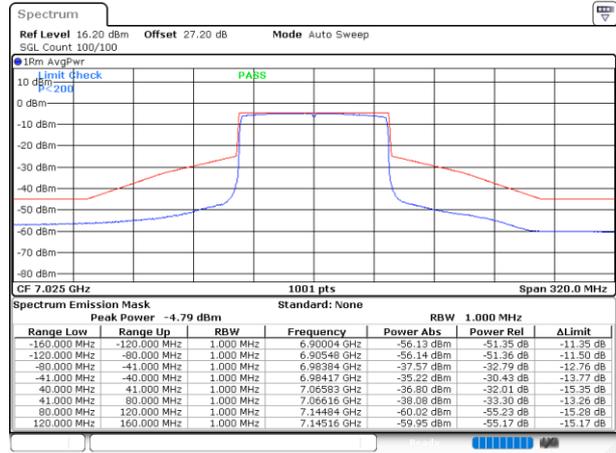


Plot on Channel 6945MHz



Date: 24.JAN.2021 04:15:01

Plot on Channel 7025MHz

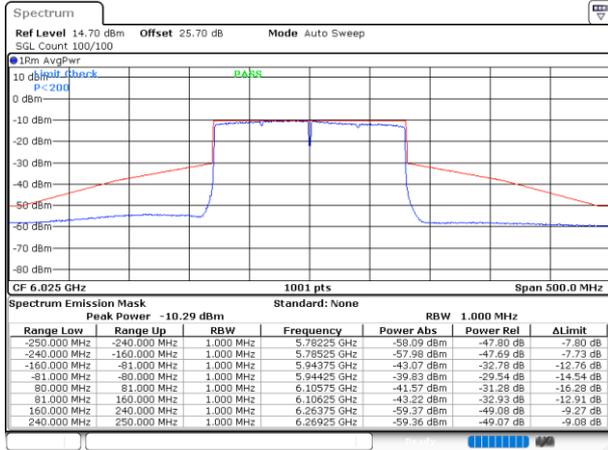


Date: 24.JAN.2021 04:18:12



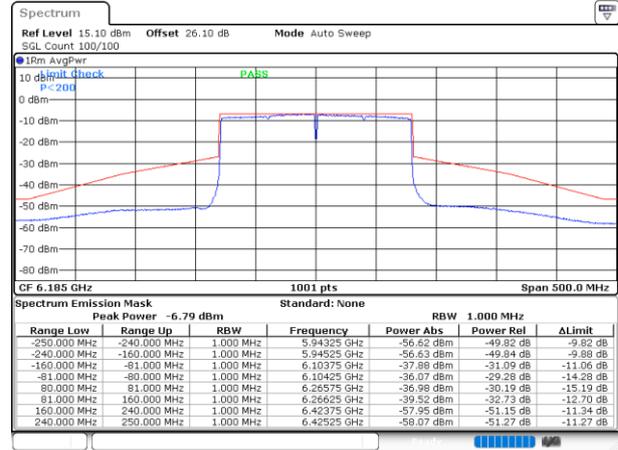
EUT Mode : 802.11ax HE160

Plot on Channel 6025MHz



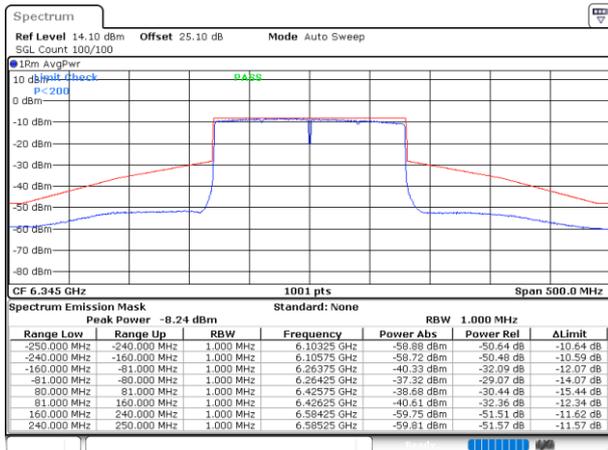
Date: 2.FEB.2021 01:13:08

Plot on Channel 6185MHz



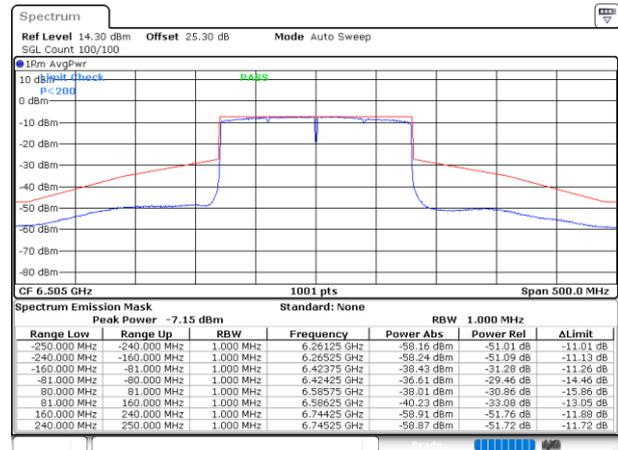
Date: 24.JAN.2021 04:24:45

Plot on Channel 6345MHz



Date: 24.JAN.2021 04:26:48

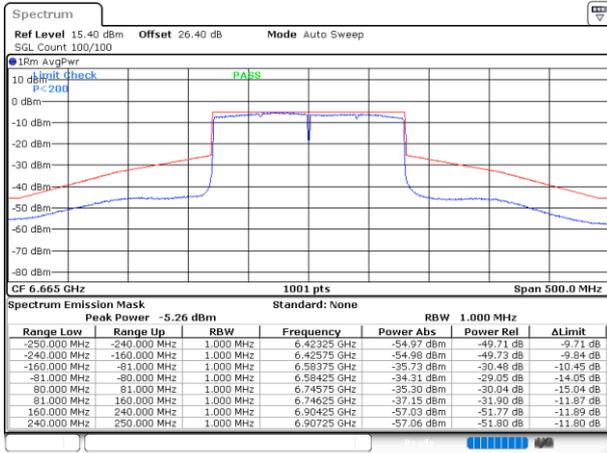
Plot on Channel 6505MHz



Date: 24.JAN.2021 04:33:00

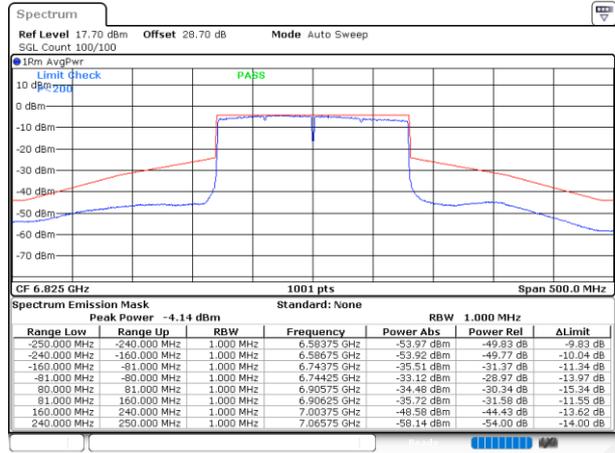


Plot on Channel 6665MHz



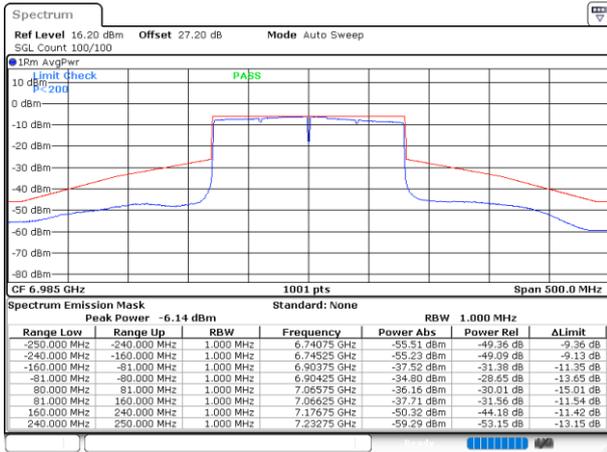
Date: 24. JAN. 2021 04:35:30

Plot on Channel 6825MHz



Date: 24. JAN. 2021 04:39:12

Plot on Channel 6985MHz



Date: 24. JAN. 2021 04:42:27



3.5 Contention Based Protocol

3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

(d)(6) Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

Table 1. Criteria to determine number of times detection threshold test may be performed

| If | Number of Tests | Placement of Incumbent Transmission |
|---------------------------------------|--|--|
| $BW_{EUT} \leq BW_{Inc}$ | Once | Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$) |
| $BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$ | Once | Incumbent transmission is contained within BW_{EUT} |
| $2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$ | Twice. Incumbent transmission is contained within BW_{EUT} | Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel |
| $BW_{EUT} > 4BW_{Inc}$ | Three times | Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel |

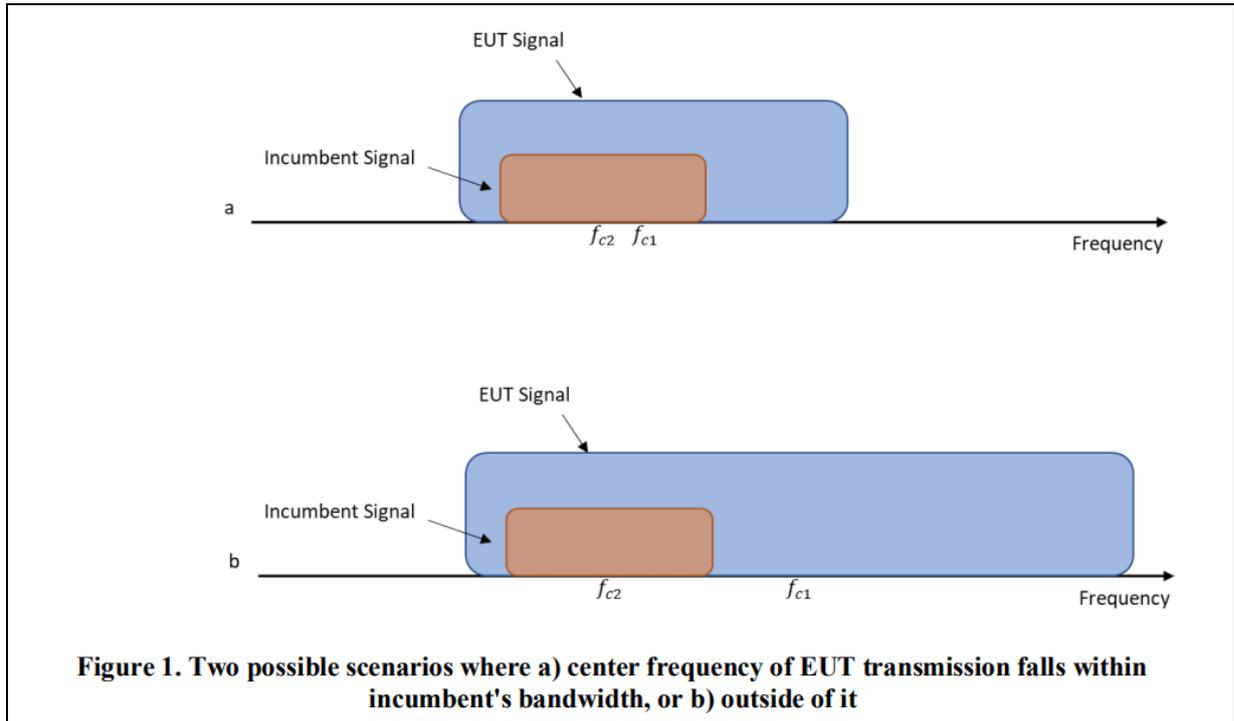
where:

BW_{EUT} : Transmission bandwidth of EUT signal

BW_{Inc} : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

f_{c1} : Center frequency of EUT transmission

f_{c2} : Center frequency of simulated incumbent signal



3.5.2 Measuring Instruments

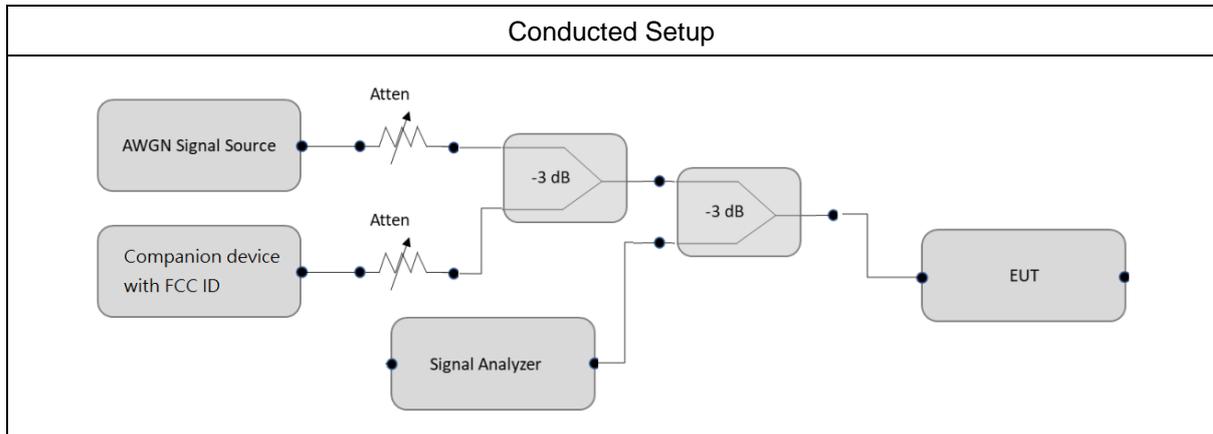
See list of measuring equipment of this test report.

3.5.3 Test Procedures

Refer to KDB 987594 D02 v01v01.

1. To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency f_{c2}) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table 1 determines how many times the detection threshold test must be performed
2. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
3. Monitor the signal analyzer to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
4. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
5. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 2, choose a different center frequency for the AWGN signal and repeat the process.

3.5.4 Test Setup



3.5.5 Support Unit used in test configuration and system

| Instrument | Brand Name | Model No. | Characteristics |
|------------|------------|-------------|-----------------|
| WLAN AP | ASUS | GT-AXE11000 | Dual Band AP |
| Notebook | Acer | N15C1 | LAN |



3.5.6 Test Summary of Contention Based Protocol Test

<Normal mode – WLAN Ant. 11+8>

| Band | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Measured Detection level (dBm) | Detection Rate (%) | Regulated Threshold level (dBm) | Margin (dB) |
|-------------|---------------------|------------------|-----------------------|--------------------------------|--------------------|---------------------------------|-------------|
| UNII Band 5 | 6135 | 20 | 6135 | -70.78 | 100 | -66.77 | 4.01 |
| | | | 6110 | -71.75 | 100 | -66.77 | 4.98 |
| | 6185 | 160 | 6185 | -67.74 | 100 | -66.77 | 0.97 |
| | | | 6260 | -69.73 | 100 | -66.77 | 2.96 |
| UNII Band 6 | 6455 | 20 | 6455 | -71.53 | 100 | -68.56 | 2.97 |
| | | | 6430 | -72.52 | 100 | -68.56 | 3.96 |
| | 6505 | 160 | 6505 | -70.58 | 100 | -68.56 | 2.02 |
| | | | 6580 | -73.51 | 100 | -68.56 | 4.95 |
| UNII Band 7 | 6695 | 20 | 6695 | -69.54 | 100 | -68.56 | 0.98 |
| | | | 6590 | -70.53 | 100 | -68.56 | 1.97 |
| | 6665 | 160 | 6665 | -70.52 | 100 | -68.56 | 1.96 |
| | | | 6740 | -71.53 | 100 | -68.56 | 2.97 |
| UNII Band 8 | 7015 | 20 | 7015 | -70.24 | 100 | -69.26 | 0.98 |
| | | | 6910 | -73.24 | 100 | -69.26 | 3.98 |
| | 6985 | 160 | 6985 | -70.23 | 100 | -69.26 | 0.97 |
| | | | 7060 | -73.28 | 100 | -69.26 | 4.02 |

Note: Threshold Level (TL) = -62dBm + minimum antenna gain

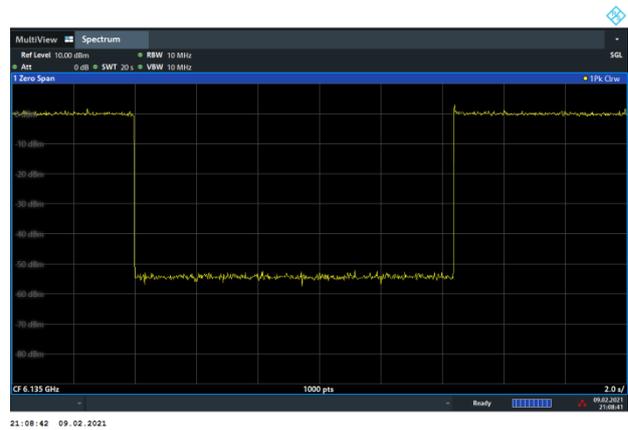


3.5.7 Test Plots of Contention Based Protocol

Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

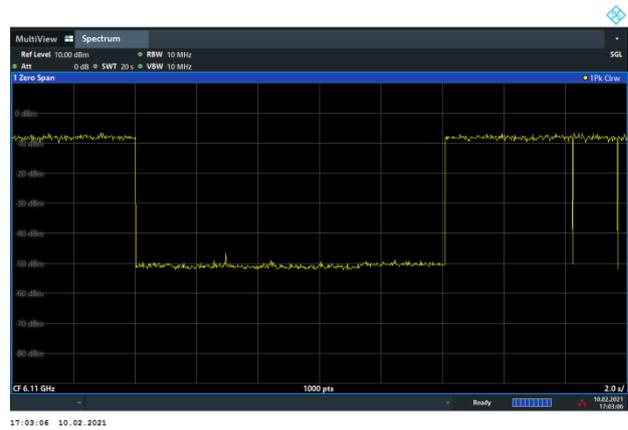
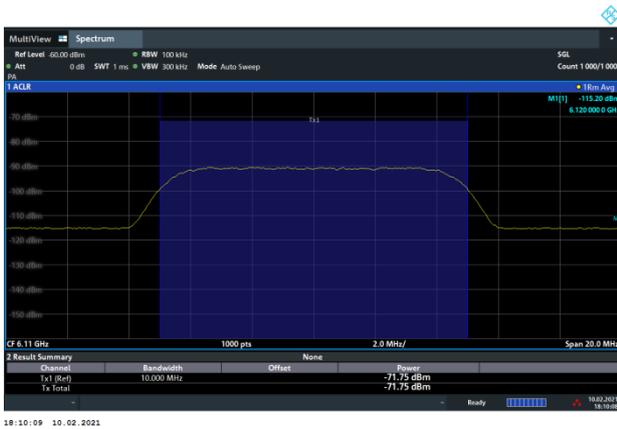
802.11ax (HE20) / 6135MHz
Threshold Level (TL) = -70.78dBm/MHz

802.11ax (HE20) / CH37
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6110MHz (Lower edge)
Threshold Level (TL) = -71.75dBm/MHz

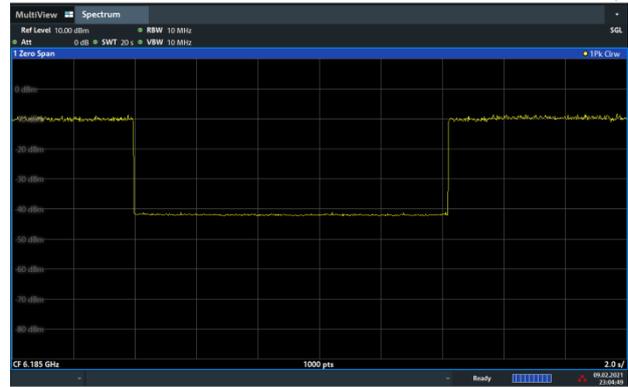
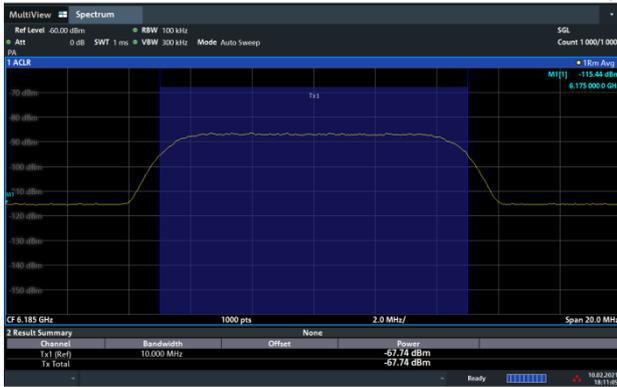
802.11ax (HE160) / CH47 (Lower edge)
Test result is pass due to no transmission occur.





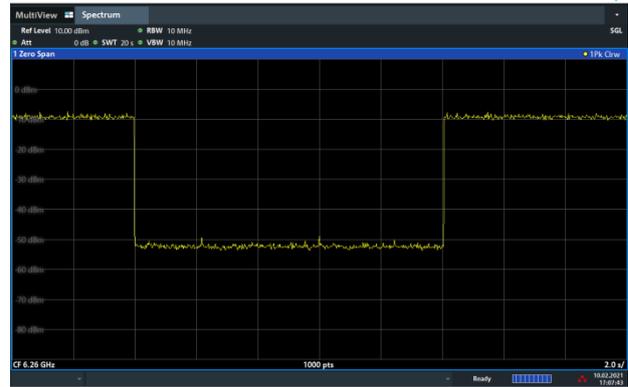
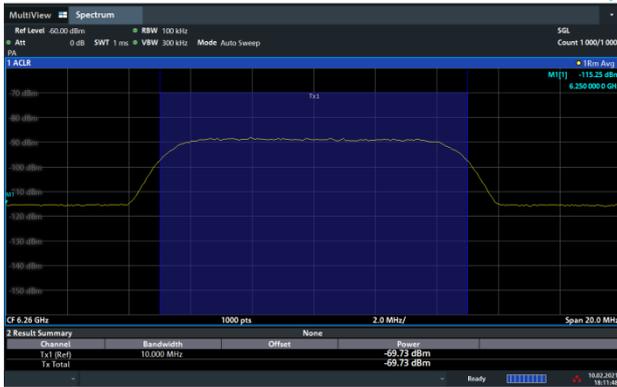
802.11ax (HE160) / 6185MHz (Middle)
Threshold Level (TL) = -67.74dBm/MHz

802.11ax (HE160) / CH47 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6260MHz (Upper edge)
Threshold Level (TL) = -69.73dBm/MHz

802.11ax (HE160) / CH47 (Upper edge)
Test result is pass due to no transmission occur.

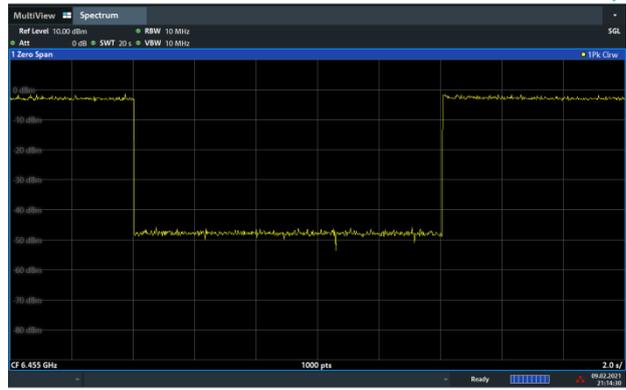
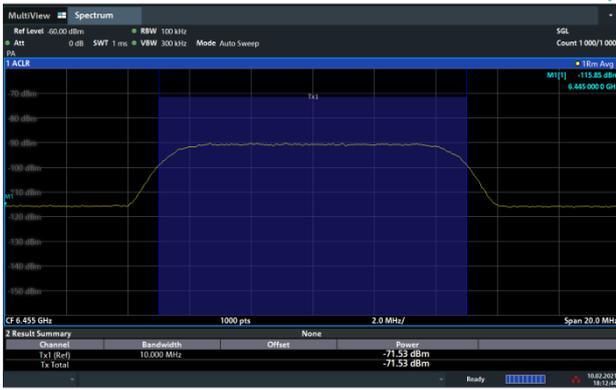




Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

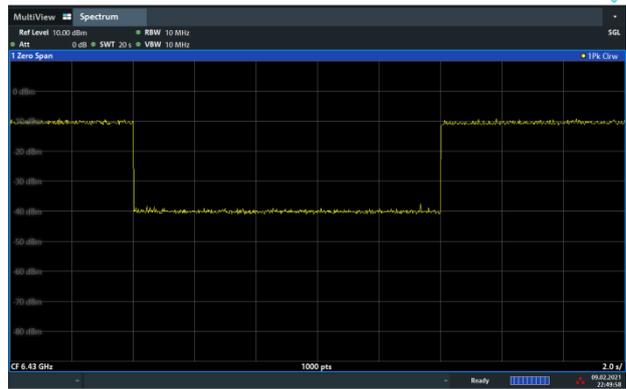
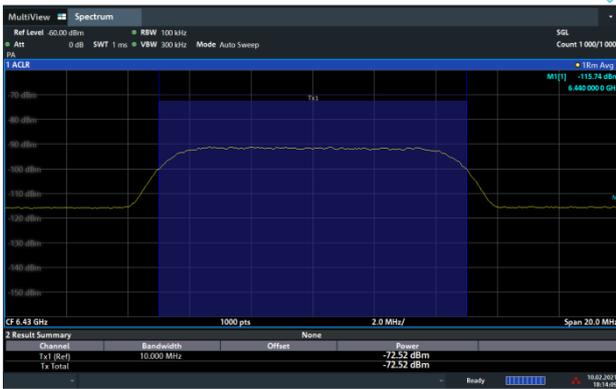
802.11ax (HE20) / 6455MHz
Threshold Level (TL) = -71.53dBm/MHz

802.11ax (HE20) / CH101
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6430MHz (Lower edge)
Threshold Level (TL) = -72.52dBm/MHz

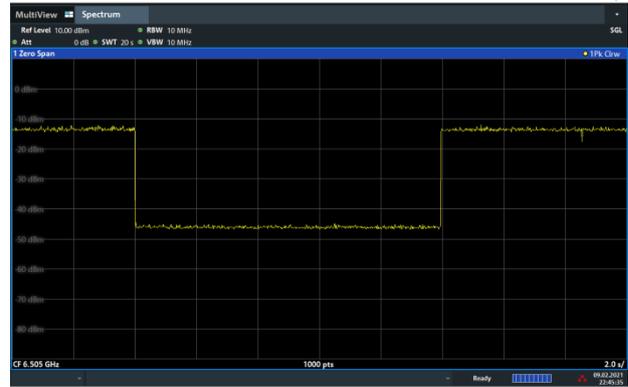
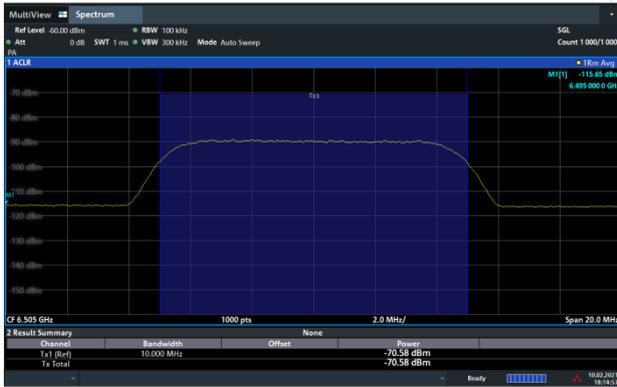
802.11ax (HE160) / CH111 (Lower edge)
Test result is pass due to no transmission occur.





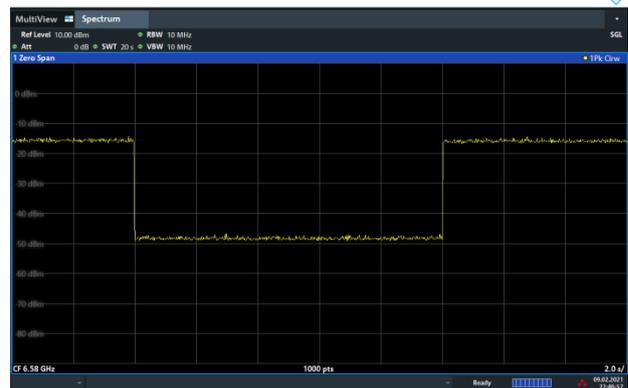
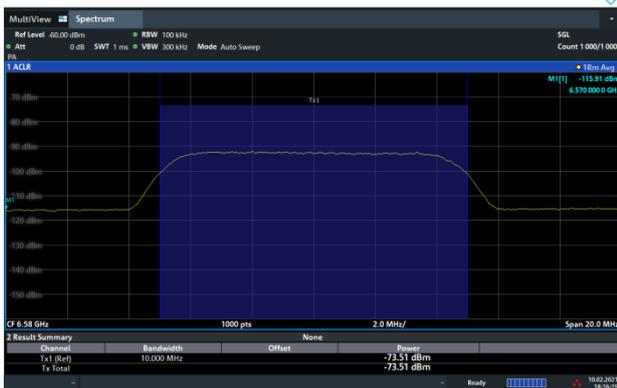
802.11ax (HE160) / 6505MHz (Middle)
Threshold Level (TL) = -70.58dBm/MHz

802.11ax (HE160) / CH111 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6580MHz (Upper edge)
Threshold Level (TL) = -73.51dBm/MHz

802.11ax (HE160) / CH111 (Upper edge)
Test result is pass due to no transmission occur.

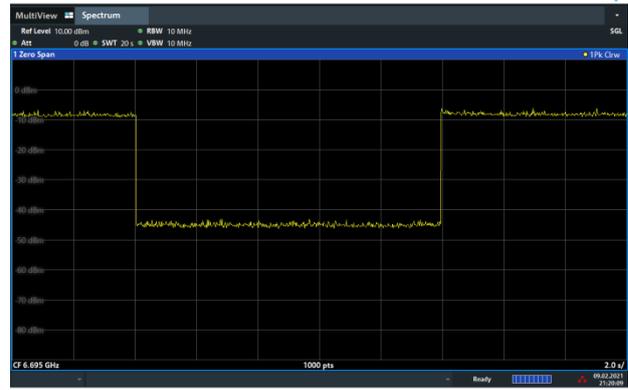
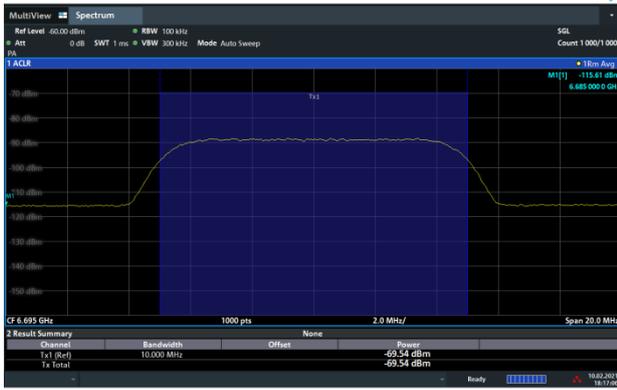




Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

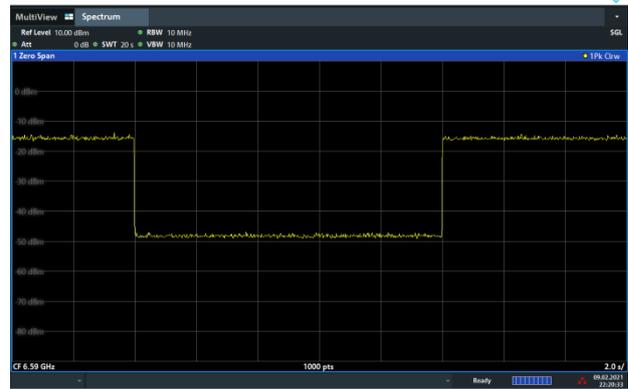
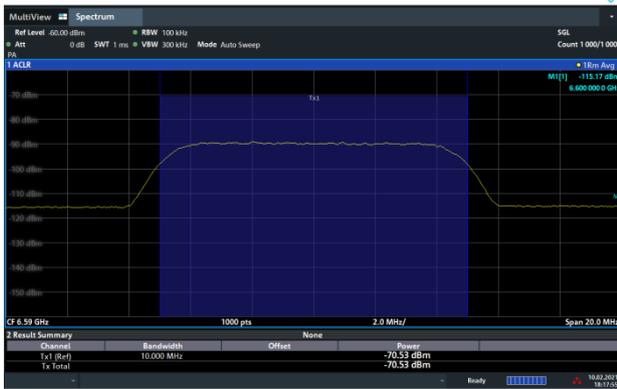
802.11ax (HE20) / 6695MHz
Threshold Level (TL) = -69.54dBm/MHz

802.11ax (HE20) / CH149
Test result is pass due to no transmission occur.



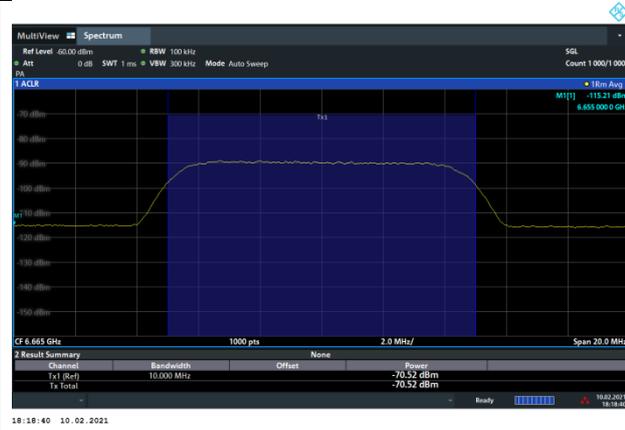
802.11ax (HE160) / 6590MHz (Lower edge)
Threshold Level (TL) = -70.53dBm/MHz

802.11ax (HE160) / CH143 (Lower edge)
Test result is pass due to no transmission occur.

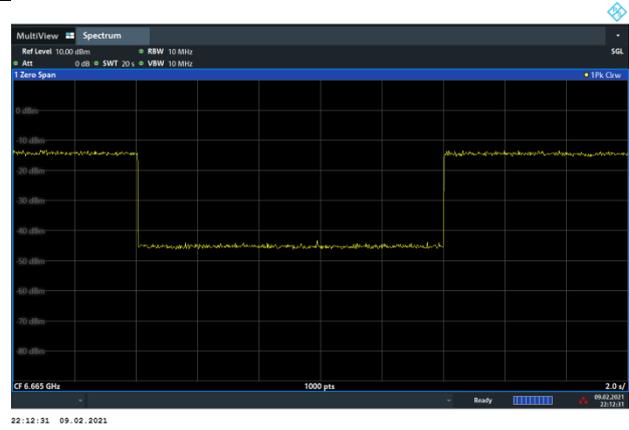




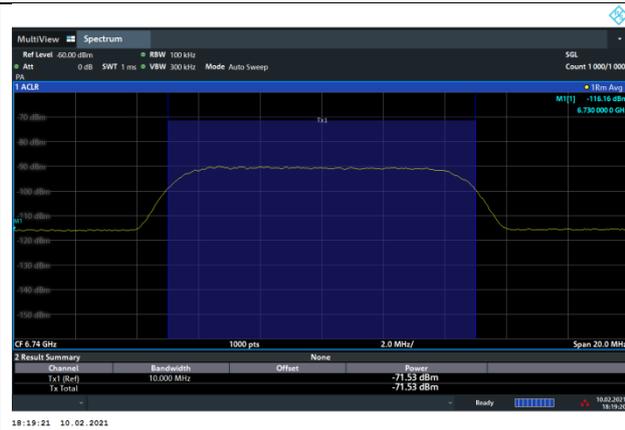
802.11ax (HE160) / 6665MHz (Middle)
Threshold Level (TL) = -70.52dBm/MHz



802.11ax (HE160) / CH143 (Middle)
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6740MHz (Upper edge)
Threshold Level (TL) = -71.53dBm/MHz



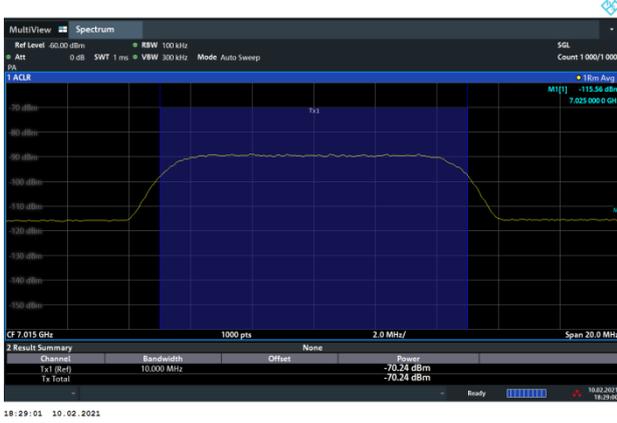
802.11ax (HE160) / CH143 (Upper edge)
Test result is pass due to no transmission occur.



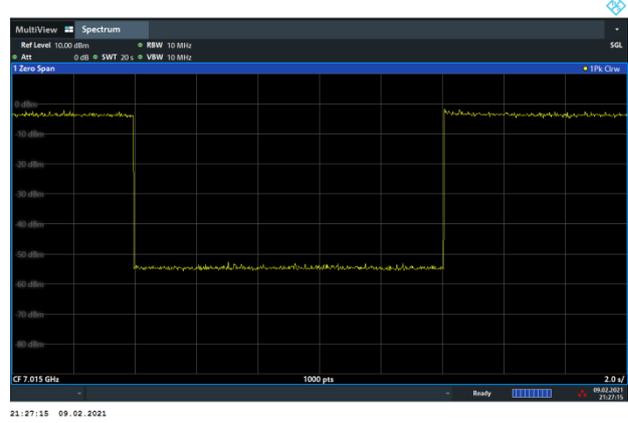


Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

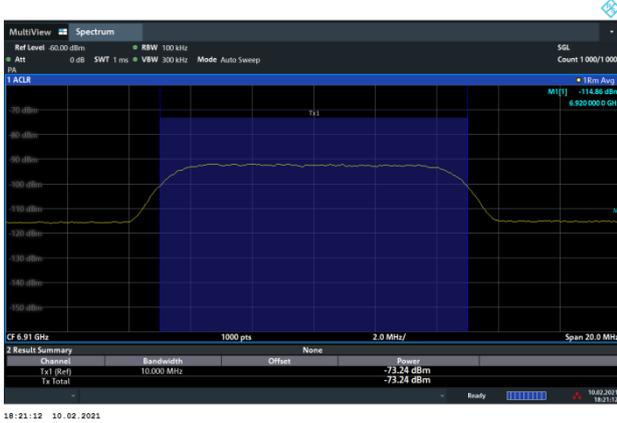
802.11ax (HE20) / 7015MHz
Threshold Level (TL) = -70.24dBm/MHz



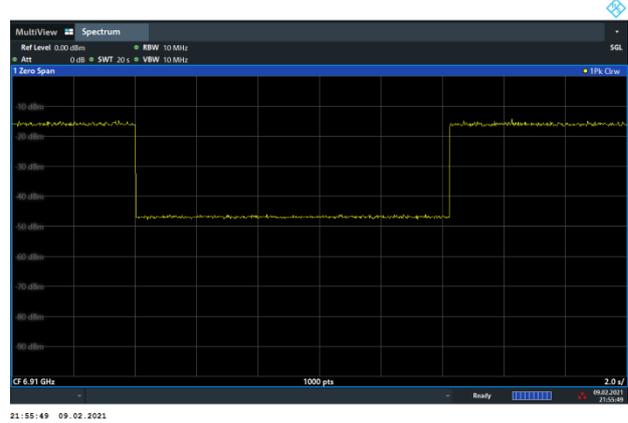
802.11ax (HE20) / CH213
Test result is pass due to no transmission occur.



802.11ax (HE160) / 6910MHz (Lower edge)
Threshold Level (TL) = -73.24dBm/MHz



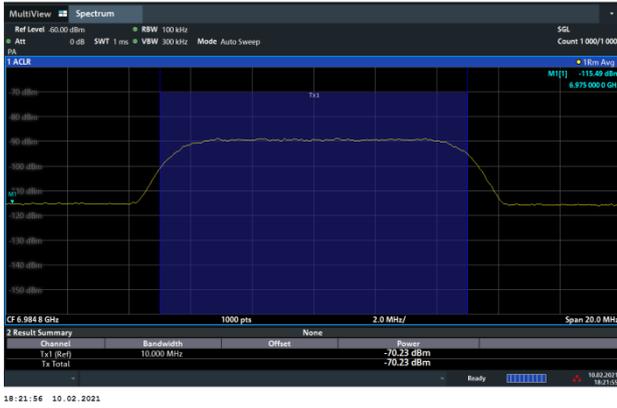
802.11ax (HE160) / CH207 (Lower edge)
Test result is pass due to no transmission occur.





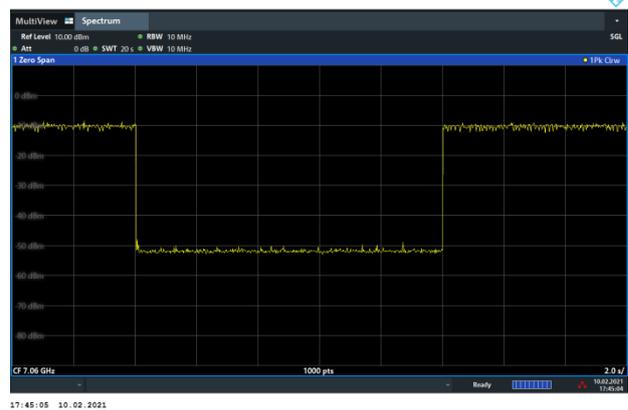
802.11ax (HE160) / 6985MHz (Middle)
Threshold Level (TL) = -70.23dBm/MHz

802.11ax (HE160) / CH207 (Middle)
Test result is pass due to no transmission occur.

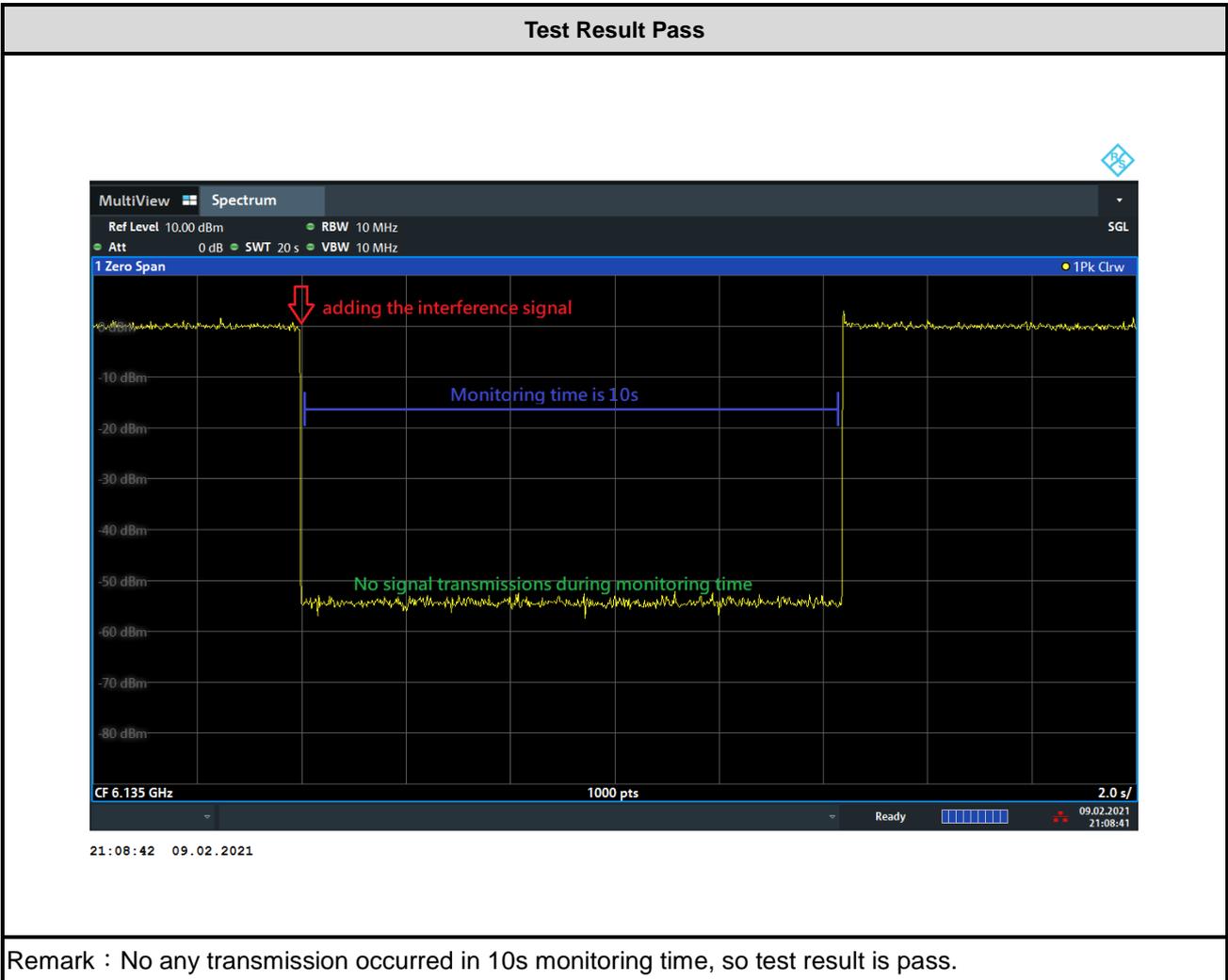


802.11ax (HE160) / 7060MHz (Upper edge)
Threshold Level (TL) = -73.28dBm/MHz

802.11ax (HE160) / CH207 (Upper edge)
Test result is pass due to no transmission occur.



3.5.8 Example of test result



3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

- (1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

| EIRP (dBm) | Field Strength at 3m (dBμV/m) |
|------------|-------------------------------|
| - 27 (RMS) | 68.3 |
| - 7 (Peak) | 88.3 |

According 987594 D02 U-NII 6GHz EMC Measurement v01 section G:

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

- (2) Unwanted spurious emissions fallen 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.

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

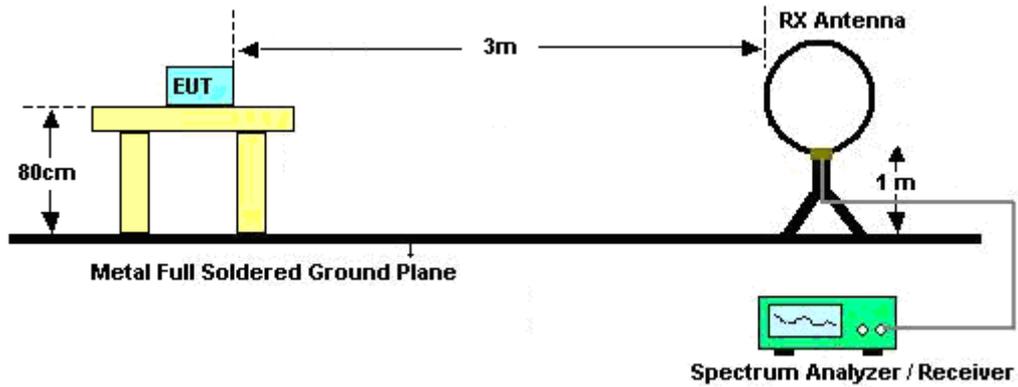


3.6.3 Test Procedures

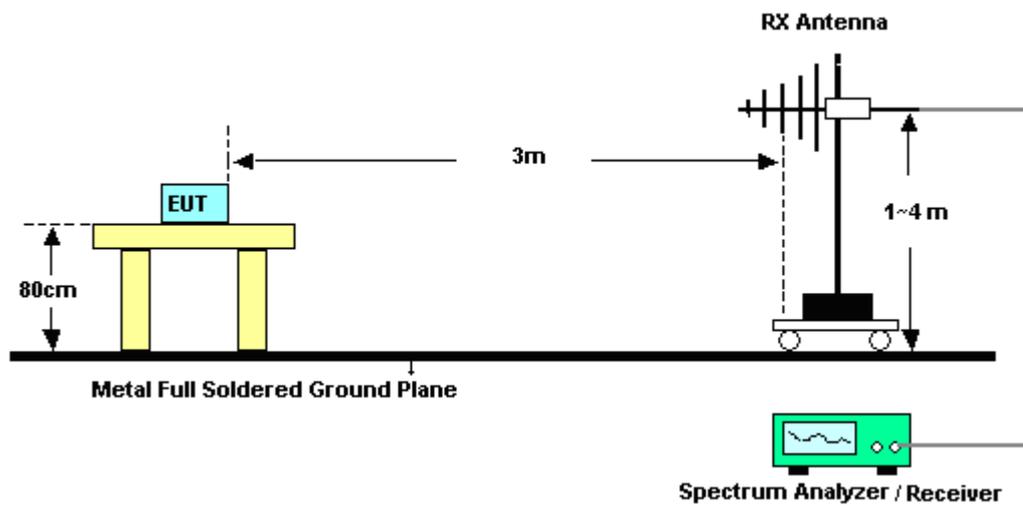
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW \geq 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.6.4 Test Setup

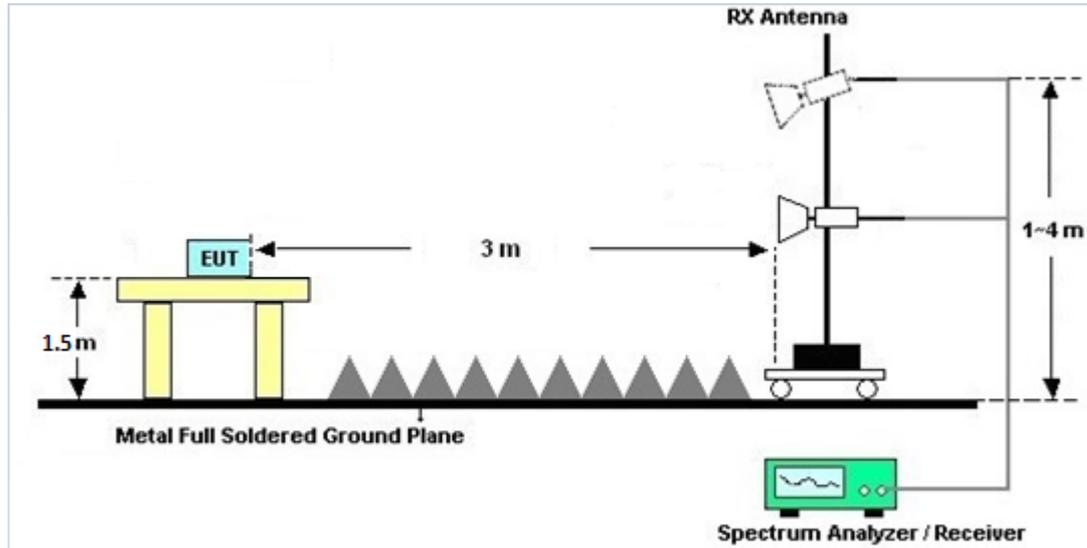
For radiated emissions below 30MHz



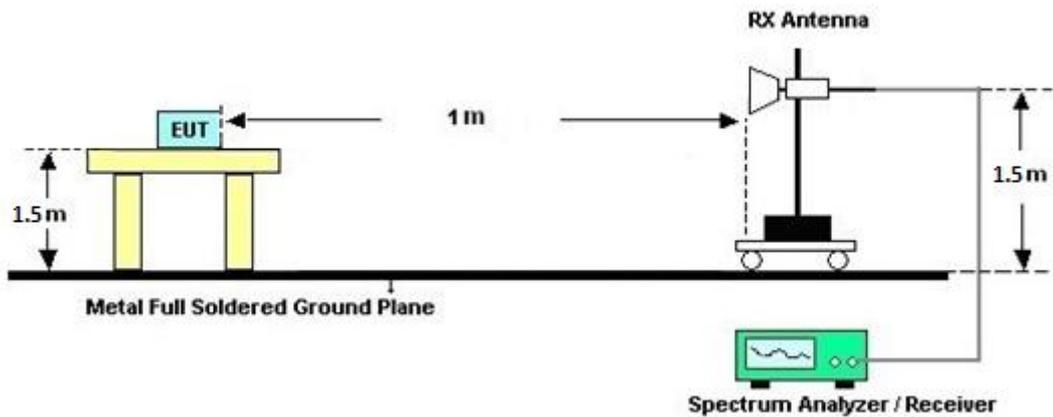
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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



3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

| Frequency of emission (MHz) | Conducted limit (dB μ V) | |
|-----------------------------|------------------------------|-----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

*Decreases with the logarithm of the frequency.

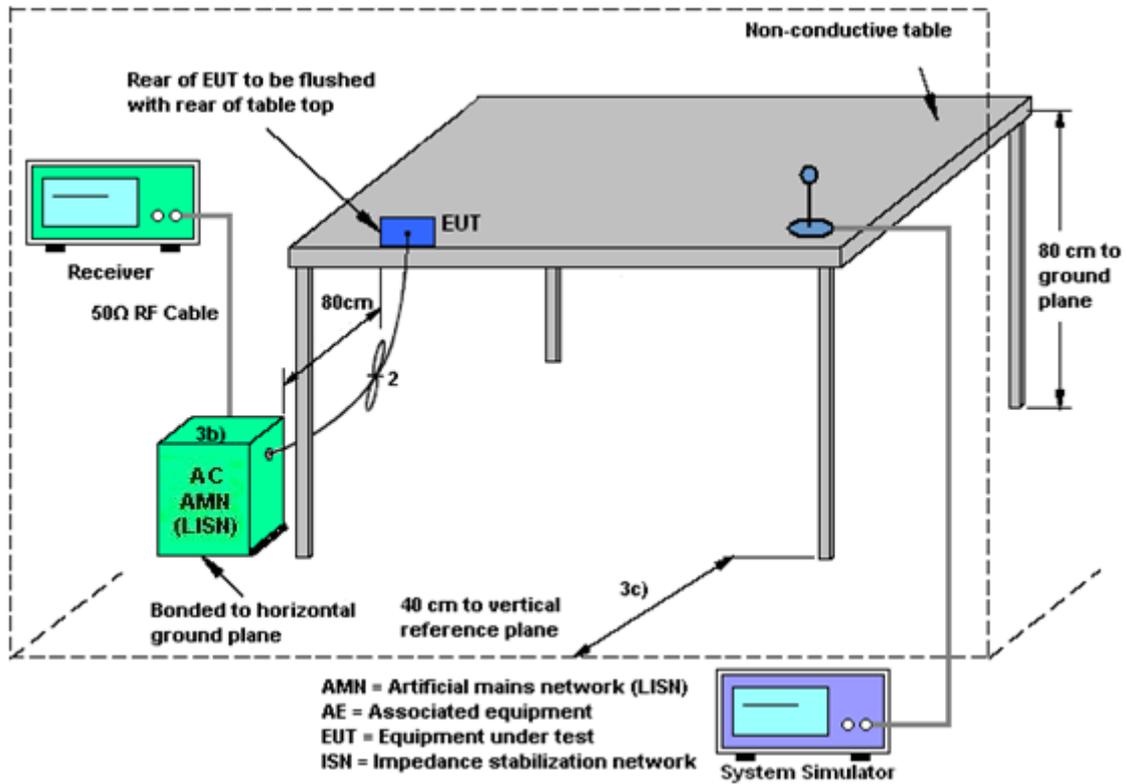
3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

3.7.3 Test Procedures

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

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.8 Automatically Discontinue Transmission

3.8.1 Limit of Automatically Discontinue Transmission

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

3.8.2 Measuring Instruments

See list of measuring equipment of this test report.

3.8.3 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



3.9 Antenna Requirements

3.9.1 Standard Applicable

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

3.9.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.9.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

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

| <CDD Modes> | | | | |
|--------------------------|----------------|---------------|--------------|--------------|
| | | | DG | DG |
| | Ant. 11 | Ant. 8 | for | for |
| | (dBi) | (dBi) | Power | PSD |
| | | | (dBi) | (dBi) |
| U-NII-5 | -4.77 | -4.50 | -4.50 | -1.62 |
| U-NII-6 | -6.56 | -3.99 | -3.99 | -2.17 |
| U-NII-7 | -6.56 | -2.45 | -2.45 | -1.25 |
| U-NII-8 | -7.26 | -2.56 | -2.56 | -1.59 |

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

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



4 List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|-----------------------|-----------------|-----------------------|---------------------|-------------------------------|------------------|-------------------------------|---------------|-----------------------|
| Hygrometer | Testo | 608-H1 | 34893241 | N/A | Mar. 02, 2020 | Jan. 12, 2021 ~ Feb. 05, 2021 | Mar. 01, 2021 | Conducted (TH05-HY) |
| Signal Analyzer | Rohde & Schwarz | FSV40 | 101566 | 10Hz ~ 40GHz | Jul. 22, 2020 | Jan. 12, 2021 ~ Feb. 05, 2021 | Jul. 21, 2021 | Conducted (TH05-HY) |
| Switch Box & RF Cable | EM Electronics | EMSW18SE | SW200302 | N/A | Mar. 17, 2020 | Jan. 12, 2021 ~ Feb. 05, 2021 | Mar. 16, 2021 | Conducted (TH05-HY) |
| AC Power Source | ChainTek | APC-1000W | N/A | N/A | N/A | Feb. 02, 2021 | N/A | Conduction (CO05-HY) |
| EMI Test Receiver | Rohde & Schwarz | ESR3 | 102317 | 9kHz~3.6GHz | Sep. 11, 2020 | Feb. 02, 2021 | Sep. 10, 2021 | Conduction (CO05-HY) |
| Hygrometer | Testo | 608-H1 | 34913912 | N/A | Nov. 18, 2020 | Feb. 02, 2021 | Nov. 17, 2021 | Conduction (CO05-HY) |
| LISN | Rohde & Schwarz | ENV216 | 100081 | 9kHz~30MHz | Nov. 16, 2020 | Feb. 02, 2021 | Nov. 15, 2021 | Conduction (CO05-HY) |
| Software | Rohde & Schwarz | EMC32 V10.30 | N/A | N/A | N/A | Feb. 02, 2021 | N/A | Conduction (CO05-HY) |
| LISN Cable | MVE | RG-400 | 260260 | N/A | Dec. 31, 2020 | Feb. 02, 2021 | Dec. 30, 2021 | Conduction (CO05-HY) |
| Pulse Limiter | SCHWARZBECK | ESHVTS D 9561-F N3-Z2 | 109561-F N003730851 | 9kHz-200MHz | Nov. 02, 2020 | Feb. 02, 2021 | Nov. 01, 2021 | Conduction (CO05-HY) |
| Horn Antenna | SCHWARZBECK | BBHA 9120 D | 9120D-1326 | 1GHz ~ 18GHz | Nov. 03, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Nov. 02, 2021 | Radiation (03CH11-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK | BBHA 9170 | 00994 | 18GHz- 40GHz | Nov. 29, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Nov. 28, 2021 | Radiation (03CH11-HY) |
| Bilog Antenna | TESEQ | CBL 6111D & N-6-06 | 35414 & AT-N0602 | 30MHz~1GHz | Oct. 11, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Oct. 02, 2021 | Radiation (03CH11-HY) |
| Preamplifier | Keysight | 83017A | MY53270080 | 1GHz~26.5GHz | Nov. 12, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Nov. 11, 2021 | Radiation (03CH11-HY) |
| Preamplifier | EMEC | EM1G18G | 060812 | 1GHz~18GHz | Oct. 27, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Oct. 26, 2021 | Radiation (03CH11-HY) |
| Preamplifier | EMEC | EM18G40G | 060801 | 18GHz~40GHz | Jun. 15, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Jun. 14, 2021 | Radiation (03CH11-HY) |
| Amplifier | SONOMA | 310N | 187312 | 9kHz~1GHz | Dec. 02, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Dec. 01, 2021 | Radiation (03CH11-HY) |
| Spectrum Analyzer | Keysight | N9010A | MY54200486 | 10Hz~44GHz | Oct. 23, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Oct. 22, 2021 | Radiation (03CH11-HY) |
| EMI Test Receiver | Keysight | N9038A(MXE) | MY55420170 | 20MHz~8.4GHz | May 21, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | May 20, 2021 | Radiation (03CH11-HY) |
| Controller | EMEC | EM 1000 | N/A | Control Turn table & Ant Mast | N/A | Jan. 10, 2021 ~ Jan. 28, 2021 | N/A | Radiation (03CH11-HY) |
| Antenna Mast | EMEC | AM-BS-4500-B | N/A | 1~4m | N/A | Jan. 10, 2021 ~ Jan. 28, 2021 | N/A | Radiation (03CH11-HY) |
| Turn Table | EMEC | TT 2000 | N/A | 0~360 Degree | N/A | Jan. 10, 2021 ~ Jan. 28, 2021 | N/A | Radiation (03CH11-HY) |
| BT Base Station | Rohde & Schwarz | CBT | 101135 | BT 3.0 | Sep. 15, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Sep. 14, 2022 | Radiation (03CH11-HY) |
| Software | Audix | E3 6.2009-8-24 | RK-001053 | N/A | N/A | Jan. 10, 2021 ~ Jan. 28, 2021 | N/A | Radiation (03CH11-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY9837/4PE | 9kHz-30MHz | Mar. 12, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Mar. 11, 2021 | Radiation (03CH11-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | MY2859/2 | 30MHz-40GHz | Mar. 12, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Mar. 11, 2021 | Radiation (03CH11-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY9837/4PE | 30M-18G | Mar. 12, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Mar. 11, 2021 | Radiation (03CH11-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | MY4274/2 | 30MHz-40GHz | Mar. 12, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Mar. 11, 2021 | Radiation (03CH11-HY) |



| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|-------------------------------------|--------------------|--|--------------------|---------------------------|----------------------------|----------------------------------|----------------------------|--------------------------|
| Filter | Wainwright | WLK4-1000-15 30-8000-40SS | SN11 | 1.53G Low Pass | Sep. 14, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Sep. 13, 2021 | Radiation (03CH11-HY) |
| Filter | Wainwright | WHW2-7100-1 0000-18000-40 CC | SN3 | 10GHz High Pass Filter | May. 26, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | May. 25, 2021 | Radiation (03CH11-HY) |
| Hygrometer | TECPEL | DTM-303B | TP140325 | N/A | Nov. 18, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Nov. 17, 2021 | Radiation (03CH11-HY) |
| Hygrometer | TECPEL | DTM-303B | TP200880 | QA-3-031 | Oct. 22, 2020 | Jan. 10, 2021 ~ Jan. 28, 2021 | Oct. 21, 2021 | Radiation (03CH11-HY) |
| Signal Generator (Interferer) | Rohde & Schwarz | SMW200A | 109425 | 100kHz~7.5GH z | Jan. 11, 2021 | Feb. 09, 2021~ Feb. 10, 2021 | Jan. 10, 2022 | CBP (DFS02-HY) |
| Spectrum Analyzer | Rohde & Schwarz | FSV3044 | 101048 | 10Hz~44GHz | Apr. 29, 2020 | Feb. 09, 2021~ Feb. 10, 2021 | Apr. 28, 2021 | CBP (DFS02-HY) |
| Power Divider | MTJ | SMA 2Way Power Divider | MD10003 | 0.5GHz-6GHz | Calibration from System | Feb. 09, 2021~ Feb. 10, 2021 | Calibration from System | CBP (DFS02-HY) |
| Power Divider | MTJ | SMA 2Way Power Divider | MD10007 | 0.5GHz-6GHz | Calibration from System | Feb. 09, 2021~ Feb. 10, 2021 | Calibration from System | CBP (DFS02-HY) |
| Power Divider | Woken | SMA 4Way Power Divider | 0120A040560 02D | 0.5-6GHz | Calibration from System | Feb. 09, 2021~ Feb. 10, 2021 | Calibration from System | CBP (DFS02-HY) |
| Coupler | Woken | 10dB 30W SMA | DOM5CIW3A 1 | 0.5-18GHz | Calibration from System | Feb. 09, 2021~ Feb. 10, 2021 | Calibration from System | CBP (DFS02-HY) |
| Power Divider | Woken | 3Way SMA Power Divder Rated to 20W | STI08-0010 (#2) | 2GHz-8GHz | Calibration from System | Feb. 09, 2021~ Feb. 10, 2021 | Calibration from System | CBP (DFS02-HY) |



5 Uncertainty of Evaluation

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

| | |
|---|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 2.3 |
|---|-----|

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

| | |
|---|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 4.4 |
|---|-----|

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

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

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

| | |
|---|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 5.1 |
|---|-----|

Appendix A. Test Result of Conducted Test Items

| | | | | |
|----------------|--------------------|--------------------|-----------|----|
| Test Engineer: | Shiming Liu | Temperature: | 19.6~24.7 | °C |
| Test Date: | 2021/1/12~2021/2/5 | Relative Humidity: | 46.7~57.5 | % |

TEST RESULTS DATA
26dB and 99% OBW

| Band V MIMO | | | | | | | | | |
|-------------|-----------|-----|-------------|-----------|---------------------|--------|-----------------------|--------|------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Note |
| | | | | | Ant 11 | Ant 8 | Ant 11 | Ant 8 | |
| HE20 | MCS0 | 2 | 5955 | Full | 18.98 | 18.98 | 22.64 | 22.69 | |
| HE20 | MCS0 | 2 | 6175 | Full | 18.98 | 18.98 | 22.69 | 22.59 | |
| HE20 | MCS0 | 2 | 6415 | Full | 18.98 | 18.98 | 22.69 | 22.84 | |
| HE40 | MCS0 | 2 | 5965 | Full | 37.86 | 38.06 | 41.38 | 41.74 | |
| HE40 | MCS0 | 2 | 6165 | Full | 37.96 | 37.86 | 41.65 | 41.56 | |
| HE40 | MCS0 | 2 | 6405 | Full | 37.96 | 38.06 | 41.56 | 41.38 | |
| HE80 | MCS0 | 2 | 5985 | Full | 78.04 | 78.16 | 83.32 | 82.20 | |
| HE80 | MCS0 | 2 | 6145 | Full | 78.28 | 78.16 | 82.36 | 82.68 | |
| HE80 | MCS0 | 2 | 6385 | Full | 78.16 | 78.16 | 82.68 | 82.36 | |
| HE160 | MCS0 | 2 | 6025 | Full | 156.32 | 156.32 | 164.08 | 162.88 | |
| HE160 | MCS0 | 2 | 6185 | Full | 156.56 | 156.56 | 164.40 | 163.44 | |
| HE160 | MCS0 | 2 | 6345 | Full | 156.80 | 156.80 | 163.76 | 163.76 | |

TEST RESULTS DATA
EIRP Power Table

| FCC Band V MIMO | | | | | | | | | | | | |
|-----------------|-----------|-----|-------------|-----------|--|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power with duty factor (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | | | |
| HE20 | MCS0 | 2 | 5955 | Full | 8.28 | 7.40 | 10.87 | -4.50 | | 6.37 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 5955 | 26/0 | -0.81 | -1.80 | 1.73 | -4.50 | | -2.77 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 5955 | 52/37 | 3.12 | 2.05 | 5.63 | -4.50 | | 1.13 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 5955 | 106/53 | 6.20 | 4.25 | 8.34 | -4.50 | | 3.84 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6175 | Full | 7.73 | 6.70 | 10.26 | -4.50 | | 5.76 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6175 | 26/4 | -0.58 | -0.91 | 2.27 | -4.50 | | -2.23 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6175 | 52/39 | 1.42 | 1.52 | 4.48 | -4.50 | | -0.02 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6175 | 106/53 | 5.09 | 4.62 | 7.87 | -4.50 | | 3.37 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6415 | Full | 8.08 | 7.08 | 10.62 | -4.50 | | 6.12 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6415 | 26/8 | -2.23 | -0.96 | 1.46 | -4.50 | | -3.04 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6415 | 52/40 | 1.08 | 2.46 | 4.83 | -4.50 | | 0.33 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6415 | 106/54 | 5.18 | 5.08 | 8.14 | -4.50 | | 3.64 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 5965 | Full | 10.55 | 9.55 | 13.09 | -4.50 | | 8.59 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 5965 | 242/61 | 7.53 | 6.95 | 10.26 | -4.50 | | 5.76 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6165 | Full | 10.77 | 9.49 | 13.19 | -4.50 | | 8.69 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6165 | 242/61 | 8.17 | 7.42 | 10.82 | -4.50 | | 6.32 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6405 | Full | 10.65 | 10.05 | 13.37 | -4.50 | | 8.87 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6405 | 242/62 | 8.08 | 7.58 | 10.85 | -4.50 | | 6.35 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 5985 | Full | 12.40 | 11.50 | 14.98 | -4.50 | | 10.48 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 5985 | 484/65 | 8.92 | 8.40 | 11.68 | -4.50 | | 7.18 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6145 | Full | 12.42 | 10.92 | 14.74 | -4.50 | | 10.24 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6145 | 484/65 | 9.22 | 7.72 | 11.54 | -4.50 | | 7.04 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6385 | Full | 12.33 | 11.58 | 14.98 | -4.50 | | 10.48 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6385 | 484/66 | 9.36 | 9.17 | 12.28 | -4.50 | | 7.78 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6025 | Full | 11.97 | 10.95 | 14.50 | -4.50 | | 10.00 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6025 | 996/67 | 9.30 | 8.50 | 11.93 | -4.50 | | 7.43 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6185 | Full | 12.44 | 11.49 | 15.00 | -4.50 | | 10.50 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6185 | 996/67 | 9.30 | 8.72 | 12.03 | -4.50 | | 7.53 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6345 | Full | 11.38 | 10.53 | 13.99 | -4.50 | | 9.49 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6345 | 996/S67 | 7.63 | 7.18 | 10.42 | -4.50 | | 5.92 | 24.00 | Pass |

TEST RESULTS DATA
EIRP Power Spectral Density

| FCC Band V MIMO | | | | | | | | | | | | |
|-----------------|-----------|-----|-------------|-----------|-----------------------------------|-------|-------|----------|-------|------------------------------|--------------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power Density (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | SUM | | |
| HE20 | MCS0 | 2 | 5955 | Full | | | 0.11 | -1.62 | -1.51 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 5955 | 26/0 | | | -0.18 | -1.62 | -1.81 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 5955 | 52/37 | | | 0.06 | -1.62 | -1.56 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 5955 | 106/53 | | | -0.10 | -1.62 | -1.72 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6175 | Full | | | -0.23 | -1.62 | -1.85 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6175 | 26/4 | | | -0.34 | -1.62 | -1.96 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6175 | 52/39 | | | -0.44 | -1.62 | -2.06 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6175 | 106/53 | | | -0.41 | -1.62 | -2.03 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6415 | Full | | | -0.20 | -1.62 | -1.83 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6415 | 26/8 | | | -0.63 | -1.62 | -2.25 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6415 | 52/40 | | | -0.66 | -1.62 | -2.28 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6415 | 106/54 | | | -0.60 | -1.62 | -2.23 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 5965 | Full | | | -0.15 | -1.62 | -1.78 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 5965 | 242/61 | | | -0.55 | -1.62 | -2.18 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6165 | Full | | | -0.02 | -1.62 | -1.65 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6165 | 242/61 | | | -0.32 | -1.62 | -1.94 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6405 | Full | | | 0.03 | -1.62 | -1.59 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6405 | 242/62 | | | -0.03 | -1.62 | -1.65 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 5985 | Full | | | -2.07 | -1.62 | -3.70 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 5985 | 484/65 | | | -2.29 | -1.62 | -3.91 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6145 | Full | | | -2.17 | -1.62 | -3.79 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6145 | 484/65 | | | -2.65 | -1.62 | -4.27 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6385 | Full | | | -1.54 | -1.62 | -3.17 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6385 | 484/66 | | | -1.78 | -1.62 | -3.41 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6025 | Full | | | -4.92 | -1.62 | -6.54 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6025 | 996/67 | | | -5.34 | -1.62 | -6.96 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6185 | Full | | | -4.84 | -1.62 | -6.46 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6185 | 996/67 | | | -5.21 | -1.62 | -6.83 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6345 | Full | | | -5.93 | -1.62 | -7.56 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6345 | 996/S67 | | | -6.21 | -1.62 | -7.83 | -1.00 | Pass | |

TEST RESULTS DATA
26dB and 99% OBW

| Band VI MIMO | | | | | | | | | |
|--------------|-----------|-----|-------------|-----------|---------------------|-------|-----------------------|-------|------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Note |
| | | | | | Ant 11 | Ant 8 | Ant 11 | Ant 8 | |
| HE20 | MCS0 | 2 | 6435 | Full | 18.98 | 18.98 | 22.64 | 22.69 | |
| HE20 | MCS0 | 2 | 6475 | Full | 18.93 | 18.98 | 22.59 | 22.64 | |
| HE20 | MCS0 | 2 | 6515 | Full | 18.98 | 18.98 | 22.44 | 22.49 | |
| HE40 | MCS0 | 2 | 6445 | Full | 37.96 | 37.96 | 41.20 | 41.56 | |
| HE40 | MCS0 | 2 | 6485 | Full | 37.96 | 37.86 | 41.56 | 41.92 | |
| HE80 | MCS0 | 2 | 6465 | Full | 78.16 | 78.16 | 83.00 | 82.84 | |

| Band VI straddle channel MIMO | | | | | | | | | | | | | |
|-------------------------------|-----------|-----|-------------|-----------|----------------------------------|--------|----------------------------------|-------|------------------------------------|-------|------------------------------------|-------|------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | 26 dB In U-NII-6 Bandwidth (MHz) | | 26 dB In U-NII-7 Bandwidth (MHz) | | 99% OBW In U-NII-6 Bandwidth (MHz) | | 99% OBW In U-NII-7 Bandwidth (MHz) | | Note |
| | | | | | Ant 11 | Ant 8 | Ant 11 | Ant 8 | Ant 11 | Ant 8 | Ant 11 | Ant 8 | |
| HE40 | MCS0 | 2 | 6525 | Full | 20.95 | 20.77 | 20.88 | 20.70 | 18.98 | 18.98 | 18.88 | 18.88 | |
| HE80 | MCS0 | 2 | 6545 | Full | 21.08 | 20.92 | 61.12 | 61.12 | 19.20 | 19.20 | 58.84 | 58.84 | |
| HE160 | MCS0 | 2 | 6505 | Full | 102.16 | 101.92 | 62.88 | 61.28 | 98.64 | 98.40 | 57.92 | 57.92 | |

TEST RESULTS DATA
EIRP Power Table

| FCC Band VI MIMO | | | | | | | | | | | | |
|------------------|-----------|-----|-------------|-----------|--|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power with duty factor (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | | | |
| HE20 | MCS0 | 2 | 6435 | Full | 8.40 | 7.90 | 11.17 | -3.99 | | 7.18 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6435 | 26/0 | -1.17 | -0.34 | 2.28 | -3.99 | | -1.71 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6435 | 52/37 | 2.38 | 3.18 | 5.81 | -3.99 | | 1.82 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6435 | 106/53 | 5.26 | 6.29 | 8.82 | -3.99 | | 4.83 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6475 | Full | 7.85 | 7.60 | 10.74 | -3.99 | | 6.75 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6475 | 26/4 | -1.12 | 0.00 | 2.49 | -3.99 | | -1.50 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6475 | 52/39 | 1.11 | 2.54 | 4.89 | -3.99 | | 0.90 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6475 | 106/54 | 5.08 | 5.68 | 8.40 | -3.99 | | 4.41 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6515 | Full | 8.28 | 7.83 | 11.07 | -3.99 | | 7.08 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6515 | 26/8 | -1.73 | -0.60 | 1.88 | -3.99 | | -2.11 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6515 | 52/40 | 2.11 | 3.25 | 5.73 | -3.99 | | 1.74 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6515 | 106/54 | 5.39 | 5.63 | 8.52 | -3.99 | | 4.53 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6445 | Full | 10.55 | 10.43 | 13.50 | -3.99 | | 9.51 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6445 | 242/61 | 8.38 | 8.33 | 11.37 | -3.99 | | 7.38 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6485 | Full | 10.04 | 10.38 | 13.22 | -3.99 | | 9.23 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6485 | 242/62 | 8.08 | 8.38 | 11.24 | -3.99 | | 7.25 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6465 | Full | 11.41 | 11.50 | 14.47 | -3.99 | | 10.48 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6465 | 484/65 | 8.56 | 8.98 | 11.79 | -3.99 | | 7.80 | 24.00 | Pass |

| FCC Band VI straddle channel MIMO | | | | | | | | | | | | |
|-----------------------------------|-----------|-----|-------------|-----------|--|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power with duty factor (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | | | |
| HE40 | MCS0 | 2 | 6525 | Full | 11.23 | 11.26 | 14.26 | -3.99 | | 10.27 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6525 | 242/62 | 8.35 | 8.33 | 11.35 | -3.99 | | 7.36 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6545 | Full | 11.46 | 11.43 | 14.46 | -3.99 | | 10.47 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6545 | 484/66 | 9.29 | 9.15 | 12.23 | -3.99 | | 8.24 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6505 | Full | 11.49 | 11.44 | 14.48 | -3.99 | | 10.49 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6505 | 996/67 | 8.95 | 8.98 | 11.98 | -3.99 | | 7.99 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6505 | 996/S67 | 9.58 | 9.49 | 12.55 | -3.99 | | 8.56 | 24.00 | Pass |

TEST RESULTS DATA
EIRP Power Spectral Density

| Band VI MIMO | | | | | | | | | | | | |
|--------------|-----------|-----|-------------|-----------|-----------------------------------|-------|-------|----------|-------|------------------------------|--------------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power Density (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | SUM | | |
| HE20 | MCS0 | 2 | 6435 | Full | | | 0.57 | -2.17 | -1.60 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6435 | 26/0 | | | 0.29 | -2.17 | -1.88 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6435 | 52/37 | | | 0.41 | -2.17 | -1.76 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6435 | 106/53 | | | 0.29 | -2.17 | -1.88 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6475 | Full | | | 0.23 | -2.17 | -1.94 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6475 | 26/4 | | | -0.24 | -2.17 | -2.41 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6475 | 52/39 | | | -0.02 | -2.17 | -2.19 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6475 | 106/54 | | | -0.02 | -2.17 | -2.19 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6515 | Full | | | 0.45 | -2.17 | -1.72 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6515 | 26/8 | | | 0.11 | -2.17 | -2.06 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6515 | 52/40 | | | 0.12 | -2.17 | -2.05 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6515 | 106/54 | | | 0.17 | -2.17 | -2.00 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6445 | Full | | | 0.62 | -2.17 | -1.55 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6445 | 242/61 | | | 0.49 | -2.17 | -1.68 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6485 | Full | | | 0.27 | -2.17 | -1.90 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6485 | 242/62 | | | 0.15 | -2.17 | -2.02 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6465 | Full | | | -2.02 | -2.17 | -4.19 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6465 | 484/65 | | | -2.48 | -2.17 | -4.65 | -1.00 | Pass | |

| FCC Band VI straddle channel MIMO | | | | | | | | | | | | |
|-----------------------------------|-----------|-----|-------------|-----------|-----------------------------------|-------|-------|----------|-------|------------------------------|--------------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power Density (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | SUM | | |
| HE40 | MCS0 | 2 | 6525 | Full | | | 0.62 | -2.17 | -1.55 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6525 | 242/62 | | | 0.44 | -2.17 | -1.73 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6545 | Full | | | -2.41 | -2.17 | -4.58 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6545 | 484/66 | | | -2.76 | -2.17 | -4.93 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6505 | Full | | | -5.27 | -2.17 | -7.43 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6505 | 996/67 | | | -5.61 | -2.17 | -7.78 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6505 | 996/S67 | | | -5.49 | -2.17 | -7.66 | -1.00 | Pass | |

TEST RESULTS DATA
26dB and 99% OBW

| Band VII MIMO | | | | | | | | | |
|---------------|-----------|-----|-------------|-----------|---------------------|--------|-----------------------|--------|------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Note |
| | | | | | Ant 11 | Ant 8 | Ant 11 | Ant 8 | |
| HE20 | MCS0 | 2 | 6535 | Full | 18.98 | 18.98 | 22.59 | 22.74 | |
| HE20 | MCS0 | 2 | 6695 | Full | 18.98 | 18.98 | 22.74 | 22.54 | |
| HE40 | MCS0 | 2 | 6565 | Full | 38.06 | 37.96 | 41.47 | 41.29 | |
| HE40 | MCS0 | 2 | 6685 | Full | 38.06 | 38.06 | 41.74 | 41.49 | |
| HE40 | MCS0 | 2 | 6845 | Full | 38.16 | 38.06 | 41.83 | 41.65 | |
| HE80 | MCS0 | 2 | 6625 | Full | 78.04 | 78.04 | 83.00 | 81.92 | |
| HE80 | MCS0 | 2 | 6705 | Full | 78.04 | 78.04 | 82.20 | 82.04 | |
| HE160 | MCS0 | 2 | 6665 | Full | 156.56 | 156.80 | 163.76 | 164.08 | |

| Band VII straddle channel MIMO | | | | | | | | | | | | | |
|--------------------------------|-----------|-----|-------------|-----------|----------------------------------|--------|----------------------------------|-------|------------------------------------|--------|------------------------------------|-------|------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | 26 dB In U-NII-7 Bandwidth (MHz) | | 26 dB In U-NII-8 Bandwidth (MHz) | | 99% OBW In U-NII-7 Bandwidth (MHz) | | 99% OBW In U-NII-8 Bandwidth (MHz) | | Note |
| | | | | | Ant 11 | Ant 8 | Ant 11 | Ant 8 | Ant 11 | Ant 8 | Ant 11 | Ant 8 | |
| HE20 | MCS0 | 2 | 6875 | Full | 11.49 | 11.39 | 11.35 | 11.30 | 9.59 | 9.54 | 9.44 | 9.44 | |
| HE80 | MCS0 | 2 | 6865 | Full | 51.60 | 51.24 | 31.28 | 31.28 | 49.32 | 49.20 | 28.96 | 29.08 | |
| HE160 | MCS0 | 2 | 6825 | Full | 131.84 | 131.28 | 32.24 | 31.92 | 128.40 | 128.64 | 28.16 | 28.40 | |

TEST RESULTS DATA
EIRP Power Table

| FCC Band VII MIMO | | | | | | | | | | | | |
|-------------------|-----------|-----|-------------|-----------|--|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power with duty factor (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | | | |
| HE20 | MCS0 | 2 | 6535 | Full | 7.13 | 6.50 | 9.84 | -2.45 | | 7.39 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6535 | 26/0 | -2.42 | -1.57 | 1.04 | -2.45 | | -1.41 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6535 | 52/37 | -0.02 | 1.58 | 3.86 | -2.45 | | 1.41 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6535 | 106/53 | 4.39 | 4.93 | 7.68 | -2.45 | | 5.23 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6695 | Full | 6.81 | 7.23 | 10.04 | -2.45 | | 7.59 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6695 | 26/4 | -1.74 | -0.02 | 2.21 | -2.45 | | -0.24 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6695 | 52/38 | 0.06 | 2.37 | 4.38 | -2.45 | | 1.93 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6695 | 106/53 | 4.33 | 4.96 | 7.67 | -2.45 | | 5.22 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6565 | Full | 9.08 | 10.23 | 12.70 | -2.45 | | 10.25 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6565 | 242/61 | 6.58 | 7.38 | 10.01 | -2.45 | | 7.56 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6685 | Full | 9.71 | 10.61 | 13.19 | -2.45 | | 10.74 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6685 | 242/61 | 7.06 | 7.81 | 10.46 | -2.45 | | 8.01 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6845 | Full | 8.83 | 10.13 | 12.54 | -2.45 | | 10.09 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6845 | 242/62 | 6.35 | 8.38 | 10.49 | -2.45 | | 8.04 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6625 | Full | 11.92 | 13.33 | 15.69 | -2.45 | | 13.24 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6625 | 484/65 | 9.51 | 10.46 | 13.02 | -2.45 | | 10.57 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6705 | Full | 12.23 | 13.30 | 15.81 | -2.45 | | 13.36 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6705 | 484/65 | 9.61 | 10.96 | 13.35 | -2.45 | | 10.90 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6665 | Full | 11.82 | 12.92 | 15.42 | -2.45 | | 12.97 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6665 | 996/67 | 9.81 | 10.83 | 13.36 | -2.45 | | 10.91 | 24.00 | Pass |

| FCC Band VII straddle channel MIMO | | | | | | | | | | | | |
|------------------------------------|-----------|-----|-------------|-----------|--|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power with duty factor (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | | | |
| HE20 | MCS0 | 2 | 6875 | Full | 6.63 | 7.77 | 10.25 | -2.45 | | 7.80 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6875 | 26/8 | -1.43 | -0.37 | 2.14 | -2.45 | | -0.31 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6875 | 52/40 | 0.83 | 1.83 | 4.37 | -2.45 | | 1.92 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6875 | 106/54 | 4.56 | 5.40 | 8.01 | -2.45 | | 5.56 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6865 | Full | 12.28 | 13.55 | 15.97 | -2.45 | | 13.52 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6865 | 484/66 | 8.15 | 9.13 | 11.68 | -2.45 | | 9.23 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6825 | Full | 12.73 | 13.83 | 16.33 | -2.45 | | 13.88 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6825 | 996/S67 | 9.93 | 11.93 | 14.05 | -2.45 | | 11.60 | 24.00 | Pass |

TEST RESULTS DATA
EIRP Power Spectral Density

| FCC Band VII MIMO | | | | | | | | | | | | |
|-------------------|-----------|-----|-------------|-----------|-----------------------------------|-------|-------|----------|-------|------------------------------|--------------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power Density (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | SUM | | |
| HE20 | MCS0 | 2 | 6535 | Full | | | -0.49 | -1.25 | -1.74 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6535 | 26/0 | | | -0.93 | -1.25 | -2.18 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6535 | 52/37 | | | -0.57 | -1.25 | -1.83 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6535 | 106/53 | | | -0.58 | -1.25 | -1.83 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6695 | Full | | | -0.43 | -1.25 | -1.68 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6695 | 26/4 | | | -0.46 | -1.25 | -1.71 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6695 | 52/38 | | | -0.53 | -1.25 | -1.78 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6695 | 106/53 | | | -0.90 | -1.25 | -2.15 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6565 | Full | | | -0.52 | -1.25 | -1.78 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6565 | 242/61 | | | -0.78 | -1.25 | -2.03 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6685 | Full | | | -0.36 | -1.25 | -1.62 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6685 | 242/61 | | | -0.55 | -1.25 | -1.81 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6845 | Full | | | -0.44 | -1.25 | -1.69 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6845 | 242/62 | | | -0.90 | -1.25 | -2.15 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6625 | Full | | | -0.63 | -1.25 | -1.89 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6625 | 484/65 | | | -0.67 | -1.25 | -1.92 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6705 | Full | | | -0.33 | -1.25 | -1.58 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6705 | 484/65 | | | -0.54 | -1.25 | -1.79 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6665 | Full | | | -4.18 | -1.25 | -5.43 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6665 | 996/67 | | | -4.19 | -1.25 | -5.44 | -1.00 | Pass | |

| FCC Band VII straddle channel MIMO | | | | | | | | | | | | |
|------------------------------------|-----------|-----|-------------|-----------|-----------------------------------|-------|-------|----------|-------|------------------------------|--------------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power Density (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | SUM | | |
| HE20 | MCS0 | 2 | 6875 | Full | | | -0.46 | -1.25 | -1.71 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6875 | 26/8 | | | -0.93 | -1.25 | -2.18 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6875 | 52/40 | | | -0.56 | -1.25 | -1.81 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6875 | 106/54 | | | -0.49 | -1.25 | -1.75 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6865 | Full | | | -1.92 | -1.25 | -3.17 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6865 | 484/66 | | | -2.04 | -1.25 | -3.29 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6825 | Full | | | -3.04 | -1.25 | -4.29 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6825 | 996/S67 | | | -3.36 | -1.25 | -4.61 | -1.00 | Pass | |

TEST RESULTS DATA
26dB EBW and 99% OBW

| Band VIII MIMO | | | | | | | | | |
|----------------|-----------|-----|-------------|-----------|---------------------|--------|-----------------------|--------|------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | 99% Bandwidth (MHz) | | 26 dB Bandwidth (MHz) | | Note |
| | | | | | Ant 11 | Ant 8 | Ant 11 | Ant 8 | |
| HE20 | MCS0 | 2 | 6895 | Full | 18.98 | 18.98 | 22.79 | 22.84 | |
| HE20 | MCS0 | 2 | 6995 | Full | 18.98 | 18.98 | 22.59 | 22.39 | |
| HE20 | MCS0 | 2 | 7095 | Full | 18.98 | 18.98 | 22.49 | 22.64 | |
| HE40 | MCS0 | 2 | 6965 | Full | 38.06 | 38.06 | 41.49 | 41.65 | |
| HE40 | MCS0 | 2 | 7085 | Full | 37.86 | 37.96 | 41.29 | 41.65 | |
| HE80 | MCS0 | 2 | 6945 | Full | 78.28 | 78.28 | 82.88 | 82.36 | |
| HE80 | MCS0 | 2 | 7025 | Full | 78.40 | 78.28 | 82.04 | 82.16 | |
| HE160 | MCS0 | 2 | 6985 | Full | 156.80 | 157.04 | 164.40 | 163.76 | |

| Band VIII straddle channel MIMO | | | | | | | | | | | | | |
|---------------------------------|-----------|-----|-------------|-----------|----------------------------------|-------|----------------------------------|-------|------------------------------------|-------|------------------------------------|-------|------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | 26 dB In U-NII-7 Bandwidth (MHz) | | 26 dB In U-NII-8 Bandwidth (MHz) | | 99% OBW In U-NII-7 Bandwidth (MHz) | | 99% OBW In U-NII-8 Bandwidth (MHz) | | Note |
| | | | | | Ant 11 | Ant 8 | Ant 11 | Ant 8 | Ant 11 | Ant 8 | Ant 11 | Ant 8 | |
| HE40 | MCS0 | 2 | 6885 | Full | 10.68 | 10.86 | 30.52 | 30.88 | 9.08 | 9.08 | 28.98 | 28.98 | |

TEST RESULTS DATA
EIRP Power Table

| Band VIII MIMO | | | | | | | | | | | | |
|----------------|-----------|-----|-------------|-----------|--|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power with duty factor (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | | | |
| HE20 | MCS0 | 2 | 6895 | Full | 6.35 | 7.06 | 9.73 | -2.56 | | 7.17 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6895 | 26/0 | -1.70 | -0.90 | 1.73 | -2.56 | | -0.83 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6895 | 52/37 | 0.93 | 1.81 | 4.40 | -2.56 | | 1.84 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6895 | 106/53 | 3.50 | 3.77 | 6.65 | -2.56 | | 4.09 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6995 | Full | 5.90 | 7.73 | 9.92 | -2.56 | | 7.36 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6995 | 26/4 | -1.12 | 0.25 | 2.63 | -2.56 | | 0.07 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6995 | 52/38 | 0.15 | 1.95 | 4.15 | -2.56 | | 1.59 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 6995 | 106/53 | 3.78 | 4.30 | 7.06 | -2.56 | | 4.50 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 7095 | Full | 7.51 | 9.20 | 11.45 | -2.56 | | 8.89 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 7095 | 26/8 | -1.60 | -0.18 | 2.18 | -2.56 | | -0.38 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 7095 | 52/40 | 0.59 | 1.81 | 4.25 | -2.56 | | 1.69 | 24.00 | Pass |
| HE20 | MCS0 | 2 | 7095 | 106/54 | 3.40 | 5.70 | 7.71 | -2.56 | | 5.15 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6965 | Full | 9.68 | 10.90 | 13.34 | -2.56 | | 10.78 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6965 | 242/62 | 6.51 | 7.95 | 10.30 | -2.56 | | 7.74 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 7085 | Full | 10.50 | 11.90 | 14.27 | -2.56 | | 11.71 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 7085 | 242/62 | 6.85 | 9.04 | 11.09 | -2.56 | | 8.53 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6945 | Full | 10.78 | 12.37 | 14.66 | -2.56 | | 12.10 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 6945 | 484/65 | 8.00 | 9.32 | 11.72 | -2.56 | | 9.16 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 7025 | Full | 10.50 | 12.57 | 14.67 | -2.56 | | 12.11 | 24.00 | Pass |
| HE80 | MCS0 | 2 | 7025 | 484/66 | 8.39 | 10.20 | 12.40 | -2.56 | | 9.84 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6985 | Full | 10.60 | 12.52 | 14.68 | -2.56 | | 12.12 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6985 | 996/67 | 7.40 | 9.62 | 11.66 | -2.56 | | 9.10 | 24.00 | Pass |
| HE160 | MCS0 | 2 | 6985 | 996/S67 | 7.87 | 10.17 | 12.18 | -2.56 | | 9.62 | 24.00 | Pass |

| FCC Band VIII straddle channel MIMO | | | | | | | | | | | | |
|-------------------------------------|-----------|-----|-------------|-----------|--|-------|-------|----------|-------|------------------|------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power with duty factor (dBm) | | | DG (dBi) | | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | | | |
| HE40 | MCS0 | 2 | 6885 | Full | 9.50 | 11.30 | 13.50 | -2.56 | | 10.94 | 24.00 | Pass |
| HE40 | MCS0 | 2 | 6885 | 242/61 | 7.60 | 8.17 | 10.90 | -2.56 | | 8.34 | 24.00 | Pass |

TEST RESULTS DATA
EIRP Power Spectral Density

| FCC Band VIII MIMO | | | | | | | | | | | | |
|--------------------|-----------|-----|-------------|-----------|-----------------------------------|-------|-------|----------|-------|------------------------------|--------------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power Density (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | SUM | | |
| HE20 | MCS0 | 2 | 6895 | Full | | | -0.35 | -1.59 | -1.94 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6895 | 26/0 | | | -0.60 | -1.59 | -2.19 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6895 | 52/37 | | | -0.38 | -1.59 | -1.96 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6895 | 106/53 | | | -0.44 | -1.59 | -2.02 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6995 | Full | | | -0.24 | -1.59 | -1.82 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6995 | 26/4 | | | -0.34 | -1.59 | -1.93 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6995 | 52/38 | | | -0.51 | -1.59 | -2.10 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 6995 | 106/53 | | | -0.61 | -1.59 | -2.20 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 7095 | Full | | | -0.24 | -1.59 | -1.82 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 7095 | 26/8 | | | -0.40 | -1.59 | -1.99 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 7095 | 52/40 | | | -0.49 | -1.59 | -2.07 | -1.00 | Pass | |
| HE20 | MCS0 | 2 | 7095 | 106/54 | | | -0.30 | -1.59 | -1.89 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6965 | Full | | | -0.28 | -1.59 | -1.87 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6965 | 242/62 | | | -0.36 | -1.59 | -1.94 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 7085 | Full | | | 0.06 | -1.59 | -1.53 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 7085 | 242/62 | | | -0.02 | -1.59 | -1.61 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6945 | Full | | | -2.08 | -1.59 | -3.66 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 6945 | 484/65 | | | -2.45 | -1.59 | -4.04 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 7025 | Full | | | -1.79 | -1.59 | -3.38 | -1.00 | Pass | |
| HE80 | MCS0 | 2 | 7025 | 484/66 | | | -2.02 | -1.59 | -3.60 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6985 | Full | | | -5.15 | -1.59 | -6.74 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6985 | 996/67 | | | -5.19 | -1.59 | -6.77 | -1.00 | Pass | |
| HE160 | MCS0 | 2 | 6985 | 996/S67 | | | -5.23 | -1.59 | -6.82 | -1.00 | Pass | |

| FCC Band VIII straddle channel MIMO | | | | | | | | | | | | |
|-------------------------------------|-----------|-----|-------------|-----------|-----------------------------------|-------|-------|----------|-------|------------------------------|--------------------------------|------------|
| Mod. | Data Rate | NTX | Freq. (MHz) | RU Config | Conducted Power Density (dBm/MHz) | | | DG (dBi) | | EIRP Power Density (dBm/MHz) | EIRP Power Density Limit (dBm) | Pass /Fail |
| | | | | | Ant 11 | Ant 8 | SUM | Ant 11 | Ant 8 | SUM | | |
| HE40 | MCS0 | 2 | 6885 | Full | | | -0.33 | -1.59 | -1.91 | -1.00 | Pass | |
| HE40 | MCS0 | 2 | 6885 | 242/61 | | | -0.41 | -1.59 | -2.00 | -1.00 | Pass | |



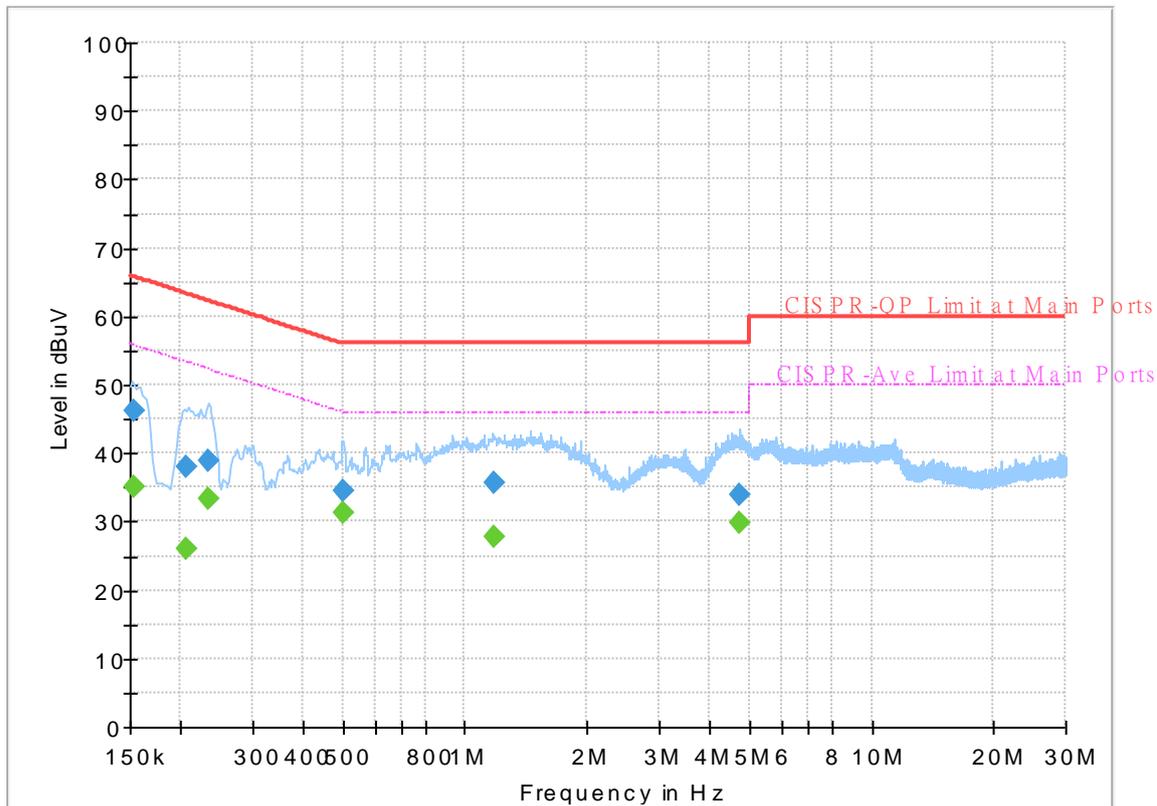
Appendix B. AC Conducted Emission Test Results

| | | | |
|-----------------|---------|---------------------|---------|
| Test Engineer : | Tom Lee | Temperature : | 23~26°C |
| | | Relative Humidity : | 40~50% |

EUT Information

Report NO : 110703
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



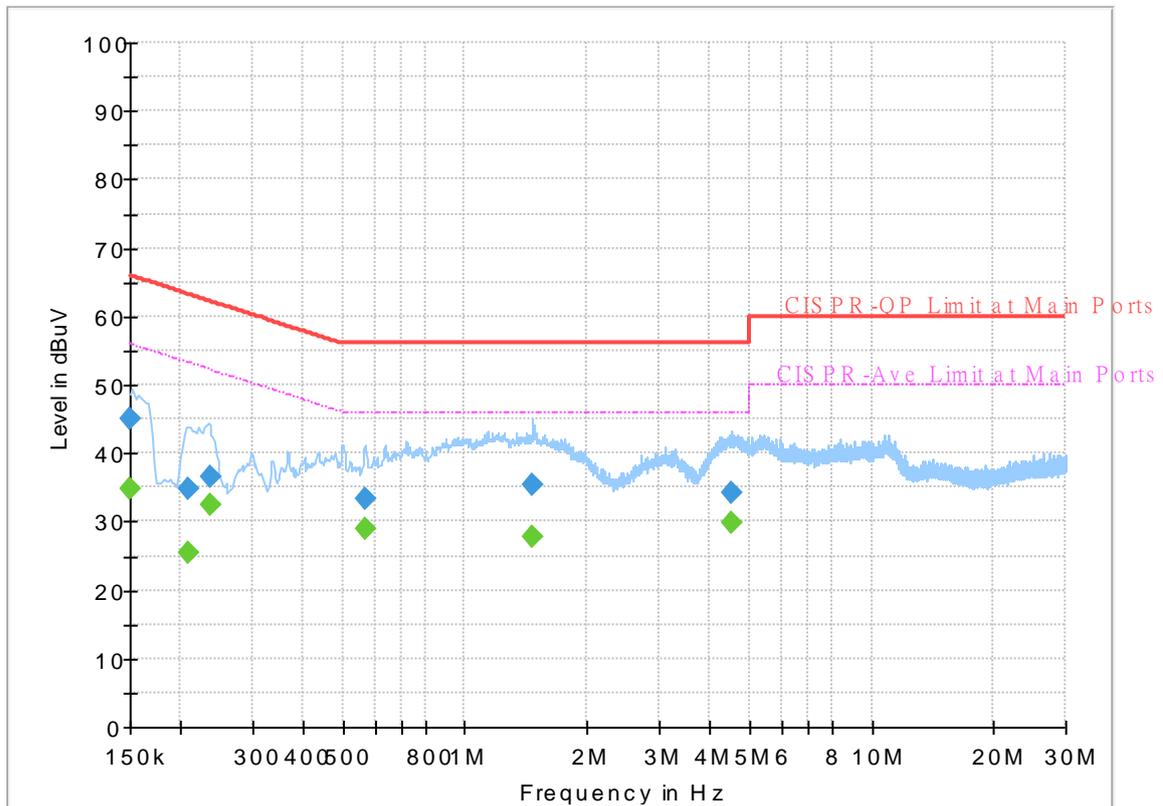
Final Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.153443 | --- | 34.99 | 55.81 | 20.82 | L1 | OFF | 19.7 |
| 0.153443 | 46.21 | --- | 65.81 | 19.60 | L1 | OFF | 19.7 |
| 0.206880 | --- | 26.15 | 53.33 | 27.18 | L1 | OFF | 19.7 |
| 0.206880 | 38.09 | --- | 63.33 | 25.24 | L1 | OFF | 19.7 |
| 0.233700 | --- | 33.41 | 52.32 | 18.91 | L1 | OFF | 19.7 |
| 0.233700 | 39.03 | --- | 62.32 | 23.29 | L1 | OFF | 19.7 |
| 0.502890 | --- | 31.32 | 46.00 | 14.68 | L1 | OFF | 19.9 |
| 0.502890 | 34.62 | --- | 56.00 | 21.38 | L1 | OFF | 19.9 |
| 1.176000 | --- | 27.66 | 46.00 | 18.34 | L1 | OFF | 20.3 |
| 1.176000 | 35.68 | --- | 56.00 | 20.32 | L1 | OFF | 20.3 |
| 4.722000 | --- | 29.80 | 46.00 | 16.20 | L1 | OFF | 20.1 |
| 4.722000 | 33.85 | --- | 56.00 | 22.15 | L1 | OFF | 20.1 |

EUT Information

Report NO : 110703
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.150000 | --- | 34.79 | 56.00 | 21.21 | N | OFF | 19.7 |
| 0.150000 | 44.92 | --- | 66.00 | 21.08 | N | OFF | 19.7 |
| 0.208500 | --- | 25.45 | 53.27 | 27.82 | N | OFF | 19.7 |
| 0.208500 | 34.81 | --- | 63.27 | 28.46 | N | OFF | 19.7 |
| 0.235320 | --- | 32.56 | 52.26 | 19.70 | N | OFF | 19.7 |
| 0.235320 | 36.67 | --- | 62.26 | 25.59 | N | OFF | 19.7 |
| 0.569850 | --- | 29.09 | 46.00 | 16.91 | N | OFF | 20.0 |
| 0.569850 | 33.30 | --- | 56.00 | 22.70 | N | OFF | 20.0 |
| 1.459500 | --- | 27.73 | 46.00 | 18.27 | N | OFF | 20.3 |
| 1.459500 | 35.27 | --- | 56.00 | 20.73 | N | OFF | 20.3 |
| 4.537500 | --- | 29.97 | 46.00 | 16.03 | N | OFF | 20.1 |
| 4.537500 | 34.29 | --- | 56.00 | 21.71 | N | OFF | 20.1 |



Appendix C. Radiated Spurious Emission

| | | | |
|-----------------|--------------------------------------|---------------------|-------------|
| Test Engineer : | Bill Cheng, Fu Chen, and Troye Hsieh | Temperature : | 18.8~24.0°C |
| | | Relative Humidity : | 33.2~66.1% |

Band 5 - 5925~6425MHz

WIFI 802.11ax HEW20 Full (Band Edge @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|--|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 11+8 | | (MHz) | (dBµV/m) | (dB) | (dBµV/m) | (dBµV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW20 Full CH 1 5955MHz | | 5924.96 | 56.07 | -32.13 | 88.2 | 45.84 | 32.4 | 10.73 | 32.9 | 100 | 245 | P | H | |
| | | 5924.96 | 45.1 | -23.1 | 68.2 | 34.87 | 32.4 | 10.73 | 32.9 | 100 | 245 | A | H | |
| | * | 5955 | 110.5 | - | - | 100.22 | 32.4 | 10.78 | 32.9 | 100 | 245 | P | H | |
| | * | 5955 | 100.31 | - | - | 90.03 | 32.4 | 10.78 | 32.9 | 100 | 245 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 5922.86 | 52.05 | -36.15 | 88.2 | 41.82 | 32.4 | 10.73 | 32.9 | 367 | 62 | P | V |
| | | | 5924.96 | 42.57 | -25.63 | 68.2 | 32.34 | 32.4 | 10.73 | 32.9 | 367 | 62 | A | V |
| | * | | 5955 | 105.05 | - | - | 94.77 | 32.4 | 10.78 | 32.9 | 367 | 62 | P | V |
| | * | | 5955 | 95.85 | - | - | 85.57 | 32.4 | 10.78 | 32.9 | 367 | 62 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| 802.11ax HEW20 Full CH 45 6175MHz | * | 6175 | 109.97 | - | - | 99.23 | 32.85 | 10.94 | 33.05 | 104 | 114 | P | H | |
| | * | 6175 | 99.91 | - | - | 89.17 | 32.85 | 10.94 | 33.05 | 104 | 114 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | * | | 6175 | 105.45 | - | - | 94.71 | 32.85 | 10.94 | 33.05 | 310 | 67 | P | V |
| | * | | 6175 | 95.93 | - | - | 85.19 | 32.85 | 10.94 | 33.05 | 310 | 67 | A | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|--|---|------|--------|---|---|-------|-------|-------|-------|-----|-----|---|---|
| 802.11ax HEW20 Full CH 93 6415MHz | * | 6415 | 110.93 | - | - | 99.38 | 33.66 | 11.15 | 33.26 | 104 | 114 | P | H |
| | * | 6415 | 100.68 | - | - | 89.13 | 33.66 | 11.15 | 33.26 | 104 | 114 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6415 | 105.51 | - | - | 93.96 | 33.66 | 11.15 | 33.26 | 310 | 67 | P | V |
| | * | 6415 | 95.6 | - | - | 84.05 | 33.66 | 11.15 | 33.26 | 310 | 67 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW20 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax | | 11910 | 48.02 | -25.98 | 74 | 57.53 | 38.63 | 18.07 | 66.21 | 100 | 0 | P | H |
| | | 17865 | 54.01 | -19.99 | 74 | 50.98 | 44.63 | 23.71 | 65.31 | 100 | 0 | P | H |
| | | 17865 | 45.65 | -8.35 | 54 | 42.62 | 44.63 | 23.71 | 65.31 | 100 | 0 | A | H |
| HEW20 Full | | | | | | | | | | | | | H |
| CH 1 5955MHz | | 11910 | 47.8 | -26.2 | 74 | 57.31 | 38.63 | 18.07 | 66.21 | 100 | 0 | P | V |
| | | 17865 | 54.54 | -19.46 | 74 | 51.51 | 44.63 | 23.71 | 65.31 | 100 | 0 | P | V |
| | | 17865 | 46.63 | -7.37 | 54 | 43.6 | 44.63 | 23.71 | 65.31 | 100 | 0 | A | V |
| | | | | | | | | | | | | | V |
| 802.11ax | | 12350 | 45.57 | -28.43 | 74 | 54.56 | 38.6 | 18.35 | 65.94 | 100 | 0 | P | H |
| | | 18525 | 35.86 | -38.14 | 74 | 56.49 | 38.35 | -3.59 | 55.39 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| HEW20 Full | | | | | | | | | | | | | H |
| CH 45 6175MHz | | 12350 | 46.51 | -27.49 | 74 | 55.5 | 38.6 | 18.35 | 65.94 | 100 | 0 | P | V |
| | | 18525 | 36.02 | -37.98 | 74 | 56.65 | 38.35 | -3.59 | 55.39 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax | | 12830 | 47.39 | -40.81 | 88.2 | 55.12 | 39.37 | 18.62 | 65.72 | 100 | 0 | P | H |
| | | 19245 | 32.36 | -41.64 | 74 | 53.05 | 38.01 | -3.65 | 55.05 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| HEW20 Full | | | | | | | | | | | | | H |
| CH 93 6415MHz | | 12832 | 48.09 | -40.11 | 88.2 | 55.82 | 39.37 | 18.62 | 65.72 | 100 | 0 | P | V |
| | | 19245 | 33.43 | -40.57 | 74 | 54.12 | 38.01 | -3.65 | 55.05 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW20 Partial 106 (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|---|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW20 Partial 106/53 CH 1 5955MHz | | 5924.96 | 56.07 | -32.13 | 88.2 | 45.84 | 32.4 | 10.73 | 32.9 | 100 | 245 | P | H | |
| | | 5924.96 | 45.1 | -23.1 | 68.2 | 34.87 | 32.4 | 10.73 | 32.9 | 100 | 245 | A | H | |
| | * | 5955 | 110.5 | - | - | 100.22 | 32.4 | 10.78 | 32.9 | 100 | 245 | P | H | |
| | * | 5955 | 100.31 | - | - | 90.03 | 32.4 | 10.78 | 32.9 | 100 | 245 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 5922.86 | 52.05 | -36.15 | 88.2 | 41.82 | 32.4 | 10.73 | 32.9 | 367 | 62 | P | V |
| | | | 5924.96 | 42.57 | -25.63 | 68.2 | 32.34 | 32.4 | 10.73 | 32.9 | 367 | 62 | A | V |
| | * | | 5955 | 105.05 | - | - | 94.77 | 32.4 | 10.78 | 32.9 | 367 | 62 | P | V |
| | * | | 5955 | 95.85 | - | - | 85.57 | 32.4 | 10.78 | 32.9 | 367 | 62 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW40 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------------|------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HEW40 Full CH 3 5965MHz | | 5924.7 | 53.86 | -34.34 | 88.2 | 43.63 | 32.4 | 10.73 | 32.9 | 100 | 244 | P | H | |
| | | 5925 | 44.53 | -23.67 | 68.2 | 34.29 | 32.4 | 10.74 | 32.9 | 100 | 244 | A | H | |
| | * | 5965 | 105.24 | - | - | 94.95 | 32.4 | 10.79 | 32.9 | 100 | 244 | P | H | |
| | * | 5965 | 95.37 | - | - | 85.08 | 32.4 | 10.79 | 32.9 | 100 | 244 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 5834.88 | 50.83 | -37.37 | 88.2 | 40.9 | 32.24 | 10.61 | 32.92 | 364 | 63 | P | V |
| | | | 5925 | 41.73 | -26.47 | 68.2 | 31.49 | 32.4 | 10.74 | 32.9 | 364 | 63 | A | V |
| | | * | 5965 | 99.21 | - | - | 88.92 | 32.4 | 10.79 | 32.9 | 364 | 63 | P | V |
| | | * | 5965 | 90.24 | - | - | 79.95 | 32.4 | 10.79 | 32.9 | 364 | 63 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| 802.11ax HEW40 Full CH 43 6165MHz | * | 6165 | 104.72 | - | - | 94.03 | 32.79 | 10.94 | 33.04 | 104 | 114 | P | H | |
| | * | 6165 | 94.63 | - | - | 83.94 | 32.79 | 10.94 | 33.04 | 104 | 114 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | * | 6165 | 100.75 | - | - | 90.06 | 32.79 | 10.94 | 33.04 | 310 | 67 | P | V |
| | | * | 6165 | 90.62 | - | - | 79.93 | 32.79 | 10.94 | 33.04 | 310 | 67 | A | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|--|---|------|--------|---|---|-------|-------|-------|-------|-----|-----|---|---|
| 802.11ax HEW20 Full CH 91 6405MHz | * | 6405 | 104.51 | - | - | 93.01 | 33.62 | 11.13 | 33.25 | 104 | 114 | P | H |
| | * | 6405 | 95.32 | - | - | 83.82 | 33.62 | 11.13 | 33.25 | 104 | 114 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6405 | 100.12 | - | - | 88.62 | 33.62 | 11.13 | 33.25 | 310 | 67 | P | V |
| | * | 6405 | 90.55 | - | - | 79.05 | 33.62 | 11.13 | 33.25 | 310 | 67 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW40 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW40 Full CH 3 5965MHz | | 11930 | 45.91 | -28.09 | 74 | 55.34 | 38.69 | 18.09 | 66.21 | 100 | 0 | P | H | |
| | | 17895 | 55.82 | -18.18 | 74 | 52.03 | 45.29 | 23.76 | 65.26 | 100 | 0 | P | H | |
| | | 17895 | 47.31 | -6.69 | 54 | 43.52 | 45.29 | 23.76 | 65.26 | 100 | 0 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | 11930 | 46.17 | -27.83 | 74 | 55.6 | 38.69 | 18.09 | 66.21 | 100 | 0 | P | V |
| | | | 17895 | 55.43 | -18.57 | 74 | 51.64 | 45.29 | 23.76 | 65.26 | 100 | 0 | P | V |
| | | | 17895 | 47.48 | -6.52 | 54 | 43.69 | 45.29 | 23.76 | 65.26 | 100 | 0 | A | V |
| | | | | | | | | | | | | | V | |
| 802.11ax HEW40 Full CH 43 6165MHz | | 12330 | 45.55 | -28.45 | 74 | 54.49 | 38.68 | 18.34 | 65.96 | 100 | 0 | P | H | |
| | | 18495 | 36.83 | -37.17 | 74 | 57.44 | 38.39 | -3.59 | 55.41 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 12330 | 45.97 | -28.03 | 74 | 54.91 | 38.68 | 18.34 | 65.96 | 100 | 0 | P | V |
| | | | 18495 | 37.91 | -36.09 | 74 | 58.52 | 38.39 | -3.59 | 55.41 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V | |
| 802.11ax HEW40 Full CH 91 6405MHz | | 12810 | 47.47 | -40.73 | 88.2 | 55.2 | 39.39 | 18.56 | 65.76 | 100 | 0 | P | H | |
| | | 19215 | 31.67 | -42.33 | 74 | 52.31 | 38.07 | -3.65 | 55.06 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 12810 | 48.17 | -40.03 | 88.2 | 55.9 | 39.39 | 18.56 | 65.73 | 100 | 0 | P | V |
| | | | 19215 | 31.47 | -42.53 | 74 | 52.11 | 38.07 | -3.65 | 55.06 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW40 Partial 242 (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|--|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW40 Partial 242/61 CH 3 5965MHz | | 5923.98 | 53.46 | -34.74 | 88.2 | 43.23 | 32.4 | 10.73 | 32.9 | 103 | 113 | P | H | |
| | | 5923.26 | 44.47 | -23.73 | 68.2 | 34.24 | 32.4 | 10.73 | 32.9 | 103 | 113 | A | H | |
| | * | 5965 | 109.59 | - | - | 99.3 | 32.4 | 10.79 | 32.9 | 103 | 113 | P | H | |
| | * | 5965 | 101.23 | - | - | 90.94 | 32.4 | 10.79 | 32.9 | 103 | 113 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 5922.72 | 59.02 | -29.18 | 88.2 | 48.79 | 32.4 | 10.73 | 32.9 | 317 | 65 | P | V |
| | | | 5923.26 | 41.62 | -26.58 | 68.2 | 31.39 | 32.4 | 10.73 | 32.9 | 317 | 65 | A | V |
| | * | | 5965 | 105.67 | - | - | 95.38 | 32.4 | 10.79 | 32.9 | 317 | 65 | P | V |
| | * | | 5965 | 96.33 | - | - | 86.04 | 32.4 | 10.79 | 32.9 | 317 | 65 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW80 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------------|------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HEW80 Full CH 7 5985MHz | | 5920.04 | 59.87 | -28.33 | 88.2 | 49.64 | 32.4 | 10.73 | 32.9 | 100 | 243 | P | H | |
| | | 5924.84 | 49.7 | -18.5 | 68.2 | 39.47 | 32.4 | 10.73 | 32.9 | 100 | 243 | A | H | |
| | * | 5985 | 103.03 | - | - | 92.7 | 32.4 | 10.82 | 32.89 | 100 | 243 | P | H | |
| | * | 5985 | 93.07 | - | - | 82.74 | 32.4 | 10.82 | 32.89 | 100 | 243 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 5920.84 | 54.89 | -33.31 | 88.2 | 44.66 | 32.4 | 10.73 | 32.9 | 346 | 68 | P | V |
| | | | 5924.84 | 44.75 | -23.45 | 68.2 | 34.52 | 32.4 | 10.73 | 32.9 | 346 | 68 | A | V |
| | | * | 5985 | 98.94 | - | - | 88.61 | 32.4 | 10.82 | 32.89 | 346 | 68 | P | V |
| | | * | 5985 | 89.22 | - | - | 78.89 | 32.4 | 10.82 | 32.89 | 346 | 68 | A | V |
| 802.11ax HEW80 Full CH 39 6145MHz | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | * | 6145 | 102.88 | - | - | 92.29 | 32.68 | 10.93 | 33.02 | 104 | 114 | P | H |
| | | * | 6145 | 93.08 | - | - | 82.49 | 32.68 | 10.93 | 33.02 | 104 | 114 | A | H |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | * | 6145 | 99.54 | - | - | 88.95 | 32.68 | 10.93 | 33.02 | 310 | 67 | P | V |
| | | * | 6145 | 88.93 | - | - | 78.34 | 32.68 | 10.93 | 33.02 | 310 | 67 | A | V |
| | | | | | | | | | | | | V | | |
| | | | | | | | | | | | | V | | |
| | | | | | | | | | | | | V | | |
| | | | | | | | | | | | | V | | |



| | | | | | | | | | | | | | |
|--|---|------|--------|---|---|-------|-------|-------|-------|-----|-----|---|---|
| 802.11ax HEW80 Full CH 87 6385MHz | * | 6385 | 103.56 | - | - | 92.18 | 33.51 | 11.11 | 33.24 | 104 | 114 | P | H |
| | * | 6385 | 93.61 | - | - | 82.23 | 33.51 | 11.11 | 33.24 | 104 | 114 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6385 | 98.93 | - | - | 87.55 | 33.51 | 11.11 | 33.24 | 310 | 67 | P | V |
| | * | 6385 | 88.98 | - | - | 77.6 | 33.51 | 11.11 | 33.24 | 310 | 67 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW80 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW80 Full | | 11970 | 46.9 | -27.1 | 74 | 56.17 | 38.81 | 18.13 | 66.21 | 100 | 0 | P | H |
| | | 17955 | 55.79 | -18.21 | 74 | 50.6 | 46.5 | 23.86 | 65.17 | 100 | 0 | P | H |
| | | 17955 | 48.84 | -5.16 | 54 | 43.65 | 46.5 | 23.86 | 65.17 | 100 | 0 | A | H |
| CH 7 5985MHz | | | | | | | | | | | | | H |
| | | 11970 | 47 | -27 | 74 | 56.27 | 38.81 | 18.13 | 66.21 | 100 | 0 | P | V |
| | | 17955 | 57.01 | -16.99 | 74 | 51.82 | 46.5 | 23.86 | 65.17 | 100 | 0 | P | V |
| | | 17955 | 48.45 | -5.55 | 54 | 43.26 | 46.5 | 23.86 | 65.17 | 100 | 0 | A | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full | | 12290 | 45.73 | -28.27 | 74 | 54.59 | 38.82 | 18.31 | 65.99 | 100 | 0 | P | H |
| | | 18435 | 36.38 | -37.62 | 74 | 57.16 | 38.3 | -3.61 | 55.47 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| CH 39 6145MHz | | | | | | | | | | | | | H |
| | | 12290 | 45.61 | -28.39 | 74 | 54.47 | 38.82 | 18.31 | 65.99 | 100 | 0 | P | V |
| | | 18435 | 36.96 | -37.04 | 74 | 57.74 | 38.3 | -3.61 | 55.47 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full | | 12770 | 48.05 | -40.15 | 88.2 | 55.99 | 39.22 | 18.58 | 65.74 | 100 | 0 | P | H |
| | | 19155 | 32.9 | -41.1 | 74 | 53.44 | 38.19 | -3.66 | 55.07 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| CH 87 6385MHz | | | | | | | | | | | | | H |
| | | 12770 | 47.62 | -40.58 | 88.2 | 55.56 | 39.22 | 18.58 | 65.74 | 100 | 0 | P | V |
| | | 19155 | 34.29 | -39.71 | 74 | 54.83 | 38.19 | -3.66 | 55.07 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW80 Partial 484 (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|--|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW80 Partial 484/65 CH 7 5985MHz | | 5918.12 | 67.82 | -20.38 | 88.2 | 57.59 | 32.4 | 10.73 | 32.9 | 103 | 114 | P | H | |
| | | 5923.08 | 53.82 | -14.38 | 68.2 | 43.59 | 32.4 | 10.73 | 32.9 | 103 | 114 | A | H | |
| | * | 5985 | 107.24 | - | - | 96.91 | 32.4 | 10.82 | 32.89 | 103 | 114 | P | H | |
| | * | 5985 | 99.13 | - | - | 88.8 | 32.4 | 10.82 | 32.89 | 103 | 114 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 5923.72 | 62.37 | -25.83 | 88.2 | 52.14 | 32.4 | 10.73 | 32.9 | 315 | 65 | P | V |
| | | | 5921.16 | 46.81 | -21.39 | 68.2 | 36.58 | 32.4 | 10.73 | 32.9 | 315 | 65 | A | V |
| | * | | 5985 | 103.08 | - | - | 92.75 | 32.4 | 10.82 | 32.89 | 315 | 65 | P | V |
| | * | | 5985 | 94.49 | - | - | 84.16 | 32.4 | 10.82 | 32.89 | 315 | 65 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW160 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------------|------------------------------------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HEW160 Full CH 15 6025MHz | | 5912.36 | 55.97 | -32.23 | 88.2 | 45.76 | 32.4 | 10.72 | 32.91 | 100 | 242 | P | H | |
| | | 5909.48 | 46.33 | -21.87 | 68.2 | 36.13 | 32.4 | 10.71 | 32.91 | 100 | 242 | A | H | |
| | * | 6025 | 97.86 | - | - | 87.51 | 32.4 | 10.86 | 32.91 | 100 | 242 | P | H | |
| | * | 6025 | 87.94 | - | - | 77.59 | 32.4 | 10.86 | 32.91 | 100 | 242 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 5897.64 | 52.79 | -35.41 | 88.2 | 42.6 | 32.4 | 10.7 | 32.91 | 325 | 60 | P | V |
| | | | 5921.32 | 42.75 | -25.45 | 68.2 | 32.52 | 32.4 | 10.73 | 32.9 | 325 | 60 | A | V |
| | * | | 6025 | 94.41 | - | - | 84.06 | 32.4 | 10.86 | 32.91 | 325 | 60 | P | V |
| | * | | 6025 | 83.83 | - | - | 73.48 | 32.4 | 10.86 | 32.91 | 325 | 60 | A | V |
| | | | | | | | | | | | | | V | |
| | 802.11ax HEW160 Full CH 47 6185MHz | * | 6185 | 98.67 | - | - | 87.87 | 32.91 | 10.95 | 33.06 | 104 | 114 | P | H |
| * | | 6185 | 88.32 | - | - | 77.52 | 32.91 | 10.95 | 33.06 | 104 | 114 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| * | | | 6185 | 94.31 | - | - | 83.51 | 32.91 | 10.95 | 33.06 | 310 | 67 | P | V |
| * | | | 6185 | 84.14 | - | - | 73.34 | 32.91 | 10.95 | 33.06 | 310 | 67 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |



| | | | | | | | | | | | | | | |
|---|--------|---|-------|---|---|-------|-------|-------|------|-----|-----|---|---|---|
| 802.11ax HEW160 Full CH 79 6345MHz | * | 6345 | 97.34 | - | - | 86.18 | 33.28 | 11.08 | 33.2 | 104 | 114 | P | H | |
| | * | 6345 | 88.15 | - | - | 76.99 | 33.28 | 11.08 | 33.2 | 104 | 114 | A | H | |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | * | 6345 | 93.76 | - | - | 82.6 | 33.28 | 11.08 | 33.2 | 310 | 67 | | P | V |
| | * | 6345 | 83.9 | - | - | 72.74 | 33.28 | 11.08 | 33.2 | 310 | 67 | | A | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| | Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW160 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------------|--|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW160 Full CH 15 6025MHz | | 12050 | 46.49 | -27.51 | 74 | 55.57 | 38.9 | 18.19 | 66.17 | 100 | 0 | P | H | |
| | | 18075 | 36.38 | -37.62 | 74 | 58 | 37.93 | -3.72 | 55.83 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 12050 | 46.48 | -27.52 | 74 | 55.56 | 38.9 | 18.19 | 66.17 | 100 | 0 | P | V |
| | | | 18075 | 36.74 | -37.26 | 74 | 58.36 | 37.93 | -3.72 | 55.83 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| 802.11ax HEW160 Full CH 47 6185MHz | | 12370 | 46.54 | -27.46 | 74 | 55.59 | 38.52 | 18.36 | 65.93 | 100 | 0 | P | H | |
| | | 18555 | 36.26 | -37.74 | 74 | 56.94 | 38.29 | -3.6 | 55.37 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 12370 | 45.19 | -28.81 | 74 | 54.24 | 38.52 | 18.36 | 65.93 | 100 | 0 | P | V |
| | | | 18555 | 36.96 | -37.04 | 74 | 57.64 | 38.29 | -3.6 | 55.37 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| 802.11ax HEW160 Full CH 79 6345MHz | | 12690 | 47.02 | -26.98 | 74 | 55.45 | 38.8 | 18.54 | 65.77 | 100 | 0 | P | H | |
| | | 19035 | 33.15 | -40.85 | 74 | 53.48 | 38.43 | -3.67 | 55.09 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 12690 | 46.95 | -27.05 | 74 | 55.38 | 38.8 | 18.54 | 65.77 | 100 | 0 | P | V |
| | | | 19035 | 33.13 | -40.87 | 74 | 53.46 | 38.43 | -3.67 | 55.09 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW160 Partial 996 (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|--|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HEW160 Partial 996/67 CH 15 6025MHz | | 5896.68 | 71.12 | -17.08 | 88.2 | 60.94 | 32.39 | 10.7 | 32.91 | 102 | 243 | P | H | |
| | | 5901.8 | 49.7 | -18.5 | 68.2 | 39.51 | 32.4 | 10.7 | 32.91 | 102 | 243 | A | H | |
| | * | 6025 | 102.94 | - | - | 92.59 | 32.4 | 10.86 | 32.91 | 102 | 243 | P | H | |
| | * | 6025 | 93.6 | - | - | 83.25 | 32.4 | 10.86 | 32.91 | 102 | 243 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 5903.4 | 64.34 | -23.86 | 88.2 | 54.15 | 32.4 | 10.7 | 32.91 | 330 | 65 | P | V |
| | | | 5903.08 | 44.82 | -23.38 | 68.2 | 34.63 | 32.4 | 10.7 | 32.91 | 330 | 65 | A | V |
| | * | | 6025 | 97.63 | - | - | 87.28 | 32.4 | 10.86 | 32.91 | 330 | 65 | P | V |
| | * | | 6025 | 89.04 | - | - | 78.69 | 32.4 | 10.86 | 32.91 | 330 | 65 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802.11ax HEW20 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW20 Full CH 97 6435MHz | * | 6435 | 111.04 | - | - | 99.4 | 33.74 | 11.18 | 33.28 | 100 | 112 | P | H |
| | * | 6435 | 100.81 | - | - | 89.17 | 33.74 | 11.18 | 33.28 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6435 | 107.98 | - | - | 96.34 | 33.74 | 11.18 | 33.28 | 345 | 82 | P | V |
| | * | 6435 | 96.58 | - | - | 84.94 | 33.74 | 11.18 | 33.28 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW20 Full CH 105 6475MHz | * | 6475 | 111.3 | - | - | 99.42 | 33.95 | 11.25 | 33.32 | 100 | 112 | P | H |
| | * | 6475 | 101.44 | - | - | 89.56 | 33.95 | 11.25 | 33.32 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6475 | 105.89 | - | - | 94.01 | 33.95 | 11.25 | 33.32 | 345 | 82 | P | V |
| | * | 6475 | 96.54 | - | - | 84.66 | 33.95 | 11.25 | 33.32 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|---|---|------|--------|---|---|-------|-------|-------|-------|-----|-----|---|---|
| 802.11ax HEW20 Full CH 113 6515MHz | * | 6515 | 112.06 | - | - | 99.93 | 34.16 | 11.32 | 33.35 | 100 | 112 | P | H |
| | * | 6515 | 101.52 | - | - | 89.39 | 34.16 | 11.32 | 33.35 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6515 | 107.29 | - | - | 95.16 | 34.16 | 11.32 | 33.35 | 345 | 82 | P | V |
| | * | 6515 | 96.68 | - | - | 84.55 | 34.16 | 11.32 | 33.35 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802. 11ax HEW40 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW40 Full CH 99 6445MHz | * | 6445 | 106.06 | - | - | 94.37 | 33.78 | 11.2 | 33.29 | 100 | 112 | P | H |
| | * | 6445 | 96.1 | - | - | 84.41 | 33.78 | 11.2 | 33.29 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6445 | 101.64 | - | - | 89.95 | 33.78 | 11.2 | 33.29 | 345 | 82 | P | V |
| | * | 6445 | 92.07 | - | - | 80.38 | 33.78 | 11.2 | 33.29 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW40 Full CH 107 6485MHz | * | 6485 | 107.45 | - | - | 95.5 | 34.01 | 11.27 | 33.33 | 100 | 112 | P | H |
| | * | 6485 | 96.81 | - | - | 84.86 | 34.01 | 11.27 | 33.33 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6485 | 101.27 | - | - | 89.32 | 34.01 | 11.27 | 33.33 | 345 | 82 | P | V |
| | * | 6485 | 91.45 | - | - | 79.5 | 34.01 | 11.27 | 33.33 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|---|---|------|--------|---|---|-------|------|-------|-------|-----|-----|---|---|
| 802.11ax HEW40 Full CH 115 6525MHz | * | 6525 | 107.71 | - | - | 95.52 | 34.2 | 11.34 | 33.35 | 100 | 112 | P | H |
| | * | 6525 | 97.14 | - | - | 84.95 | 34.2 | 11.34 | 33.35 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6525 | 101.57 | - | - | 89.38 | 34.2 | 11.34 | 33.35 | 345 | 82 | P | V |
| | * | 6525 | 92.03 | - | - | 79.84 | 34.2 | 11.34 | 33.35 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802. 11ax HEW40 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW40 Full CH 99 6445MHz | | 12890 | 47.08 | -41.12 | 88.2 | 54.83 | 39.31 | 18.65 | 65.71 | 100 | 0 | P | H |
| | | 19335 | 31.81 | -42.19 | 74 | 52.65 | 37.83 | -3.64 | 55.03 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 12890 | 46.89 | -41.31 | 88.2 | 54.64 | 39.31 | 18.65 | 65.71 | 100 | 0 | P | V |
| | | 19335 | 30.99 | -43.01 | 74 | 51.83 | 37.83 | -3.64 | 55.03 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW40 Full CH 107 6485MHz | | 12970 | 47.04 | -41.16 | 88.2 | 54.58 | 39.44 | 18.7 | 65.68 | 100 | 0 | P | H |
| | | 19455 | 30.84 | -43.16 | 74 | 51.89 | 37.59 | -3.63 | 55.01 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 12970 | 46.78 | -41.42 | 88.2 | 54.32 | 39.44 | 18.7 | 65.68 | 100 | 0 | P | V |
| | | 19455 | 31.62 | -42.38 | 74 | 52.67 | 37.59 | -3.63 | 55.01 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW40 Full CH 115 6525MHz | | 13050 | 47.71 | -40.49 | 88.2 | 55.12 | 39.5 | 18.76 | 65.67 | 100 | 0 | P | H |
| | | 19575 | 34.39 | -39.61 | 74 | 55.35 | 37.65 | -3.62 | 54.99 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13050 | 47.47 | -40.73 | 88.2 | 54.88 | 39.5 | 18.76 | 65.67 | 100 | 0 | P | V |
| | | 19575 | 32.88 | -41.12 | 74 | 53.84 | 37.65 | -3.62 | 54.99 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802. 11ax HEW80 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|--|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW80 Full CH 103 6465MHz | * | 6465 | 98.72 | - | - | 86.91 | 33.89 | 11.23 | 33.31 | 100 | 112 | P | H |
| | * | 6465 | 87.51 | - | - | 75.7 | 33.89 | 11.23 | 33.31 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6465 | 96.14 | - | - | 84.33 | 33.89 | 11.23 | 33.31 | 345 | 82 | P | V |
| | * | 6465 | 86.93 | - | - | 75.12 | 33.89 | 11.23 | 33.31 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full CH 119 6545MHz | * | 6545 | 95.46 | - | - | 83.17 | 34.28 | 11.37 | 33.36 | 100 | 112 | P | H |
| | * | 6545 | 85.63 | - | - | 73.34 | 34.28 | 11.37 | 33.36 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6545 | 95.47 | - | - | 83.18 | 34.28 | 11.37 | 33.36 | 345 | 82 | P | V |
| | * | 6545 | 84.86 | - | - | 72.57 | 34.28 | 11.37 | 33.36 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802. 11ax HEW80 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBµV/m) | Over Limit (dB) | Limit Line (dBµV/m) | Read Level (dBµV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|--|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW80 Full CH 103 6465MHz | | 12930 | 48.12 | -40.08 | 88.2 | 55.78 | 39.36 | 18.67 | 65.69 | 100 | 0 | P | H |
| | | 19395 | 30.88 | -43.12 | 74 | 51.83 | 37.71 | -3.64 | 55.02 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 12930 | 48.55 | -39.65 | 88.2 | 56.21 | 39.36 | 18.67 | 65.69 | 100 | 0 | P | V |
| | | 19395 | 30.56 | -43.44 | 74 | 51.51 | 37.71 | -3.64 | 55.02 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full CH 119 6545MHz | | 13090 | 46.79 | -41.41 | 88.2 | 54.16 | 39.5 | 18.8 | 65.67 | 100 | 0 | P | H |
| | | 19635 | 32.17 | -41.83 | 74 | 52.97 | 37.77 | -3.6 | 54.97 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13090 | 47.43 | -40.77 | 88.2 | 54.8 | 39.5 | 18.8 | 65.67 | 100 | 0 | P | V |
| | | 19635 | 33.52 | -40.48 | 74 | 54.32 | 37.77 | -3.6 | 54.97 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802. 11ax HEW160 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW160 Full CH 111 6505MHz | * | 6505 | 92.12 | - | - | 80.04 | 34.12 | 11.3 | 33.34 | 100 | 112 | P | H |
| | * | 6505 | 82.29 | - | - | 70.21 | 34.12 | 11.3 | 33.34 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6505 | 91.34 | - | - | 79.26 | 34.12 | 11.3 | 33.34 | 345 | 82 | P | V |
| | * | 6505 | 81.34 | - | - | 69.26 | 34.12 | 11.3 | 33.34 | 345 | 82 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802. 11ax HEW160 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|---|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW160 Full CH 111 6505MHz | | 13010 | 48.13 | -40.07 | 88.2 | 55.58 | 39.5 | 18.72 | 65.67 | 100 | 0 | P | H | |
| | | 19515 | 31.82 | -42.18 | 74 | 52.92 | 37.53 | -3.63 | 55 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13010 | 47.24 | -40.96 | 88.2 | 54.69 | 39.5 | 18.72 | 65.67 | 100 | 0 | P | V |
| | | | 19515 | 31.8 | -42.2 | 74 | 52.9 | 37.53 | -3.63 | 55 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW20 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW20 Full CH 117 6535MHz | * | 6535 | 103.73 | - | - | 91.48 | 34.24 | 11.36 | 33.35 | 103 | 266 | P | H |
| | * | 6535 | 92.65 | - | - | 80.4 | 34.24 | 11.36 | 33.35 | 103 | 266 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6535 | 104.88 | - | - | 92.63 | 34.24 | 11.36 | 33.35 | 100 | 239 | P | V |
| | * | 6535 | 94.54 | - | - | 82.29 | 34.24 | 11.36 | 33.35 | 100 | 239 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW20 Full CH 149 6695MHz | * | 6695 | 98.15 | - | - | 85.68 | 34.3 | 11.59 | 33.42 | 400 | 175 | P | H |
| | * | 6695 | 88.36 | - | - | 75.89 | 34.3 | 11.59 | 33.42 | 400 | 175 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6695 | 102.92 | - | - | 90.45 | 34.3 | 11.59 | 33.42 | 102 | 237 | P | V |
| | * | 6695 | 94.15 | - | - | 81.68 | 34.3 | 11.59 | 33.42 | 102 | 237 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|---|---|------|--------|---|---|-------|------|-------|------|-----|-----|---|---|
| 802.11ax HEW20 Full CH 185 6875MHz | * | 6875 | 98.58 | - | - | 85.47 | 34.8 | 11.81 | 33.5 | 400 | 171 | P | H |
| | * | 6875 | 88.36 | - | - | 75.25 | 34.8 | 11.81 | 33.5 | 400 | 171 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6875 | 102.88 | - | - | 89.77 | 34.8 | 11.81 | 33.5 | 100 | 241 | P | V |
| | * | 6875 | 93.01 | - | - | 79.9 | 34.8 | 11.81 | 33.5 | 100 | 241 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW20 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW20 Full CH 117 6535MHz | | 13070 | 47.82 | -40.38 | 88.2 | 55.21 | 39.5 | 18.78 | 65.67 | 100 | 0 | P | H | |
| | | 19605 | 32.88 | -41.12 | 74 | 53.76 | 37.71 | -3.61 | 54.98 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13070 | 46.9 | -41.3 | 88.2 | 54.29 | 39.5 | 18.78 | 65.67 | 100 | 0 | P | V |
| | | | 19605 | 32.85 | -41.15 | 74 | 53.73 | 37.71 | -3.61 | 54.98 | 100 | 0 | P | V |
| 802.11ax HEW20 Full CH 149 6695MHz | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | 13390 | 48.13 | -25.87 | 74 | 54.82 | 39.86 | 19.1 | 65.65 | 100 | 0 | P | H |
| | | | 20085 | 34.43 | -39.57 | 74 | 54.98 | 37.87 | -3.52 | 54.9 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| 802.11ax HEW20 Full CH 185 6875MHz | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | 13750 | 48.39 | -39.81 | 88.2 | 54.23 | 40.4 | 19.45 | 65.69 | 100 | 0 | P | H |
| | | | 20625 | 35.48 | -38.52 | 74 | 55.69 | 38.1 | -3.46 | 54.85 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| 802.11ax HEW20 Full CH 185 6875MHz | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | 13750 | 48.82 | -39.38 | 88.2 | 54.66 | 40.4 | 19.45 | 65.69 | 100 | 0 | P | V |
| | | | 20625 | 35.65 | -38.35 | 74 | 55.86 | 38.1 | -3.46 | 54.85 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW40 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HEW40 Full CH 123 6565MHz | * | 6565 | 96.87 | - | - | 84.53 | 34.3 | 11.41 | 33.37 | 100 | 262 | P | H |
| | * | 6565 | 87.04 | - | - | 74.7 | 34.3 | 11.41 | 33.37 | 100 | 262 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6565 | 98.53 | - | - | 86.19 | 34.3 | 11.41 | 33.37 | 100 | 239 | P | V |
| | * | 6565 | 88.76 | - | - | 76.42 | 34.3 | 11.41 | 33.37 | 100 | 239 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW40 Full CH 147 6685MHz | * | 6685 | 94.51 | - | - | 82.05 | 34.3 | 11.58 | 33.42 | 100 | 293 | P | H |
| | * | 6685 | 84.67 | - | - | 72.21 | 34.3 | 11.58 | 33.42 | 100 | 293 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6685 | 100.28 | - | - | 87.82 | 34.3 | 11.58 | 33.42 | 100 | 238 | P | V |
| | * | 6685 | 89.65 | - | - | 77.19 | 34.3 | 11.58 | 33.42 | 100 | 238 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|---|---|------|-------|---|---|-------|-------|-------|-------|-----|-----|---|---|
| 802.11ax HEW40 Full CH 179 6845MHz | * | 6845 | 98.61 | - | - | 85.63 | 34.68 | 11.78 | 33.48 | 100 | 294 | P | H |
| | * | 6845 | 88.66 | - | - | 75.68 | 34.68 | 11.78 | 33.48 | 100 | 294 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6845 | 99.73 | - | - | 86.75 | 34.68 | 11.78 | 33.48 | 104 | 240 | P | V |
| | * | 6845 | 88.26 | - | - | 75.28 | 34.68 | 11.78 | 33.48 | 104 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW40 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------------|--|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HEW40 Full CH 123 6565MHz | | 13130 | 47.52 | -40.68 | 88.2 | 54.87 | 39.47 | 18.84 | 65.66 | 100 | 0 | P | H | |
| | | 19695 | 32.4 | -41.6 | 74 | 53.06 | 37.89 | -3.59 | 54.96 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13130 | 48.06 | -40.14 | 88.2 | 55.41 | 39.47 | 18.84 | 65.66 | 100 | 0 | P | V |
| | | | 19695 | 32.69 | -41.31 | 74 | 53.35 | 37.89 | -3.59 | 54.96 | 100 | 0 | P | V |
| 802.11ax HEW40 Full CH 147 6685MHz | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | 13370 | 47.58 | -26.42 | 74 | 54.38 | 39.78 | 19.08 | 65.66 | 100 | 0 | P | H |
| | | | 20055 | 34.75 | -39.25 | 74 | 55.3 | 37.88 | -3.53 | 54.9 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| 802.11ax HEW40 Full CH 179 6845MHz | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | 13690 | 48.79 | -39.41 | 88.2 | 54.71 | 40.37 | 19.39 | 65.68 | 100 | 0 | P | H |
| | | | 20535 | 36.59 | -37.41 | 74 | 57.01 | 37.96 | -3.49 | 54.89 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| Remark | 1. No other spurious found. | | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW80 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax H80 Full CH 135 6625MHz | * | 6625 | 92.06 | - | - | 79.65 | 34.3 | 11.5 | 33.39 | 100 | 268 | P | H |
| | * | 6625 | 81.98 | - | - | 69.57 | 34.3 | 11.5 | 33.39 | 100 | 268 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6625 | 96.62 | - | - | 84.21 | 34.3 | 11.5 | 33.39 | 100 | 237 | P | V |
| | * | 6625 | 86.03 | - | - | 73.62 | 34.3 | 11.5 | 33.39 | 100 | 237 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full CH 151 6705MHz | * | 6705 | 90.65 | - | - | 78.18 | 34.3 | 11.6 | 33.43 | 100 | 295 | P | H |
| | * | 6705 | 78.96 | - | - | 66.49 | 34.3 | 11.6 | 33.43 | 100 | 295 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6705 | 96.41 | - | - | 83.94 | 34.3 | 11.6 | 33.43 | 100 | 238 | P | V |
| | * | 6705 | 86.31 | - | - | 73.84 | 34.3 | 11.6 | 33.43 | 100 | 238 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|---|---|------|-------|---|---|-------|-------|------|-------|-----|-----|---|---|
| 802.11ax HEW80 Full CH 183 6865MHz | * | 6865 | 88.4 | - | - | 75.33 | 34.76 | 11.8 | 33.49 | 100 | 294 | P | H |
| | * | 6865 | 77.54 | - | - | 64.47 | 34.76 | 11.8 | 33.49 | 100 | 294 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6865 | 96.31 | - | - | 83.24 | 34.76 | 11.8 | 33.49 | 106 | 243 | P | V |
| | * | 6865 | 85.38 | - | - | 72.31 | 34.76 | 11.8 | 33.49 | 106 | 243 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW80 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|--|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax H80 Full CH 135 6625MHz | | 13250 | 47.02 | -26.98 | 74 | 54.27 | 39.45 | 18.96 | 65.66 | 100 | 0 | P | H |
| | | 19875 | 33.92 | -40.08 | 74 | 54.45 | 37.95 | -3.55 | 54.93 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13250 | 47.72 | -26.28 | 74 | 54.97 | 39.45 | 18.96 | 65.66 | 100 | 0 | P | V |
| | | 19875 | 32.7 | -41.3 | 74 | 53.23 | 37.95 | -3.55 | 54.93 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full CH 151 6705MHz | | 13410 | 48.34 | -39.86 | 88.2 | 54.96 | 39.91 | 19.12 | 65.65 | 100 | 0 | P | H |
| | | 20115 | 34.31 | -39.69 | 74 | 54.88 | 37.85 | -3.52 | 54.9 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13410 | 48.13 | -40.07 | 88.2 | 54.75 | 39.91 | 19.12 | 65.65 | 100 | 0 | P | V |
| | | 20115 | 33.82 | -40.18 | 74 | 54.39 | 37.85 | -3.52 | 54.9 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full CH 183 6865MHz | | 13730 | 48.43 | -39.77 | 88.2 | 54.29 | 40.4 | 19.43 | 65.69 | 100 | 0 | P | H |
| | | 20595 | 35.77 | -38.23 | 74 | 56.05 | 38.05 | -3.47 | 54.86 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13730 | 47.45 | -40.75 | 88.2 | 53.31 | 40.4 | 19.43 | 65.69 | 100 | 0 | P | V |
| | | 20595 | 35.31 | -38.69 | 74 | 55.59 | 38.05 | -3.47 | 54.86 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW160 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HEW160 Full CH 143 6665MHz | * | 6665 | 88.29 | - | - | 75.85 | 34.3 | 11.55 | 33.41 | 100 | 268 | P | H |
| | * | 6665 | 78.66 | - | - | 66.22 | 34.3 | 11.55 | 33.41 | 100 | 268 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6665 | 93.2 | - | - | 80.76 | 34.3 | 11.55 | 33.41 | 100 | 239 | P | V |
| | * | 6665 | 83.49 | - | - | 71.05 | 34.3 | 11.55 | 33.41 | 100 | 239 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW160 Full CH 175 6825MHz | * | 6825 | 86.46 | - | - | 73.59 | 34.6 | 11.75 | 33.48 | 100 | 293 | P | H |
| | * | 6825 | 75.61 | - | - | 62.74 | 34.6 | 11.75 | 33.48 | 100 | 293 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6825 | 93.18 | - | - | 80.31 | 34.6 | 11.75 | 33.48 | 100 | 240 | P | V |
| | * | 6825 | 82.69 | - | - | 69.82 | 34.6 | 11.75 | 33.48 | 100 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW160 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBµV/m) | Over Limit (dB) | Limit Line (dBµV/m) | Read Level (dBµV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-------------------------------------|--|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HEW160 Full CH 143 6665MHz | | 13330 | 47.96 | -26.04 | 74 | 54.96 | 39.62 | 19.04 | 65.66 | 100 | 0 | P | H | |
| | | 19995 | 32.21 | -41.79 | 74 | 52.74 | 37.9 | -3.53 | 54.9 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13330 | 49.42 | -24.58 | 74 | 56.42 | 39.62 | 19.04 | 65.66 | 100 | 0 | P | V |
| | | | 19995 | 33.17 | -40.83 | 74 | 53.7 | 37.9 | -3.53 | 54.9 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| 802.11ax HEW160 Full CH 175 6825MHz | | 13650 | 47.97 | -40.23 | 88.2 | 54.05 | 40.25 | 19.35 | 65.68 | 100 | 0 | P | H | |
| | | 20475 | 36.32 | -37.68 | 74 | 56.83 | 37.89 | -3.5 | 54.9 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13650 | 48.12 | -40.08 | 88.2 | 54.2 | 40.25 | 19.35 | 65.68 | 100 | 0 | P | V |
| | | | 20475 | 35.43 | -38.57 | 74 | 55.94 | 37.89 | -3.5 | 54.9 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW20 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW20 Full CH 189 6895MHz | * | 6895 | 99.36 | - | - | 86.15 | 34.88 | 11.84 | 33.51 | 400 | 186 | P | H |
| | * | 6895 | 87.9 | - | - | 74.69 | 34.88 | 11.84 | 33.51 | 400 | 186 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6895 | 104.33 | - | - | 91.12 | 34.88 | 11.84 | 33.51 | 100 | 237 | P | V |
| | * | 6895 | 93.5 | - | - | 80.29 | 34.88 | 11.84 | 33.51 | 100 | 237 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW20 Full CH 209 6995MHz | * | 6995 | 97.75 | - | - | 84.16 | 35.18 | 11.96 | 33.55 | 400 | 169 | P | H |
| | * | 6995 | 87.52 | - | - | 73.93 | 35.18 | 11.96 | 33.55 | 400 | 169 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6995 | 105.01 | - | - | 91.42 | 35.18 | 11.96 | 33.55 | 100 | 240 | P | V |
| | * | 6995 | 93.99 | - | - | 80.4 | 35.18 | 11.96 | 33.55 | 100 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|---|---|---------|--------|--------|------|-------|-------|-------|-------|-----|-----|---|---|
| 802.11ax HEW20 Full CH 229 7095MHz | * | 7095 | 106.89 | - | - | 92.81 | 35.77 | 12.03 | 33.72 | 100 | 112 | P | H |
| | * | 7095 | 98.33 | - | - | 84.25 | 35.77 | 12.03 | 33.72 | 100 | 112 | A | H |
| | | 7125.48 | 60.25 | -27.95 | 88.2 | 46.03 | 35.95 | 12.05 | 33.78 | 100 | 112 | P | H |
| | | 7125 | 48.63 | -19.57 | 68.2 | 34.41 | 35.95 | 12.05 | 33.78 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 7095 | 100.49 | - | - | 86.41 | 35.77 | 12.03 | 33.72 | 100 | 78 | P | V |
| | * | 7095 | 91.62 | - | - | 77.54 | 35.77 | 12.03 | 33.72 | 100 | 78 | A | V |
| | | 7131.72 | 56.02 | -32.18 | 88.2 | 41.77 | 35.99 | 12.05 | 33.79 | 100 | 78 | P | V |
| | | 7125 | 45.77 | -22.43 | 68.2 | 31.55 | 35.95 | 12.05 | 33.78 | 100 | 78 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW20 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW20 Full CH 189 6895MHz | | 13790 | 47.92 | -40.28 | 88.2 | 53.73 | 40.4 | 19.49 | 65.7 | 100 | 0 | P | H | |
| | | 20685 | 35.11 | -38.89 | 74 | 55.18 | 38.2 | -3.44 | 54.83 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13790 | 48.24 | -39.96 | 88.2 | 54.05 | 40.4 | 19.49 | 65.7 | 100 | 0 | P | V |
| | | | 20685 | 36.18 | -37.82 | 74 | 56.25 | 38.2 | -3.44 | 54.83 | 100 | 0 | P | V |
| 802.11ax HEW20 Full CH 209 6995MHz | | 13990 | 47.86 | -40.34 | 88.2 | 53.12 | 40.79 | 19.69 | 65.74 | 100 | 0 | P | H | |
| | | 20985 | 35.81 | -38.19 | 74 | 55.95 | 37.92 | -3.35 | 54.71 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13990 | 48.66 | -39.54 | 88.2 | 53.92 | 40.79 | 19.69 | 65.74 | 100 | 0 | P | V |
| | | | 20985 | 36.05 | -37.95 | 74 | 56.19 | 37.92 | -3.35 | 54.71 | 100 | 0 | P | V |
| 802.11ax HEW20 Full CH 229 7095MHz | | 14190 | 50.66 | -37.54 | 88.2 | 55.03 | 41.27 | 19.97 | 65.61 | 100 | 0 | P | H | |
| | | 21285 | 36.68 | -37.32 | 74 | 56.34 | 38.33 | -3.29 | 54.7 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 14190 | 49.01 | -39.19 | 88.2 | 53.38 | 41.27 | 19.97 | 65.61 | 100 | 0 | P | V |
| | | | 21285 | 36.87 | -37.13 | 74 | 56.53 | 38.33 | -3.29 | 54.7 | 100 | 0 | P | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW40 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW40 Full CH 187 6885MHz | * | 6885 | 92.51 | - | - | 79.34 | 34.84 | 11.83 | 33.5 | 400 | 189 | P | H |
| | * | 6885 | 82.31 | - | - | 69.14 | 34.84 | 11.83 | 33.5 | 400 | 189 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6885 | 98.94 | - | - | 85.77 | 34.84 | 11.83 | 33.5 | 100 | 242 | P | V |
| | * | 6885 | 88.3 | - | - | 75.13 | 34.84 | 11.83 | 33.5 | 100 | 242 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW40 Full CH 203 6965MHz | * | 6965 | 92.58 | - | - | 79.13 | 35.06 | 11.93 | 33.54 | 400 | 169 | P | H |
| | * | 6965 | 82.37 | - | - | 68.92 | 35.06 | 11.93 | 33.54 | 400 | 169 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6965 | 99.86 | - | - | 86.41 | 35.06 | 11.93 | 33.54 | 100 | 239 | P | V |
| | * | 6965 | 89.31 | - | - | 75.86 | 35.06 | 11.93 | 33.54 | 100 | 239 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |



| | | | | | | | | | | | | | |
|---|---|---------|-------|--------|------|-------|-------|-------|-------|-----|-----|---|---|
| 802.11ax HEW40 Full CH 227 7085MHz | * | 7085 | 103.7 | - | - | 89.67 | 35.71 | 12.02 | 33.7 | 100 | 112 | P | H |
| | * | 7085 | 93.25 | - | - | 79.22 | 35.71 | 12.02 | 33.7 | 100 | 112 | A | H |
| | | 7125.48 | 57.27 | -30.93 | 88.2 | 43.05 | 35.95 | 12.05 | 33.78 | 100 | 112 | P | H |
| | | 7125 | 47.38 | -20.82 | 68.2 | 33.16 | 35.95 | 12.05 | 33.78 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 7085 | 98.52 | - | - | 84.49 | 35.71 | 12.02 | 33.7 | 400 | 129 | P | V |
| | * | 7085 | 88.71 | - | - | 74.68 | 35.71 | 12.02 | 33.7 | 400 | 129 | A | V |
| | | 7166.88 | 55.43 | -32.77 | 88.2 | 41.04 | 36.17 | 12.07 | 33.85 | 400 | 129 | P | V |
| | | 7125.12 | 46.11 | -22.09 | 68.2 | 31.89 | 35.95 | 12.05 | 33.78 | 400 | 129 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW40 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW40 Full CH 187 6885MHz | | 13770 | 48.88 | -39.32 | 88.2 | 54.71 | 40.4 | 19.47 | 65.7 | 100 | 0 | P | H |
| | | 20655 | 34.44 | -39.56 | 74 | 54.58 | 38.15 | -3.45 | 54.84 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13770 | 48.98 | -39.22 | 88.2 | 54.81 | 40.4 | 19.47 | 65.7 | 100 | 0 | P | V |
| | | 20655 | 35.99 | -38.01 | 74 | 56.13 | 38.15 | -3.45 | 54.84 | 100 | 0 | P | V |
| 802.11ax HEW40 Full CH 203 6965MHz | | 13930 | 47.84 | -40.36 | 88.2 | 53.21 | 40.73 | 19.63 | 65.73 | 100 | 0 | P | H |
| | | 20895 | 35.69 | -38.31 | 74 | 55.74 | 38.07 | -3.38 | 54.74 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13930 | 48.26 | -39.94 | 88.2 | 53.63 | 40.73 | 19.63 | 65.73 | 100 | 0 | P | V |
| | | 20895 | 36.13 | -37.87 | 74 | 56.18 | 38.07 | -3.38 | 54.74 | 100 | 0 | P | V |
| 802.11ax HEW40 Full CH 227 7085MHz | | 14170 | 49.87 | -38.33 | 88.2 | 54.34 | 41.21 | 19.94 | 65.62 | 100 | 0 | P | H |
| | | 21255 | 36.4 | -37.6 | 74 | 56.09 | 38.3 | -3.29 | 54.7 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 14170 | 49.75 | -38.45 | 88.2 | 54.22 | 41.21 | 19.94 | 65.62 | 100 | 0 | P | V |
| | | 21255 | 37.3 | -36.7 | 74 | 56.99 | 38.3 | -3.29 | 54.7 | 100 | 0 | P | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW80 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HEW80 Full CH 199 6945MHz | * | 6945 | 89.88 | - | - | 76.52 | 34.99 | 11.9 | 33.53 | 400 | 177 | P | H |
| | * | 6945 | 80.66 | - | - | 67.3 | 34.99 | 11.9 | 33.53 | 400 | 177 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6945 | 98.41 | - | - | 85.05 | 34.99 | 11.9 | 33.53 | 100 | 239 | P | V |
| | * | 6945 | 86.99 | - | - | 73.63 | 34.99 | 11.9 | 33.53 | 100 | 239 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full CH 215 7025MHz | * | 7025 | 100.31 | - | - | 86.57 | 35.35 | 11.99 | 33.6 | 100 | 110 | P | H |
| | * | 7025 | 90.46 | - | - | 76.72 | 35.35 | 11.99 | 33.6 | 100 | 110 | A | H |
| | | 7139.56 | 55.62 | -32.58 | 88.2 | 41.33 | 36.04 | 12.05 | 33.8 | 100 | 110 | P | H |
| | | 7125.32 | 46.45 | -21.75 | 68.2 | 32.23 | 35.95 | 12.05 | 33.78 | 100 | 110 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 7025 | 97.54 | - | - | 83.8 | 35.35 | 11.99 | 33.6 | 380 | 141 | P | V |
| | * | 7025 | 87.81 | - | - | 74.07 | 35.35 | 11.99 | 33.6 | 380 | 141 | A | V |
| | | 7141.32 | 55.33 | -32.87 | 88.2 | 41.03 | 36.05 | 12.05 | 33.8 | 380 | 141 | P | V |
| | | 7128.36 | 45.31 | -22.89 | 68.2 | 31.07 | 35.97 | 12.05 | 33.78 | 380 | 141 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW80 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|--|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HEW80 Full CH 199 6945MHz | | 13890 | 48.98 | -39.22 | 88.2 | 54.44 | 40.67 | 19.59 | 65.72 | 100 | 0 | P | H |
| | | 20835 | 35.2 | -38.8 | 74 | 55.21 | 38.16 | -3.4 | 54.77 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 13890 | 47.71 | -40.49 | 88.2 | 53.17 | 40.67 | 19.59 | 65.72 | 100 | 0 | P | V |
| | | 20835 | 35.35 | -38.65 | 74 | 55.36 | 38.16 | -3.4 | 54.77 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ax HEW80 Full CH 215 7025MHz | | 14050 | 50.54 | -37.66 | 88.2 | 55.58 | 40.9 | 19.77 | 65.71 | 100 | 0 | P | H |
| | | 21075 | 36.34 | -37.66 | 74 | 56.35 | 38.02 | -3.33 | 54.7 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 14050 | 49.01 | -39.19 | 88.2 | 54.05 | 40.9 | 19.77 | 65.71 | 100 | 0 | P | V |
| | | 21075 | 36.37 | -37.63 | 74 | 56.38 | 38.02 | -3.33 | 54.7 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW160 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW160 Full CH 207 6985MHz | * | 6985 | 94.47 | - | - | 80.92 | 35.14 | 11.95 | 33.54 | 100 | 112 | P | H |
| | * | 6985 | 85.05 | - | - | 71.5 | 35.14 | 11.95 | 33.54 | 100 | 112 | A | H |
| | | 7129.32 | 57.88 | -30.32 | 88.2 | 43.63 | 35.98 | 12.05 | 33.78 | 100 | 112 | P | H |
| | | 7127.08 | 48.02 | -20.18 | 68.2 | 33.79 | 35.96 | 12.05 | 33.78 | 100 | 112 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6985 | 91.86 | - | - | 78.31 | 35.14 | 11.95 | 33.54 | 385 | 141 | P | V |
| | * | 6985 | 82.98 | - | - | 69.43 | 35.14 | 11.95 | 33.54 | 385 | 141 | A | V |
| | | 7208.68 | 56.32 | -31.88 | 88.2 | 41.84 | 36.32 | 12.09 | 33.93 | 385 | 141 | P | V |
| | | 7126.12 | 45.76 | -22.44 | 68.2 | 31.53 | 35.96 | 12.05 | 33.78 | 385 | 141 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW160 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|---|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW160 Full CH 207 6985MHz | | 13970 | 48.74 | -39.46 | 88.2 | 54.03 | 40.77 | 19.67 | 65.73 | 100 | 0 | P | H | |
| | | 20955 | 35.57 | -38.43 | 74 | 55.68 | 37.97 | -3.36 | 54.72 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13970 | 48.64 | -39.56 | 88.2 | 53.93 | 40.77 | 19.67 | 65.73 | 100 | 0 | P | V |
| | | | 20955 | 35.85 | -38.15 | 74 | 55.96 | 37.97 | -3.36 | 54.72 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW20 Partial 106 (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|--|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW20 Partial 106/54 CH 229 7095MHz | * | 7095 | 110.42 | - | - | 96.34 | 35.77 | 12.03 | 33.72 | 100 | 109 | P | H |
| | * | 7095 | 102.55 | - | - | 88.47 | 35.77 | 12.03 | 33.72 | 100 | 109 | A | H |
| | | 7132.2 | 58.32 | -29.88 | 88.2 | 44.07 | 35.99 | 12.05 | 33.79 | 100 | 109 | P | H |
| | | 7125 | 46.43 | -21.77 | 68.2 | 32.21 | 35.95 | 12.05 | 33.78 | 100 | 109 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 7095 | 108.04 | - | - | 93.96 | 35.77 | 12.03 | 33.72 | 386 | 131 | P | V |
| | * | 7095 | 100.35 | - | - | 86.27 | 35.77 | 12.03 | 33.72 | 386 | 131 | A | V |
| | | 7205.16 | 56.09 | -32.11 | 88.2 | 41.61 | 36.31 | 12.09 | 33.92 | 386 | 131 | P | V |
| | | 7191.88 | 45.5 | -22.7 | 68.2 | 31.04 | 36.27 | 12.09 | 33.9 | 386 | 131 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW40 Partial 242 (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW40 Partial 242/62 CH 227 7085MHz | * | 7085 | 106.85 | - | - | 92.82 | 35.71 | 12.02 | 33.7 | 102 | 109 | P | H |
| | * | 7085 | 96.69 | - | - | 82.66 | 35.71 | 12.02 | 33.7 | 102 | 109 | A | H |
| | | 7132.14 | 60.7 | -27.5 | 88.2 | 46.45 | 35.99 | 12.05 | 33.79 | 102 | 109 | P | H |
| | | 7125 | 46.12 | -22.08 | 68.2 | 31.9 | 35.95 | 12.05 | 33.78 | 102 | 109 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 7085 | 101.64 | - | - | 87.61 | 35.71 | 12.02 | 33.7 | 400 | 141 | P | V |
| | * | 7085 | 93.14 | - | - | 79.11 | 35.71 | 12.02 | 33.7 | 400 | 141 | A | V |
| | | 7129.8 | 57.03 | -31.17 | 88.2 | 42.78 | 35.98 | 12.05 | 33.78 | 400 | 141 | P | V |
| | | 7125.48 | 45.37 | -22.83 | 68.2 | 31.15 | 35.95 | 12.05 | 33.78 | 400 | 141 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW80 Partial 484 (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|--|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW80 Partial 484/66 CH 215 7025MHz | * | 7025 | 103.62 | - | - | 89.88 | 35.35 | 11.99 | 33.6 | 100 | 111 | P | H |
| | * | 7025 | 94.28 | - | - | 80.54 | 35.35 | 11.99 | 33.6 | 100 | 111 | A | H |
| | | 7126.76 | 59.49 | -28.71 | 88.2 | 45.26 | 35.96 | 12.05 | 33.78 | 100 | 111 | P | H |
| | | 7126.92 | 45.57 | -22.63 | 68.2 | 31.34 | 35.96 | 12.05 | 33.78 | 100 | 111 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 7025 | 100.96 | - | - | 87.22 | 35.35 | 11.99 | 33.6 | 395 | 133 | P | V |
| | * | 7025 | 92.6 | - | - | 78.86 | 35.35 | 11.99 | 33.6 | 395 | 133 | A | V |
| | | 7127.24 | 59.47 | -28.73 | 88.2 | 45.24 | 35.96 | 12.05 | 33.78 | 395 | 133 | P | V |
| | | 7144.52 | 45.12 | -23.08 | 68.2 | 30.8 | 36.07 | 12.06 | 33.81 | 395 | 133 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW160 Partial 966 (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|--|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW160 Partial 966/S67 CH 207 6985MHz | * | 6985 | 98.11 | - | - | 84.56 | 35.14 | 11.95 | 33.54 | 100 | 111 | P | H |
| | * | 6985 | 88.52 | - | - | 74.97 | 35.14 | 11.95 | 33.54 | 100 | 111 | A | H |
| | | 7133.8 | 67.59 | -20.61 | 88.2 | 53.33 | 36 | 12.05 | 33.79 | 100 | 111 | P | H |
| | | 7133.8 | 48.2 | -20 | 68.2 | 33.94 | 36 | 12.05 | 33.79 | 100 | 111 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6985 | 95.13 | - | - | 81.58 | 35.14 | 11.95 | 33.54 | 368 | 138 | P | V |
| | * | 6985 | 87.45 | - | - | 73.9 | 35.14 | 11.95 | 33.54 | 368 | 138 | A | V |
| | | 7127.4 | 62.55 | -25.65 | 88.2 | 48.32 | 35.96 | 12.05 | 33.78 | 368 | 138 | P | V |
| | | 7131.24 | 46.56 | -21.64 | 68.2 | 32.31 | 35.99 | 12.05 | 33.79 | 368 | 138 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 5 - Emission below 1GHz

WIFI 802.11ax HEW80 Full (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|------------------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW80 Full LF | | 93.05 | 26.66 | -16.84 | 43.5 | 42.7 | 15.06 | 1.41 | 32.51 | - | - | P | H | |
| | | 134.76 | 25.49 | -18.01 | 43.5 | 38.92 | 17.39 | 1.69 | 32.51 | - | - | P | H | |
| | | 155.13 | 25.88 | -17.62 | 43.5 | 39.88 | 16.67 | 1.85 | 32.52 | - | - | P | H | |
| | | 785.63 | 30.54 | -15.46 | 46 | 30.06 | 28.19 | 4 | 31.71 | - | - | P | H | |
| | | 903 | 30.7 | -15.3 | 46 | 28.44 | 29.11 | 4.33 | 31.18 | - | - | P | H | |
| | | 954.41 | 32.74 | -13.26 | 46 | 28.24 | 30.89 | 4.46 | 30.85 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 48.43 | 29.63 | -10.37 | 40 | 46.35 | 14.8 | 1.02 | 32.54 | 100 | 0 | P | V |
| | | | 94.99 | 30.59 | -12.91 | 43.5 | 46.53 | 15.14 | 1.43 | 32.51 | - | - | P | V |
| | | | 131.85 | 29.84 | -13.66 | 43.5 | 43.23 | 17.45 | 1.67 | 32.51 | - | - | P | V |
| | | | 725.49 | 27.73 | -18.27 | 46 | 28.75 | 27.32 | 3.85 | 32.19 | - | - | P | V |
| | | | 886.51 | 30.81 | -15.19 | 46 | 28.61 | 29.17 | 4.28 | 31.25 | - | - | P | V |
| | | 948.59 | 32.8 | -13.2 | 46 | 28.63 | 30.6 | 4.45 | 30.88 | - | - | P | V | |
| | | | | | | | | | | | | V | | |
| | | | | | | | | | | | | V | | |
| | | | | | | | | | | | | V | | |
| | | | | | | | | | | | | V | | |
| | | | | | | | | | | | | V | | |
| | | | | | | | | | | | | V | | |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. | | | | | | | | | | | | | |



Band 6 - Emission below 1GHz

WIFI 802.11ax HEW20 Full (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|------------------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW20 Full LF | | 93.05 | 26.66 | -16.84 | 43.5 | 42.7 | 15.06 | 1.41 | 32.51 | - | - | P | H | |
| | | 130.88 | 27.34 | -16.16 | 43.5 | 40.77 | 17.41 | 1.67 | 32.51 | - | - | P | H | |
| | | 174.53 | 23.11 | -20.39 | 43.5 | 38.53 | 15.13 | 1.98 | 32.53 | - | - | P | H | |
| | | 784.66 | 29.03 | -16.97 | 46 | 28.57 | 28.18 | 4 | 31.72 | - | - | P | H | |
| | | 893.3 | 32.33 | -13.67 | 46 | 30.12 | 29.13 | 4.31 | 31.23 | - | - | P | H | |
| | | 946.65 | 32.72 | -13.28 | 46 | 28.67 | 30.51 | 4.44 | 30.9 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | 48.43 | 29.63 | -10.37 | 40 | 46.35 | 14.8 | 1.02 | 32.54 | 100 | 0 | P | V |
| | | | 70.74 | 28.93 | -11.07 | 40 | 48.03 | 12.2 | 1.23 | 32.53 | - | - | P | V |
| | | | 94.99 | 27.59 | -15.91 | 43.5 | 43.53 | 15.14 | 1.43 | 32.51 | - | - | P | V |
| | | | 810.85 | 29.58 | -16.42 | 46 | 28.98 | 28.11 | 4.05 | 31.56 | - | - | P | V |
| | | | 879.72 | 31.03 | -14.97 | 46 | 28.85 | 29.19 | 4.27 | 31.28 | - | - | P | V |
| | | 954.41 | 31.86 | -14.14 | 46 | 27.36 | 30.89 | 4.46 | 30.85 | - | - | P | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. | | | | | | | | | | | | | |



Band 7 - Emission below 1GHz

WIFI 802.11ax HEW160 Full (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|-------------------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW160 Full LF | | 91.11 | 28.88 | -14.62 | 43.5 | 45.33 | 14.67 | 1.39 | 32.51 | - | - | P | H | |
| | | 127.97 | 26.51 | -16.99 | 43.5 | 39.92 | 17.45 | 1.65 | 32.51 | - | - | P | H | |
| | | 215.27 | 25.66 | -17.84 | 43.5 | 41.12 | 14.86 | 2.16 | 32.48 | - | - | P | H | |
| | | 813.76 | 31.01 | -14.99 | 46 | 30.41 | 28.07 | 4.07 | 31.54 | - | - | P | H | |
| | | 895.24 | 30.75 | -15.25 | 46 | 28.55 | 29.11 | 4.31 | 31.22 | - | - | P | H | |
| | | 953.44 | 31.49 | -14.51 | 46 | 27.05 | 30.84 | 4.45 | 30.85 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | 49.4 | 27.16 | -12.84 | 40 | 44.23 | 14.45 | 1.03 | 32.55 | - | - | P | V |
| | | | 90.14 | 25.97 | -17.53 | 43.5 | 42.51 | 14.59 | 1.38 | 32.51 | - | - | P | V |
| | | | 161.92 | 23.42 | -20.08 | 43.5 | 37.8 | 16.24 | 1.9 | 32.52 | - | - | P | V |
| | | | 832.19 | 30.48 | -15.52 | 46 | 29.4 | 28.43 | 4.12 | 31.47 | - | - | P | V |
| | | | 871.96 | 31.4 | -14.6 | 46 | 29.19 | 29.28 | 4.24 | 31.31 | - | - | P | V |
| | | | 954.41 | 32.59 | -13.41 | 46 | 28.09 | 30.89 | 4.46 | 30.85 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. | | | | | | | | | | | | | |



Band 8 - Emission below 1GHz

WIFI 802.11ax HEW20 Full (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|------------------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW20 Full LF | | 89.17 | 27.68 | -15.82 | 43.5 | 44.27 | 14.54 | 1.38 | 32.51 | - | - | P | H | |
| | | 161.92 | 26.02 | -17.48 | 43.5 | 40.4 | 16.24 | 1.9 | 32.52 | - | - | P | H | |
| | | 334.58 | 27.11 | -18.89 | 46 | 36.64 | 19.82 | 2.66 | 32.01 | - | - | P | H | |
| | | 823.46 | 30.8 | -15.2 | 46 | 30.13 | 28.08 | 4.1 | 31.51 | - | - | P | H | |
| | | 874.87 | 31.1 | -14.9 | 46 | 28.94 | 29.22 | 4.24 | 31.3 | - | - | P | H | |
| | | 958.29 | 32.56 | -13.44 | 46 | 27.86 | 31.06 | 4.46 | 30.82 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 53.28 | 29.82 | -10.18 | 40 | 48.65 | 12.65 | 1.07 | 32.55 | 100 | 0 | P | V |
| | | | 91.11 | 27.95 | -15.55 | 43.5 | 44.4 | 14.67 | 1.39 | 32.51 | - | - | P | V |
| | | | 161.92 | 22.87 | -20.63 | 43.5 | 37.25 | 16.24 | 1.9 | 32.52 | - | - | P | V |
| | | | 828.31 | 29.93 | -16.07 | 46 | 29.1 | 28.21 | 4.11 | 31.49 | - | - | P | V |
| | | | 863.23 | 30.48 | -15.52 | 46 | 28.34 | 29.27 | 4.22 | 31.35 | - | - | P | V |
| | | 947.62 | 30.8 | -15.2 | 46 | 26.69 | 30.56 | 4.44 | 30.89 | - | - | P | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. | | | | | | | | | | | | | |



<WPC Charging Mode>

Band 5 - 5925~6425MHz

WIFI 802.11ax HEW80 Full (Band Edge @ 3m)

| WIFI Ant. | Note | Frequency | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. | |
|---|---|-----------|------------|------------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|---------|---|
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW80 Full CH 7 5985MHz | | 5921.8 | 57.83 | -30.37 | 88.2 | 47.6 | 32.4 | 10.73 | 32.9 | 100 | 242 | P | H | |
| | | 5923.88 | 47.64 | -20.56 | 68.2 | 37.41 | 32.4 | 10.73 | 32.9 | 100 | 242 | A | H | |
| | * | 5985 | 101.87 | - | - | 91.54 | 32.4 | 10.82 | 32.89 | 100 | 242 | P | H | |
| | * | 5985 | 91.18 | - | - | 80.85 | 32.4 | 10.82 | 32.89 | 100 | 242 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 5919.56 | 58.58 | -29.62 | 88.2 | 48.35 | 32.4 | 10.73 | 32.9 | 100 | 115 | P | V |
| | | | 5924.68 | 47.28 | -20.92 | 68.2 | 37.05 | 32.4 | 10.73 | 32.9 | 100 | 115 | A | V |
| | * | | 5985 | 99.64 | - | - | 89.31 | 32.4 | 10.82 | 32.89 | 100 | 115 | P | V |
| | * | | 5985 | 90.75 | - | - | 80.42 | 32.4 | 10.82 | 32.89 | 100 | 115 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 5 5925~6425MHz

WIFI 802.11ax HEW80 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|----------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW80 Full CH 7 5985MHz | | 11970 | 46.28 | -27.72 | 74 | 55.55 | 38.81 | 18.13 | 66.21 | 100 | 0 | P | H | |
| | | 17955 | 58.62 | -15.38 | 74 | 53.43 | 46.5 | 23.86 | 65.17 | 100 | 0 | P | H | |
| | | 17955 | 48.64 | -5.36 | 54 | 43.45 | 46.5 | 23.86 | 65.17 | 100 | 0 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | 11970 | 46.37 | -27.63 | 74 | 55.64 | 38.81 | 18.13 | 66.21 | 100 | 0 | P | V |
| | | | 17955 | 58.78 | -15.22 | 74 | 53.59 | 46.5 | 23.86 | 65.17 | 100 | 0 | P | V |
| | | | 17955 | 48.76 | -5.24 | 54 | 43.57 | 46.5 | 23.86 | 65.17 | 100 | 0 | A | V |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802.11ax HEW20 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW20 Full CH 113 6515MHz | * | 6515 | 107.57 | - | - | 95.44 | 34.16 | 11.32 | 33.35 | 100 | 199 | P | H |
| | * | 6515 | 97.23 | - | - | 85.1 | 34.16 | 11.32 | 33.35 | 100 | 199 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6515 | 107.12 | - | - | 94.99 | 34.16 | 11.32 | 33.35 | 100 | 74 | P | V |
| | * | 6515 | 96.71 | - | - | 84.58 | 34.16 | 11.32 | 33.35 | 100 | 74 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 6 - 6425~6525MHz

WIFI 802.11ax HEW20 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW20 Full | | 13030 | 47.15 | -41.05 | 88.2 | 54.58 | 39.5 | 18.74 | 65.67 | 100 | 0 | P | H |
| | | 19545 | 32.27 | -41.73 | 74 | 53.29 | 37.59 | -3.62 | 54.99 | 100 | 0 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| CH 113 6515MHz | | 13030 | 47.95 | -40.25 | 88.2 | 55.38 | 39.5 | 18.74 | 65.67 | 100 | 0 | P | V |
| | | 19545 | 32.91 | -41.09 | 74 | 53.93 | 37.59 | -3.62 | 54.99 | 100 | 0 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW160 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW160 Full CH 143 6665MHz | * | 6665 | 97.19 | - | - | 84.75 | 34.3 | 11.55 | 33.41 | 100 | 115 | P | H |
| | * | 6665 | 86.76 | - | - | 74.32 | 34.3 | 11.55 | 33.41 | 100 | 115 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 6665 | 94.92 | - | - | 82.48 | 34.3 | 11.55 | 33.41 | 100 | 120 | P | V |
| | * | 6665 | 84.21 | - | - | 71.77 | 34.3 | 11.55 | 33.41 | 100 | 120 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 7 - 6525~6875MHz

WIFI 802.11ax HEW160 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|---|---|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HEW160 Full CH 143 6665MHz | | 13330 | 47.56 | -26.44 | 74 | 54.56 | 39.62 | 19.04 | 65.66 | 100 | 0 | P | H | |
| | | 19995 | 33.33 | -40.67 | 74 | 53.86 | 37.9 | -3.53 | 54.9 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 13330 | 47.11 | -26.89 | 74 | 54.11 | 39.62 | 19.04 | 65.66 | 100 | 0 | P | V |
| | | | 19995 | 33.4 | -40.6 | 74 | 53.93 | 37.9 | -3.53 | 54.9 | 100 | 0 | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW20 Full (Band Edge @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HEW20 Full CH 229 7095MHz | * | 7095 | 104.42 | - | - | 90.34 | 35.77 | 12.03 | 33.72 | 100 | 113 | P | H |
| | * | 7095 | 94.69 | - | - | 80.61 | 35.77 | 12.03 | 33.72 | 100 | 113 | A | H |
| | | 7125.48 | 56.58 | -31.62 | 88.2 | 42.36 | 35.95 | 12.05 | 33.78 | 100 | 113 | P | H |
| | | 7125.16 | 47.11 | -21.09 | 68.2 | 32.89 | 35.95 | 12.05 | 33.78 | 100 | 113 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 7095 | 103.49 | - | - | 89.41 | 35.77 | 12.03 | 33.72 | 100 | 56 | P | V |
| | * | 7095 | 93.4 | - | - | 79.32 | 35.77 | 12.03 | 33.72 | 100 | 56 | A | V |
| | | 7137.16 | 56.1 | -32.1 | 88.2 | 41.83 | 36.02 | 12.05 | 33.8 | 100 | 56 | P | V |
| | | 7125 | 46.46 | -21.74 | 68.2 | 32.24 | 35.95 | 12.05 | 33.78 | 100 | 56 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



Band 8 - 6875~7125MHz

WIFI 802.11ax HEW20 Full (Harmonic @ 3m)

| WIFI Ant. 11+8 | Note | Frequency (MHz) | Level (dBμV/m) | Over Limit (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|------------------------------------|---|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HEW20 Full CH 229 7095MHz | | 14190 | 48.69 | -39.51 | 88.2 | 53.06 | 41.27 | 19.97 | 65.61 | 100 | 0 | P | H | |
| | | 21285 | 36.99 | -37.01 | 74 | 56.65 | 38.33 | -3.29 | 54.7 | 100 | 0 | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 14190 | 49.66 | -38.54 | 88.2 | 54.03 | 41.27 | 19.97 | 65.61 | 100 | 0 | P | V |
| | | | 21285 | 36.7 | -37.3 | 74 | 56.36 | 38.33 | -3.29 | 54.7 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



Band 5 - Emission below 1GHz

WIFI 802.11ax HEW80 Full (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|------------------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW80 Full LF | | 89.17 | 28.29 | -15.21 | 43.5 | 44.88 | 14.54 | 1.38 | 32.51 | - | - | P | H | |
| | | 161.92 | 26.48 | -17.02 | 43.5 | 40.86 | 16.24 | 1.9 | 32.52 | - | - | P | H | |
| | | 287.05 | 22.65 | -23.35 | 46 | 33.44 | 18.9 | 2.49 | 32.18 | - | - | P | H | |
| | | 745.86 | 29.21 | -16.79 | 46 | 29.34 | 27.97 | 3.93 | 32.03 | - | - | P | H | |
| | | 888.45 | 31.31 | -14.69 | 46 | 29.12 | 29.16 | 4.28 | 31.25 | 100 | 0 | P | H | |
| | | 976.72 | 31.83 | -22.17 | 54 | 26.98 | 31.06 | 4.49 | 30.7 | - | - | P | H | |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | 46.49 | 33.16 | -6.84 | 40 | 48.95 | 15.73 | 1.01 | 32.53 | 100 | 0 | P | V |
| | | | 89.17 | 28.24 | -15.26 | 43.5 | 44.83 | 14.54 | 1.38 | 32.51 | - | - | P | V |
| | | | 244.37 | 27.51 | -18.49 | 46 | 40.01 | 17.53 | 2.33 | 32.36 | - | - | P | V |
| | | | 396.66 | 28.94 | -17.06 | 46 | 36.1 | 21.71 | 2.91 | 31.78 | - | - | P | V |
| | | | 515.97 | 26.93 | -19.07 | 46 | 32.02 | 23.93 | 3.27 | 32.29 | - | - | P | V |
| | | 957.32 | 31.81 | -14.19 | 46 | 27.16 | 31.02 | 4.46 | 30.83 | - | - | P | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. | | | | | | | | | | | | | |



Band 6 - Emission below 1GHz

WIFI 802.11ax HEW20 Full (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|------------------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW20 Full LF | | 81.41 | 28.29 | -11.71 | 40 | 46.03 | 13.47 | 1.31 | 32.52 | 100 | 0 | P | H | |
| | | 161.92 | 26.03 | -17.47 | 43.5 | 40.41 | 16.24 | 1.9 | 32.52 | - | - | P | H | |
| | | 244.37 | 21.57 | -24.43 | 46 | 34.07 | 17.53 | 2.33 | 32.36 | - | - | P | H | |
| | | 345.25 | 23.37 | -22.63 | 46 | 32.47 | 20.17 | 2.7 | 31.97 | - | - | P | H | |
| | | 885.54 | 32.68 | -13.32 | 46 | 30.49 | 29.17 | 4.28 | 31.26 | - | - | P | H | |
| | | 960.23 | 33.3 | -20.7 | 54 | 28.51 | 31.14 | 4.46 | 30.81 | - | - | P | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 46.49 | 29.79 | -10.21 | 40 | 45.58 | 15.73 | 1.01 | 32.53 | - | - | P | V |
| | | | 81.41 | 30.81 | -9.19 | 40 | 48.55 | 13.47 | 1.31 | 32.52 | 100 | 0 | P | V |
| | | | 161.92 | 23.98 | -19.52 | 43.5 | 38.36 | 16.24 | 1.9 | 32.52 | - | - | P | V |
| | | | 237.58 | 24.82 | -21.18 | 46 | 38.18 | 16.74 | 2.29 | 32.39 | - | - | P | V |
| | | | 612 | 24.94 | -21.06 | 46 | 28.69 | 25.54 | 3.55 | 32.84 | - | - | P | V |
| | | | 893.3 | 30.48 | -15.52 | 46 | 28.27 | 29.13 | 4.31 | 31.23 | - | - | P | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. | | | | | | | | | | | | | |



Band 7 - Emission below 1GHz

WIFI 802.11ax HEW160 Full (LF @ 3m)

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|-------------------------------|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ax HEW160 Full LF | | 81.41 | 28.11 | -11.89 | 40 | 45.85 | 13.47 | 1.31 | 32.52 | 100 | 0 | P | H | |
| | | 90.14 | 28.05 | -15.45 | 43.5 | 44.59 | 14.59 | 1.38 | 32.51 | - | - | P | H | |
| | | 161.92 | 26.41 | -17.09 | 43.5 | 40.79 | 16.24 | 1.9 | 32.52 | - | - | P | H | |
| | | 176.47 | 24.8 | -18.7 | 43.5 | 40.39 | 14.96 | 1.98 | 32.53 | - | - | P | H | |
| | | 400.54 | 21.49 | -24.51 | 46 | 28.5 | 21.84 | 2.92 | 31.77 | - | - | P | H | |
| | | 772.05 | 29.41 | -16.59 | 46 | 29.12 | 28.14 | 3.97 | 31.82 | - | - | P | H | |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | 40.67 | 32.09 | -7.91 | 40 | 44.75 | 18.91 | 0.93 | 32.5 | 100 | 0 | P | V |
| | | | 62.01 | 30.32 | -9.68 | 40 | 49.99 | 11.72 | 1.15 | 32.54 | - | - | P | V |
| | | | 88.2 | 29.03 | -14.47 | 43.5 | 45.77 | 14.4 | 1.37 | 32.51 | - | - | P | V |
| | | | 162.89 | 25.56 | -17.94 | 43.5 | 40.09 | 16.1 | 1.9 | 32.53 | - | - | P | V |
| | | | 716.76 | 27.73 | -18.27 | 46 | 29.25 | 26.92 | 3.82 | 32.26 | - | - | P | V |
| | | | 887.48 | 31.38 | -14.62 | 46 | 29.18 | 29.17 | 4.28 | 31.25 | - | - | P | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against 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 | Peak or Average |
| H/V | Horizontal or Vertical |



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

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 11+8 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) |
| 802.11b | | 2390 | 55.45 | -18.55 | 74 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| CH 01 | | | | | | | | | | | | | |
| 2412MHz | | 2390 | 43.54 | -10.46 | 54 | 42.6 | 32.22 | 4.58 | 35.86 | 103 | 308 | A | H |

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix D. Radiated Spurious Emission Plots

| | | | |
|-----------------|--------------------------------------|---------------------|-------------|
| Test Engineer : | Bill Cheng, Fu Chen, and Troye Hsieh | Temperature : | 18.8~24.0°C |
| | | Relative Humidity : | 33.2~66.1% |

Note symbol

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

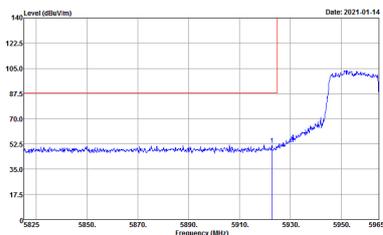
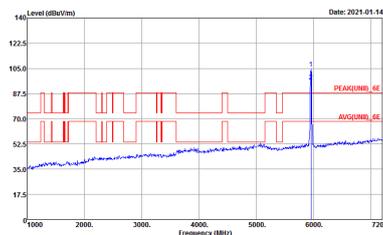
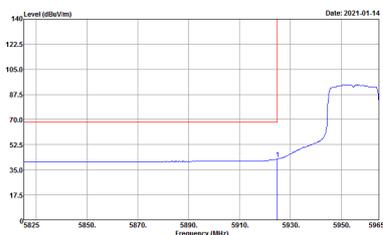


Band 5 - 5925~6425MHz

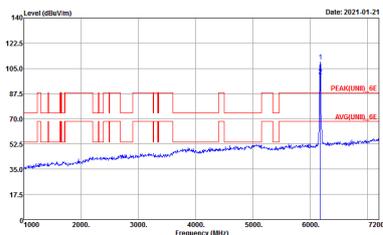
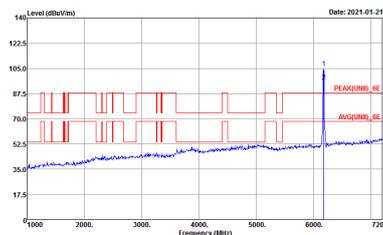
WIFI 802.11ax HEW20 Full (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|------|---|--|
| ANT | 802.11ax HEW20 Full CH1 5955MHz | |
| 11+8 | Horizontal | Fundamental |
| Peak | <p>Site : 03CHI1-HY Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CHI1-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |
| Avg. | <p>Site : 03CHI1-HY Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | Left blank |

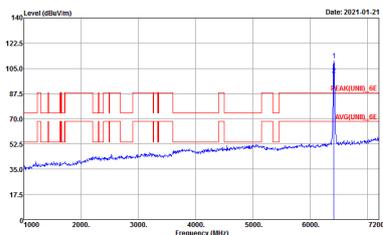
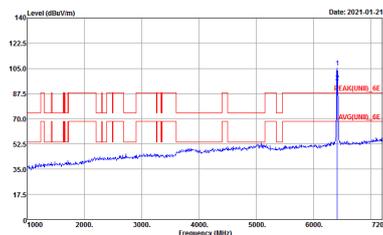


| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|---|---|
| ANT | 802.11ax HEW20 Full CH1 5955MHz | |
| 11+8 | Vertical | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |
| <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Left blank</p> |



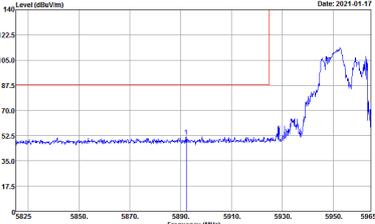
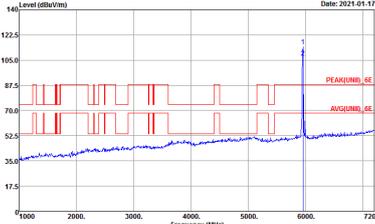
| | | |
|----------------------|--|---|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW20 CH45 6175MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 91200-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 91200-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |



| | | |
|----------------------|--|---|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW20 CH93 6415MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |



Band 5 5925~6425MHz
WIFI 802.11ax HEW20 Partial 106 (Band Edge @ 3m)

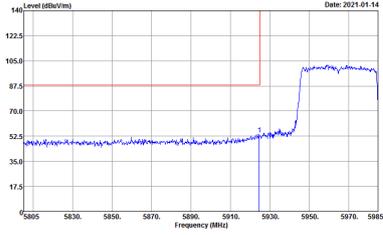
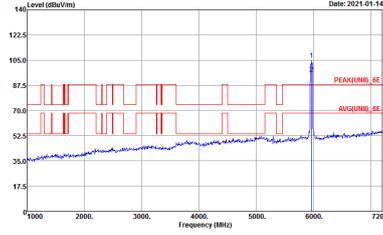
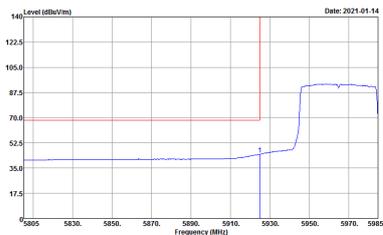
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|--|---|
| ANT | 802.11ax HEW20 Partial 106/53 CH1 5955MHz | |
| 11+8 | Horizontal | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |
| <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | <p align="center">Left blank</p> |



| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|---|--|
| ANT | 802.11ax HEW20 Partial 106/53 CH1 5955MHz | |
| 11+8 | Vertical | Fundamental |
| <p>Peak</p> | <p>Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |
| <p>Avg.</p> | <p>Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Left blank</p> |



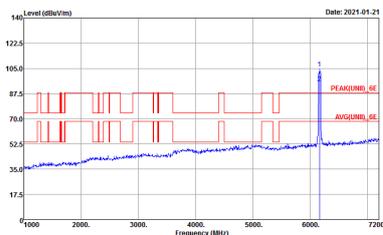
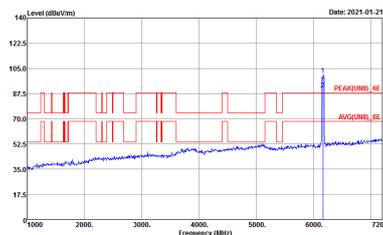
Band 5 5925~6425MHz
WIFI 802.11ax HEW40 Full (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|-------------|---|---|
| ANT | 802.11ax HEW40 Full CH3 5965MHz | |
| 11+8 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 110703</p> |
| Avg. |  <p>Site : 03CH11-HY Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | Left blank |

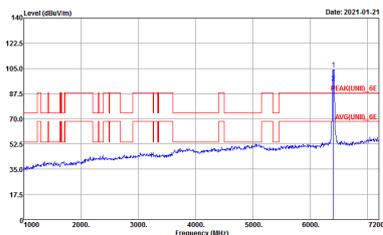
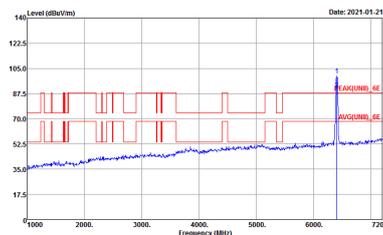


| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|---|--|
| ANT | 802.11ax HEW40 Full CH3 5965MHz | |
| 11+8 | Vertical | Fundamental |
| <p>Peak</p> | <p>Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |
| <p>Avg.</p> | <p>Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Left blank</p> |



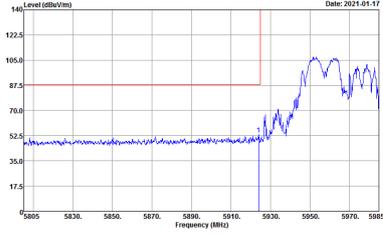
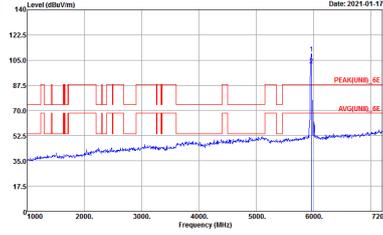
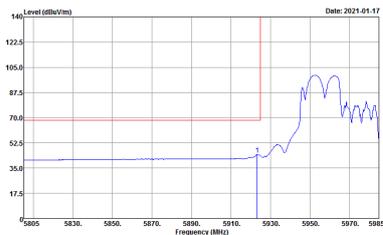
| | | |
|-------------------------|--|---|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW40 CH43 6165MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |



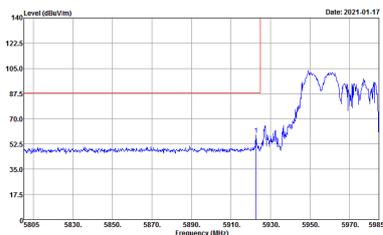
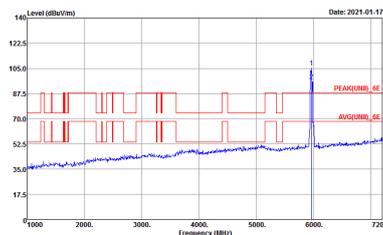
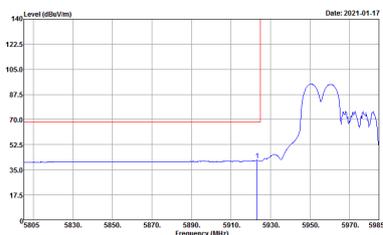
| | | |
|---------------------------------------|--|---|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW40 CH91 6405MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |



Band 5 5925~6425MHz
WIFI 802.11ax HEW40 Partial 242 (Band Edge @ 3m)

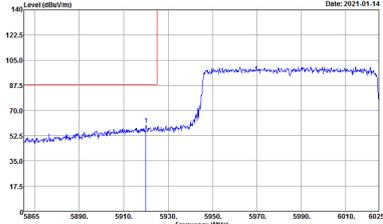
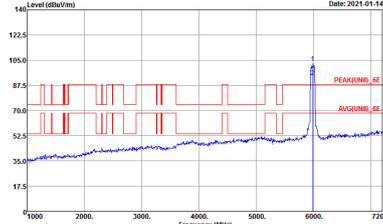
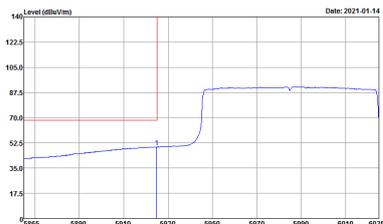
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|-------------|---|--|
| ANT | 802.11ax HEW40 Partial 242/61 CH3 5965MHz | |
| 11+8 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT1)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |
| Avg. |  <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | Left blank |



| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|---|---|
| ANT | 802.11ax HEW40 Partial 242/61 CH3 5965MHz | |
| 11+8 | Vertical | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |
| <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Left blank</p> |



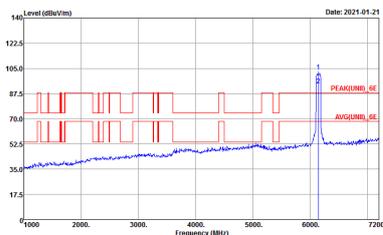
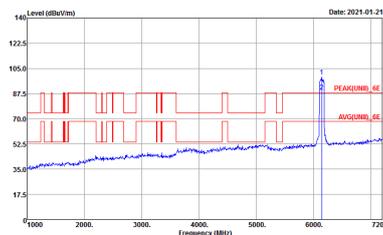
Band 5 5925~6425MHz
WIFI 802.11ax HEW80 Full (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|-------------|--|---|
| ANT | 802.11ax HEW80 Full CH7 5985MHz | |
| 11+8 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |
| Avg. |  <p>Site : 03CH11-HY Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | Left blank |



| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|---|--|
| ANT | 802.11ax HEW80 Full CH7 5985MHz | |
| 11+8 | Vertical | Fundamental |
| <p>Peak</p> | <p>Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |
| <p>Avg.</p> | <p>Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Left blank</p> |



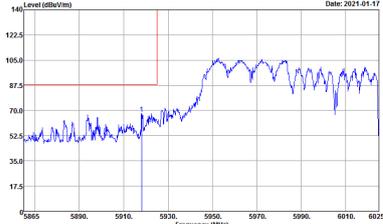
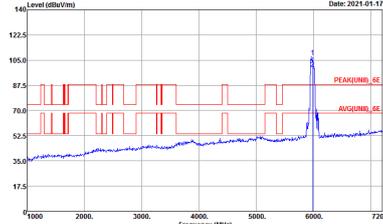
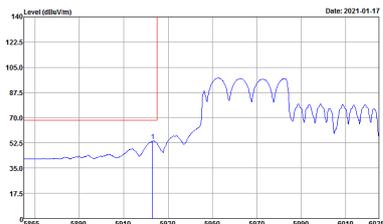
| | | |
|----------------------|--|---|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW80 CH39 6145MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |



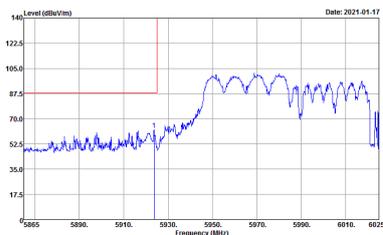
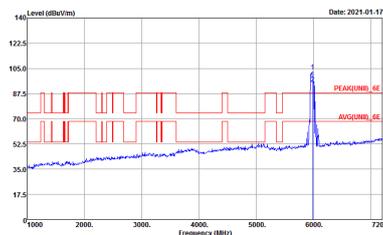
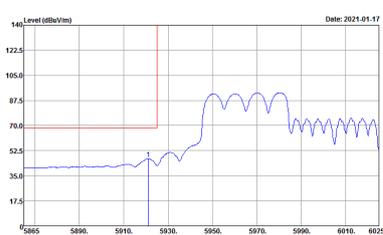
| | | |
|----------------------|--|--|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW80 CH87 6385MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |



Band 5 5925~6425MHz
WIFI 802.11ax HEW80 Partial 484 (Band Edge @ 3m)

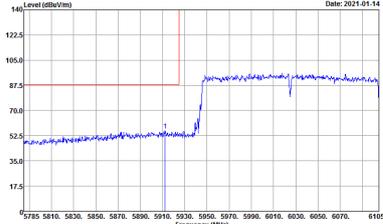
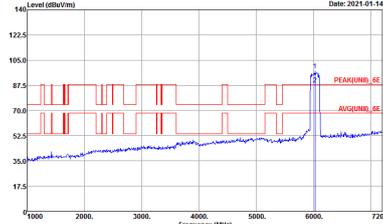
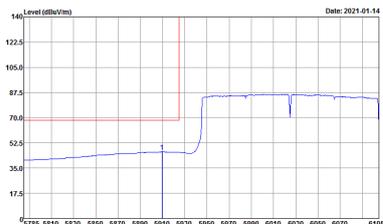
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|--|---|
| ANT | 802.11ax HEW80 Partial 484/65 CH7 5985MHz | |
| 11+8 | Horizontal | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |
| <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | <p align="center">Left blank</p> |



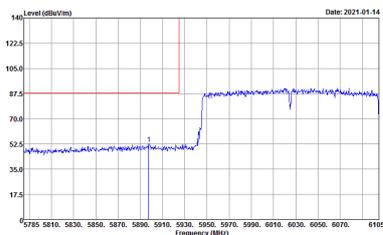
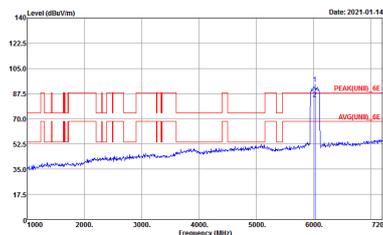
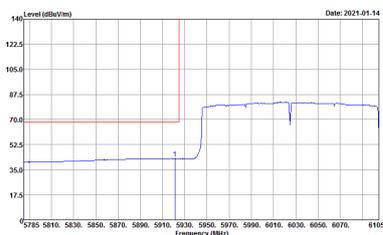
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|---|---|
| ANT | 802.11ax HEW80 Partial 484/65 CH7 5985MHz | |
| 11+8 | Vertical | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |
| <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Left blank</p> |



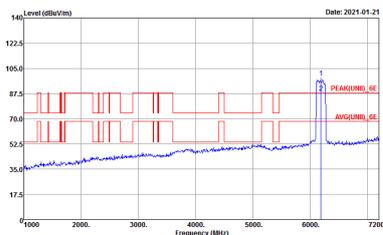
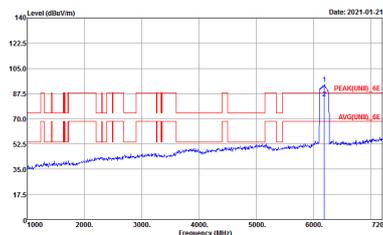
Band 5 5925~6425MHz
WIFI 802.11ax HEW160 Full (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|-------------|--|---|
| ANT | 802.11ax HEW160 CH15 6025MHz | |
| 11+8 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |
| Avg. |  <p>Site : 03CH11-HY Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | Left blank |

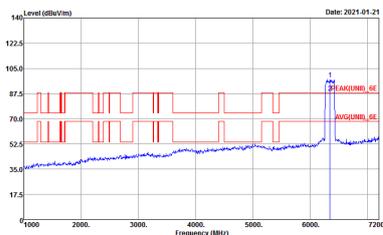
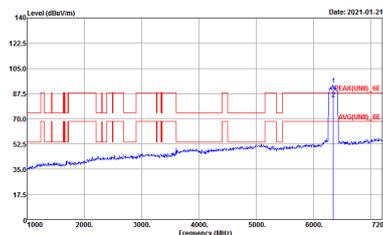


| | | |
|------|---|---|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW160 CH15 6025MHz | |
| 11+8 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |
| Avg. |  <p>Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 110703</p> | Left blank |



| | | |
|----------------------|--|---|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW160 CH47 6185MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 91200-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 91200-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |



| | | |
|---------------------------------------|---|--|
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW160 CH79 6345MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNB)_6E 3m HORN 91200-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNB)_6E 3m HORN 91200-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |



Band 5 5925~6425MHz
WIFI 802.11ax HEW160 Partial 996 (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|-------------|---|--|
| ANT | 802.11ax HEW160 Partial 996/67 CH15 6025MHz | |
| 11+8 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> |
| Avg. | <p>Site : 03CH11-HY Condition : AVG_BE(UNIT)_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | Left blank |



| WIFI | Band 5 5925~6425MHz Band Edge @ 3m | |
|--------------------|---|--|
| ANT | 802.11ax HEW160 Partial 996/67 CH15 6025MHz | |
| 11+8 | Vertical | Fundamental |
| <p>Peak</p> | <p>Site : 03CH11-HY Condition : PEAK_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 110703</p> |
| <p>Avg.</p> | <p>Site : 03CH11-HY Condition : AVG_BE(UNII)_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 110703</p> | <p>Left blank</p> |



Band 5 - 5925~6425MHz
WIFI 802.11ax HEW20 Full (Harmonic @ 3m)

| | | |
|----------------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW20 Full CH1 5955MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-4Y Condition : PEAK(UNIT1)_6E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-4Y Condition : PEAK(UNIT1)_6E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



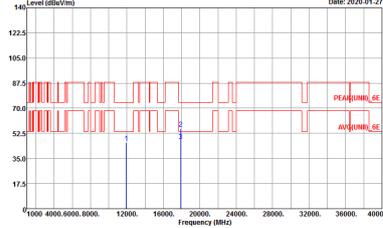
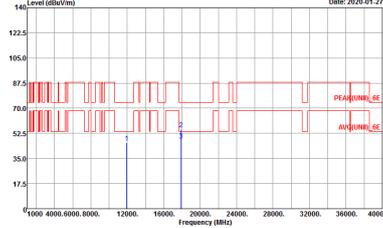
| | | |
|----------------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW20 Full CH45 6175MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



| | | |
|----------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW20 Full CH93 6415MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



**Band 5 5925~6425MHz
WIFI 802.11ax HEW40 Full (Harmonic @ 3m)**

| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
|---------------------------------------|---|--|
| ANT | 802.11ax HEW40 Full CH3 5965MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



| | | |
|----------------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW40 Full CH43 6165MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



| | | |
|----------------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW40 Full CH91 6405MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



Band 5 5925~6425MHz
WIFI 802.11ax HEW80 Full (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Contains spectral plots and metadata for Peak and Avg. measurements. Includes site information: 03CH11-HY, Condition: PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL, Detector: Peak, Project: 110703.



| | | |
|----------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW80 Full CH39 6145MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



| | | |
|----------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW80 Full CH7 6385MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



Band 5 5925~6425MHz
WIFI 802.11ax HEW160 Full (Harmonic @ 3m)

| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
|---------------------------------------|--|--|
| ANT | 802.11ax HEW160 Full CH15 6025MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



| | | |
|----------------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW160 Full CH47 6185MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |



| | | |
|----------------------------|---|---|
| WIFI | Band 5 5925~6425MHz Harmonic @ 3m | |
| ANT | 802.11ax HEW160 Full CH79 6345MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK(UNIT)_0E 1m SHF ANT_9170_00994 VERTICAL Detector : Peak Project : 110703</p> |

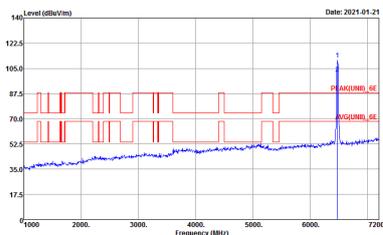
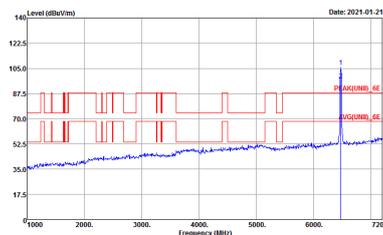


Band 6 - 6425~6525MHz

WIFI 802.11ax HEW20 Full (Band Edge @ 3m)

| | | |
|--------------|--|--|
| WIFI | Band 6 6425~6525MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW20 Full CH97 6435MHz | |
| 11+8 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 HORIZONTAL Detector : Peak Project : 110703</p> | <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 VERTICAL Detector : Peak Project : 110703</p> |



| | | |
|---------------------------------------|--|---|
| WIFI | Band 6 6425~6525MHz Band Edge @ 3m | |
| ANT | 802.11ax HEW20 Full CH105 6475MHz | |
| 11+8 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |  <p>Site : 03CH11-HY Condition : PEAK[UNII]_6E 3m HORN 9120D-HF_1326 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 110703</p> |