FCC RADIO TEST REPORT

FCC ID	**:**	**2AEM4-71213573**
Equipment	**:**	**Wireless router/access point**
Brand Name	**:**	**eero**
Model Name	**:**	**S010001**
Applicant	**:**	**eero LLC** **660 3rd Street, 4th Floor, San Francisco, CA 94107**
Manufacturer	**:**	**eero LLC** **660 3rd Street, 4th Floor, San Francisco, CA 94107**
Standard	**:**	**FCC Part 15 Subpart E §15.407**

The product was received on Aug. 10, 2021 and testing was started from Aug. 11, 2021 and completed on Nov. 02, 2021. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (USA) Inc., the test report shall not be reproduced except in full.

Approved by: Neil Kao

Sporton International (USA) Inc.
1175 Montague Expressway, Milpitas, CA 95035

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History of this test report

Report No.	Version	Description	Issue Date
FR210727001F	01	Initial issue of report	Nov. 18, 2021
FR210727001F	02	Revise some content of descriptions	Dec. 16, 2021
FR210727001F	03	Revise Appendix C and Appendix D typo	Mar. 03, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(e)	6dB & 26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum E.I.R.P Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 1.15 dB at 18000.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 9.88 dB at 0.492 MHz
3.6	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Product Feature of Equipment Under Test

The EUT is an indoor AP with radios including Bluetooth - LE, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac/ax, 802.15.4 (Zigbee), equipped with integrated antennas configured below:

Antenna configuration	
Antenna Type	**WLAN 2.4GHz** <Ant. 6>: Flexible PCB Antenna <Ant. 3>: Flexible PCB Antenna **WLAN 5GHz** <Ant. 4>: Flexible PCB Antenna <Ant. 5>: Flexible PCB Antenna **Bluetooth**: Flexible PCB Antenna **Zigbee**: Flexible PCB Antenna
Device Type for UNII-4	**Indoor AP**

Antenna information		
5850 MHz ~ 5895 MHz	Peak Gain (dBi)	<Ant. 4>: 4.70 <Ant. 5>: 5.40

Remark: The above EUT's information is declared by the manufacturer. Please refer to Comments and Explanations in report summary.

Specification of Accessories				
Adapter 1	**Brand Name**	eero	**Model Name**	C210001
Adapter 2	**Brand Name**	eero	**Model Name**	C210003
Adapter 3	**Brand Name**	eero	**Model Name**	C210004
Adapter 4	**Brand Name**	eero	**Model Name**	C210005

Remark: The manufacturer declares that all the power supplies listed are electrically identical from one another, the only difference between all the models are the plugs designed for use in different countries. All the test is performed with only one power supply, model C210001 as shown in this report.

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	Sporton International (USA) Inc.
Test Site Location	1175 Montague Expressway, Milpitas, CA 95035 TEL : 408 9043300
Test Site No.	**Sporton Site No.**
	TH01-CA, CO01-CA, 03CH02-CA

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

1.4 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- FCC KDB 291074 D02 EMC Measurement v01(Draft)
- ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

Radiated measurements are performed in one orientation which is plane X according to the prescribed placement of the device in normal operation declared by the manufacturer.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Bandwidth	Channel	Frequency (MHz)	Note
5850-5895 MHz (U-NII-4)	20 MHz	169	5845	Straddle
		173	5865	
		177	5885	
	40 MHz	167	5835	Straddle
		175	5875	
	80 MHz	171	5855	Straddle
	160 MHz	163	5815	Straddle

Note: The channel noted with “straddle” spans 5.725-5.850 GHz and 5.850-5.895 GHz.

2.2 Test Mode

All modulation schemes/data rate are verified by conducted power test case, and the modulation schemes with highest power is used for all test cases. The final test items are considering the modulation schemes and the worst data rates as the table below.

The manufacturer declares that this product would only operate in 2Tx CDD mode, hence all the test cases are performed as instructed.

Specification	MCS index /Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ac VHT80 (Covered by HE80)	MCS0
802.11ac VHT160 (Covered by HE160)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

Note: The 802.11ax covers the 802.11n and 11ac due to same modulation family scheme. For 802.11ax, only full resource unit assignment mode is tested since EUT doesn't support partial resource unit assignment mode.

RF test channels are listed in the following table:

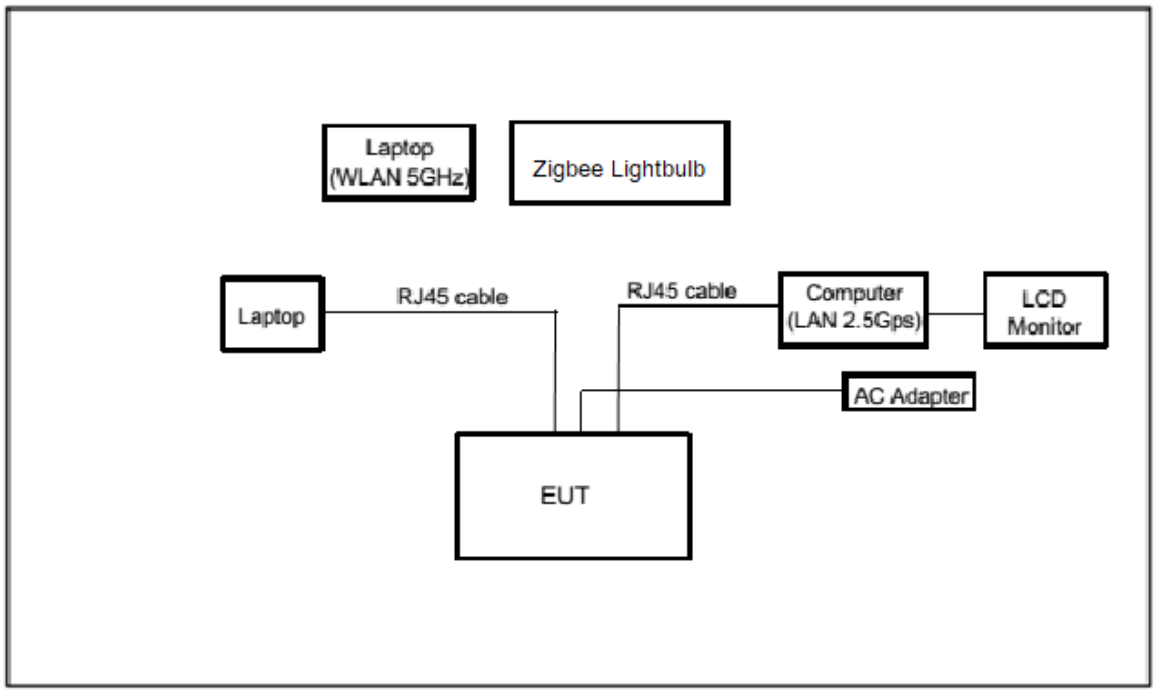
Ch. #		RF test channel of UNII-4 and UNII-3 &-4 span channels				
		802.11a	802.11ax HE20	802.11ax HE40	802.11ax HE80	802.11ax HE160
L	Low	169	169	167	-	-
M	Middle	173	173	-	171	163
H	High	177	177	175	-	-

AC Conducted Emission Test Cases is listed in the following table:

AC Conducted Emission Test Cases
Mode 1 : WLAN (5GHz) Link + Zigbee Link + LAN 1 Link + LAN 2 Link + Charging from Adapter

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



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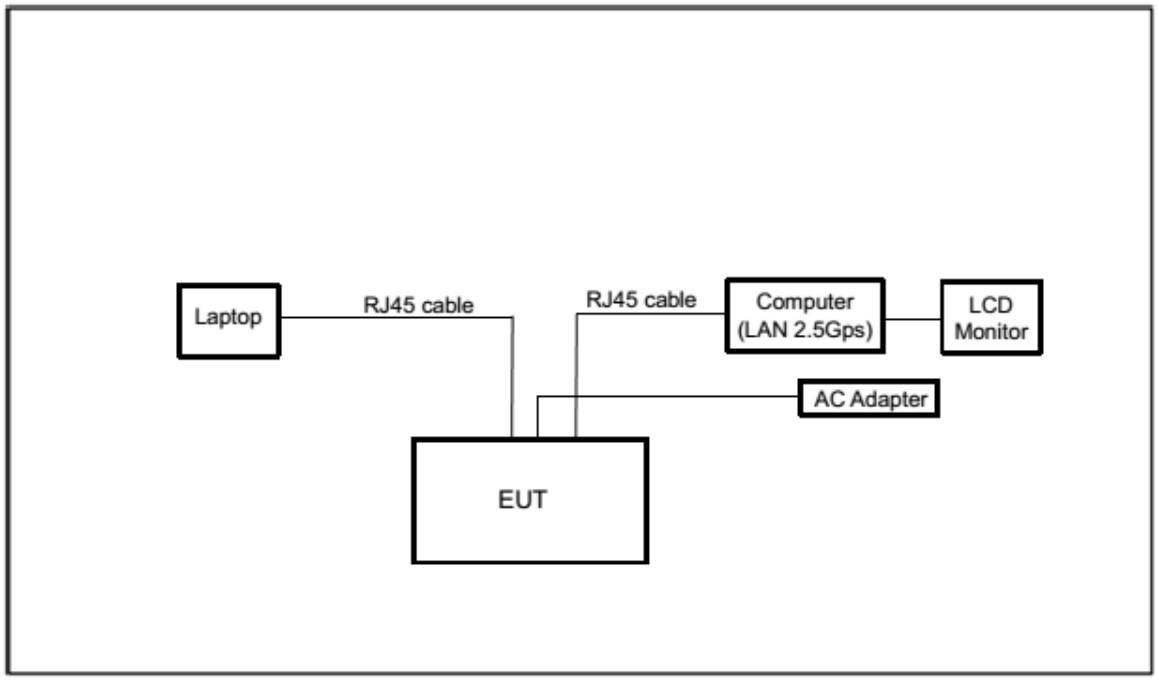


2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	Acer	PS548 G1	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	HP	14-dq1043cl	TX2-RTL8822CE	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Notebook	ThinkPad	ThinkPad X1 Carbon Gen 8	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Computer	Fractal	FD-C-DEF7A-01 (NETINTX550TR Intel X550T2BLK)	FCC DoC	N/A	Unshielded, 1.2m
5.	LCD Monitor	Samsung	LS27E310HZG/ZA	FCC DoC	N/A	Unshielded, 1.2m
6.	LightBulb for Zigbee	Philips	Hue	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT4:4.0.00189.0” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

3.1.2 Measuring Instruments

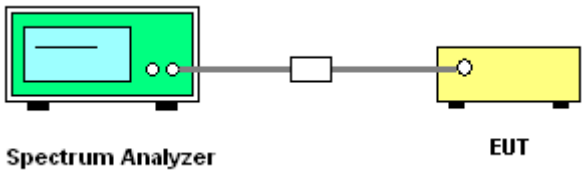
See list of measuring equipment of this test report.

3.1.3 Test Procedures

The testing follows FCC KDB 291074 D02 EMC Measurement v01 (Draft) Section 2.11 Minimum Emission bandwidth

1. Set RBW = 100 kHz.
2. Set the VBW ≥ 3 x RBW.
3. Detector = Peak.
4. Trace mode = max hold
5. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
6. Measure and record the results in the test report.

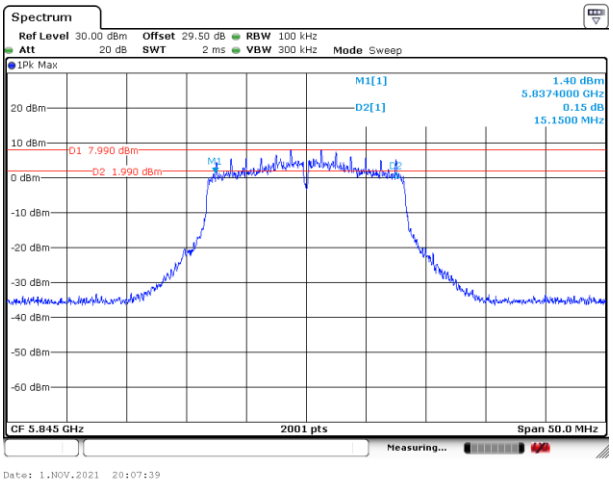
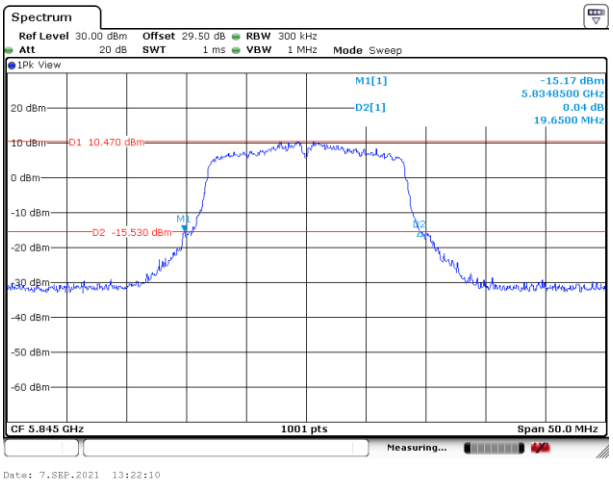
3.1.4 Test Setup



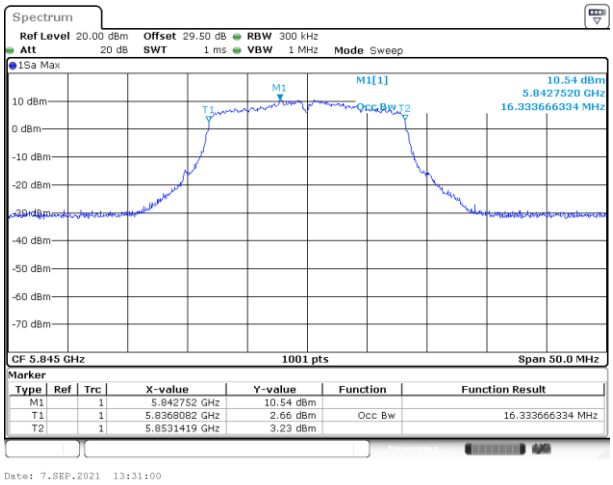
3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

802.11a CH169

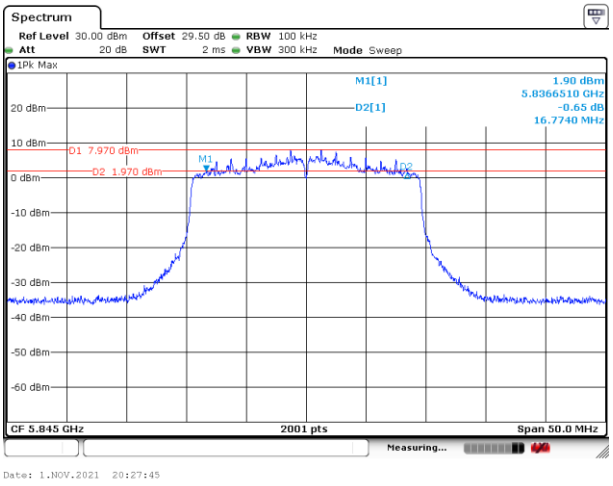
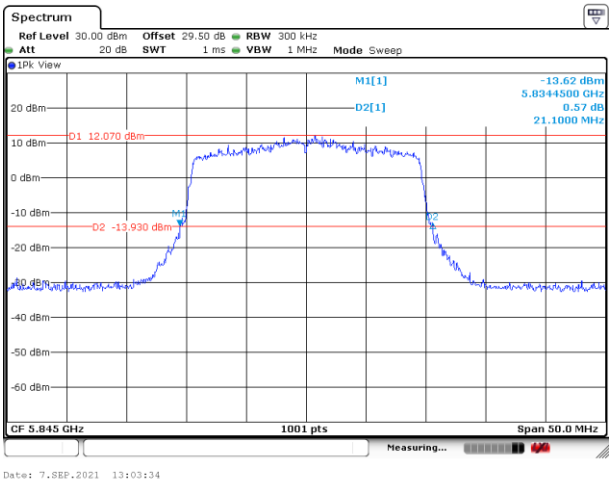
6dB Bandwidth	26dB Bandwidth
	

Occupied Bandwidth

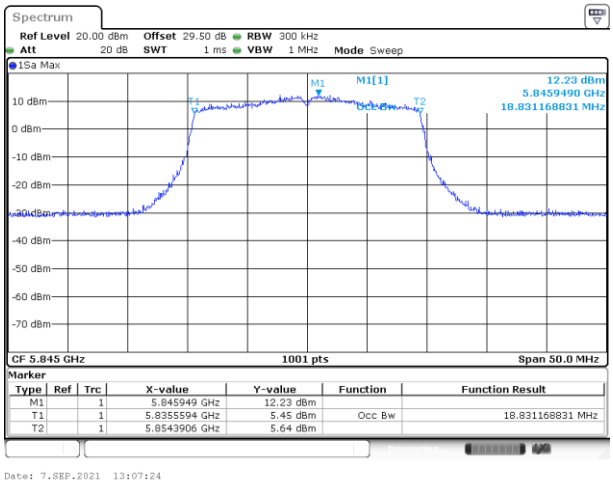


Note: The occupied channel bandwidth is maintained within the band of operation.

802.11ax HE20 CH169

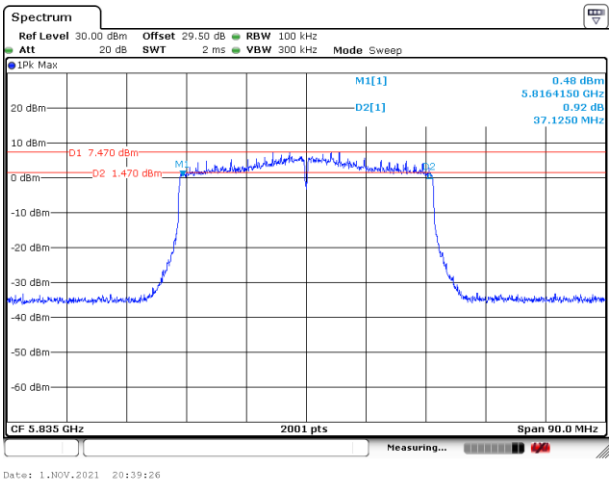
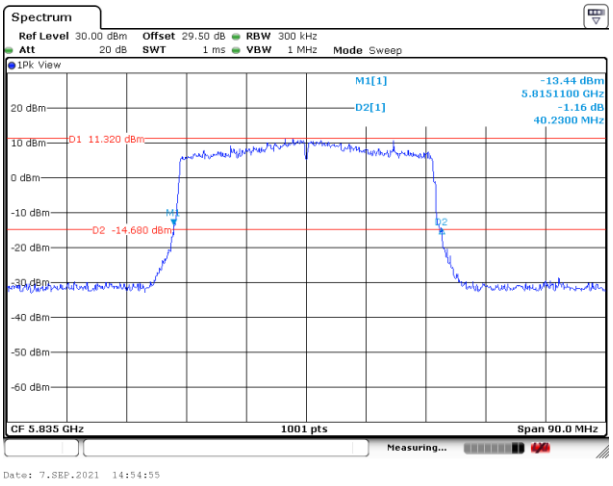
6dB Bandwidth	26dB Bandwidth
	

Occupied Bandwidth

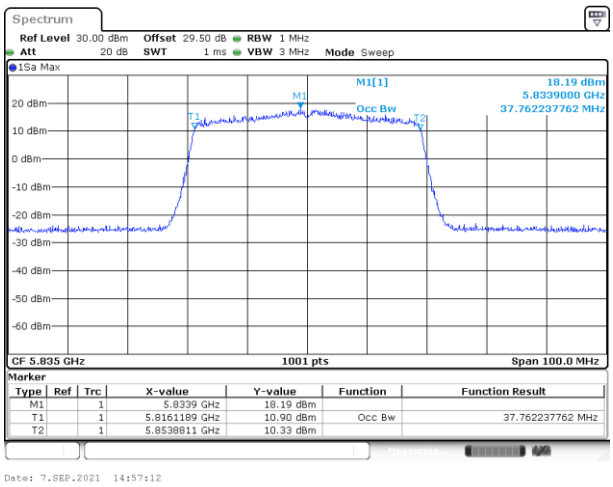


Note: The occupied channel bandwidth is maintained within the band of operation.

802.11ax HE40 CH167

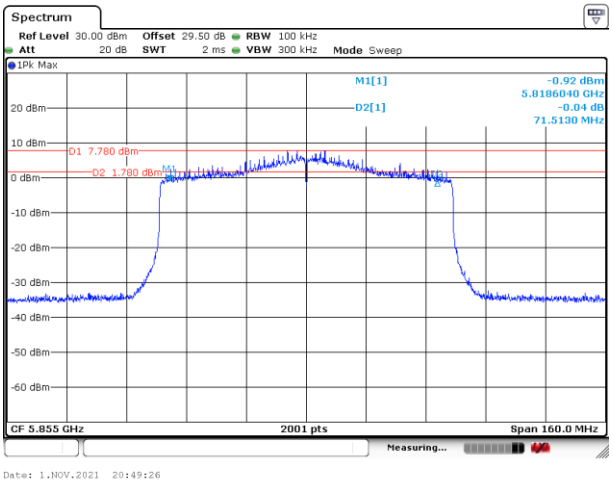
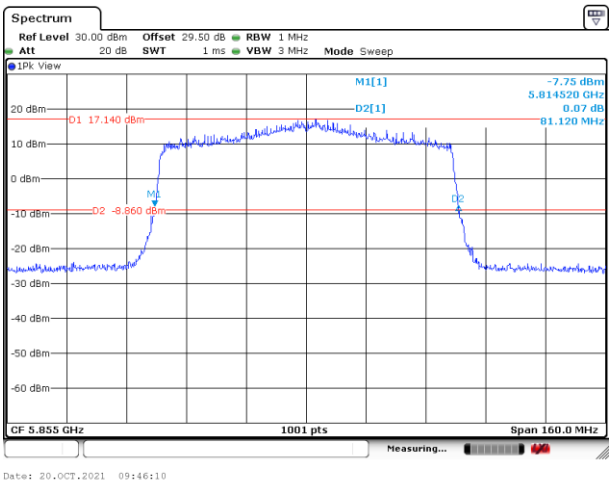
6dB Bandwidth	26dB Bandwidth
	

Occupied Bandwidth

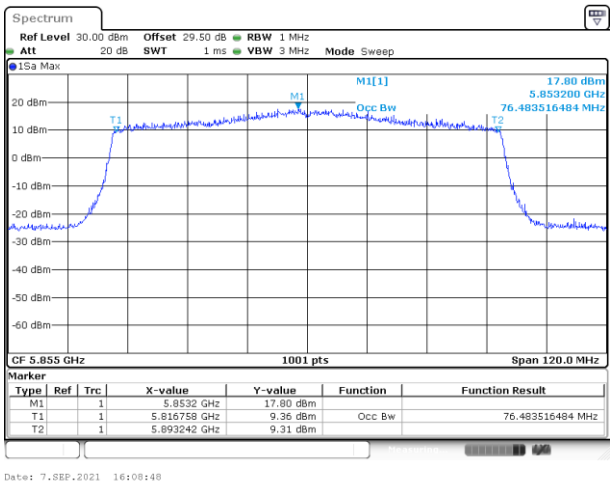


Note: The occupied channel bandwidth is maintained within the band of operation.

802.11ax HE80 CH171

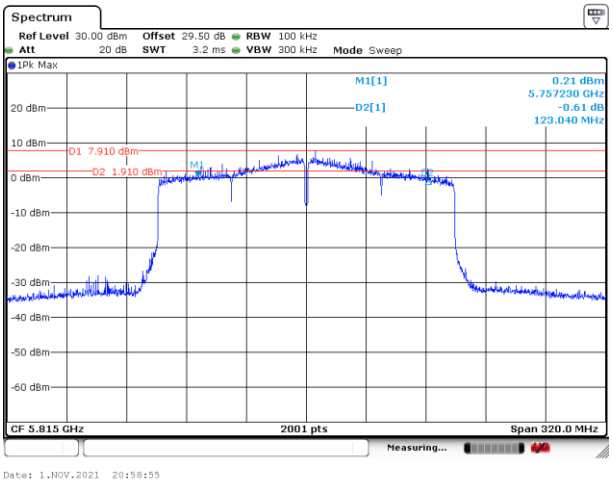
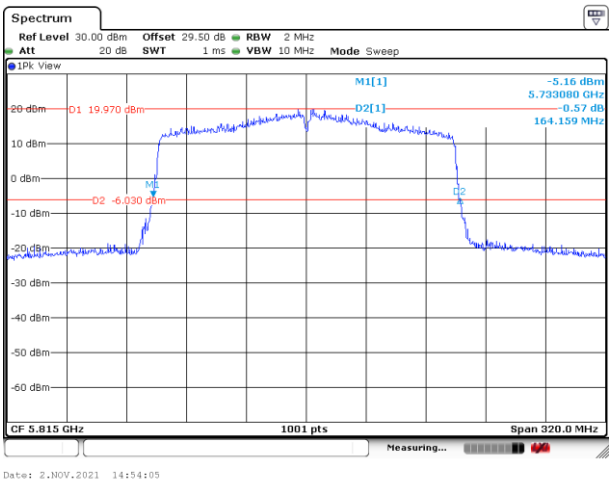
6dB Bandwidth	26dB Bandwidth
	

Occupied Bandwidth

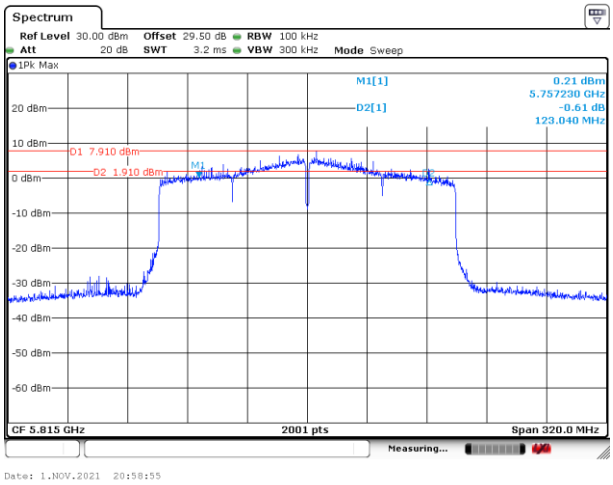


Note: The occupied channel bandwidth is maintained within the band of operation.

802.11ax HE160 CH163

6dB Bandwidth	26dB Bandwidth
	

Occupied Bandwidth



Note: The occupied channel bandwidth is maintained within the band of operation.

3.2 Maximum E.I.R.P Output Power Measurement

3.2.1 Limit of Maximum E.I.R.P Output Power

For an indoor access point operating in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

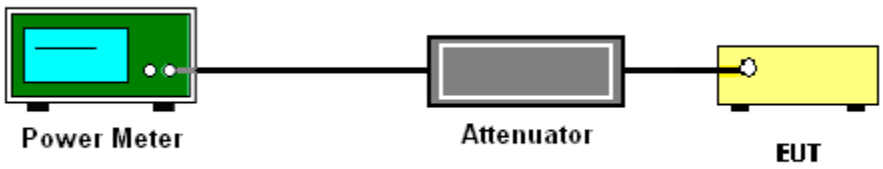
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For an indoor access point operating in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p. in any 1-megahertz band.

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

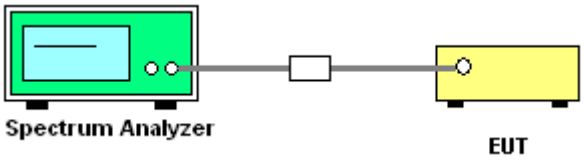
 # Method SA-3 #

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

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz.
- Set VBW ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
  Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

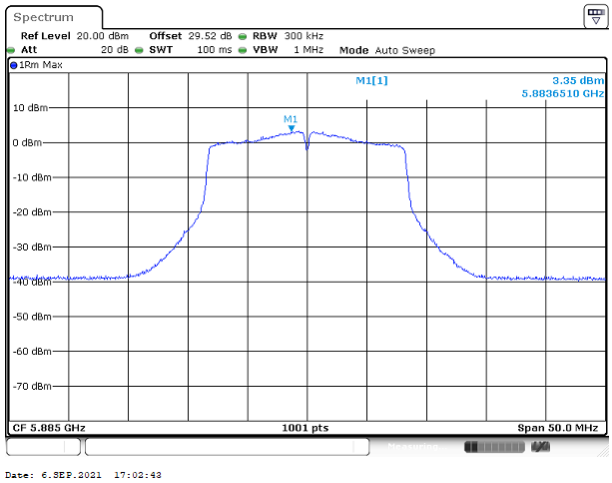
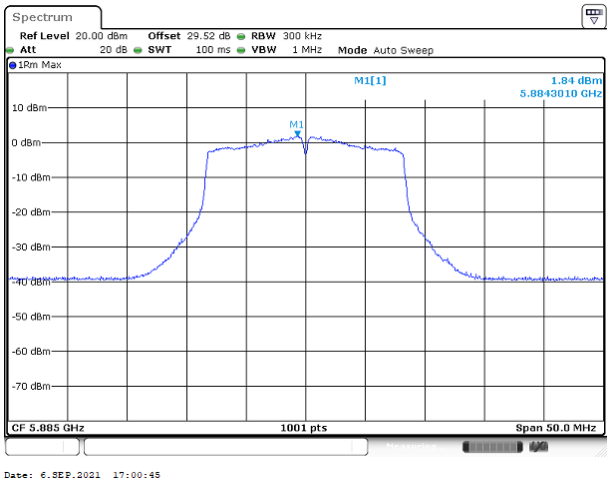
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. The PSD result should be added with 10*log(1 MHz/RBW) and recorded on the report.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
   Method (c): Measure and add 10 log(N_{ANT}) dB.
   With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit.

3.3.4 Test Setup

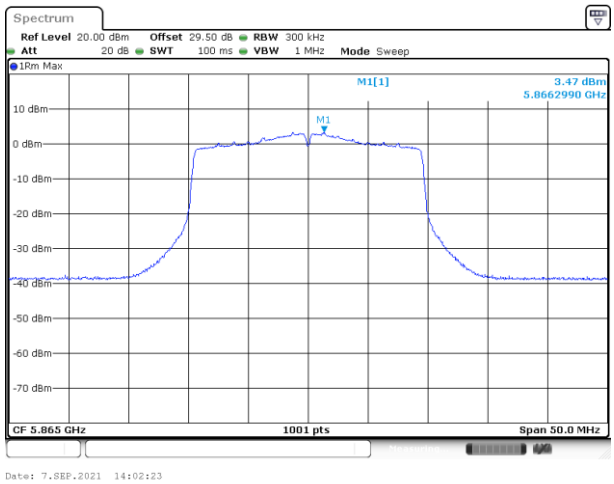
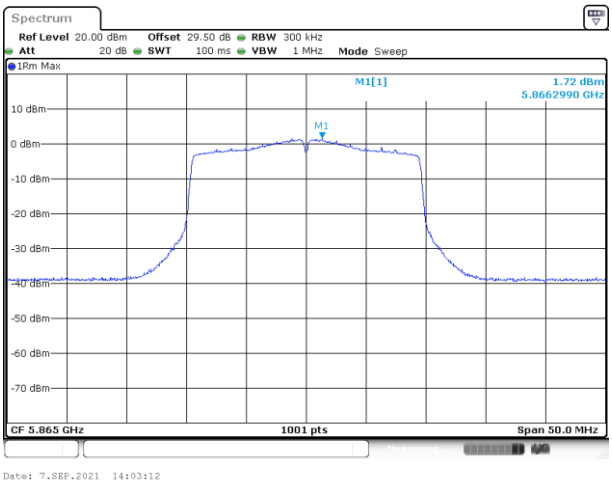


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density without RBW correction factor 802.11a CH177	
MIMO Ant. 4	MIMO Ant. 5
	

<802.11ax Mode>

Worst Case Power Density without RBW correction factor 802.11ax HE20 CH173	
MIMO Ant. 4	MIMO Ant. 5
	

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

(2) For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:

15.407(b)(5)(i), all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of −7 dBm/MHz at or above 5.925 GHz.

All emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

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

Use guidance in KDB Publication 789033 for all measurements. Unwanted emissions outside of restricted bands are measured with an 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.

Unwanted band-edge emissions may be measured using the integration method as described in KDB Publication 789033 3. d) (ii). Emissions below 5725 MHz should be measured using peak-detection while emission above 5895 MHz should be measured using average.

Frequency(GHz)	EIRP (dBm)	Field Strength @3m distance (dBuV/m)	Note
Below 5.65	-27dBm/MHz	68.2	Peak
5.7	10dBm/MHz	105.2	Peak
5.72	15.6dBm/MHz	110.8	Peak
5.725	27dBm/MHz	122.2	Peak
5.895	15dBm/MHz	110.2	Average
5.895	35dBm/MHz	130.2	Peak
Above 5.925	-7dBm/MHz	88.2	Average
Above 5.925	13dBm/MHz	108.2	Peak

Note: Field strength at 3 m distance is converted to EIRP as the following equation:

$$EIRP[dBm] = E[dB\mu V/m] - 95.2$$

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

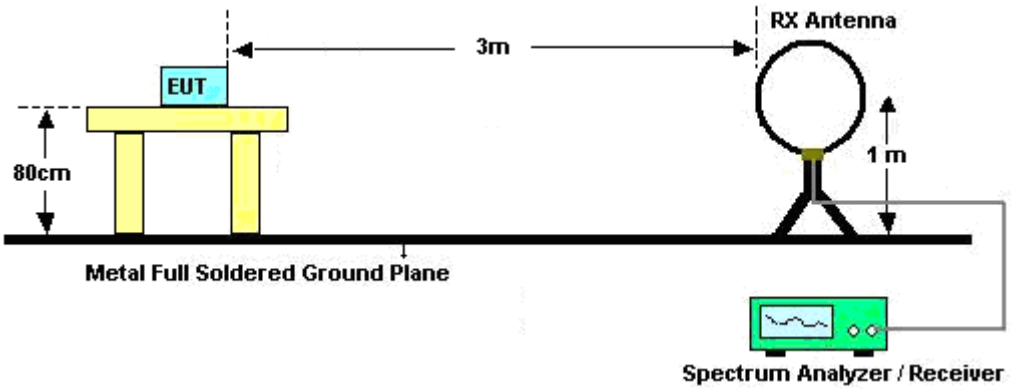
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

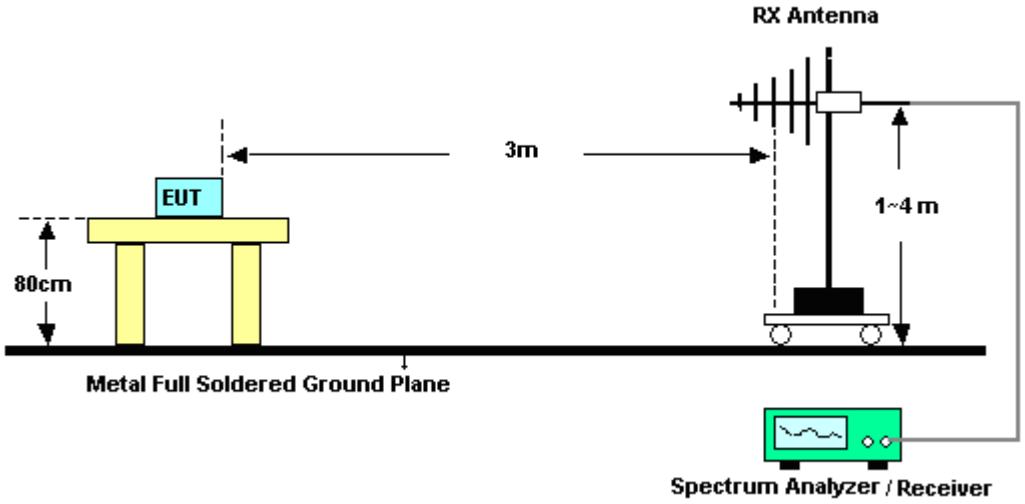
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was placed at distance 3 meter from measurement antenna which was mounted on the top of a variable height antenna tower.
4. The measurement antenna 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.
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. Radiated testing below 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0 degree to 360 degree to find the peak maximum hold reading.
   When there is no suspected emission found and the emission level is with at least 6dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0 degree to 360 degree to find the peak maximum hold reading for scanning all frequencies.
   When there is no suspected emission found and the harmonic emission level is with at least 6dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

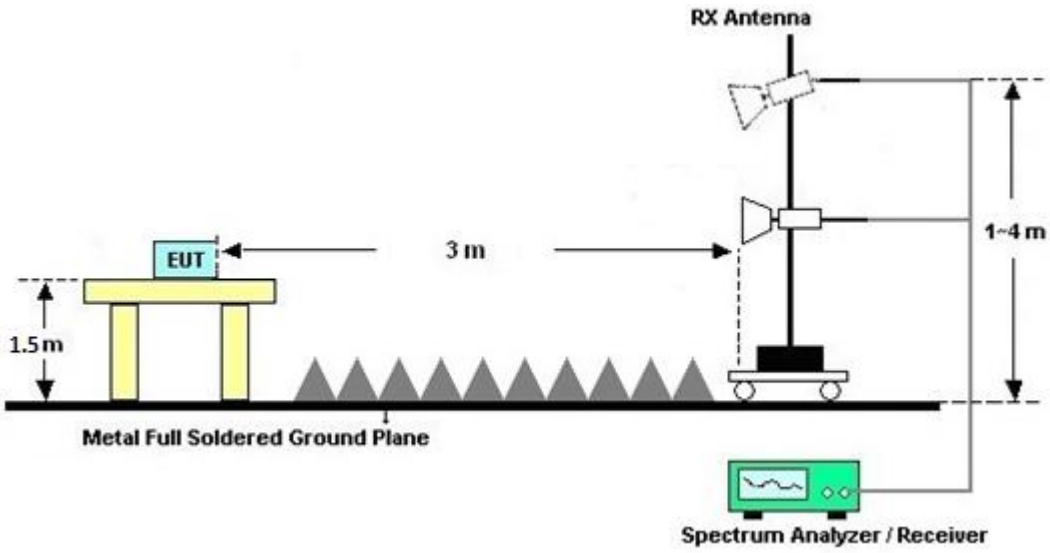
For radiated emissions below 30MHz



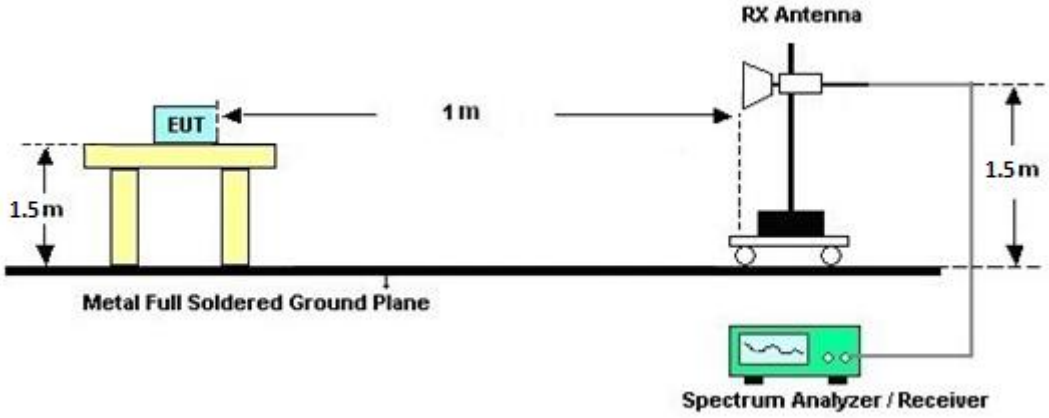
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

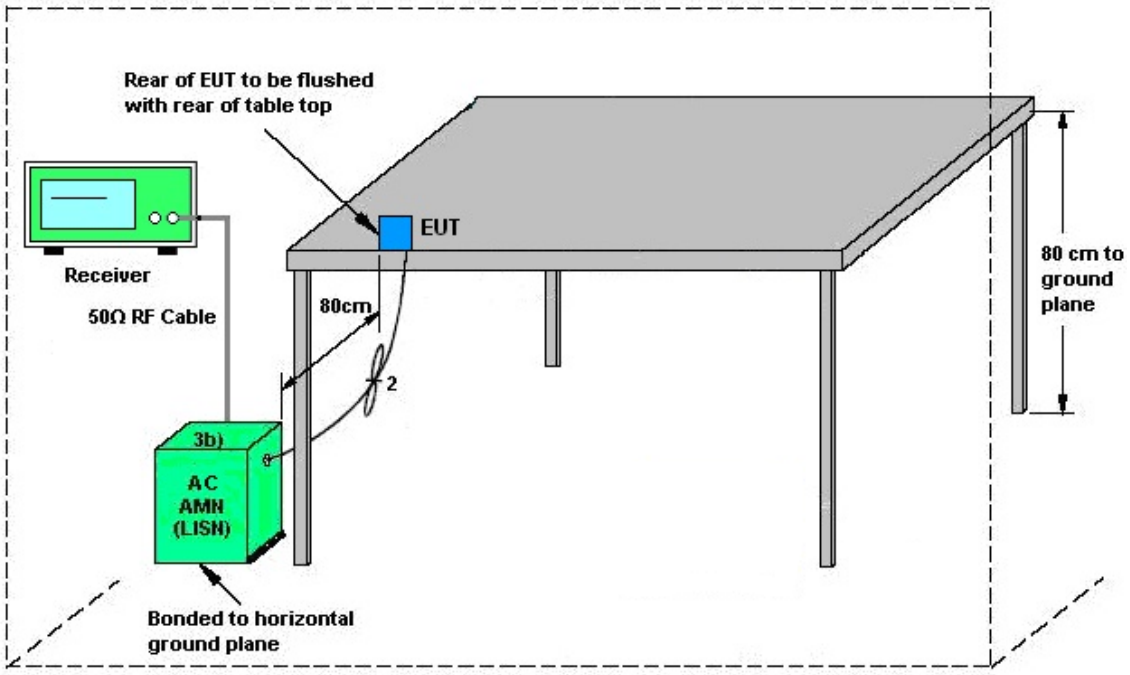
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

An indoor access point in the U-NII-4 band (5.850-5.895 GHz) and U-NII -3 & -4 span channels must use an integrated antenna.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

Refer to FCC KDB 662911 D01 Multiple Transmitter Output v02r01

<CDD Modes>

For power measurements on IEEE 802.11 devices,

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

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

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

where

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

As minimum N_{SS}=1 is supported by EUT, the formula can be simplified as:

Directional gain = $10*\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$ dBi

Where G1, G2….GN denote single antenna gain.

For example: If a device has two antenna, G_{ANT1}= 3.6dBi; G_{ANT2}=4.2dBi

Directional gain of power measurement = max(3.6, 4.2) + 0 = 4.2 dBi

Directional gain of PSD measurement = $10 * \log[(10^{3.6/20} + 10^{4.2/20})^2 / 2]$ = 6.92 dBi

The directional gain of EUT is listed in the following table.

UNII-4	Chain Port 0 Ant 4 (dBi)	Chain Port 1 Ant 5 (dBi)	DG for Power (dBi)	DG for PSD (dBi)
	4.70	5.40	5.40	8.07

Calculation example:

Directional gain of PSD measurement =

10 x log { [10^(4.7dBi/20) + 10^(5.4dBi/20)]^2 / 2 } = 8.07 dBi

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	R&S	HFH2-Z2E	100840	9kHz~30MHz	Jun. 21, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jun. 20, 2022	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Aug. 10, 2021	Aug. 11, 2021~ Nov. 01, 2021	Aug. 09, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02113	1GHz~18GHz	Jul. 08, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jul. 07, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9170D	00842	18GHz~40GHz	Jul. 20, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jul. 19, 2022	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	Aug. 09, 2021	Aug. 11, 2021~ Nov. 01, 2021	Aug. 08, 2022	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 27, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jul. 26, 2022	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900251	1GHz~18GHz	Mar. 30, 2021	Aug. 11, 2021~ Nov. 01, 2021	Mar. 29, 2022	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-303	17100018000 55004	1GHz~18GHz	Jul. 21, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jul. 20, 2022	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	60725	18GHz-40GHz	Jul. 21, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jul. 20, 2022	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 05, 2021	Aug. 11, 2021~ Nov. 01, 2021	Mar. 04, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN08	6.75GHz High Pass Filter	Jul. 23, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN10	3 GHz High Pass Filter	Jul. 23, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN1	1.2G Low Pass	Jul. 23, 2021	Aug. 11, 2021~ Nov. 01, 2021	Jul. 22, 2022	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 04, 2021	Aug. 11, 2021~ Nov. 01, 2021	Aug. 03, 2022	Radiation (03CH02-CA)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Aug. 11, 2021~ Nov. 01, 2021	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 11, 2021~ Nov. 01, 2021	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 11, 2021~ Nov. 01, 2021	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Aug. 11, 2021~ Nov. 01, 2021	N/A	Radiation (03CH02-CA)
LISN	TESEQ	NNB51	47407	N/A	Jul. 21, 2021	Aug. 16, 2021 ~ Aug. 17, 2021	Jul. 20, 2022	Conduction (CO01-CA)
LISN	TESEQ	NNB51	47415	N/A	Jun. 30, 2021	Aug. 16, 2021 ~ Aug. 17, 2021	Jun. 29, 2022	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jun. 02, 2021	Aug. 16, 2021 ~ Aug. 17, 2021	Jun. 01, 2022	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F-N00412	N/A	Jul. 07, 2021	Aug. 16, 2021 ~ Aug. 17, 2021	Jul. 06, 2022	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Aug. 16, 2021 ~ Aug. 17, 2021	N/A	Conduction (CO01-CA)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	45141354	N/A	Jul. 30. 2021	Sep. 06, 2021~ Nov. 02, 2021	Jul. 29, 2022	Conducted (TH01-CA)
Power Sensor	DARE!!	RPR3006W	RPR6W-1901 024	10MHz-6GHz	Jul. 13, 2021	Sep. 06, 2021~ Nov. 02, 2021	Jul. 12, 2022	Conducted (TH01-CA)
Switch	EM Electronics	EMSW18	SW1070902	N/A	Aug. 03, 2021	Sep. 06, 2021~ Nov. 02, 2021	Aug. 02, 2022	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101545	10Hz-40GHz	Jun. 01, 2021	Sep. 06, 2021~ Nov. 02, 2021	May 31, 2022	Conducted (TH01-CA)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.0 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.7 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.2 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.4 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Steve Chen	Temperature:	18.6~23.3	°C
Test Date:	2021/9/6~2021/11/02	Relative Humidity:	34.1~53.8	%

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

UNII-4 MIMO												
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	169	5845	16.33	16.33	19.65	19.20	15.15	15.15	0.5	Pass
11a	6Mbps	2	173	5865	16.33	16.33	19.55	19.05	15.17	15.15	0.5	Pass
11a	6Mbps	2	177	5885	16.33	16.33	19.65	19.90	15.18	15.17	0.5	Pass

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

UNII-4 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	169	5845	Full	18.83	18.83	21.10	20.90	16.77	16.23	0.5	Pass
HE20	MCS0	2	173	5865	Full	18.83	18.83	20.85	20.90	16.93	16.53	0.5	Pass
HE20	MCS0	2	177	5885	Full	18.78	18.83	21.00	21.10	15.92	16.08	0.5	Pass
HE40	MCS0	2	167	5835	Full	37.76	37.76	40.23	40.05	37.13	36.22	0.5	Pass
HE40	MCS0	2	175	5875	Full	37.66	37.66	39.69	39.87	36.40	36.13	0.5	Pass
HE80	MCS0	2	171	5855	Full	76.48	76.60	81.12	81.44	71.51	70.24	0.5	Pass
HE160	MCS0	2	163	5815	Full	155.12	154.88	164.16	163.68	123.04	121.75	0.5	Pass

TEST RESULTS DATA
Average Power Table

UNII-4 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			DG (dBi)		E.I.R.P Power (dBm)		E.I.R.P Limit (dBm)	
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5
11a	6Mbps	2	169	5845	17.92	17.02	20.50	5.40		25.90		36	
11a	6Mbps	2	173	5865	17.82	16.62	20.27	5.40		25.67		36	
11a	6Mbps	2	177	5885	17.92	16.42	20.24	5.40		25.64		36	
HT20	MCS0	2	169	5845	17.52	16.22	19.93	5.40		25.33		36	
HT20	MCS0	2	173	5865	17.32	15.92	19.69	5.40		25.09		36	
HT20	MCS0	2	177	5885	16.92	15.12	19.12	5.40		24.52		36	
HT40	MCS0	2	167	5835	20.42	18.92	22.74	5.40		28.14		36	
HT40	MCS0	2	175	5875	19.82	18.72	22.32	5.40		27.72		36	
VHT20	MCS0	2	169	5845	17.52	16.12	19.89	5.40		25.29		36	
VHT20	MCS0	2	173	5865	17.42	15.92	19.74	5.40		25.14		36	
VHT20	MCS0	2	177	5885	16.92	15.22	19.16	5.40		24.56		36	
VHT40	MCS0	2	167	5835	20.42	18.92	22.74	5.40		28.14		36	
VHT40	MCS0	2	175	5875	19.92	18.72	22.37	5.40		27.77		36	
VHT80	MCS0	2	171	5855	22.12	20.42	24.36	5.40		29.76		36	
VHT160	MCS0	2	163	5815	24.62	24.62	27.63	5.40		33.03		36	

TEST RESULTS DATA
Average Power Table

UNII-4 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			DG (dBi)		E.I.R.P Power (dBm)		E.I.R.P Limit (dBm)	
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5
HE20	MCS0	2	169	5845	Full	17.82	16.22	20.10	5.40		25.50		36	
HE20	MCS0	2	173	5865	Full	17.72	16.12	20.00	5.40		25.40		36	
HE20	MCS0	2	177	5885	Full	17.22	15.42	19.42	5.40		24.82		36	
HE40	MCS0	2	167	5835	Full	20.52	19.02	22.84	5.40		28.24		36	
HE40	MCS0	2	175	5875	Full	20.32	19.12	22.77	5.40		28.17		36	
HE80	MCS0	2	171	5855	Full	22.22	20.72	24.54	5.40		29.94		36	
HE160	MCS0	2	163	5815	Full	24.72	24.72	27.73	5.40		33.13		36	

TEST RESULTS DATA
Power Spectral Density

UNII-4 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/300kHz)		RBW Factor (dB)	Average Power Density (dBm/MHz)			DG (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass /Fail
					Ant 4	Ant 5		Ant 4	Ant 5	SUM				
11a	6Mbps	2	169	5845	3.05	2.38	5.23	8.28	7.61	11.29	8.07	19.36	20.00	Pass
11a	6Mbps	2	173	5865	3.07	2.06	5.23	8.30	7.29	11.31	8.07	19.38	20.00	Pass
11a	6Mbps	2	177	5885	3.35	1.84	5.23	8.58	7.07	11.59	8.07	19.66	20.00	Pass

Note 1: PSD is measured with RBW = 300kHz and RBW factor = 10*LOG(1MHz/300kHz)
PSD (dBm/MHz) = PSD (dBm/300kHz) + RBW factor
Note 2: PSD Sum = Max PSD(Ant. 4, Ant. 5) + 10 log (2)

TEST RESULTS DATA
Power Spectral Density

UNII-4 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/300kHz)		RBW Factor (dB)	Average Power Density (dBm/MHz)			DG (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 5		Ant 4	Ant 5	SUM				
HE20	MCS0	2	169	5845	Full	3.21	1.92	5.23	8.44	7.15	11.45	8.07	19.52	20.00	Pass
HE20	MCS0	2	173	5865	Full	3.47	1.72	5.23	8.70	6.95	11.71	8.07	19.78	20.00	Pass
HE20	MCS0	2	177	5885	Full	2.99	0.59	5.23	8.22	5.82	11.23	8.07	19.30	20.00	Pass
HE40	MCS0	2	167	5835	Full	3.04	1.33	5.23	8.27	6.56	11.28	8.07	19.35	20.00	Pass
HE40	MCS0	2	175	5875	Full	3.14	1.93	5.23	8.37	7.16	11.38	8.07	19.45	20.00	Pass
HE80	MCS0	2	171	5855	Full	3.00	1.53	5.23	8.23	6.76	11.24	8.07	19.31	20.00	Pass
HE160	MCS0	2	163	5815	Full	1.43	1.53	5.23	6.66	6.76	9.77	8.07	17.84	20.00	Pass

Note 1: PSD is measured with RBW = 300kHz and RBW factor = 10*LOG(1MHz/300kHz)
PSD (dBm/MHz) = PSD (dBm/300kHz) + RBW factor
Note 2: PSD Sum = Max PSD(Ant. 4, Ant. 5) + 10 log (2)

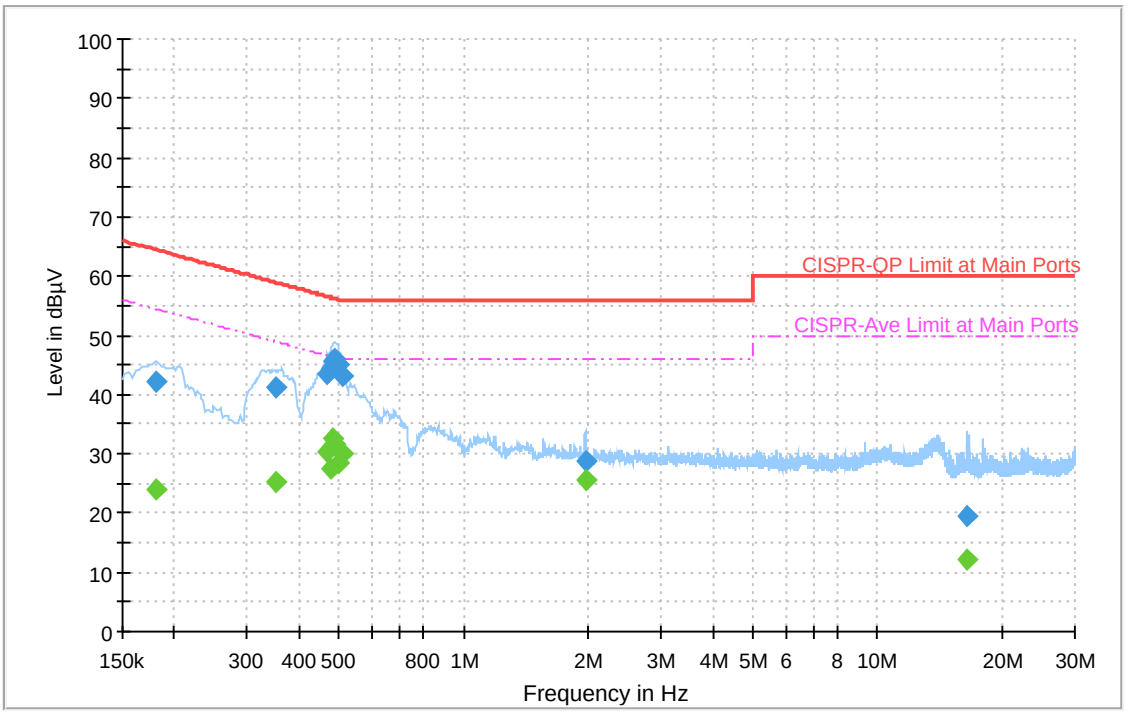
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Jordan Huang	**Temperature :**	24~46℃
		Relative Humidity :	43~47%

EUT Information

Site:	CO01-CA
Power:	120Vac/60Hz
Mode:	1

Full Spectrum



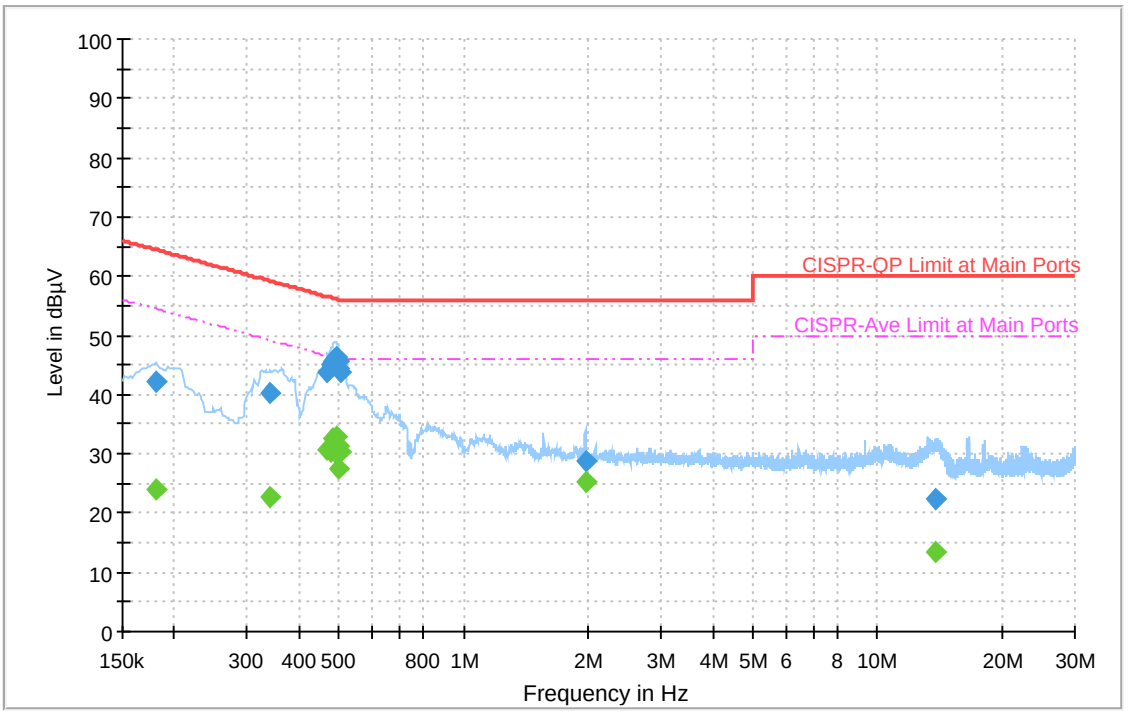
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	---	23.99	54.42	30.43	L1	OFF	20.3
0.181500	42.32	---	64.42	22.10	L1	OFF	20.3
0.350250	---	25.38	48.96	23.58	L1	OFF	20.3
0.350250	41.18	---	58.96	17.78	L1	OFF	20.3
0.469500	---	30.24	46.52	16.28	L1	OFF	20.3
0.469500	43.43	---	56.52	13.09	L1	OFF	20.3
0.476250	---	27.40	46.40	19.00	L1	OFF	20.3
0.476250	44.45	---	56.40	11.95	L1	OFF	20.3
0.483000	---	32.58	46.29	13.71	L1	OFF	20.3
0.483000	45.71	---	56.29	10.58	L1	OFF	20.3
0.489750	---	31.76	46.17	14.41	L1	OFF	20.3
0.489750	46.16	---	56.17	10.01	L1	OFF	20.3
0.498750	---	28.58	46.02	17.44	L1	OFF	20.3
0.498750	44.91	---	56.02	11.11	L1	OFF	20.3
0.507750	---	29.99	46.00	16.01	L1	OFF	20.3
0.507750	43.28	---	56.00	12.72	L1	OFF	20.3
1.965750	---	25.53	46.00	20.47	L1	OFF	20.3
1.965750	28.91	---	56.00	27.09	L1	OFF	20.3
16.417500	---	12.09	50.00	37.91	L1	OFF	20.6
16.417500	19.43	---	60.00	40.57	L1	OFF	20.6

EUT Information

Site:	CO01-CA
Power:	120Vac/60Hz
Mode:	1

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	42.22	---	64.42	22.20	N	OFF	20.2
0.181500	---	23.94	54.42	30.48	N	OFF	20.2
0.341250	40.41	---	59.17	18.76	N	OFF	20.3
0.341250	---	22.72	49.17	26.45	N	OFF	20.3
0.469500	43.63	---	56.52	12.89	N	OFF	20.3
0.469500	---	30.52	46.52	16.00	N	OFF	20.3
0.478500	45.16	---	56.37	11.21	N	OFF	20.3
0.478500	---	30.28	46.37	16.09	N	OFF	20.3
0.483000	45.79	---	56.29	10.50	N	OFF	20.3
0.483000	---	32.61	46.29	13.68	N	OFF	20.3
0.487500	45.94	---	56.21	10.27	N	OFF	20.3
0.487500	---	30.40	46.21	15.81	N	OFF	20.3
0.492000	46.25	---	56.13	9.88	N	OFF	20.3
0.492000	---	33.06	46.13	13.07	N	OFF	20.3
0.496500	45.54	---	56.06	10.52	N	OFF	20.3
0.496500	---	31.16	46.06	14.90	N	OFF	20.3
0.501000	44.46	---	56.00	11.54	N	OFF	20.3
0.501000	---	27.34	46.00	18.66	N	OFF	20.3
0.505500	43.80	---	56.00	12.20	N	OFF	20.3
0.505500	---	30.32	46.00	15.68	N	OFF	20.3
1.965750	28.75	---	56.00	27.25	N	OFF	20.3
1.965750	---	25.35	46.00	20.65	N	OFF	20.3

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.796250	22.50	---	60.00	37.50	N	OFF	20.5
13.796250	---	13.50	50.00	36.50	N	OFF	20.5

Appendix C. Radiated Spurious Emission

Test Engineer :	Michael Bui and Daniel Lee	**Temperature :**	20 ~ 24°C
		Relative Humidity :	42 ~ 48%

UNII-4 - 5850~5895MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5631.5	53.51	-14.69	68.2	39.97	31.96	11.69	30.11	302	111	P	H
		5651.25	54.32	-14.81	69.13	40.76	31.95	11.72	30.11	302	111	P	H
		5703	53.68	-52.36	106.04	40.01	32.05	11.78	30.16	302	111	P	H
		5724.5	52.73	-68.33	121.06	38.99	32.12	11.78	30.16	302	111	P	H
	*	5845	116.51	-	-	102.4	32.43	11.86	30.18	302	111	P	H
	*	5845	109.29	-	-	95.18	32.43	11.86	30.18	302	111	A	H
		5917.4	54.34	-59.42	113.76	40.09	32.51	11.98	30.24	302	111	P	H
		5986.2	55.15	-53.05	108.2	40.7	32.65	12.06	30.26	302	111	P	H
		5909	45.33	-54.59	99.92	31.09	32.5	11.97	30.23	302	111	A	H
		5996.6	45.41	-42.79	88.2	30.91	32.68	12.08	30.26	302	111	A	H
802.11a CH 169 5845MHz													
		5623.25	53.29	-14.91	68.2	39.7	32.03	11.68	30.12	267	359	P	V
		5652.25	53.97	-15.9	69.87	40.34	32.02	11.72	30.11	267	359	P	V
		5708.25	53.21	-54.3	107.51	39.45	32.14	11.78	30.16	267	359	P	V
		5720.5	53.05	-58.89	111.94	39.26	32.17	11.78	30.16	267	359	P	V
	*	5845	114.31	-	-	100.19	32.44	11.86	30.18	267	359	P	V
	*	5845	107.17	-	-	93.05	32.44	11.86	30.18	267	359	A	V
		5902.4	53.71	-71.05	124.76	39.37	32.61	11.96	30.23	267	359	P	V
		5940.2	54.73	-53.47	108.2	40.33	32.64	12.01	30.25	267	359	P	V
		5898	45.08	-62.91	107.99	30.75	32.6	11.96	30.23	267	359	A	V
		5970.8	45.38	-42.82	88.2	30.93	32.66	12.04	30.25	267	359	A	V

WIFI Ant. 4+5	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)
		5615.5	52.96	-15.24	68.2	39.43	31.98	11.67	30.12	290	114	P	H
		5672	53.13	-31.39	84.52	39.53	31.99	11.74	30.13	290	114	P	H
		5713.5	53.51	-55.47	108.98	39.81	32.08	11.78	30.16	290	114	P	H
		5722.75	52.91	-64.16	117.07	39.18	32.11	11.78	30.16	290	114	P	H
	*	5865	116.85	-	-	102.68	32.46	11.9	30.19	290	114	P	H
	*	5865	108.96	-	-	94.79	32.46	11.9	30.19	290	114	A	H
		5905.6	54.81	-67.6	122.41	40.57	32.5	11.97	30.23	290	114	P	H
		5958	54.71	-53.49	108.2	40.36	32.57	12.03	30.25	290	114	P	H
		5900.8	46.14	-59.8	105.94	31.92	32.49	11.96	30.23	290	114	A	H
		5995.6	46.22	-41.98	88.2	31.73	32.68	12.07	30.26	290	114	A	H
802.11a CH 173 5865MHz		5635	53.35	-14.85	68.2	39.73	32.03	11.7	30.11	375	1	P	V
		5672.75	53.62	-31.46	85.08	39.95	32.06	11.74	30.13	375	1	P	V
		5712	52.22	-56.34	108.56	38.45	32.15	11.78	30.16	375	1	P	V
		5723.5	52.13	-66.65	118.78	38.34	32.17	11.78	30.16	375	1	P	V
	*	5865	115.08	-	-	100.87	32.5	11.9	30.19	375	1	P	V
	*	5865	107.18	-	-	92.97	32.5	11.9	30.19	375	1	A	V
		5905.6	54.55	-67.86	122.41	40.2	32.61	11.97	30.23	375	1	P	V
		5996.6	54.75	-53.45	108.2	40.26	32.67	12.08	30.26	375	1	P	V
		5895.2	45.92	-64.13	110.05	31.61	32.59	11.95	30.23	375	1	A	V
		5959.6	46.19	-42.01	88.2	31.76	32.65	12.03	30.25	375	1	A	V

WIFI Ant. 4+5	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)
		5644.75	52.95	-15.25	68.2	39.4	31.95	11.71	30.11	297	111	P	H
		5692	53.57	-45.73	99.3	39.92	32.03	11.77	30.15	297	111	P	H
		5713.5	51.87	-57.11	108.98	38.17	32.08	11.78	30.16	297	111	P	H
		5724.25	51.75	-68.74	120.49	38.01	32.12	11.78	30.16	297	111	P	H
	*	5885	116.63	-	-	102.44	32.48	11.93	30.22	297	111	P	H
	*	5885	108.56	-	-	94.37	32.48	11.93	30.22	297	111	A	H
		5895	84.04	-46.16	130.2	69.83	32.49	11.95	30.23	297	111	P	H
		5978.8	55.26	-52.94	108.2	40.84	32.63	12.05	30.26	297	111	P	H
		5895	77.22	-32.98	110.2	63.01	32.49	11.95	30.23	297	111	A	H
		5971.8	46.11	-42.09	88.2	31.7	32.61	12.05	30.25	297	111	A	H
802.11a													
CH 177		5649.75	53.52	-14.68	68.2	39.9	32.02	11.71	30.11	375	0	P	V
5885MHz		5677.75	53.83	-34.95	88.78	40.15	32.07	11.75	30.14	375	0	P	V
		5717	52.39	-57.57	109.96	38.61	32.16	11.78	30.16	375	0	P	V
		5723.5	51.36	-67.42	118.78	37.57	32.17	11.78	30.16	375	0	P	V
	*	5885	115.51	-	-	101.24	32.56	11.93	30.22	375	0	P	V
	*	5885	107.64	-	-	93.37	32.56	11.93	30.22	375	0	A	V
		5895	84.96	-45.24	130.2	70.65	32.59	11.95	30.23	375	0	P	V
		5938.8	55.32	-52.88	108.2	40.92	32.64	12.01	30.25	375	0	P	V
		5895	76.45	-33.75	110.2	62.14	32.59	11.95	30.23	375	0	A	V
		5981.8	46.25	-41.95	88.2	31.79	32.66	12.06	30.26	375	0	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

UNII-4 5850~5895MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+5	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)
802.11a CH 169 5845MHz		11690	47.35	-26.65	74	58.13	39.49	17.4	67.67	-	-	P	H
		13380	50.68	-23.32	74	59.96	39.6	18.8	67.68	-	-	P	H
		13380	40.29	-13.71	54	49.57	39.6	18.8	67.68	-	-	A	H
		14480	52.49	-21.51	74	58.92	41.73	19.59	67.75	-	-	P	H
		14480	43.13	-10.87	54	49.56	41.73	19.59	67.75	-	-	A	H
		17535	52.7	-55.5	108.2	57.99	42.11	21.99	69.39	-	-	P	H
		17990	60.56	-13.44	74	59.29	48.18	22.51	69.42	-	-	P	H
		17990	50.46	-3.54	54	49.19	48.18	22.51	69.42	-	-	A	H
		11690	47.82	-26.18	74	58.42	39.67	17.4	67.67	-	-	P	V
		13370	49.57	-24.43	74	58.89	39.58	18.79	67.69	-	-	P	V
		13370	39.85	-14.15	54	49.17	39.58	18.79	67.69	-	-	A	V
		14490	52.93	-21.07	74	59.45	41.63	19.59	67.74	-	-	P	V
		14490	43.54	-10.46	54	50.06	41.63	19.59	67.74	-	-	A	V
		17535	52.61	-55.59	108.2	57.88	42.13	21.99	69.39	-	-	P	V
		17980	60.12	-13.88	74	59.49	47.55	22.5	69.42	-	-	P	V
		17980	50.02	-3.98	54	49.39	47.55	22.5	69.42	-	-	A	V

WIFI Ant. 4+5	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)
		11730	47.75	-26.25	74	58.67	39.34	17.43	67.69	-	-	P	H
		13350	49.84	-24.16	74	59.26	39.5	18.78	67.7	-	-	P	H
		13350	40.17	-13.83	54	49.59	39.5	18.78	67.7	-	-	A	H
		14490	52.86	-21.14	74	59.25	41.76	19.59	67.74	-	-	P	H
		14490	43.66	-10.34	54	50.05	41.76	19.59	67.74	-	-	A	H
		17595	52.29	-55.91	108.2	57.11	42.53	22.05	69.4	-	-	P	H
		17990	59.76	-14.24	74	58.49	48.18	22.51	69.42	-	-	P	H
		17990	49.86	-4.14	54	48.59	48.18	22.51	69.42	-	-	A	H
802.11a													
CH 173		11730	47.98	-26.02	74	58.75	39.49	17.43	67.69	-	-	P	V
5865MHz		13340	50.11	-23.89	74	59.57	39.48	18.77	67.71	-	-	P	V
		13340	40.3	-13.7	54	49.76	39.48	18.77	67.71	-	-	A	V
		14500	51.68	-22.32	74	58.15	41.66	19.6	67.73	-	-	P	V
		14500	43.01	-10.99	54	49.48	41.66	19.6	67.73	-	-	A	V
		17595	52.75	-55.45	108.2	57.55	42.55	22.05	69.4	-	-	P	V
		18000	59.51	-14.49	74	58.4	48.01	22.52	69.42	-	-	P	V
		18000	49.91	-4.09	54	48.8	48.01	22.52	69.42	-	-	A	V

WIFI Ant. 4+5	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)
		11770	47.88	-26.12	74	58.93	39.19	17.46	67.7	-	-	P	H
		13400	49.97	-24.03	74	59.15	39.67	18.82	67.67	-	-	P	H
		13400	40.88	-13.12	54	50.06	39.67	18.82	67.67	-	-	A	H
		14490	52.56	-21.44	74	58.95	41.76	19.59	67.74	-	-	P	H
		14490	43.41	-10.59	54	49.8	41.76	19.59	67.74	-	-	A	H
		17655	53.39	-54.81	108.2	57.67	43.02	22.1	69.4	-	-	P	H
		17990	60.06	-13.94	74	58.79	48.18	22.51	69.42	-	-	P	H
		17990	49.86	-4.14	54	48.59	48.18	22.51	69.42	-	-	A	H
802.11a													
CH 177		11770	47.74	-26.26	74	58.67	39.31	17.46	67.7	-	-	P	V
5885MHz		13370	50.25	-23.75	74	59.57	39.58	18.79	67.69	-	-	P	V
		13370	40.54	-13.46	54	49.86	39.58	18.79	67.69	-	-	A	V
		14480	51.94	-22.06	74	58.5	41.6	19.59	67.75	-	-	P	V
		14480	43.62	-10.38	54	50.18	41.6	19.59	67.75	-	-	A	V
		17655	53.06	-55.14	108.2	57.37	42.99	22.1	69.4	-	-	P	V
		17960	59.34	-14.66	74	59.21	47.08	22.47	69.42	-	-	P	V
		17960	49.24	-4.76	54	49.11	47.08	22.47	69.42	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-4 5850~5895MHz

WIFI 802.11ax HE20_Full (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5650	53.28	-14.92	68.2	39.72	31.95	11.72	30.11	249	113	P	H
		5662	54.24	-22.87	77.11	40.66	31.97	11.73	30.12	249	113	P	H
		5710.5	53.85	-54.29	108.14	40.16	32.07	11.78	30.16	249	113	P	H
		5720.25	51.98	-59.39	111.37	38.26	32.1	11.78	30.16	249	113	P	H
	*	5845	120.01	-	-	105.9	32.43	11.86	30.18	249	113	P	H
	*	5845	109.45	-	-	95.34	32.43	11.86	30.18	249	113	A	H
		5916.6	54.47	-59.88	114.35	40.22	32.51	11.98	30.24	249	113	P	H
		5952.8	55.09	-53.11	108.2	40.76	32.56	12.02	30.25	249	113	P	H
		5895.8	45.67	-63.94	109.61	31.46	32.49	11.95	30.23	249	113	A	H
		6000	45.82	-42.38	88.2	31.31	32.69	12.08	30.26	249	113	A	H
802.11ax													
HE20 Full													
CH 169		5631.75	52.87	-15.33	68.2	39.26	32.03	11.69	30.11	383	0	P	V
5845MHz		5650.5	52.93	-15.64	68.57	39.3	32.02	11.72	30.11	383	0	P	V
		5714.75	52.86	-56.47	109.33	39.09	32.15	11.78	30.16	383	0	P	V
		5723.5	51.76	-67.02	118.78	37.97	32.17	11.78	30.16	383	0	P	V
	*	5845	118.29	-	-	104.17	32.44	11.86	30.18	383	0	P	V
	*	5845	107.36	-	-	93.24	32.44	11.86	30.18	383	0	A	V
		5901.4	55.51	-69.99	125.5	41.17	32.61	11.96	30.23	383	0	P	V
		5968.8	55.04	-53.16	108.2	40.59	32.66	12.04	30.25	383	0	P	V
		5907.8	45.24	-55.56	100.8	30.89	32.61	11.97	30.23	383	0	A	V
		6000	45.86	-42.34	88.2	31.37	32.67	12.08	30.26	383	0	A	V

WIFI Ant. 4+5	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)
		5609	52.99	-15.21	68.2	39.46	31.99	11.66	30.12	252	106	P	H
		5672.5	54.2	-30.69	84.89	40.6	31.99	11.74	30.13	252	106	P	H
		5707.75	52.93	-54.44	107.37	39.25	32.06	11.78	30.16	252	106	P	H
		5724	52.49	-67.43	119.92	38.76	32.11	11.78	30.16	252	106	P	H
	*	5865	118.97	-	-	104.8	32.46	11.9	30.19	252	106	P	H
	*	5865	108.24	-	-	94.07	32.46	11.9	30.19	252	106	A	H
		5896.6	54.14	-74.88	129.02	39.93	32.49	11.95	30.23	252	106	P	H
		5937.8	54.39	-53.81	108.2	40.09	32.54	12.01	30.25	252	106	P	H
		5895	45.89	-64.31	110.2	31.68	32.49	11.95	30.23	252	106	A	H
		5960.6	44.76	-43.44	88.2	30.4	32.58	12.03	30.25	252	106	A	H
802.11ax													
HE20 Full													
CH 173		5608.25	52.67	-15.53	68.2	39.08	32.05	11.66	30.12	400	1	P	V
5865MHz		5694	52.59	-48.19	100.78	38.86	32.11	11.77	30.15	400	1	P	V
		5707.75	52.15	-55.22	107.37	38.39	32.14	11.78	30.16	400	1	P	V
		5723	53.31	-64.33	117.64	39.52	32.17	11.78	30.16	400	1	P	V
	*	5865	116.18	-	-	101.97	32.5	11.9	30.19	400	1	P	V
	*	5865	106.51	-	-	92.3	32.5	11.9	30.19	400	1	A	V
		5906.6	54.9	-66.78	121.68	40.55	32.61	11.97	30.23	400	1	P	V
		5959.4	55.02	-53.18	108.2	40.59	32.65	12.03	30.25	400	1	P	V
		5895.8	44.72	-64.89	109.61	30.41	32.59	11.95	30.23	400	1	A	V
		5968.2	44.75	-43.45	88.2	30.3	32.66	12.04	30.25	400	1	A	V

WIFI Ant. 4+5	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)
		5600	53.77	-14.43	68.2	40.24	32	11.65	30.12	249	113	P	H
		5685.5	52.94	-41.56	94.5	39.32	32.01	11.76	30.15	249	113	P	H
		5700.5	53.16	-52.18	105.34	39.5	32.04	11.78	30.16	249	113	P	H
		5720.75	52.09	-60.42	112.51	38.37	32.1	11.78	30.16	249	113	P	H
	*	5885	116.3	-	-	102.11	32.48	11.93	30.22	249	113	P	H
	*	5885	107.34	-	-	93.15	32.48	11.93	30.22	249	113	A	H
		5895	98.82	-31.38	130.2	84.61	32.49	11.95	30.23	249	113	P	H
		5925.2	54.44	-53.76	108.2	40.17	32.52	11.99	30.24	249	113	P	H
		5895	92.79	-17.41	110.2	78.58	32.49	11.95	30.23	249	113	A	H
		6000	44.69	-43.51	88.2	30.18	32.69	12.08	30.26	249	113	A	H
802.11ax													
HE20 Full													
CH 177		5636.5	52.76	-15.44	68.2	39.15	32.02	11.7	30.11	357	1	P	V
5885MHz		5662.25	53.34	-23.96	77.3	39.69	32.04	11.73	30.12	357	1	P	V
		5710.25	52.31	-55.76	108.07	38.55	32.14	11.78	30.16	357	1	P	V
		5724.5	52.27	-68.79	121.06	38.48	32.17	11.78	30.16	357	1	P	V
	*	5885	114.87	-	-	100.6	32.56	11.93	30.22	357	1	P	V
	*	5885	105.33	-	-	91.06	32.56	11.93	30.22	357	1	A	V
		5895	93.84	-36.36	130.2	79.53	32.59	11.95	30.23	357	1	P	V
		5946	54.5	-53.7	108.2	40.08	32.65	12.02	30.25	357	1	P	V
		5895	90.75	-19.45	110.2	76.44	32.59	11.95	30.23	357	1	A	V
		5969.4	44.72	-43.48	88.2	30.27	32.66	12.04	30.25	357	1	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

UNII-4 5850~5895MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		11690	47.77	-26.23	74	58.55	39.49	17.4	67.67	-	-	P	H
		13360	49.27	-24.73	74	58.63	39.54	18.79	67.69	-	-	P	H
		13360	39.59	-14.41	54	48.95	39.54	18.79	67.69	-	-	A	H
		14490	52.02	-21.98	74	58.41	41.76	19.59	67.74	-	-	P	H
		14490	43.1	-10.9	54	49.49	41.76	19.59	67.74	-	-	A	H
		17535	51.77	-56.43	108.2	57.06	42.11	21.99	69.39	-	-	P	H
		17990	59.56	-14.44	74	58.29	48.18	22.51	69.42	-	-	P	H
		17990	49.76	-4.24	54	48.49	48.18	22.51	69.42	-	-	A	H
802.11ax													
HE20 Full													
CH 169		11690	47.31	-26.69	74	57.91	39.67	17.4	67.67	-	-	P	V
5845MHz		13300	49.4	-24.6	74	59.08	39.31	18.74	67.73	-	-	P	V
		13300	39.75	-14.25	54	49.43	39.31	18.74	67.73	-	-	A	V
		14500	52.22	-21.78	74	58.69	41.66	19.6	67.73	-	-	P	V
		14500	43.59	-10.41	54	50.06	41.66	19.6	67.73	-	-	A	V
		17535	53.46	-54.74	108.2	58.73	42.13	21.99	69.39	-	-	P	V
		18000	59.71	-14.29	74	58.6	48.01	22.52	69.42	-	-	P	V
		18000	49.41	-4.59	54	48.3	48.01	22.52	69.42	-	-	A	V

WIFI Ant. 4+5	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)
		11730	47.77	-26.23	74	58.69	39.34	17.43	67.69	-	-	P	H
		13310	49.07	-24.93	74	58.7	39.35	18.74	67.72	-	-	P	H
		13310	40.13	-13.87	54	49.76	39.35	18.74	67.72	-	-	A	H
		14470	52.07	-21.93	74	58.56	41.69	19.58	67.76	-	-	P	H
		14470	42.8	-11.2	54	49.29	41.69	19.58	67.76	-	-	A	H
		17595	52.56	-55.64	108.2	57.38	42.53	22.05	69.4	-	-	P	H
		18000	60.73	-13.27	74	59.2	48.43	22.52	69.42	-	-	P	H
		18000	50.83	-3.17	54	49.3	48.43	22.52	69.42	-	-	A	H
802.11ax													
HE20 Full													
CH 173		11730	47.14	-26.86	74	57.91	39.49	17.43	67.69	-	-	P	V
5865MHz		13330	49.95	-24.05	74	59.46	39.44	18.76	67.71	-	-	P	V
		13330	40.51	-13.49	54	50.02	39.44	18.76	67.71	-	-	A	V
		14500	52.11	-21.89	74	58.58	41.66	19.6	67.73	-	-	P	V
		14500	43.24	-10.76	54	49.71	41.66	19.6	67.73	-	-	A	V
		17595	52.33	-55.87	108.2	57.13	42.55	22.05	69.4	-	-	P	V
		17970	59.68	-14.32	74	59.29	47.32	22.49	69.42	-	-	P	V
		17970	49.18	-4.82	54	48.79	47.32	22.49	69.42	-	-	A	V

WIFI Ant. 4+5	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)
		11770	46.46	-27.54	74	57.51	39.19	17.46	67.7	-	-	P	H
		13370	49.67	-24.33	74	59	39.57	18.79	67.69	-	-	P	H
		13370	40.39	-13.61	54	49.72	39.57	18.79	67.69	-	-	A	H
		14480	51.61	-22.39	74	58.04	41.73	19.59	67.75	-	-	P	H
		14480	43.26	-10.74	54	49.69	41.73	19.59	67.75	-	-	A	H
		17655	52.89	-55.31	108.2	57.17	43.02	22.1	69.4	-	-	P	H
		17990	59.66	-14.34	74	58.39	48.18	22.51	69.42	-	-	P	H
		17990	49.86	-4.14	54	48.59	48.18	22.51	69.42	-	-	A	H
802.11ax													
HE20 Full													
CH 177		11770	47.82	-26.18	74	58.75	39.31	17.46	67.7	-	-	P	V
5885MHz		13270	49.55	-24.45	74	59.41	39.19	18.7	67.75	-	-	P	V
		13270	39.51	-14.49	54	49.37	39.19	18.7	67.75	-	-	A	V
		14490	51.73	-22.27	74	58.25	41.63	19.59	67.74	-	-	P	V
		14490	42.55	-11.45	54	49.07	41.63	19.59	67.74	-	-	A	V
		17655	52.09	-56.11	108.2	56.4	42.99	22.1	69.4	-	-	P	V
		17990	59.17	-14.83	74	58.3	47.78	22.51	69.42	-	-	P	V
		17990	49.37	-4.63	54	48.5	47.78	22.51	69.42	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-4 5850~5895MHz

WIFI 802.11ax HE40_Full (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5624.5	54.6	-13.6	68.2	41.07	31.97	11.68	30.12	259	117	P	H
		5654.75	54.25	-17.48	71.73	40.68	31.96	11.72	30.11	259	117	P	H
		5719.25	53.85	-56.74	110.59	40.13	32.1	11.78	30.16	259	117	P	H
		5724	55.02	-64.9	119.92	41.29	32.11	11.78	30.16	259	117	P	H
	*	5835	117.35	-	-	103.27	32.42	11.84	30.18	259	117	P	H
	*	5835	109.39	-	-	95.31	32.42	11.84	30.18	259	117	A	H
		5899.8	55.88	-70.79	126.67	41.66	32.49	11.96	30.23	259	117	P	H
		5940.6	55.35	-52.85	108.2	41.05	32.54	12.01	30.25	259	117	P	H
		5895	46.51	-63.69	110.2	32.3	32.49	11.95	30.23	259	117	A	H
		5936.2	45.46	-42.74	88.2	31.17	32.53	12	30.24	259	117	A	H
802.11ax													
HE40 Full													
CH 167		5642.75	52.66	-15.54	68.2	39.04	32.02	11.71	30.11	365	1	P	V
5835MHz		5698	52.79	-50.94	103.73	39.05	32.12	11.78	30.16	365	1	P	V
		5716.5	54.34	-55.48	109.82	40.56	32.16	11.78	30.16	365	1	P	V
		5721.75	52	-62.79	114.79	38.21	32.17	11.78	30.16	365	1	P	V
	*	5835	115.63	-	-	101.57	32.4	11.84	30.18	365	1	P	V
	*	5835	107.12	-	-	93.06	32.4	11.84	30.18	365	1	A	V
		5914.2	54.8	-61.31	116.11	40.44	32.62	11.98	30.24	365	1	P	V
		5938	54.87	-53.33	108.2	40.47	32.64	12.01	30.25	365	1	P	V
		5895.6	45.21	-64.55	109.76	30.9	32.59	11.95	30.23	365	1	A	V
		5973.8	45.07	-43.13	88.2	30.61	32.66	12.05	30.25	365	1	A	V

WIFI Ant. 4+5	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)
		5603.5	54.13	-14.07	68.2	40.61	31.99	11.65	30.12	305	106	P	H
		5659	54.72	-20.16	74.88	41.15	31.96	11.73	30.12	305	106	P	H
		5712.5	53.46	-55.24	108.7	39.76	32.08	11.78	30.16	305	106	P	H
		5722.5	52.89	-63.61	116.5	39.16	32.11	11.78	30.16	305	106	P	H
	*	5875	119.6	-	-	105.42	32.47	11.91	30.2	305	106	P	H
	*	5875	108.65	-	-	94.47	32.47	11.91	30.2	305	106	A	H
		5895.2	90.95	-39.1	130.05	76.74	32.49	11.95	30.23	305	106	P	H
		5952	55.9	-52.3	108.2	41.57	32.56	12.02	30.25	305	106	P	H
		5895	83.28	-26.92	110.2	69.07	32.49	11.95	30.23	305	106	A	H
		5925	48.8	-39.4	88.2	34.53	32.52	11.99	30.24	305	106	A	H
802.11ax													
HE40 Full													
CH 175		5605.75	53.66	-14.54	68.2	40.07	32.05	11.66	30.12	379	0	P	V
5875MHz		5666	54.52	-25.56	80.08	40.86	32.05	11.74	30.13	379	0	P	V
		5718	53.36	-56.88	110.24	39.58	32.16	11.78	30.16	379	0	P	V
		5721	51.96	-61.12	113.08	38.17	32.17	11.78	30.16	379	0	P	V
	*	5875	118.41	-	-	104.17	32.53	11.91	30.2	379	0	P	V
	*	5875	107.44	-	-	93.2	32.53	11.91	30.2	379	0	A	V
		5895	90.22	-39.98	130.2	75.91	32.59	11.95	30.23	379	0	P	V
		5939.8	56.19	-52.01	108.2	41.79	32.64	12.01	30.25	379	0	P	V
		5895	81.75	-28.45	110.2	67.44	32.59	11.95	30.23	379	0	A	V
		5925	48.07	-40.13	88.2	33.69	32.63	11.99	30.24	379	0	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

UNII-4 5850~5895MHz

WIFI 802.11ax HE40_Full (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		11670	47.94	-26.06	74	58.63	39.59	17.38	67.66	-	-	P	H
		13370	49.45	-24.55	74	58.78	39.57	18.79	67.69	-	-	P	H
		13370	40.18	-13.82	54	49.51	39.57	18.79	67.69	-	-	A	H
		14480	51.77	-22.23	74	58.2	41.73	19.59	67.75	-	-	P	H
		14480	42.98	-11.02	54	49.41	41.73	19.59	67.75	-	-	A	H
		17505	52.54	-55.66	108.2	58.07	41.9	21.96	69.39	-	-	P	H
		17980	59.6	-14.4	74	58.6	47.92	22.5	69.42	-	-	P	H
		17980	49.4	-4.6	54	48.4	47.92	22.5	69.42	-	-	A	H
802.11ax													
HE40 Full													
CH 167		11670	47.25	-26.75	74	57.79	39.74	17.38	67.66	-	-	P	V
5835MHz		13310	49.73	-24.27	74	59.36	39.35	18.74	67.72	-	-	P	V
		13310	39.28	-14.72	54	48.91	39.35	18.74	67.72	-	-	A	V
		14480	51.64	-22.36	74	58.2	41.6	19.59	67.75	-	-	P	V
		14480	42.99	-11.01	54	49.55	41.6	19.59	67.75	-	-	A	V
		17505	51.64	-56.56	108.2	57.17	41.9	21.96	69.39	-	-	P	V
		17990	59.17	-14.83	74	58.3	47.78	22.51	69.42	-	-	P	V
		17990	49.37	-4.63	54	48.5	47.78	22.51	69.42	-	-	A	V

WIFI Ant. 4+5	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)
		11750	47.23	-26.77	74	58.21	39.26	17.45	67.69	-	-	P	H
		13390	50.38	-23.62	74	59.62	39.63	18.81	67.68	-	-	P	H
		13390	40.28	-13.72	54	49.52	39.63	18.81	67.68	-	-	A	H
		14470	51.96	-22.04	74	58.45	41.69	19.58	67.76	-	-	P	H
		14470	43.53	-10.47	54	50.02	41.69	19.58	67.76	-	-	A	H
		17625	52.72	-55.48	108.2	57.28	42.77	22.07	69.4	-	-	P	H
		18000	61.43	-12.57	74	59.9	48.43	22.52	69.42	-	-	P	H
		18000	50.38	-3.62	54	48.85	48.43	22.52	69.42	-	-	A	H
802.11ax													
HE40 Full													
CH 175		11750	47.91	-26.09	74	58.76	39.39	17.45	67.69	-	-	P	V
5875MHz		13310	49.87	-24.13	74	59.5	39.35	18.74	67.72	-	-	P	V
		13310	40.08	-13.92	54	49.71	39.35	18.74	67.72	-	-	A	V
		14490	51.29	-22.71	74	57.81	41.63	19.59	67.74	-	-	P	V
		14490	43.49	-10.51	54	50.01	41.63	19.59	67.74	-	-	A	V
		17625	53.06	-55.14	108.2	57.63	42.76	22.07	69.4	-	-	P	V
		18000	61.99	-12.01	74	60.88	48.01	22.52	69.42	-	-	P	V
		18000	49.87	-4.13	54	48.76	48.01	22.52	69.42	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-4 5850~5895MHz

WIFI 802.11ax HE80_Full (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5643	54.97	-13.23	68.2	41.42	31.95	11.71	30.11	304	111	P	H
		5669.25	54.91	-27.57	82.48	41.32	31.98	11.74	30.13	304	111	P	H
		5711	54.79	-53.49	108.28	41.1	32.07	11.78	30.16	304	111	P	H
		5720.5	55.95	-55.99	111.94	42.23	32.1	11.78	30.16	304	111	P	H
	*	5855	123.83	-	-	109.69	32.44	11.88	30.18	304	111	P	H
	*	5855	114.2	-	-	100.06	32.44	11.88	30.18	304	111	A	H
		5895	94.62	-35.58	130.2	80.41	32.49	11.95	30.23	304	111	P	H
		5928.6	63.36	-44.84	108.2	49.08	32.53	11.99	30.24	304	111	P	H
		5895	81.18	-29.02	110.2	66.97	32.49	11.95	30.23	304	111	A	H
		5930.8	53.09	-35.11	88.2	38.8	32.53	12	30.24	304	111	A	H
802.11ax													
HE80 Full													
CH 171		5623.5	54.02	-14.18	68.2	40.43	32.03	11.68	30.12	385	0	P	V
5855MHz		5653.25	54.87	-15.74	70.61	41.24	32.02	11.72	30.11	385	0	P	V
		5705.75	53.38	-53.43	106.81	39.63	32.13	11.78	30.16	385	0	P	V
		5722	54.56	-60.8	115.36	40.77	32.17	11.78	30.16	385	0	P	V
	*	5855	121.7	-	-	107.53	32.47	11.88	30.18	385	0	P	V
	*	5855	112.8	-	-	98.63	32.47	11.88	30.18	385	0	A	V
		5895	89.73	-40.47	130.2	75.42	32.59	11.95	30.23	385	0	P	V
		5932	60.07	-48.13	108.2	45.68	32.63	12	30.24	385	0	P	V
		5895	78.72	-31.48	110.2	64.41	32.59	11.95	30.23	385	0	A	V
		5931	51.33	-36.87	88.2	36.94	32.63	12	30.24	385	0	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

UNII-4 5850~5895MHz

WIFI 802.11ax HE80_Full (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		11710	46.85	-27.15	74	57.7	39.41	17.42	67.68	-	-	P	H
		13380	49.52	-24.48	74	58.8	39.6	18.8	67.68	-	-	P	H
		13380	39.83	-14.17	54	49.11	39.6	18.8	67.68	-	-	A	H
		14500	51.88	-22.12	74	58.22	41.79	19.6	67.73	-	-	P	H
		14500	43.37	-10.63	54	49.71	41.79	19.6	67.73	-	-	A	H
		17565	51.61	-56.59	108.2	56.66	42.32	22.02	69.39	-	-	P	H
		18000	62.48	-11.52	74	60.95	48.43	22.52	69.42	-	-	P	H
		18000	52	-2	54	50.47	48.43	22.52	69.42	-	-	A	H
802.11ax HE80 Full CH 171 5855MHz													
		11710	47.7	-26.3	74	58.38	39.58	17.42	67.68	-	-	P	V
		13360	49.33	-24.67	74	58.68	39.55	18.79	67.69	-	-	P	V
		13360	40.41	-13.59	54	49.76	39.55	18.79	67.69	-	-	A	V
		14500	51.87	-22.13	74	58.34	41.66	19.6	67.73	-	-	P	V
		14500	43.6	-10.4	54	50.07	41.66	19.6	67.73	-	-	A	V
		17565	52.86	-55.34	108.2	57.88	42.35	22.02	69.39	-	-	P	V
		18000	61.19	-12.81	74	60.08	48.01	22.52	69.42	-	-	P	V
		18000	51.63	-2.37	54	50.52	48.01	22.52	69.42	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII-4 5850~5895MHz

WIFI 802.11ax HE160_Full (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5646.8	65.29	-2.91	68.2	51.74	31.95	11.71	30.11	100	298	P	H
		5696	71.24	-31.01	102.25	57.6	32.03	11.77	30.16	100	298	P	H
		5717.6	72.42	-37.71	110.13	58.71	32.09	11.78	30.16	100	298	P	H
		5725.1	72.36	-87.64	160	58.63	32.12	11.78	30.17	100	298	P	H
	*	5815	117.12	-	-	103.08	32.4	11.81	30.17	100	298	P	H
	*	5815	105.83	-	-	91.79	32.4	11.81	30.17	100	298	A	H
		5895	90.09	-40.11	130.2	75.88	32.49	11.95	30.23	100	298	P	H
		5925.8	72.57	-35.63	108.2	58.3	32.52	11.99	30.24	100	298	P	H
		5895	79.44	-30.76	110.2	65.23	32.49	11.95	30.23	100	298	A	H
		5925	63.19	-25.01	88.2	48.92	32.52	11.99	30.24	100	298	A	H
802.11ax													
HE160 Full													
CH 163		5637.8	62.54	-5.66	68.2	48.93	32.02	11.7	30.11	400	7	P	V
5815MHz		5696.3	67.23	-35.24	102.47	53.5	32.11	11.78	30.16	400	7	P	V
		5713.4	68.54	-40.41	108.95	54.77	32.15	11.78	30.16	400	7	P	V
		5725.1	68.71	-91.29	160	54.92	32.18	11.78	30.17	400	7	P	V
	*	5815	114.67	-	-	100.69	32.34	11.81	30.17	400	7	P	V
	*	5815	103.94	-	-	89.96	32.34	11.81	30.17	400	7	A	V
		5895.4	85.66	-44.25	129.91	71.35	32.59	11.95	30.23	400	7	P	V
		5933.6	69.96	-38.24	108.2	55.57	32.63	12	30.24	400	7	P	V
		5895	76.42	-33.78	110.2	62.11	32.59	11.95	30.23	400	7	A	V
		5925.2	61.16	-27.04	88.2	46.78	32.63	11.99	30.24	400	7	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

UNII-4 5850~5895MHz

WIFI 802.11ax HE160_Full (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		11630	47.58	-26.42	74	58.06	39.81	17.35	67.64	-	-	P	H
		13330	49.58	-24.42	74	59.1	39.43	18.76	67.71	-	-	P	H
		13330	39.78	-14.22	54	49.3	39.43	18.76	67.71	-	-	A	H
		14480	51.83	-22.17	74	58.26	41.73	19.59	67.75	-	-	P	H
		14480	43.68	-10.32	54	50.11	41.73	19.59	67.75	-	-	A	H
		17445	51.01	-57.19	108.2	57.06	41.36	21.91	69.32	-	-	P	H
		18000	61.6	-12.4	74	60.07	48.43	22.52	69.42	-	-	P	H
		18000	52.85	-1.15	54	51.32	48.43	22.52	69.42	-	-	A	H
802.11ax HE160 Full CH 163 5815MHz													
		11630	47.2	-26.8	74	57.63	39.86	17.35	67.64	-	-	P	V
		13360	49.3	-24.7	74	58.65	39.55	18.79	67.69	-	-	P	V
		13360	40.05	-13.95	54	49.4	39.55	18.79	67.69	-	-	A	V
		14470	51.49	-22.51	74	58.1	41.57	19.58	67.76	-	-	P	V
		14470	42.89	-11.11	54	49.5	41.57	19.58	67.76	-	-	A	V
		17445	55.04	-53.16	108.2	60.95	41.5	21.91	69.32	-	-	P	V
		18000	61.68	-12.32	74	60.57	48.01	22.52	69.42	-	-	P	V
		18000	52.36	-1.64	54	51.25	48.01	22.52	69.42	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Emission above 18GHz

5GHz WIFI 802.11ax HE160 Full (SHF @ 1m)

WIFI Ant. 4+5	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 HE160 Full SHF		36480	48.37	-25.63	74	38.7	42.54	21.91	54.78	150	220	P	H
		36480	39.7	-14.3	54	30.03	42.54	21.91	54.78	150	220	A	H
		39318	52.82	-21.18	74	38.47	44.5	24.13	54.28	150	309	P	H
		39318	44.2	-9.8	54	29.85	44.5	24.13	54.28	150	309	A	H
		36480	48.31	-25.69	74	38.59	42.59	21.91	54.78	150	187	P	V
		36480	40.03	-13.97	54	30.31	42.59	21.91	54.78	150	187	A	V
		39934	52.65	-21.35	74	37.57	44.67	24.55	54.14	150	335	P	V
		39934	45.71	-8.29	54	30.63	44.67	24.55	54.14	150	335	A	V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

Emission below 1GHz

5GHz WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI Ant. 4+5	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 HE160 Full LF		71.71	25.54	-14.46	40	43.89	12.57	1.51	32.43	-	-	P	H
		125.06	31.9	-11.6	43.5	44.76	17.7	1.84	32.4	-	-	P	H
		150.28	29.36	-14.14	43.5	42.58	17.17	2.02	32.41	-	-	P	H
		250.19	28.1	-17.9	46	39.39	18.52	2.6	32.41	-	-	P	H
		746.83	37.03	-8.97	46	36.83	27.94	4.65	32.39	-	-	P	H
		874.87	37.76	-8.24	46	35.5	29.1	4.94	31.78	-	-	P	H
		51.34	33.79	-6.21	40	51.35	13.63	1.24	32.43	-	-	P	V
		125.06	33.96	-9.54	43.5	46.82	17.7	1.84	32.4	-	-	P	V
		191.02	24.64	-18.86	43.5	39.94	14.8	2.3	32.4	-	-	P	V
		250.19	24.54	-21.46	46	35.83	18.52	2.6	32.41	-	-	P	V
		746.83	34.59	-11.41	46	34.39	27.94	4.65	32.39	-	-	P	V
		874.87	37.9	-8.1	46	35.64	29.1	4.94	31.78	-	-	P	V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 169 5845MHz		5986.2	55.15	-53.05	108.2	40.7	32.65	12.06	30.26	302	111	P	H
		5909	45.33	-54.59	99.92	31.09	32.5	11.97	30.23	302	111	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 @ 5986.2MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.65(dB/m) +12.06(dB) + 40.7(dBμV) – 30.26 (dB)

= 55.15 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.15(dBμV/m) – 108.2(dBμV/m)

= -53.05(dB)

For Average Limit @ 5909MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.5(dB/m) + 11.97(dB) + 31.09(dBμV) – 30.23(dB)

= 45.33 (dBμV/m)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 45.33(dBμV/m) – 99.92(dBμV/m)

= -54.59(dB)

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

Appendix D. Radiated Spurious Emission Plots

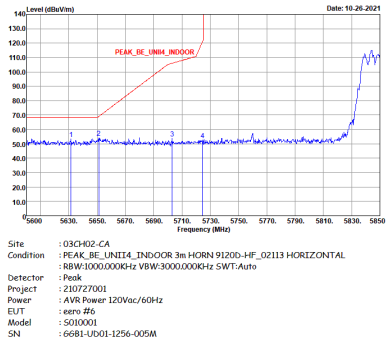
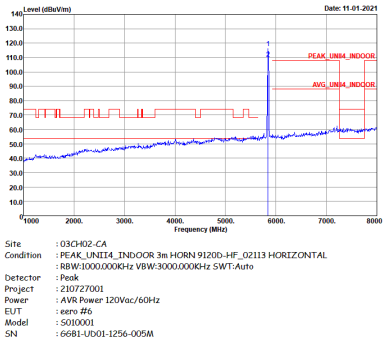
Test Engineer :	Michael Bui and Daniel Lee	Temperature :	20 ~ 24°C
		Relative Humidity :	42 ~ 48%

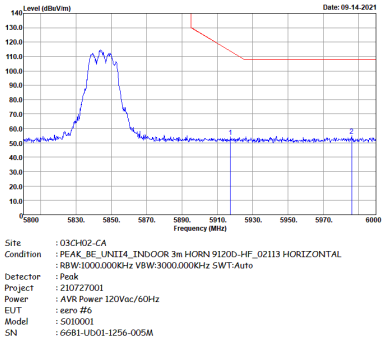
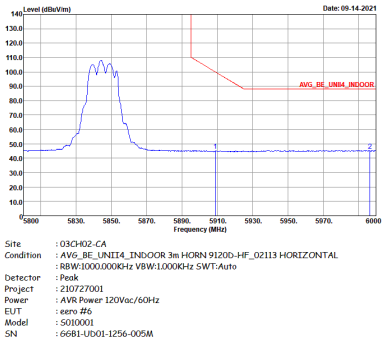
Note symbol

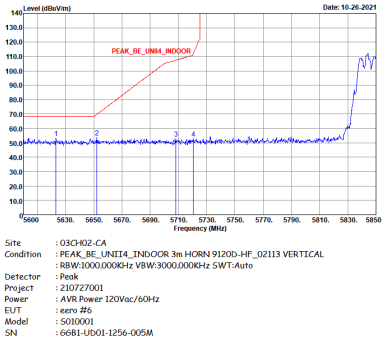
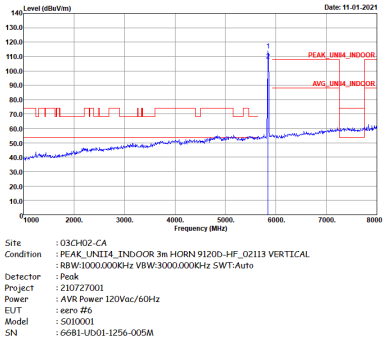
-L	**Low channel location**
-R	**High channel location**

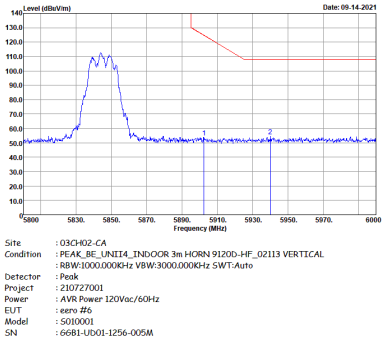
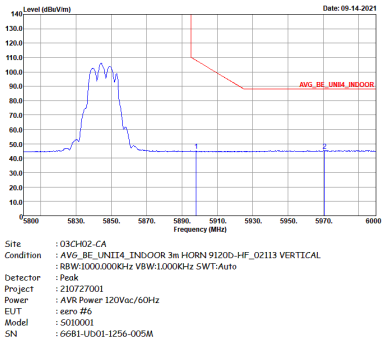
UNII-4 - 5850~5895MHz

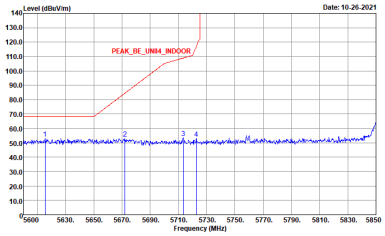
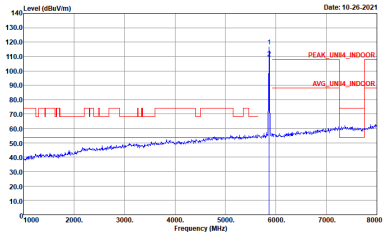
WIFI 802.11a (Band Edge @ 3m)

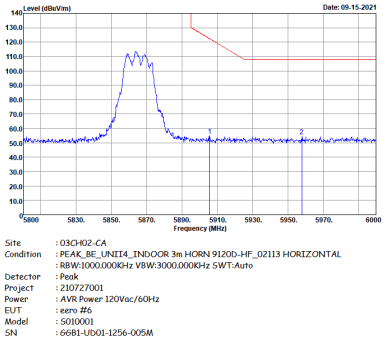
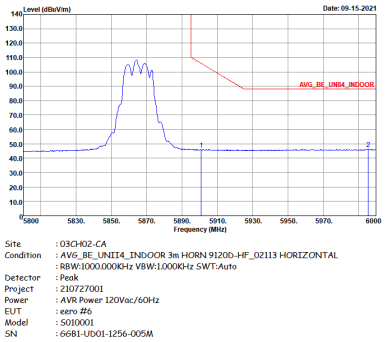
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz	
4+5	Horizontal	Fundamental
Peak		

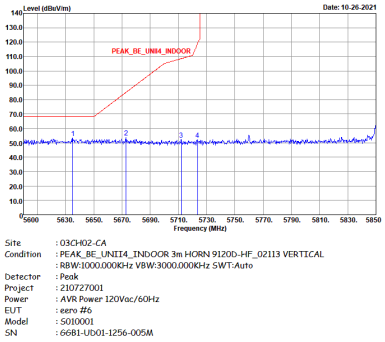
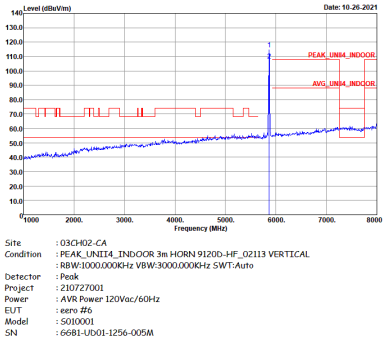
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 6681-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 6681-UD01-1256-005M	Left blank

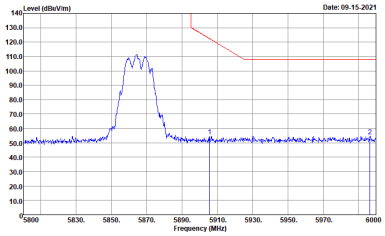
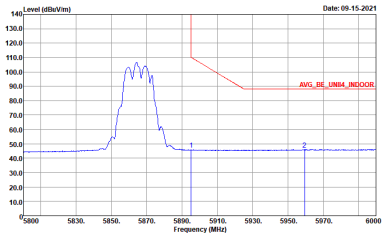
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M

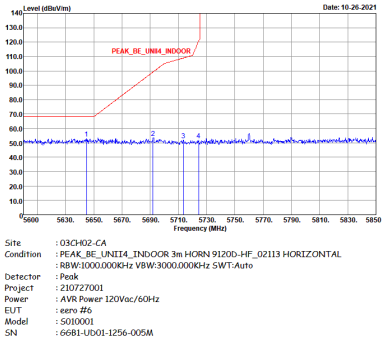
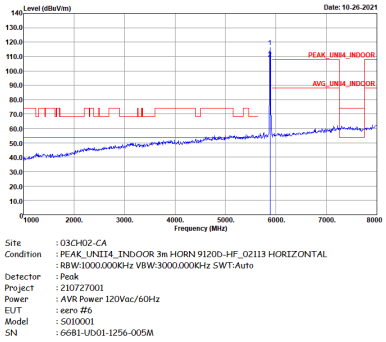
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 6681-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 6681-UD01-1256-005M	Left blank

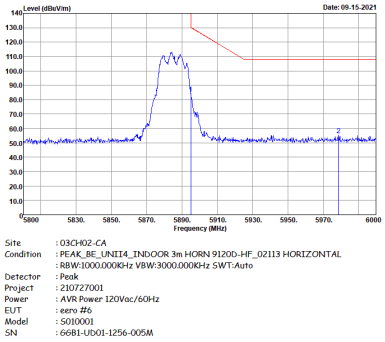
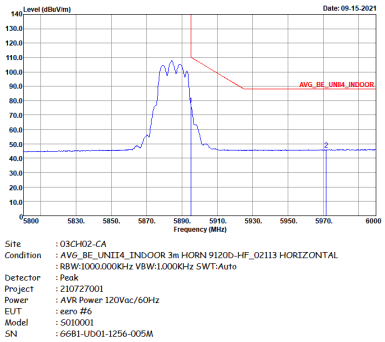
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH173 5865MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M

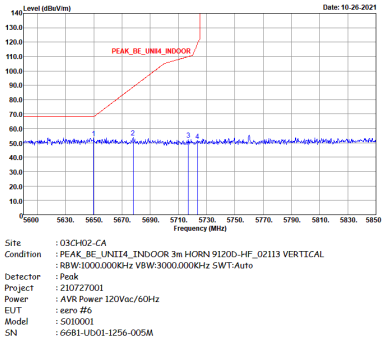
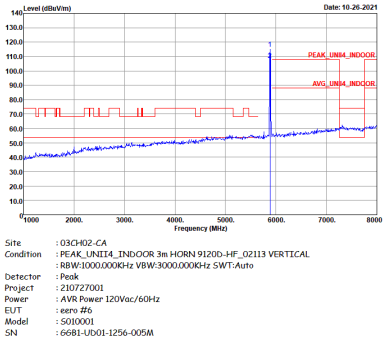
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH173 5865MHz	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

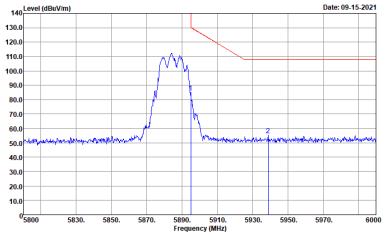
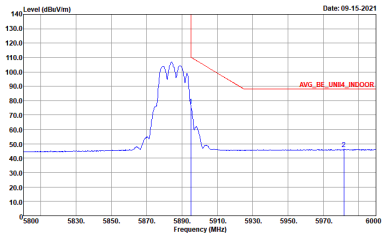
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH173 5865MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M

WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH173 5865MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 6681-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 6681-UD01-1256-005M	Left blank

WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M

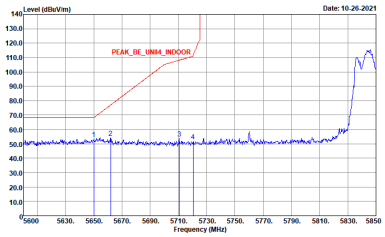
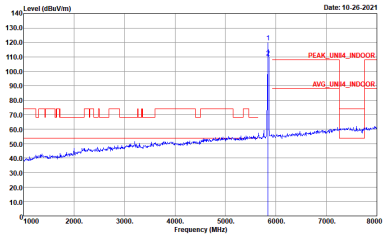
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

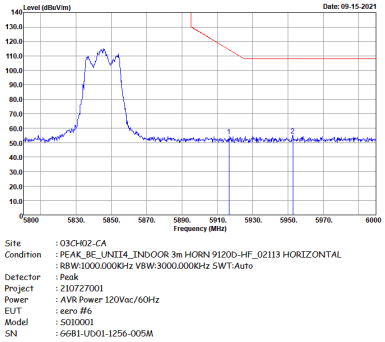
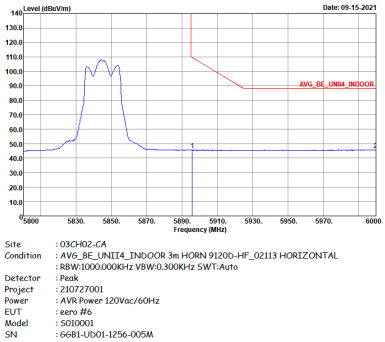
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 6681-UD01-1256-005M

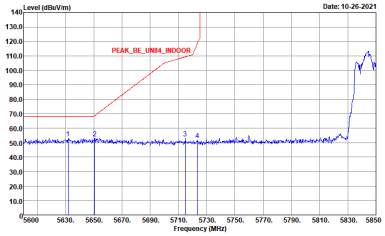
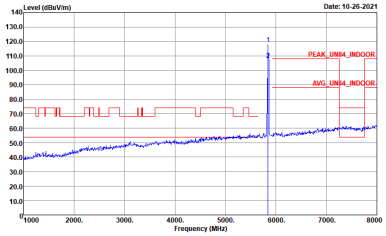
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 6681-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 6681-UD01-1256-005M	Left blank

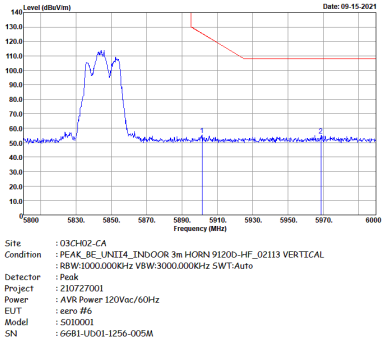
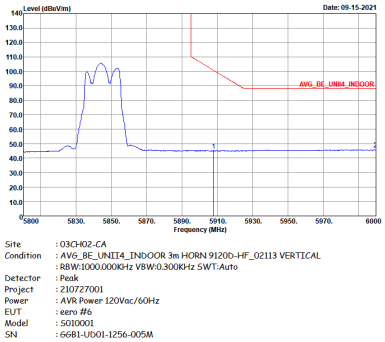
UNII-4 5850~5895MHz

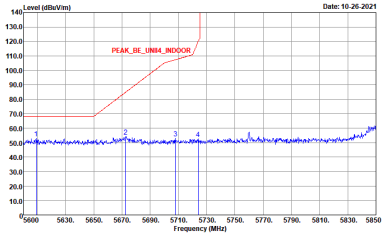
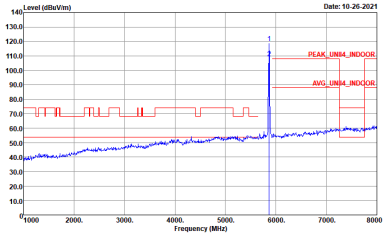
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

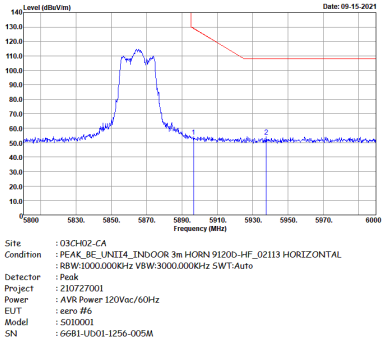
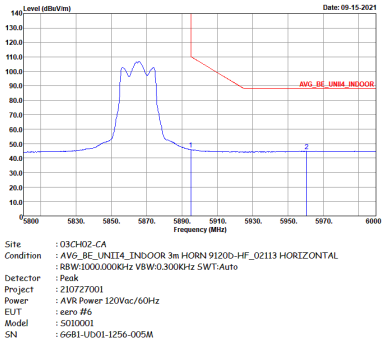
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

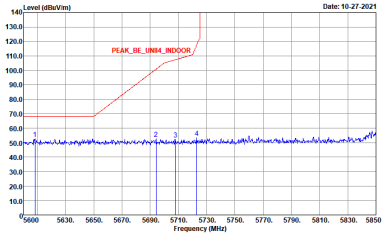
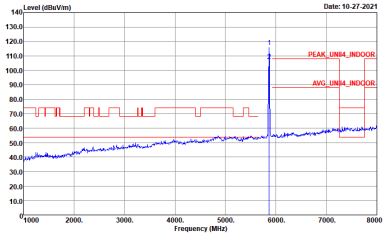
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank

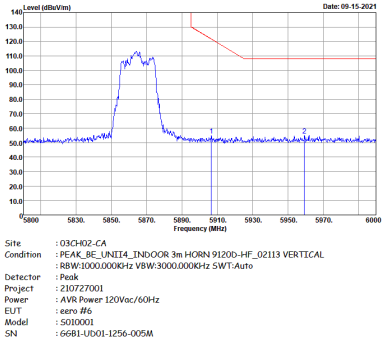
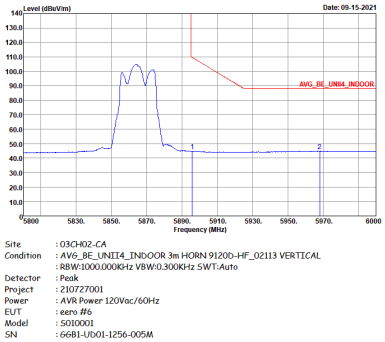
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66BI-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66BI-UD01-1256-005M

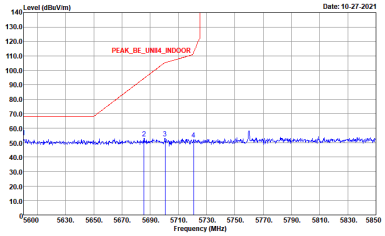
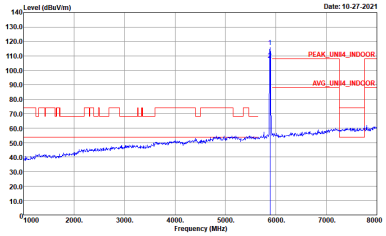
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

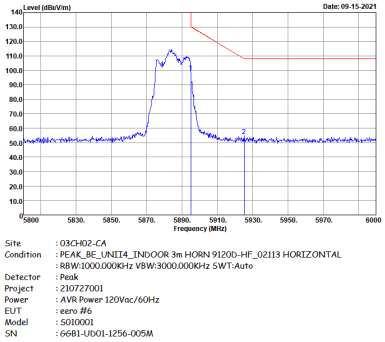
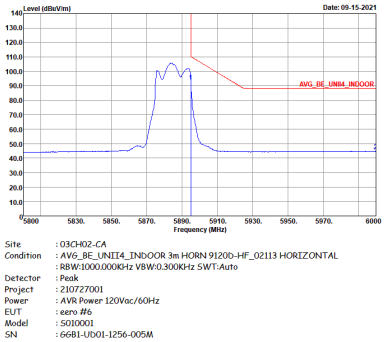
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

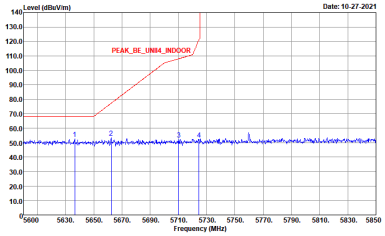
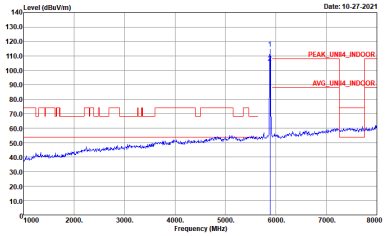
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank

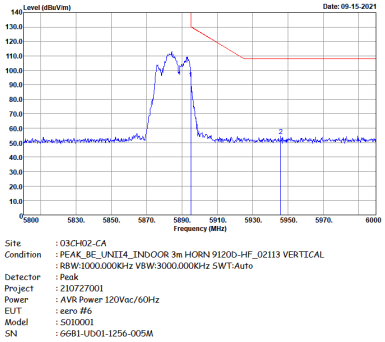
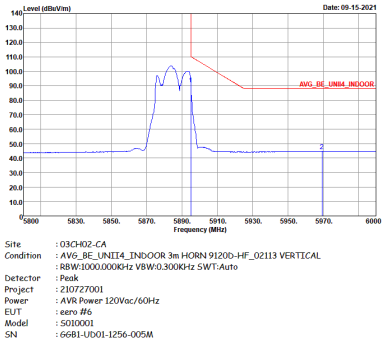
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

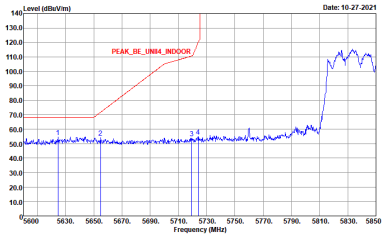
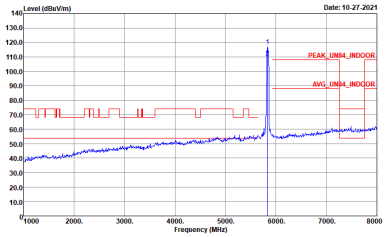
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

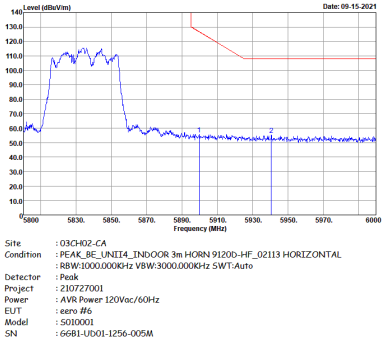
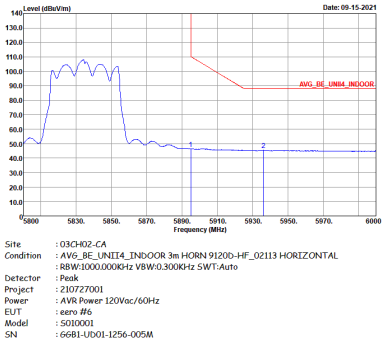
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

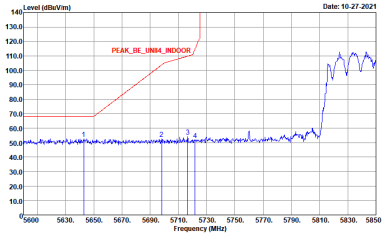
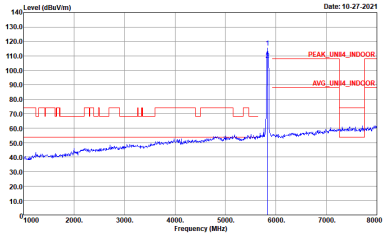
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

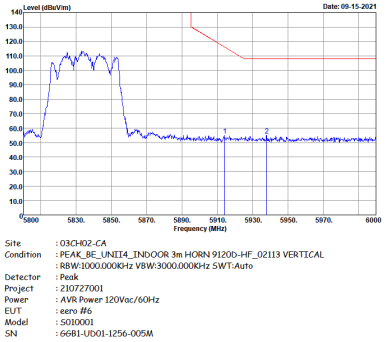
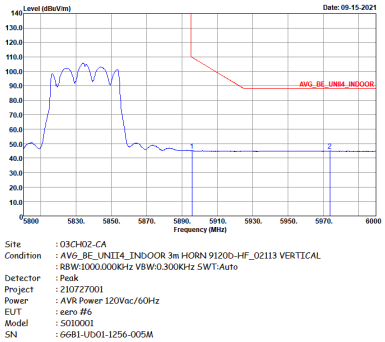
UNII-4 5850~5895MHz

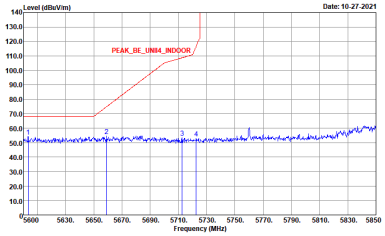
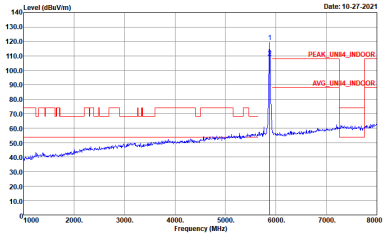
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

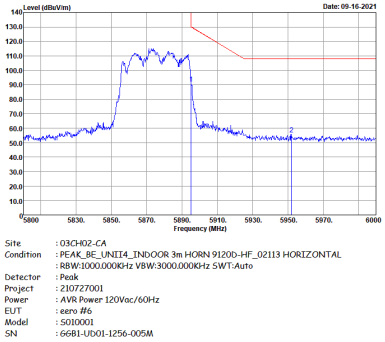
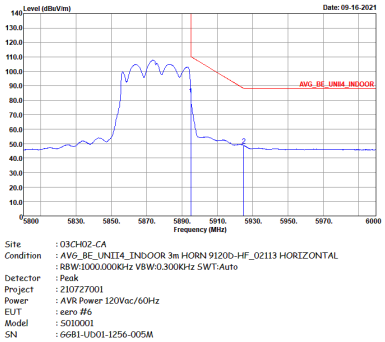
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : aero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : aero #6 Model : S010001 SN : 66B1-UD01-1256-005M

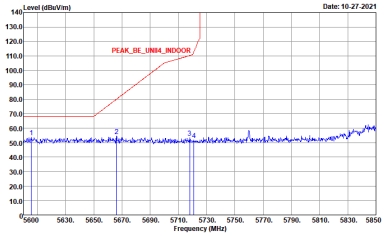
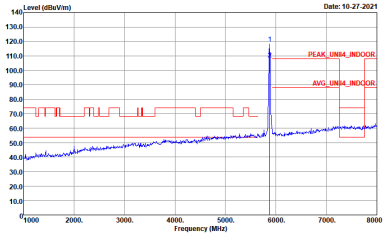
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank

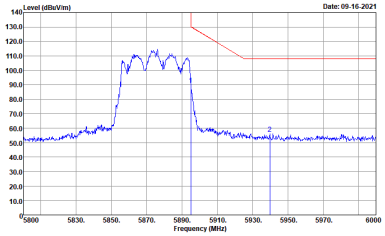
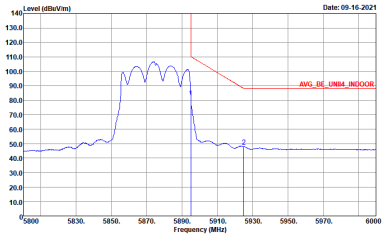
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank

WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH175 5875MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

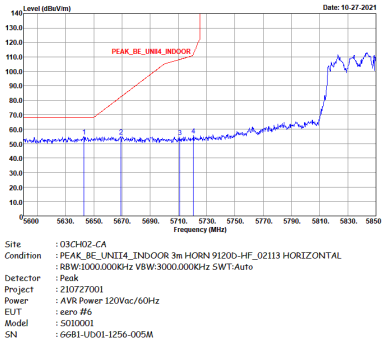
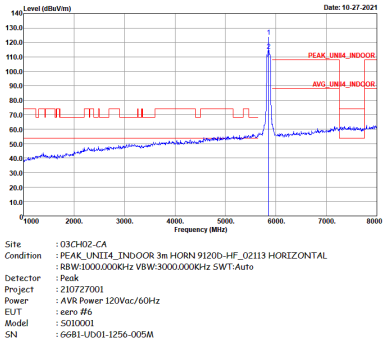
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH175 5875MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank

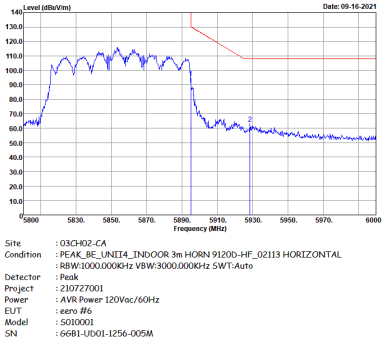
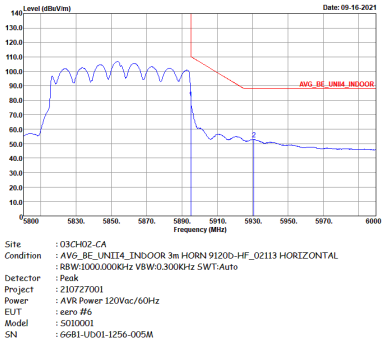
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH175 5875MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

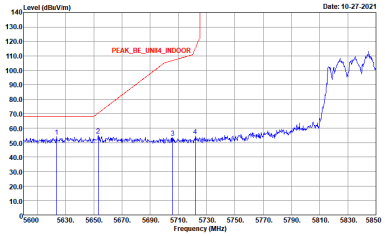
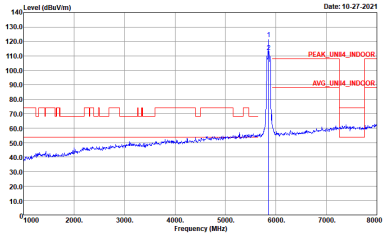
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH175 5875MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank

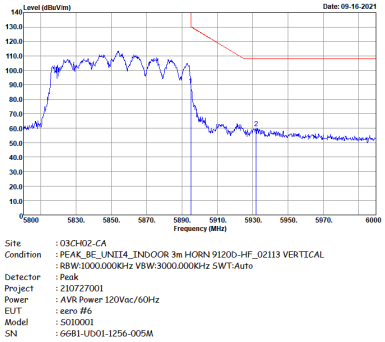
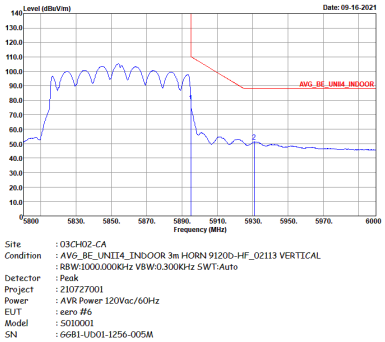
UNII-4 5850~5895MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH171 5855MHz	
4+5	Horizontal	Fundamental
Peak		

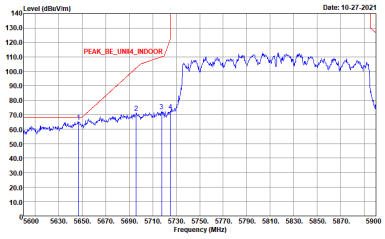
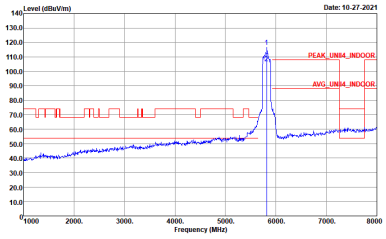
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH171 5855MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	Left blank

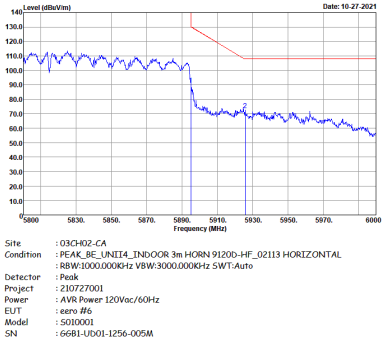
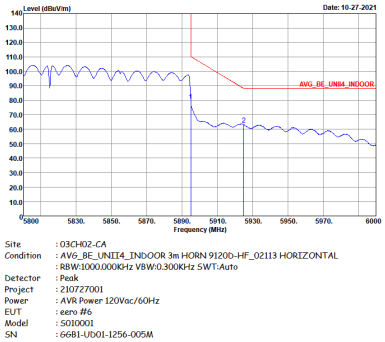
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH171 5855MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66BI-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66BI-UD01-1256-005M

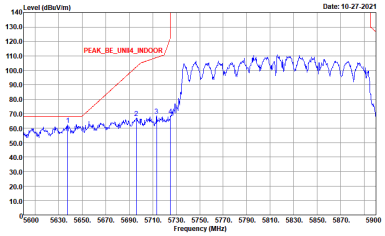
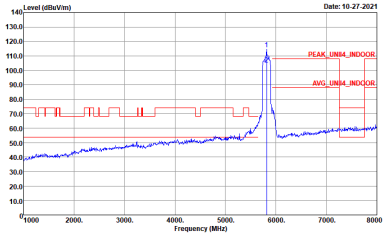
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH171 5855MHz	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

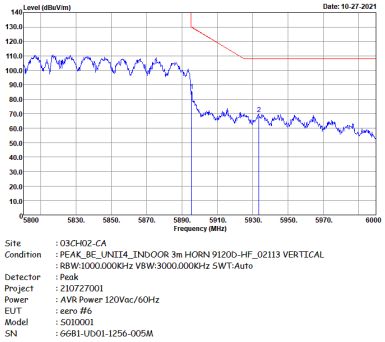
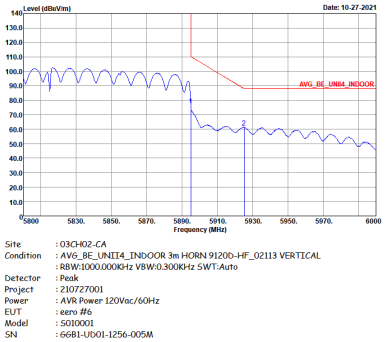
UNII-4 5850~5895MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH163 5815MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : aero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNI4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : aero #6 Model : S010001 SN : 66B1-UD01-1256-005M

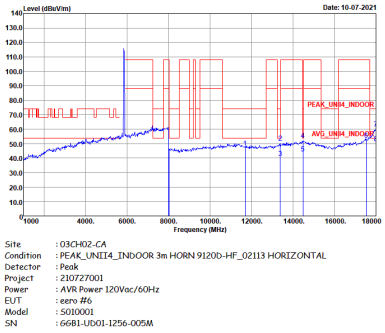
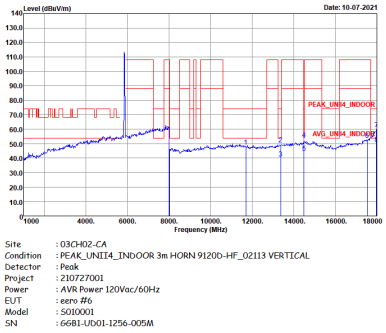
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH163 5815MHz	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

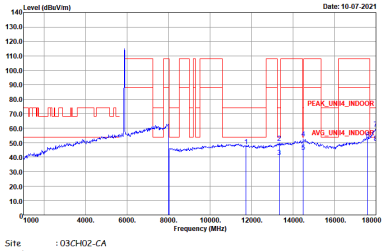
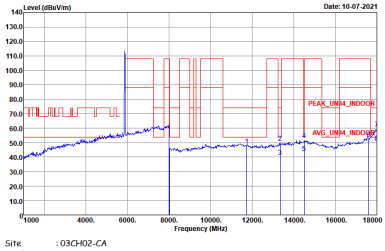
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH163 5815MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_UNI4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNI4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

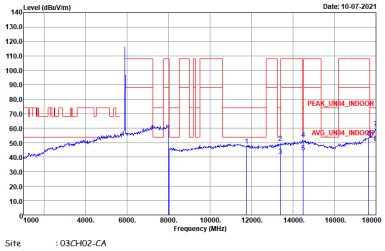
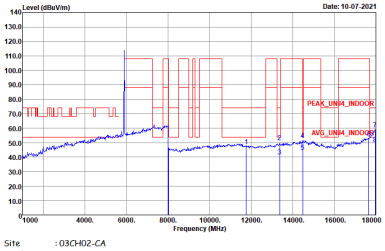
WIFI	UNII-4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH163 5815MHz	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

UNII-4 5850~5895MHz

WIFI 802.11a (Harmonic @ 3m)

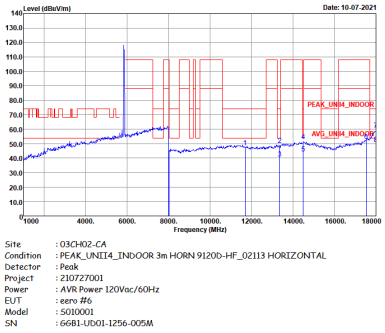
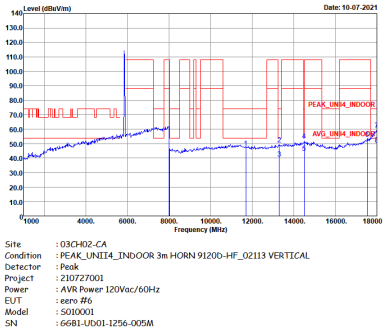
WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11a CH169 5845MHz	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

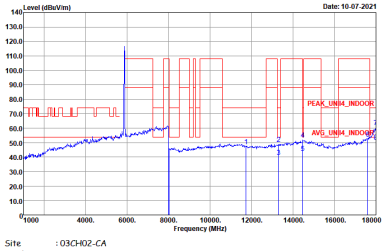
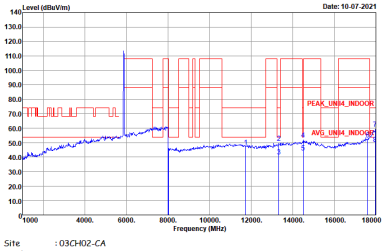
WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11a CH173 5865MHz	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

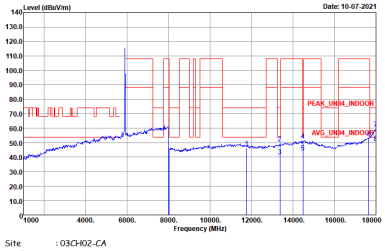
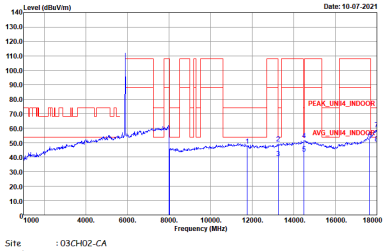
WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11a CH177 5885MHz	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

UNII-4 5850~5895MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

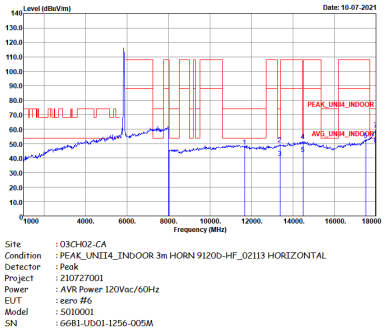
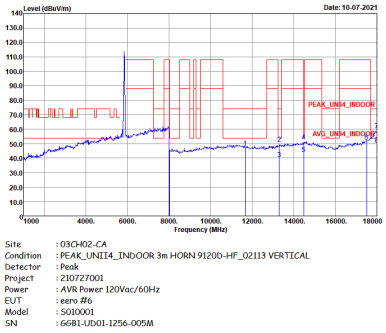
WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M

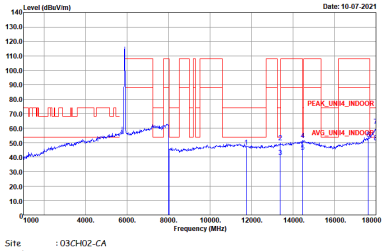
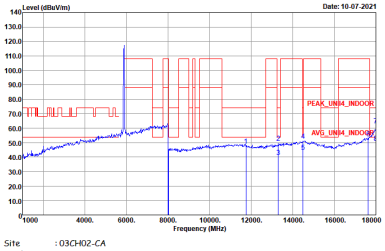
WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

UNII-4 5850~5895MHz

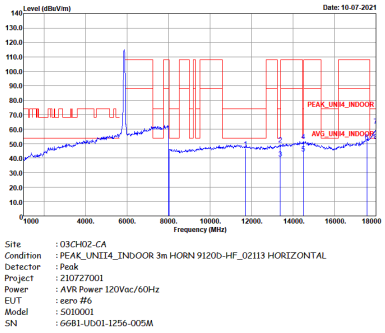
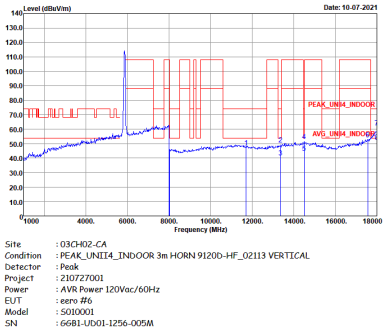
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH175 5875MHz	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 3m HORN 9120D-HF_02113 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

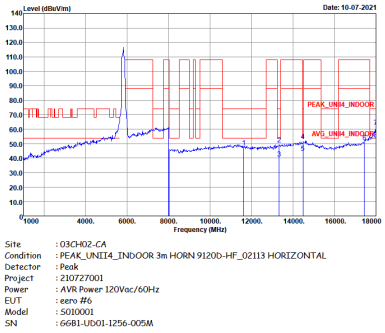
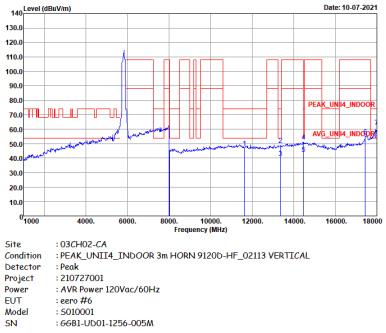
UNII-4 5850~5895MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH171 5855MHz	
4+5	Horizontal	Vertical
Peak		

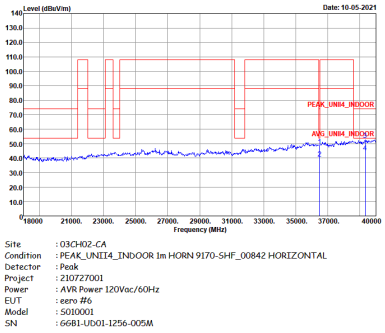
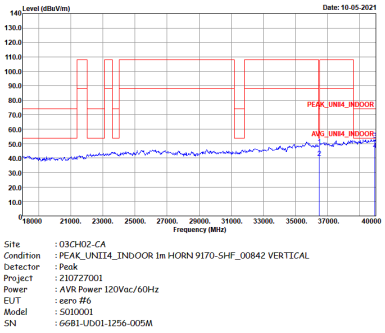
UNII-4 5850~5895MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	UNII-4 5850~5895MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH163 5815MHz	
4+5	Horizontal	Vertical
Peak		

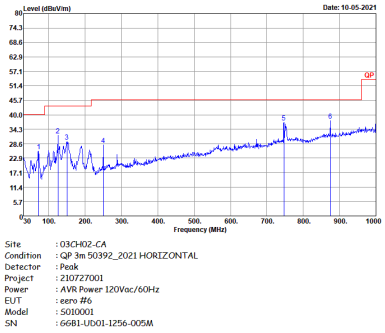
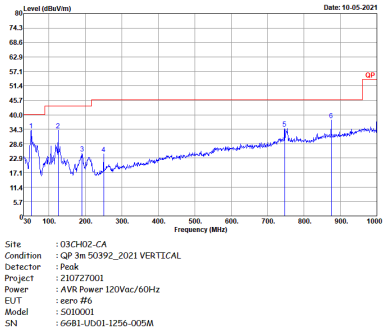
Emission above 18GHz

5GHz WIFI 802.11ax HE160 Full (SHF @ 1m)

WIFI	5GHz WIFI	
ANT	802.11ax HE160 Full SHF	
4+5	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : PEAK_UNII4_INDOOR 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : S010001 SN : 66B1-UD01-1256-005M

Emission below 1GHz

5GHz WIFI 802.11ax HE160 Full (LF @ 3m)

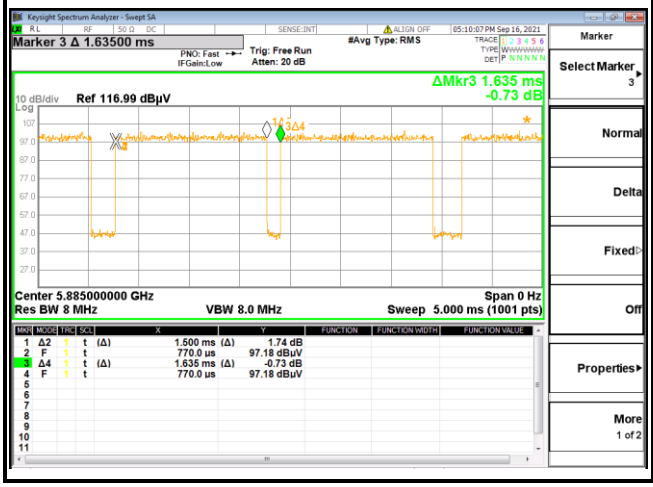
WIFI	5GHz WIFI	
ANT	802.11ax HE160 Full LF	
4+5	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 3m 50392_2021 HORIZONTAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M	 Site : 03CH02-CA Condition : QP 3m 50392_2021 VERTICAL Detector : Peak Project : 210727001 Power : AVR Power 120Vac/60Hz EUT : eero #6 Model : 5010001 SN : 66B1-UD01-1256-005M

Appendix E. Duty Cycle Plots

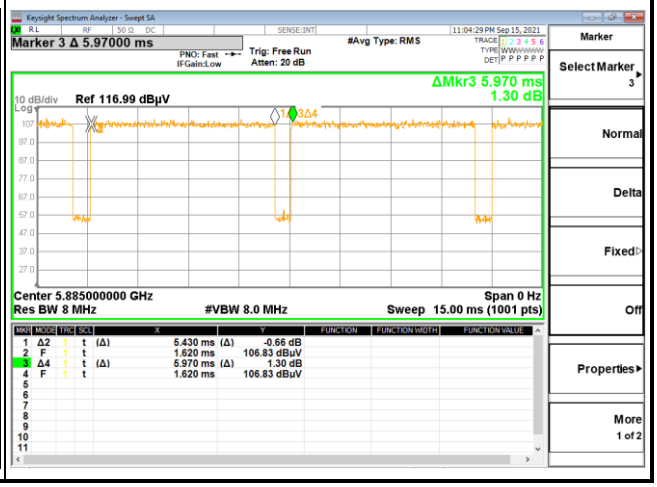
Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
4+5	802.11a	91.74	1500	0.67	1kHz
4+5	5GHz 802.11ax HE20	90.95	5430	0.18	300Hz
4+5	5GHz 802.11ax HE40	90.25	5415	0.18	300Hz
4+5	5GHz 802.11ax HE80	84.38	5400	0.19	300Hz
4+5	5GHz 802.11ax HE160	84.40	5428	0.18	300Hz

MIMO <Ant. 4+5>

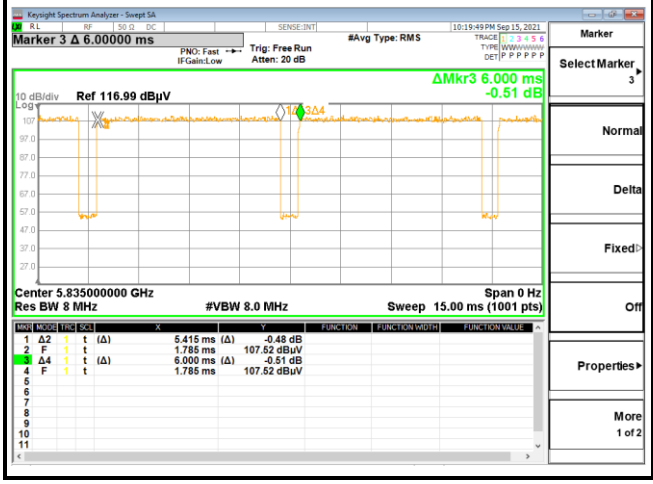
802.11a



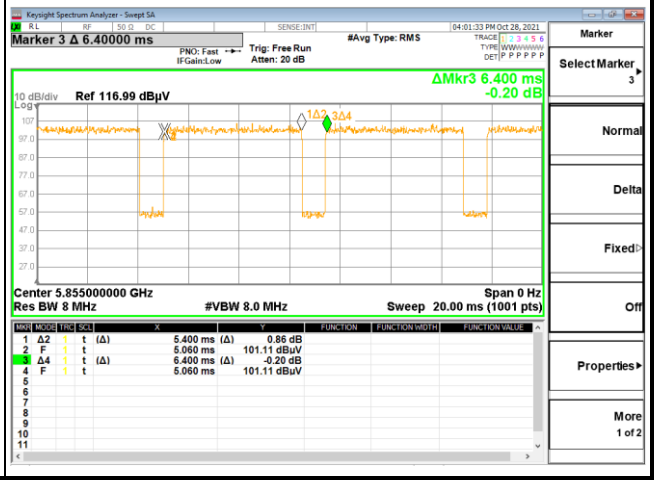
802.11ax HE20



802.11ax HE40



802.11ax HE80



802.11ax HE160