FCC RADIO TEST REPORT

FCC ID	:	2AVOB-FH7K2H
Equipment	:	AMC Dash Cart
Model Name	:	FH7K2H
Applicant	:	Amazon.com Services LLC 410 Terry Avenue N, Seattle, WA 98109-5210 United States
Trademark	:	Nalloy LLC, Amazon Retail LLC
Standard	:	FCC Part 15 Subpart E §15.407

The product was received on Aug. 16, 2024 and testing was performed from Aug. 28, 2024 to Nov. 18, 2024. 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 variant report apply exclusively to the tested model / sample. Without written approval from 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
FR241118001B	01	Initial issue of report	Nov. 27, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.403	26dB Bandwidth	Pass
3.1	2.1049	99% Occupied Bandwidth	Pass
3.2	15.407(a)	Maximum Conducted Output Power	Pass
3.3	15.407(a)	Power Spectral Density	Pass
3.4	15.407(b)	Unwanted Emissions	Pass
-	15.207	AC Conducted Emission	Not Required
3.5	15.203	Antenna Requirement	Pass

Note:

1. The power source method of the EUT is to use DC power source, and there is no other AC power port, after assessing, AC Conduction Emission test is not required.
2. This is a variant report by changing PCBA. All the test cases were performed on original report which can be referred to Sporton Report Number FR240310001-01B. Based on the original report, only worst case was verified.

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	AMC Dash Cart
Model Name	FH7K2H
FCC ID	2AVOB-FH7K2H
EUT supports Radios application	LTE/GPS/RFID WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	5150 MHz ~ 5250 MHz 5250 MHz ~ 5350 MHz 5470 MHz ~ 5725 MHz
Maximum Average Output Power to antenna	**MIMO <Ant. 1+2>:** **<5150 MHz ~ 5250 MHz>** 802.11a: 22.72 dBm / 0.1871 W 802.11n HT20: 22.99 dBm / 0.1991 W 802.11n HT40: 22.48 dBm / 0.1770 W 802.11ac VHT20: 23.09 dBm / 0.2037 W 802.11ac VHT40: 22.58 dBm / 0.1811 W 802.11ac VHT80: 19.18 dBm / 0.0828 W 802.11ax HE20: 23.19 dBm / 0.2084 W 802.11ax HE40: 22.68 dBm / 0.1854 W 802.11ax HE80: 19.28 dBm / 0.0847 W **<5250 MHz ~ 5350 MHz>** 802.11a: 22.55 dBm / 0.1799 W 802.11n HT20: 22.40 dBm / 0.1738 W 802.11n HT40: 22.75 dBm / 0.1884 W 802.11ac VHT20: 22.50 dBm / 0.1778 W 802.11ac VHT40: 22.85 dBm / 0.1928 W 802.11ac VHT80: 18.66 dBm / 0.0735 W 802.11ax HE20: 22.60 dBm / 0.1820 W 802.11ax HE40: 22.95 dBm / 0.1972 W 802.11ax HE80: 18.76 dBm / 0.0752 W **<5470 MHz ~ 5725 MHz>** 802.11a: 22.70 dBm / 0.1862 W 802.11n HT20: 22.45 dBm / 0.1758 W 802.11n HT40: 22.75 dBm / 0.1884 W 802.11ac VHT20: 22.55 dBm / 0.1799 W 802.11ac VHT40: 22.68 dBm / 0.1854 W 802.11ac VHT80: 22.89 dBm / 0.1945 W 802.11ax HE20: 22.65 dBm / 0.1841 W 802.11ax HE40: 22.78 dBm / 0.1897 W 802.11ax HE80: 22.99 dBm / 0.1991 W

<table>
<tr><th colspan="2">Product Specification is subject to this standard</th></tr>
<tr><td>99% Occupied Bandwidth</td><td>MIMO <Ant. 1>:
802.11a: 16.35 MHz
802.11ax HE20: 18.96 MHz
802.11ax HE40: 37.93 MHz
802.11ax HE80: 77.14 MHz
MIMO <Ant. 2>:
802.11a: 16.46 MHz
802.11ax HE20: 18.98 MHz
802.11ax HE40: 38.31 MHz
802.11ax HE80: 77.16 MHz</td></tr>
<tr><td>Antenna Gain</td><td><5150 MHz ~ 5250 MHz>
<Ant. 1>: Chip Antenna with gain 4.0 dBi
<Ant. 2>: Chip Antenna with gain 1.5 dBi
<5250 MHz ~ 5350 MHz>
<Ant. 1>: Chip Antenna with gain 4.0 dBi
<Ant. 2>: Chip Antenna with gain 1.5 dBi
<5470 MHz ~ 5725 MHz>
<Ant. 1>: Chip Antenna with gain 4.0 dBi
<Ant. 2>: Chip Antenna with gain 1.5 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n: OFDM (BPSK/QPSK/16QAM/64QAM)
802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
802.11ax: OFDMA
(BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)</td></tr>
<tr><td>Antenna Function Description</td><td><table><tr><th></th><th>Ant. 1</th><th>Ant. 2</th></tr><tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Remark:

1. MIMO Ant. 1+2 Directional Gain is a calculated result from MIMO Ant. 1 and MIMO Ant. 2. The formula used in calculation is documented in section 1.2.1.
2. Power of MIMO Ant. 1+ Ant. 2 is a calculated result from sum of the power MIMO Ant. 1 and MIMO Ant. 2.

1.2.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

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

For power measurements on IEEE 802.11 devices,

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.

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

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.

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

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 1	Ant 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	4.00	1.50	4.00	5.85	0.00	0.00
Band II	4.00	1.50	4.00	5.85	0.00	0.00
Band III	4.00	1.50	4.00	5.85	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT1}= 4.0dBi; G_{ANT2}=1.5dBi

Directional gain of power measurement = max(4.0, 1.5) + 0 = 4.0 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (4.00 dBi / 20) + 10^ (1.50 dBi / 20)] ^ 2 } / 2 }

=5.85 dBi

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

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 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, 03CH01-CA

FCC Designation No.: US1250

1.5 Applicable Standards

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

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

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

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: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

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

2.2 Test Mode

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.

The power for 802.11n and 802.11ac mode is smaller than 802.11ax mode, so all other conducted and radiated test is covered by 802.11ax mode.

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

MIMO Mode

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

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

MIMO <Ant. 1+2>

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

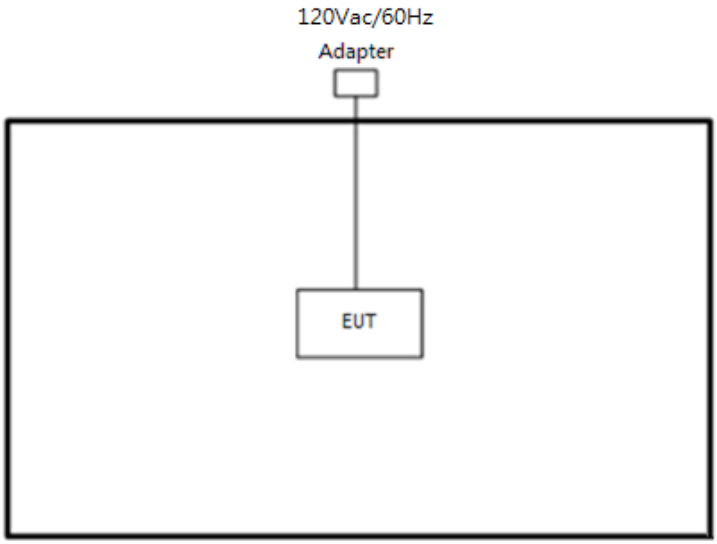
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Adapter	Delta	ADH-60DRB	NA	NA	Unshielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT Version 4.0.00201.0" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

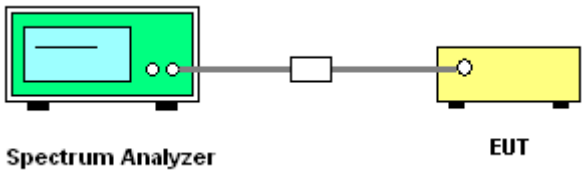
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

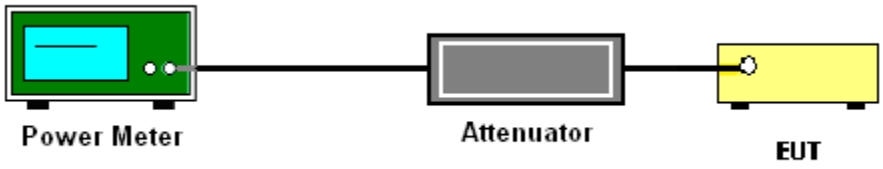
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-2 #

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

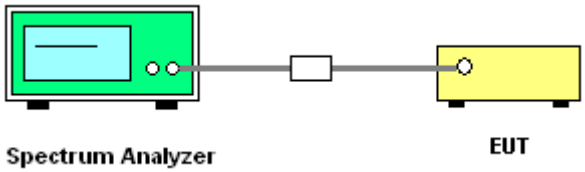
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x),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

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

1. The testing follows 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

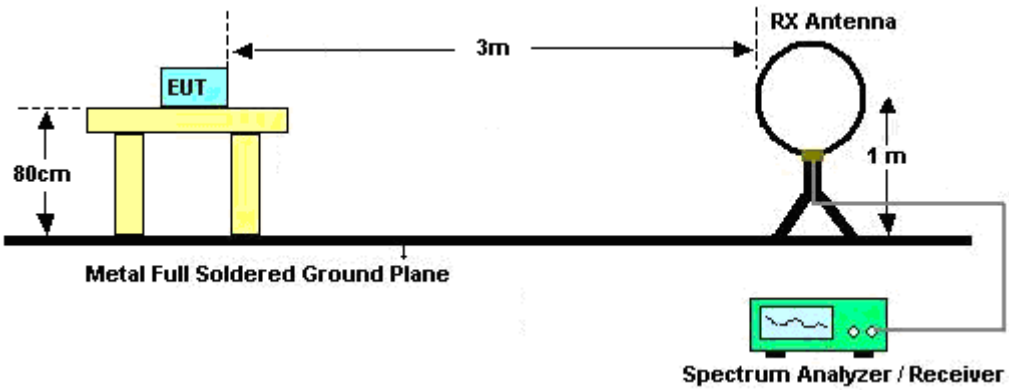
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

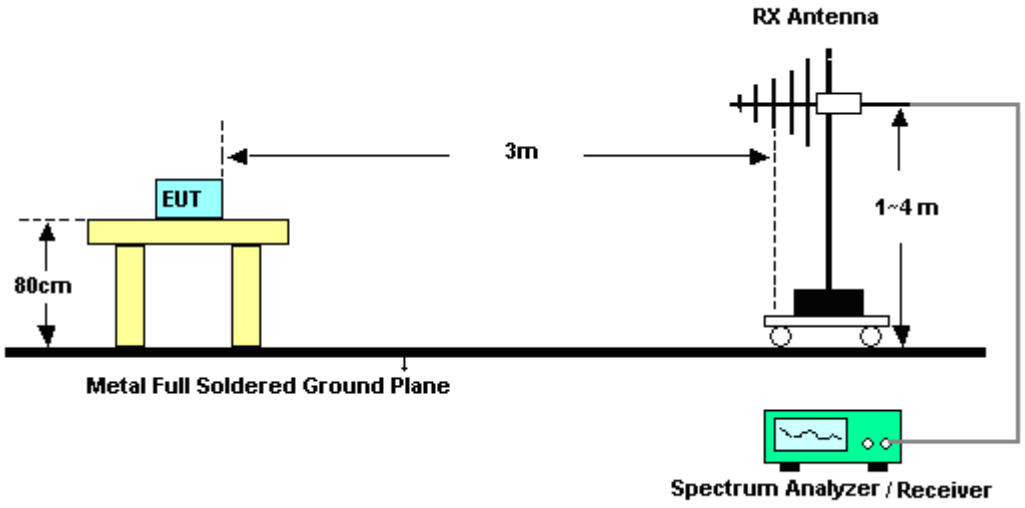
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

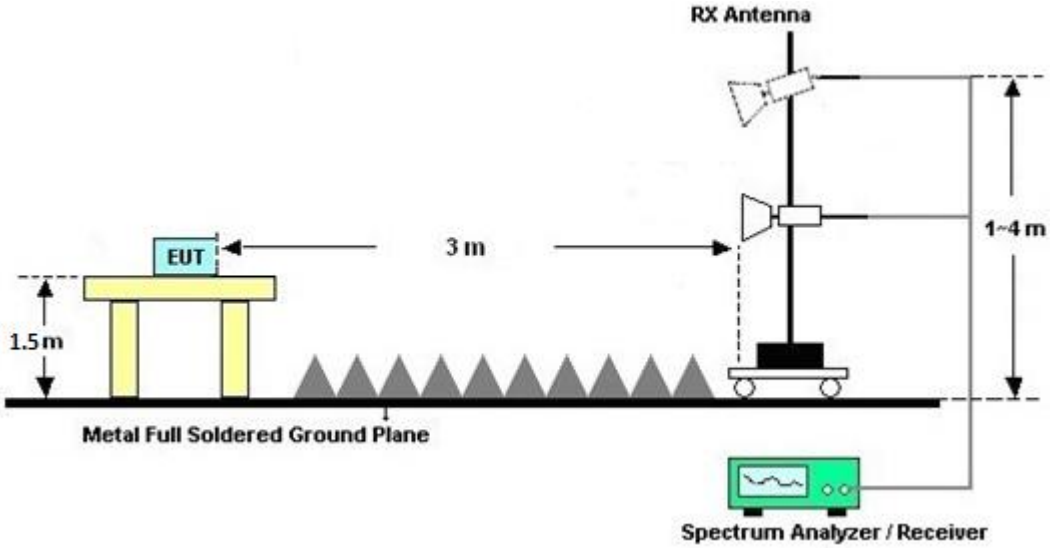
For radiated emissions below 30MHz



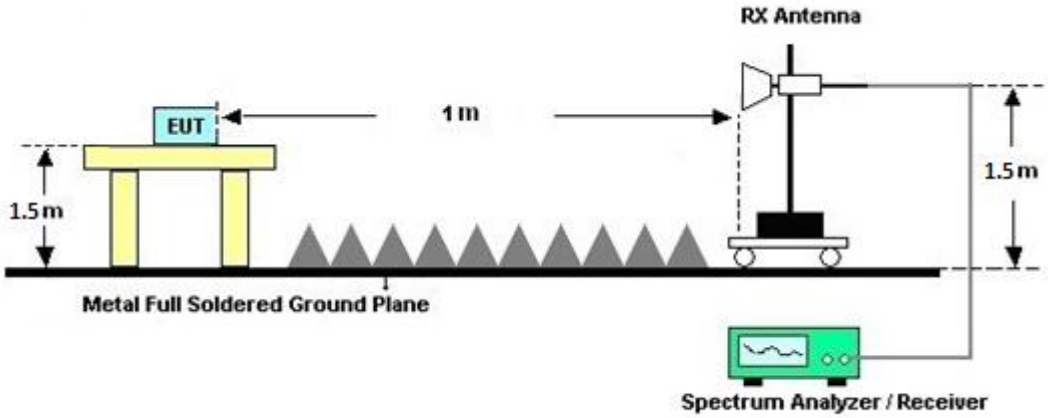
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.

3.5 Antenna Requirements

3.5.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.5.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	6111D	54683	30MHz~1GHz	Nov. 13, 2023	Aug. 28, 2024~ Nov. 05, 2024	Nov. 12, 2024	Radiation (03CH01-CA)
Loop Antenna	R&S	HFH2-Z2E	100840	9kHz~30MHz	May 02, 2024	Aug. 28, 2024~ Nov. 05, 2024	May 01, 2025	Radiation (03CH01-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02113	1GHz~18GHz	Apr. 26, 2024	Aug. 28, 2024~ Nov. 05, 2024	Apr. 25, 2025	Radiation (03CH01-CA)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00841	18GHz~40GHz	Aug. 07, 2024	Aug. 28, 2024~ Nov. 05, 2024	Aug. 06, 2025	Radiation (03CH01-CA)
Amplifier	SONOMA	310N	372241	9kHz~1GHz	Apr. 24, 2024	Aug. 28, 2024~ Nov. 05, 2024	Apr. 23, 2025	Radiation (03CH01-CA)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN8	6.75GHz High Pass Filter	Jun. 04, 2024	Aug. 28, 2024~ Nov. 05, 2024	Jun. 03, 2025	Radiation (03CH01-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN1	1.2GHz Low Pass Filter	Jun. 04, 2024	Aug. 28, 2024~ Nov. 05, 2024	Jun. 03, 2025	Radiation (03CH01-CA)
Preamplifier	Keysight	83017A	MY53270321	1GHz~26.5GHz	Apr. 25, 2024	Aug. 28, 2024~ Nov. 05, 2024	Apr. 24, 2025	Radiation (03CH01-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900252	1GHz~18GHz	Apr. 25, 2024	Aug. 28, 2024~ Nov. 05, 2024	Apr. 24, 2025	Radiation (03CH01-CA)
Preamplifier	EMEC	EMC18G40G	060725	18G-40G	Apr. 24, 2024	Aug. 28, 2024~ Nov. 05, 2024	Apr. 23, 2025	Radiation (03CH01-CA)
RF Cable	HUBER+SUHNER	SUCOFLEX 102	8015932/2, 8015762/2, 804938/2	N/A	Mar. 05, 2024	Aug. 28, 2024~ Nov. 05, 2024	Mar. 04, 2025	Radiation (03CH01-CA)
Hygrometer	TESEO	608-H1	45142559	N/A	Aug. 14, 2024	Aug. 28, 2024~ Nov. 05, 2024	Aug. 13, 2025	Radiation (03CH01-CA)
Controller	Chaintek	EM-1000	060881	Control Turn Table & Antenna Mast	N/A	Aug. 28, 2024~ Nov. 05, 2024	N/A	Radiation (03CH01-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 28, 2024~ Nov. 05, 2024	N/A	Radiation (03CH01-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 28, 2024~ Nov. 05, 2024	N/A	Radiation (03CH01-CA)
Test Software	Audix E3	E3 230621 Sporton US,V9	PK-002093	N/A	N/A	Aug. 28, 2024~ Nov. 05, 2024	N/A	Radiation (03CH01-CA)
Hygrometer	Testo	608-H1	45142602	N/A	Aug. 14, 2024	Oct. 28, 2024~ Nov. 18, 2024	Aug. 13, 2025	Conducted (TH01-CA)
Power Sensor	DARE!!	RPR3006W #10	RPR6W-2101003	10MHz-8GHz	Apr. 25, 2024	Oct. 28, 2024~ Nov. 18, 2024	Apr. 24, 2025	Conducted (TH01-CA)
Switch Box	EM Electronics	EMSW18	1070901	N/A	Jul. 16, 2024	Oct. 28, 2024~ Nov. 18, 2024	Jul. 15, 2025	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101545	10Hz-40GHz	Apr. 25, 2024	Oct. 28, 2024~ Nov. 18, 2024	Apr. 24, 2025	Conducted (TH01-CA)

5 Measurement Uncertainty

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))	**5.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.5 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Ju Chang	Temperature:	19.9-22.6	°C
Test Date:	2024/10/28-2024/11/18	Relative Humidity:	29-46.6	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.33	16.35	18.97	18.78	-		22.13			
11a	6Mbps	2	44	5220	16.34	16.40	18.93	20.54	-		22.13			
11a	6Mbps	2	48	5240	16.33	16.38	18.93	19.78	-		22.13			

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	17.90	18.82	21.39	24.00		4.00		Pass
11a	6Mbps	2	44	5220	19.20	20.17	22.72	24.00		4.00		Pass
11a	6Mbps	2	48	5240	19.05	19.98	22.55	24.00		4.00		Pass
HT20	MCS0	2	36	5180	17.00	18.07	20.58	24.00		4.00		Pass
HT20	MCS0	2	44	5220	19.55	20.37	22.99	24.00		4.00		Pass
HT20	MCS0	2	48	5240	19.40	20.17	22.81	24.00		4.00		Pass
HT40	MCS0	2	38	5190	15.40	16.57	19.03	24.00		4.00		Pass
HT40	MCS0	2	46	5230	18.90	19.97	22.48	24.00		4.00		Pass
VHT20	MCS0	2	36	5180	17.10	18.17	20.68	24.00		4.00		Pass
VHT20	MCS0	2	44	5220	19.65	20.47	23.09	24.00		4.00		Pass
VHT20	MCS0	2	48	5240	19.50	20.27	22.91	24.00		4.00		Pass
VHT40	MCS0	2	38	5190	15.50	16.67	19.13	24.00		4.00		Pass
VHT40	MCS0	2	46	5230	19.00	20.07	22.58	24.00		4.00		Pass
VHT80	MCS0	2	42	5210	15.60	16.67	19.18	24.00		4.00		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180			9.32	11.00		5.85			Pass
11a	6Mbps	2	44	5220			10.85	11.00		5.85			Pass
11a	6Mbps	2	48	5240			10.73	11.00		5.85			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.34	16.40	19.00	20.55	23.13		29.13		23.79		
11a	6Mbps	2	60	5300	16.33	16.44	19.22	21.20	23.13		29.13		23.84		
11a	6Mbps	2	64	5320	16.32	16.37	18.80	19.62	23.13		29.13		23.74		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	19.20	19.86	22.55	23.79		4.00		26.99	Pass
11a	6Mbps	2	60	5300	19.10	19.76	22.45	23.84		4.00		26.99	Pass
11a	6Mbps	2	64	5320	17.80	18.46	21.15	23.74		4.00		26.99	Pass
HT20	MCS0	2	52	5260	19.00	19.66	22.35	23.98		4.00		26.99	Pass
HT20	MCS0	2	60	5300	19.10	19.66	22.40	23.98		4.00		26.99	Pass
HT20	MCS0	2	64	5320	17.60	18.26	20.95	23.98		4.00		26.99	Pass
HT40	MCS0	2	54	5270	19.40	20.06	22.75	23.98		4.00		26.99	Pass
HT40	MCS0	2	62	5310	15.30	16.46	18.93	23.98		4.00		26.99	Pass
VHT20	MCS0	2	52	5260	19.10	19.76	22.45	23.98		4.00		26.99	Pass
VHT20	MCS0	2	60	5300	19.20	19.76	22.50	23.98		4.00		26.99	Pass
VHT20	MCS0	2	64	5320	17.70	18.36	21.05	23.98		4.00		26.99	Pass
VHT40	MCS0	2	54	5270	19.50	20.16	22.85	23.98		4.00		26.99	Pass
VHT40	MCS0	2	62	5310	15.40	16.56	19.03	23.98		4.00		26.99	Pass
VHT80	MCS0	2	58	5290	15.20	16.06	18.66	23.98		4.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260			10.76	11.00		5.85			Pass
11a	6Mbps	2	60	5300			10.71	11.00		5.85			Pass
11a	6Mbps	2	64	5320			9.36	11.00		5.85			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.32	16.45	19.12	22.33	23.13		29.13		23.81		----	----
11a	6Mbps	2	116	5580	16.33	16.46	19.23	22.42	23.13		29.13		23.84		----	----
11a	6Mbps	2	140	5700	16.35	16.35	19.05	18.62	23.13		29.13		23.70		----	----

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	13.15	13.13	14.46	14.30	22.18		28.18		22.55		2.82	3.205

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	18.79	19.35	22.09	23.81		4.00		26.99	Pass
11a	6Mbps	2	116	5580	19.29	20.05	22.70	23.84		4.00		26.99	Pass
11a	6Mbps	2	140	5700	16.49	17.45	20.01	23.70		4.00		26.99	Pass
HT20	MCS0	2	100	5500	17.39	18.15	20.80	23.98		4.00		26.99	Pass
HT20	MCS0	2	116	5580	18.99	19.85	22.45	23.98		4.00		26.99	Pass
HT20	MCS0	2	140	5700	16.19	17.25	19.76	23.98		4.00		26.99	Pass
HT40	MCS0	2	102	5510	15.99	17.05	22.75	23.98		4.00		26.99	Pass
HT40	MCS0	2	110	5550	18.89	20.15	22.58	23.98		4.00		26.99	Pass
HT40	MCS0	2	134	5670	18.49	19.25	18.93	23.98		4.00		26.99	Pass
VHT20	MCS0	2	100	5500	17.49	18.25	20.90	23.98		4.00		26.99	Pass
VHT20	MCS0	2	116	5580	19.09	19.95	22.55	23.98		4.00		26.99	Pass
VHT20	MCS0	2	140	5700	16.29	17.35	19.86	23.98		4.00		26.99	Pass
VHT40	MCS0	2	102	5510	16.09	17.15	19.66	23.98		4.00		26.99	Pass
VHT40	MCS0	2	110	5550	18.99	20.25	22.68	23.98		4.00		26.99	Pass
VHT40	MCS0	2	134	5670	18.59	19.35	22.00	23.98		4.00		26.99	Pass
VHT80	MCS0	2	106	5530	14.59	16.35	18.57	23.98		4.00		26.99	Pass
VHT80	MCS0	2	122	5610	18.29	19.65	22.03	23.98		4.00		26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	16.69	17.25	19.99	22.55		4.00		26.99	Pass
HT20	MCS0	2	144	5720	16.89	17.45	20.19	23.98		4.00		26.99	Pass
HT40	MCS0	2	142	5710	19.09	19.85	22.50	23.98		4.00		26.99	Pass
VHT20	MCS0	2	144	5720	16.99	17.55	20.29	23.98		4.00		26.99	Pass
VHT40	MCS0	2	142	5710	19.19	19.95	22.60	23.98		4.00		26.99	Pass
VHT80	MCS0	2	138	5690	19.59	20.15	22.89	23.98		4.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500			10.00	11.00		5.85			Pass
11a	6Mbps	2	116	5580			10.75	11.00		5.85			Pass
11a	6Mbps	2	140	5700			7.95	11.00		5.85			Pass

Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720			7.89	11.00		5.85			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	18.89	18.90	20.85	21.28	-		22.76			
HE20	MCS0	2	44	5220	Full	18.91	18.98	20.99	23.98	-		22.77			
HE20	MCS0	2	48	5240	Full	18.96	18.96	23.34	26.25	-		22.78			
HE40	MCS0	2	38	5190	Full	37.80	37.80	41.20	41.15	-		23.01			
HE40	MCS0	2	46	5230	Full	37.85	37.99	41.04	42.94	-		23.01			
HE80	MCS0	2	42	5210	Full	77.07	77.03	82.43	82.53	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	17.20	18.27	20.78	24.00		4.00			Pass
HE20	MCS0	2	44	5220	Full	19.75	20.57	23.19	24.00		4.00			Pass
HE20	MCS0	2	48	5240	Full	19.60	20.37	23.01	24.00		4.00			Pass
HE40	MCS0	2	38	5190	Full	15.60	16.77	19.23	24.00		4.00			Pass
HE40	MCS0	2	46	5230	Full	19.10	20.17	22.68	24.00		4.00			Pass
HE80	MCS0	2	42	5210	Full	15.70	16.77	19.28	24.00		4.00			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full			8.61	11.00		5.85			Pass
HE20	MCS0	2	44	5220	Full			10.96	11.00		5.85			Pass
HE20	MCS0	2	48	5240	Full			10.86	11.00		5.85			Pass
HE40	MCS0	2	38	5190	Full			4.35	11.00		5.85			Pass
HE40	MCS0	2	46	5230	Full			7.86	11.00		5.85			Pass
HE80	MCS0	2	42	5210	Full			1.27	11.00		5.85			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	52	5260	Full	18.93	18.97	20.89	23.50	23.77		29.77		23.98		
HE20	MCS0	2	60	5300	Full	18.91	18.96	20.87	23.82	23.77		29.77		23.98		
HE20	MCS0	2	64	5320	Full	18.89	18.89	20.84	20.70	23.76		29.76		23.98		
HE40	MCS0	2	54	5270	Full	37.93	38.16	41.30	61.90	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.79	37.81	41.18	41.10	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	76.94	77.00	82.34	82.37	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	19.20	19.86	22.55	23.98		4.00		26.99	Pass
HE20	MCS0	2	60	5300	Full	19.30	19.86	22.60	23.98		4.00		26.99	Pass
HE20	MCS0	2	64	5320	Full	17.80	18.46	21.15	23.98		4.00		26.99	Pass
HE40	MCS0	2	54	5270	Full	19.60	20.26	22.95	23.98		4.00		26.99	Pass
HE40	MCS0	2	62	5310	Full	15.50	16.66	19.13	23.98		4.00		26.99	Pass
HE80	MCS0	2	58	5290	Full	15.30	16.16	18.76	23.98		4.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full			10.37	11.00		5.85			Pass
HE20	MCS0	2	60	5300	Full			10.31	11.00		5.85			Pass
HE20	MCS0	2	64	5320	Full			8.97	11.00		5.85			Pass
HE40	MCS0	2	54	5270	Full			8.19	11.00		5.85			Pass
HE40	MCS0	2	62	5310	Full			4.28	11.00		5.85			Pass
HE80	MCS0	2	58	5290	Full			0.89	11.00		5.85			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	18.90	18.87	20.94	21.10	23.76		29.76		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.88	18.95	20.85	23.94	23.76		29.76		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.85	18.86	20.75	20.66	23.75		29.75		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.82	37.77	41.22	41.30	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.88	38.31	41.25	68.77	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.79	37.92	41.18	42.22	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.14	77.04	81.95	81.47	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	76.97	77.16	81.89	86.46	23.98		30.00		23.98		----	----

Band III straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	14.39	14.38	15.26	15.26	22.58		28.58		22.83		4.51	4.49
HE40	MCS0	2	142	5710	Full	33.91	34.00	35.67	36.26	23.98		30.00		23.98		3.594	3.558
HE80	MCS0	2	138	5690	Full	73.47	73.66	75.93	86.55	23.98		30.00		23.98		3.672	4.368

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	17.59	18.35	21.00	23.98		4.00		26.99	Pass
HE20	MCS0	2	116	5580	Full	19.19	20.05	22.65	23.98		4.00		26.99	Pass
HE20	MCS0	2	140	5700	Full	16.39	17.45	19.96	23.98		4.00		26.99	Pass
HE40	MCS0	2	102	5510	Full	16.19	17.25	19.76	23.98		4.00		26.99	Pass
HE40	MCS0	2	110	5550	Full	19.09	20.35	22.78	23.98		4.00		26.99	Pass
HE40	MCS0	2	134	5670	Full	18.69	19.45	22.10	23.98		4.00		26.99	Pass
HE80	MCS0	2	106	5530	Full	14.69	16.45	18.67	23.98		4.00		26.99	Pass
HE80	MCS0	2	122	5610	Full	18.39	19.75	22.13	23.98		4.00		26.99	Pass

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full	17.09	17.65	20.39	22.83		4.00		26.99	Pass
HE40	MCS0	2	142	5710	Full	19.29	20.05	22.70	23.98		4.00		26.99	Pass
HE80	MCS0	2	138	5690	Full	19.69	20.25	22.99	23.98		4.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

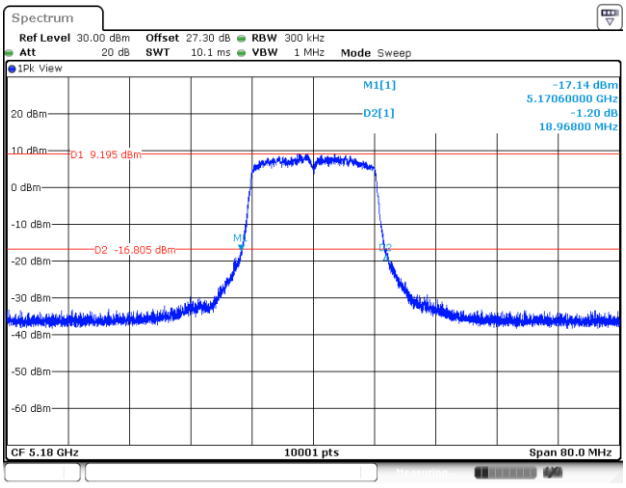
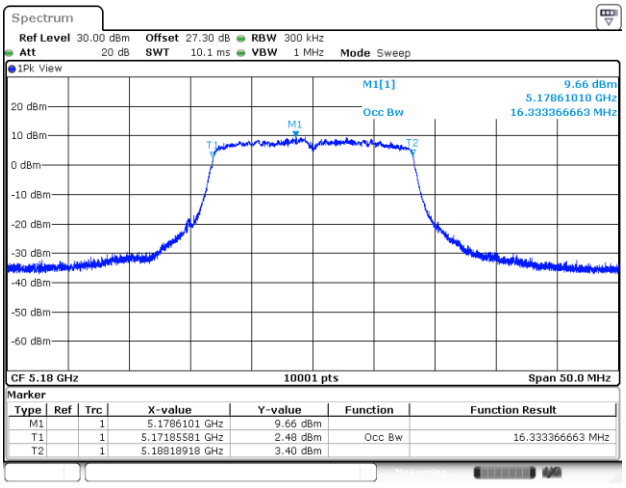
Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	100	5500	Full			8.88	11.00		5.85		Pass
HE20	MCS0	2	116	5580	Full			10.37	11.00		5.85		Pass
HE20	MCS0	2	140	5700	Full			7.54	11.00		5.85		Pass
HE40	MCS0	2	102	5510	Full			4.92	11.00		5.85		Pass
HE40	MCS0	2	110	5550	Full			7.87	11.00		5.85		Pass
HE40	MCS0	2	134	5670	Full			6.85	11.00		5.85		Pass
HE80	MCS0	2	106	5530	Full			1.12	11.00		5.85		Pass
HE80	MCS0	2	122	5610	Full			4.47	11.00		5.85		Pass

Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	144	5720	Full			7.98	11.00		5.85		Pass
HE40	MCS0	2	142	5710	Full			7.45	11.00		5.85		Pass
HE80	MCS0	2	138	5690	Full			5.28	11.00		5.85		Pass

Test Result of 26dB & 99% Occupied Bandwidth

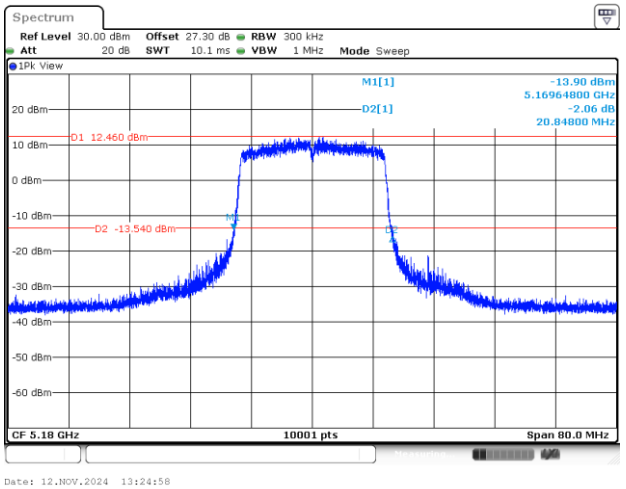
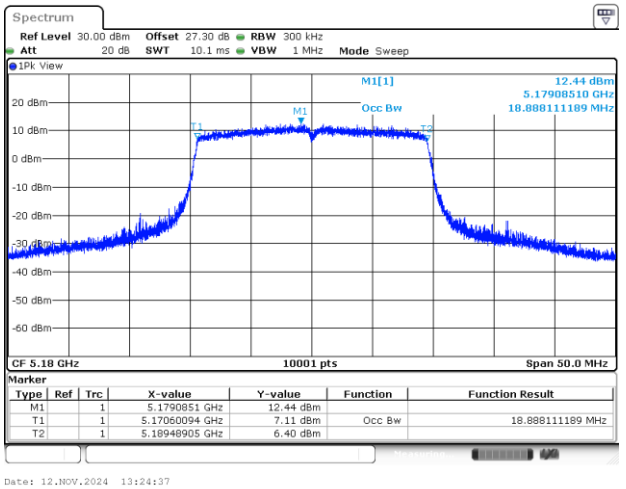
MIMO <Ant. 1+2>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

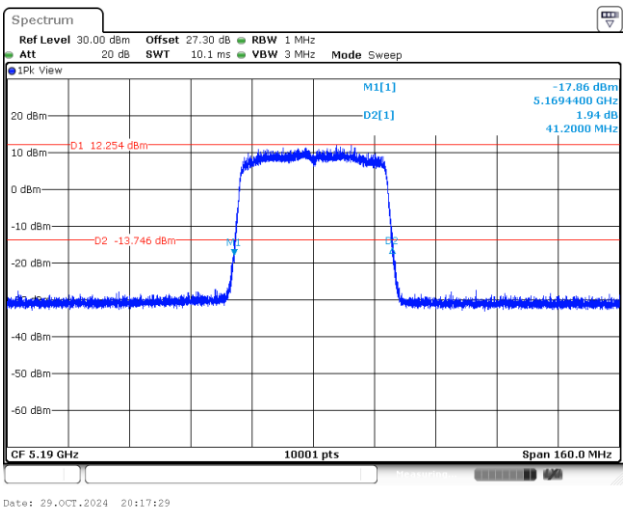
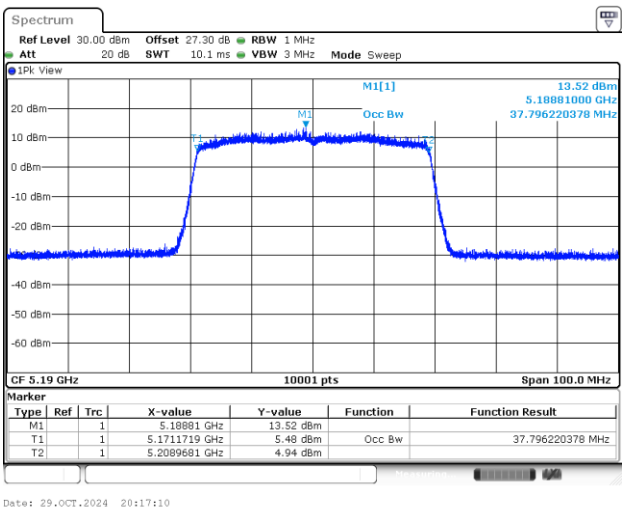
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

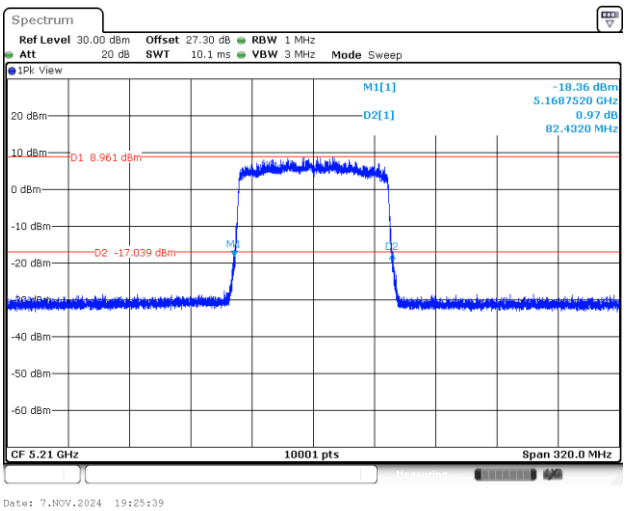
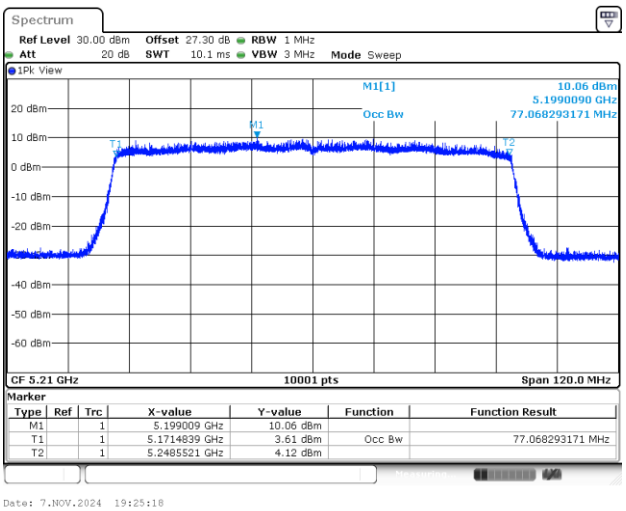
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40>

26dB Bandwidth	99% Occupied Bandwidth
	

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

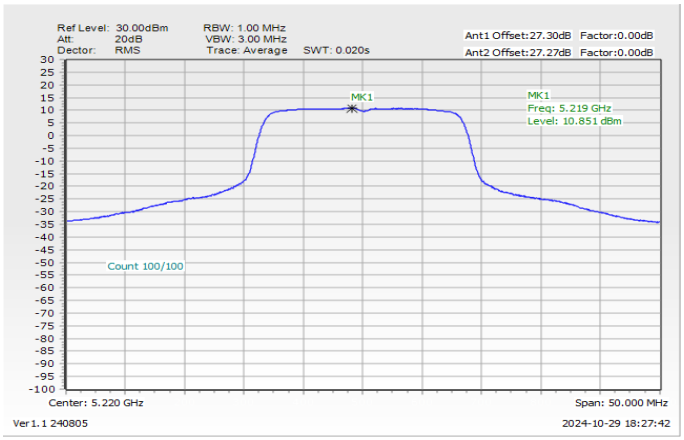
<802.11ax HE80>

26dB Bandwidth	99% Occupied Bandwidth
	

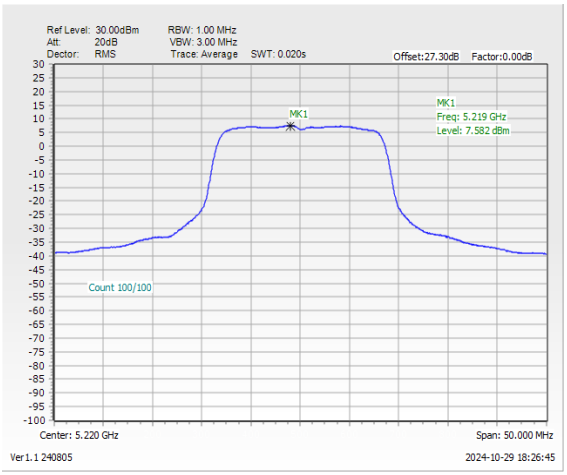
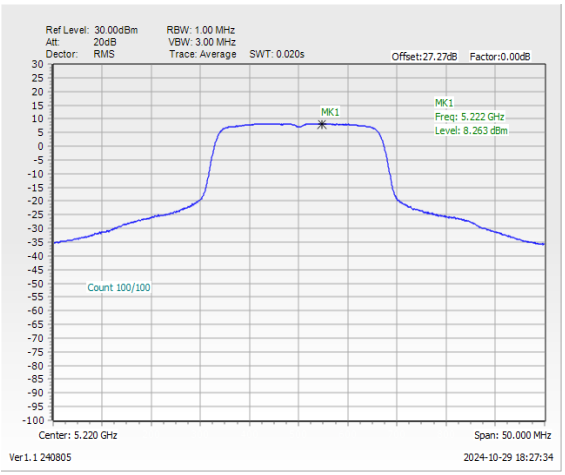
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

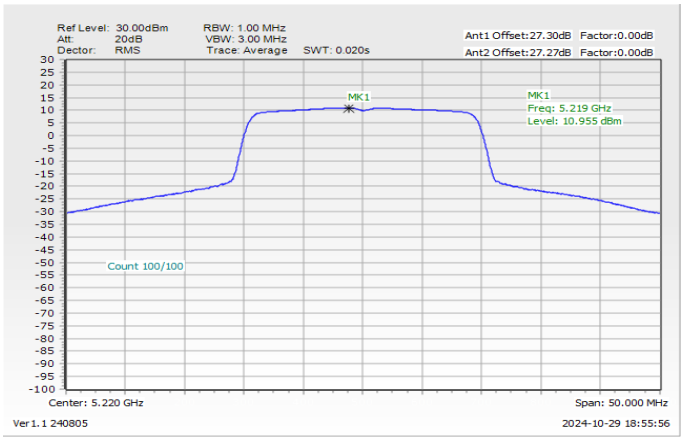
<802.11a>

Maximum Power Density Plot (dBm/MHz)


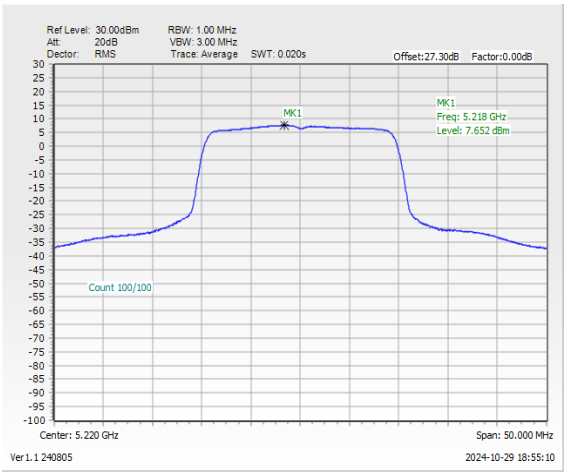
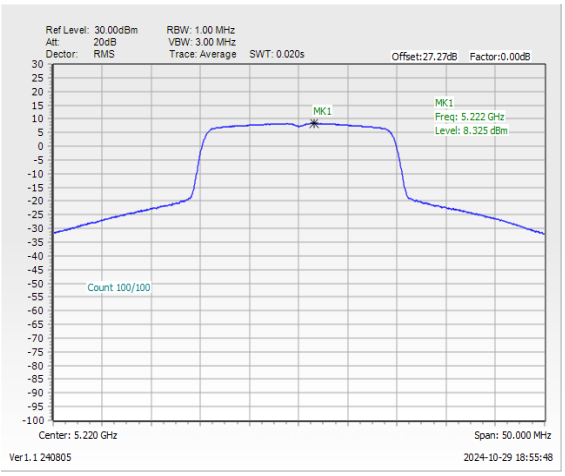
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

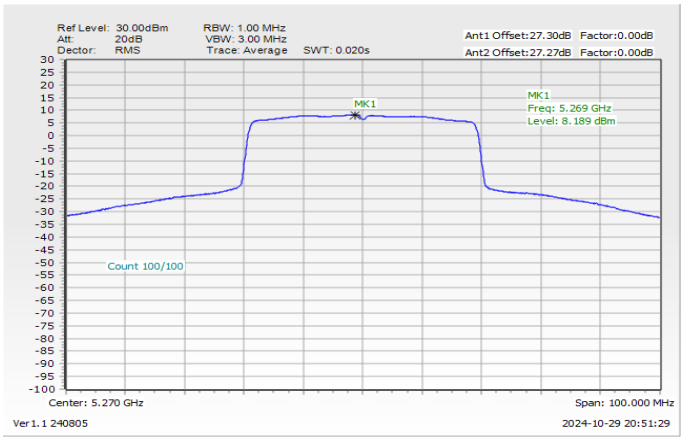
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)


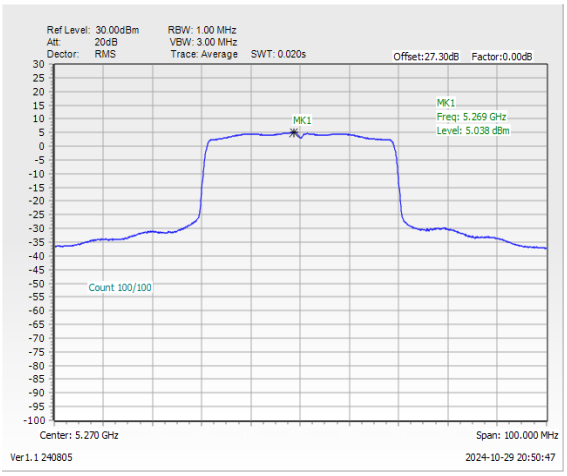
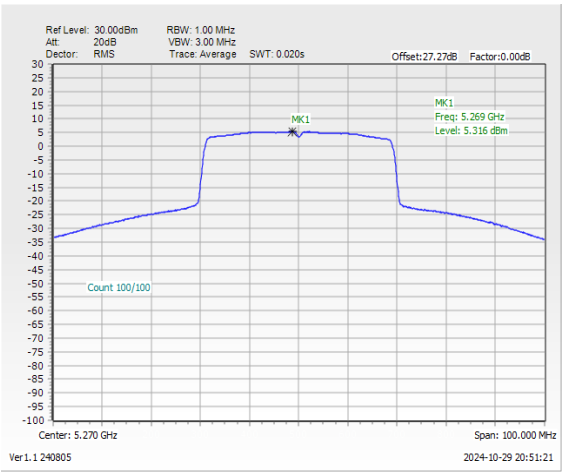
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

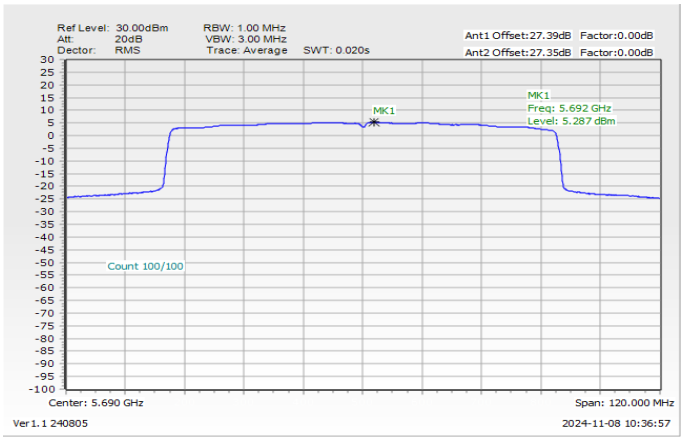
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)


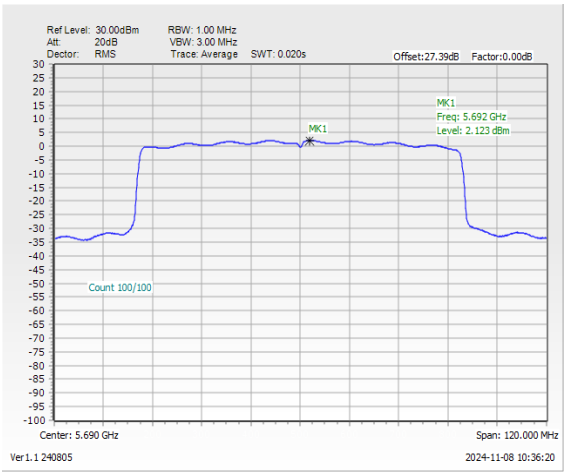
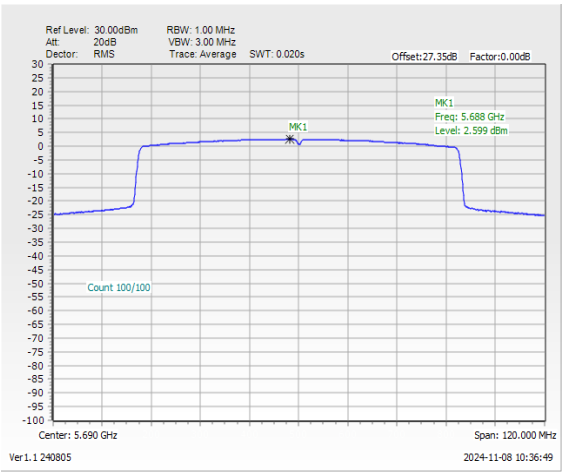
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)


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

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

Appendix B. Radiated Spurious Emission

Test Engineer :	Jesse Fan, Leo Liu and Bill Chang	Temperature :	18.5~24.1°C
		Relative Humidity :	42.4~48.5%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.24	62.92	-11.08	74	47.81	33.17	11.12	29.18	301	127	P	H
		5150	50.98	-3.02	54	35.87	33.17	11.12	29.18	301	127	A	H
	*	5180	114.43	-	-	99.3	33.16	11.14	29.17	301	127	P	H
	*	5180	108.16	-	-	93.03	33.16	11.14	29.17	301	127	A	H
													H
													H
		5149.76	61.49	-12.51	74	46.31	33.24	11.12	29.18	207	202	P	V
		5150	51.2	-2.8	54	36.02	33.24	11.12	29.18	207	202	A	V
	*	5180	114.45	-	-	99.26	33.22	11.14	29.17	207	202	P	V
	*	5180	107.13	-	-	91.94	33.22	11.14	29.17	207	202	A	V
													V
													V
802.11a CH 44 5220MHz		5145.34	58.23	-15.77	74	43.86	33.17	11.12	29.92	250	132	P	H
		5150	47.66	-6.34	54	33.29	33.17	11.12	29.92	250	132	A	H
	*	5220	115.8	-	-	101.38	33.13	11.18	29.89	250	132	P	H
	*	5220	109.09	-	-	94.67	33.13	11.18	29.89	250	132	A	H
		5453.28	54.17	-19.83	74	39.57	33.06	11.45	29.91	250	132	P	H
		5458.32	43.56	-10.44	54	28.96	33.06	11.45	29.91	250	132	A	H
		5145.34	57.23	-16.77	74	42.79	33.24	11.12	29.92	188	206	P	V
		5148.72	47.27	-6.73	54	32.83	33.24	11.12	29.92	188	206	A	V
	*	5220	115.62	-	-	101.15	33.18	11.18	29.89	188	206	P	V
	*	5220	109.1	-	-	94.63	33.18	11.18	29.89	188	206	A	V
		5415.2	53.89	-20.11	74	39.27	33.12	11.41	29.91	188	206	P	V
		5455.24	43.56	-10.44	54	28.89	33.13	11.45	29.91	188	206	A	V

802.11a CH 48 5240MHz		5074.88	54.97	-19.03	74	40.61	33.21	11.07	29.92	242	109	P	H
		5084.24	44.88	-9.12	54	30.52	33.2	11.07	29.91	242	109	A	H
	*	5240	117.04	-	-	102.59	33.12	11.21	29.88	242	109	P	H
	*	5240	109.04	-	-	94.59	33.12	11.21	29.88	242	109	A	H
		5437.32	54.14	-19.86	74	39.56	33.06	11.43	29.91	242	109	P	H
		5459.44	43.63	-10.37	54	29.03	33.06	11.45	29.91	242	109	A	H
		5130	54.8	-19.2	74	40.36	33.25	11.11	29.92	290	217	P	V
		5147.94	44.48	-9.52	54	30.04	33.24	11.12	29.92	290	217	A	V
	*	5240	113.85	-	-	99.36	33.16	11.21	29.88	290	217	P	V
	*	5240	107.07	-	-	92.58	33.16	11.21	29.88	290	217	A	V
		5369	53.85	-20.15	74	39.26	33.13	11.36	29.9	290	217	P	V
		5459.44	43.56	-10.44	54	28.88	33.14	11.45	29.91	290	217	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 36 5180MHz		10360	52.47	-15.73	68.2	66.05	38.99	16.28	68.85	388	308	P	H
		15540	47.64	-26.36	74	57.86	38.36	20.06	68.64	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	55.32	-12.88	68.2	68.88	39.01	16.28	68.85	206	260	P	V
		15540	47.86	-26.14	74	58.07	38.37	20.06	68.64	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	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)
		10440	53.66	-14.54	68.2	66.9	39.04	16.33	68.61	400	308	P	H
		15660	47.94	-26.06	74	58.43	38.07	20.15	68.71	-	-	P	H
												A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz													H
		10440	60.65	-7.55	68.2	73.86	39.07	16.33	68.61	372	244	P	V
		15660	47.79	-26.21	74	58.24	38.11	20.15	68.71	-	-	P	V
												A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		10480	54.06	-14.14	68.2	67.11	39.1	16.36	68.51	100	157	P	H
		15720	47.61	-26.39	74	58.37	37.99	20.18	68.93	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz													H
		10480	59.98	-8.22	68.2	73.01	39.12	16.36	68.51	301	258	P	V
		15720	47.95	-26.05	74	58.67	38.03	20.18	68.93	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5150	63.59	-10.41	74	48.48	33.17	11.12	29.18	203	267	P	H
		5150	51.26	-2.74	54	36.15	33.17	11.12	29.18	203	267	A	H
	*	5180	114.21	-	-	99.08	33.16	11.14	29.17	203	267	P	H
	*	5180	106.77	-	-	91.64	33.16	11.14	29.17	203	267	A	H
802.11ax													H
HE20 Full													H
CH 36		5147.16	62.33	-11.67	74	47.15	33.24	11.12	29.18	170	201	P	V
5180MHz		5150	51.22	-2.78	54	36.04	33.24	11.12	29.18	170	201	A	V
	*	5180	115.02	-	-	99.83	33.22	11.14	29.17	170	201	P	V
	*	5180	106.96	-	-	91.77	33.22	11.14	29.17	170	201	A	V
													V
													V
		5150	57.55	-16.45	74	43.18	33.17	11.12	29.92	303	112	P	H
		5149.76	47.36	-6.64	54	32.99	33.17	11.12	29.92	303	112	A	H
	*	5220	117.18	-	-	102.76	33.13	11.18	29.89	303	112	P	H
	*	5220	108.85	-	-	94.43	33.13	11.18	29.89	303	112	A	H
802.11ax		5451.6	54.04	-19.96	74	39.45	33.06	11.44	29.91	303	112	P	H
HE20 Full		5458.88	43.4	-10.6	54	28.8	33.06	11.45	29.91	303	202	A	H
CH 44		5141.44	60.08	-13.92	74	45.64	33.24	11.12	29.92	100	202	P	V
5220MHz		5150	49.08	-4.92	54	34.64	33.24	11.12	29.92	100	202	A	V
	*	5220	114.44	-	-	99.97	33.18	11.18	29.89	100	202	P	V
	*	5220	106.31	-	-	91.84	33.18	11.18	29.89	100	202	A	V
		5397.84	53.56	-20.44	74	38.95	33.12	11.4	29.91	100	202	P	V
		5459.16	43.47	-10.53	54	28.79	33.14	11.45	29.91	100	202	A	V

		5134.68	55.14	-18.86	74	40.77	33.18	11.11	29.92	321	118	P	H
		5149.5	44.95	-9.05	54	30.58	33.17	11.12	29.92	321	118	A	H
	*	5240	118.94	-	-	104.49	33.12	11.21	29.88	321	118	P	H
	*	5240	109.9	-	-	95.45	33.12	11.21	29.88	321	118	A	H
802.11ax		5429.48	54.24	-19.76	74	39.66	33.06	11.43	29.91	321	118	P	H
HE20 Full		5351.64	43.43	-10.57	54	28.89	33.1	11.34	29.9	321	118	A	H
CH 48		5086.32	55.13	-18.87	74	40.7	33.27	11.07	29.91	238	223	P	V
5240MHz		5150	44.91	-9.09	54	30.47	33.24	11.12	29.92	238	223	A	V
	*	5240	119.72	-	-	105.23	33.16	11.21	29.88	238	223	P	V
	*	5240	110.64	-	-	96.15	33.16	11.21	29.88	238	223	A	V
		5372.92	54.33	-19.67	74	39.73	33.13	11.37	29.9	238	223	P	V
		5350.24	43.5	-10.5	54	28.92	33.14	11.34	29.9	238	223	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10360	51.05	-17.15	68.2	64.63	38.99	16.28	68.85	400	308	P	H
		15540	47.87	-26.13	74	58.09	38.36	20.06	68.64	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	55.93	-12.27	68.2	69.49	39.01	16.28	68.85	202	261	P	V
5180MHz		15540	46.87	-27.13	74	57.08	38.37	20.06	68.64	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10440	53.71	-14.49	68.2	66.95	39.04	16.33	68.61	379	304	P	H
		15660	47.14	-26.86	74	57.63	38.07	20.15	68.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	60.59	-7.61	68.2	73.8	39.07	16.33	68.61	205	262	P	V
5220MHz		15660	47.13	-26.87	74	57.58	38.11	20.15	68.71	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10480	53.76	-14.44	68.2	66.81	39.1	16.36	68.51	213	153	P	H
		15720	47.3	-26.7	74	58.06	37.99	20.18	68.93	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	56.98	-11.22	68.2	70.01	39.12	16.36	68.51	207	261	P	V
5240MHz		15720	47.73	-26.27	74	58.45	38.03	20.18	68.93	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5149.24	65.16	-8.84	74	50.05	33.17	11.12	29.18	201	266	P	H
		5150	51.62	-2.38	54	36.51	33.17	11.12	29.18	201	266	A	H
	*	5190	110.9	-	-	95.76	33.15	11.15	29.16	201	266	P	H
	*	5190	102.86	-	-	87.72	33.15	11.15	29.16	201	266	A	H
802.11ax		5427.8	54.88	-19.12	74	39.54	33.06	11.42	29.14	201	266	P	H
HE40 Full		5459.16	44.34	-9.66	54	28.96	33.06	11.45	29.13	201	266	A	H
CH 38		5142.74	66.24	-7.76	74	51.06	33.24	11.12	29.18	203	200	P	V
5190MHz		5149.24	51.24	-2.76	54	36.06	33.24	11.12	29.18	203	200	A	V
	*	5190	111.31	-	-	96.11	33.21	11.15	29.16	203	200	P	V
	*	5190	102.5	-	-	87.3	33.21	11.15	29.16	203	200	A	V
		5366.48	54.41	-19.59	74	39.06	33.13	11.36	29.14	203	200	P	V
		5456.36	44.43	-9.57	54	28.98	33.13	11.45	29.13	203	200	A	V
		5141.96	63.14	-10.86	74	48.03	33.17	11.12	29.18	293	127	P	H
		5150	52.63	-1.37	54	37.52	33.17	11.12	29.18	293	127	A	H
	*	5230	114.8	-	-	99.61	33.13	11.2	29.14	293	127	P	H
	*	5230	106.73	-	-	91.54	33.13	11.2	29.14	293	127	A	H
802.11ax		5368.72	55.78	-18.22	74	40.47	33.09	11.36	29.14	293	127	P	H
HE40 Full		5350	45.05	-8.95	54	29.74	33.1	11.34	29.13	293	127	A	H
CH 46		5149.76	62.44	-11.56	74	47.26	33.24	11.12	29.18	206	201	P	V
5230MHz		5150	52.03	-1.97	54	36.85	33.24	11.12	29.18	206	201	A	V
	*	5230	113.03	-	-	97.8	33.17	11.2	29.14	206	201	P	V
	*	5230	105.65	-	-	90.42	33.17	11.2	29.14	206	201	A	V
		5438.44	55.3	-18.7	74	39.87	33.13	11.43	29.13	206	201	P	V
		5350.24	44.65	-9.35	54	29.3	33.14	11.34	29.13	206	201	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10380	46.84	-21.36	68.2	60.33	39	16.29	68.78	-	-	P	H
		15570	45.95	-28.05	74	56.17	38.28	20.08	68.58	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	50.11	-18.09	68.2	63.58	39.02	16.29	68.78	205	260	P	V
5190MHz		15570	46.14	-27.86	74	56.34	38.3	20.08	68.58	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10460	50.82	-17.38	68.2	63.96	39.07	16.35	68.56	100	157	P	H
		15690	47.38	-26.62	74	58.02	38.02	20.16	68.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	53.58	-14.62	68.2	66.7	39.09	16.35	68.56	306	263	P	V
5230MHz		15690	47.1	-26.9	74	57.7	38.06	20.16	68.82	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 HE80 Full CH 42 5210MHz		5139.1	67.08	-6.92	74	51.98	33.17	11.11	29.18	287	126	P	H
		5149.5	52.87	-1.13	54	37.76	33.17	11.12	29.18	287	126	A	H
	*	5210	108.9	-	-	93.74	33.14	11.17	29.15	287	126	P	H
	*	5210	100.62	-	-	85.46	33.14	11.17	29.15	287	126	A	H
		5363.68	54.61	-19.39	74	39.3	33.09	11.36	29.14	287	126	P	H
		5351.08	44.65	-9.35	54	29.34	33.1	11.34	29.13	287	126	A	H
		5139.36	66.06	-7.94	74	50.89	33.24	11.11	29.18	157	201	P	V
		5148.98	52.31	-1.69	54	37.13	33.24	11.12	29.18	157	201	A	V
	*	5210	107.45	-	-	92.24	33.19	11.17	29.15	157	201	P	V
	*	5210	99.56	-	-	84.35	33.19	11.17	29.15	157	201	A	V
		5350	55.61	-18.39	74	40.26	33.14	11.34	29.13	157	201	P	V
		5457.2	44.42	-9.58	54	28.97	33.13	11.45	29.13	157	201	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10420	46.61	-21.59	68.2	59.92	39.03	16.32	68.66	400	0	P	H
		15630	47.76	-26.24	74	58.12	38.13	20.12	68.61	400	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	47.54	-20.66	68.2	60.84	39.04	16.32	68.66	-	-	P	V
5210MHz		15630	47.49	-26.51	74	57.82	38.16	20.12	68.61	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 52 5260MHz		5110.5	56.08	-17.92	74	41.71	33.19	11.09	29.91	233	109	P	H
		5109.72	45.07	-8.93	54	30.7	33.19	11.09	29.91	233	109	A	H
	*	5260	117.02	-	-	102.56	33.11	11.23	29.88	233	109	P	H
	*	5260	110.17	-	-	95.71	33.11	11.23	29.88	233	109	A	H
		5426.68	53.86	-20.14	74	39.29	33.06	11.42	29.91	233	109	P	H
		5350	44.11	-9.89	54	29.57	33.1	11.34	29.9	233	109	A	H
		5120.9	54.95	-19.05	74	40.51	33.25	11.1	29.91	189	203	P	V
		5105.56	45.05	-8.95	54	30.61	33.26	11.09	29.91	189	203	A	V
	*	5260	117.14	-	-	102.64	33.15	11.23	29.88	189	203	P	V
	*	5260	110.12	-	-	95.62	33.15	11.23	29.88	189	203	A	V
		5446.28	54.11	-19.89	74	39.45	33.13	11.44	29.91	189	203	P	V
		5350.52	43.81	-10.19	54	29.23	33.14	11.34	29.9	189	203	A	V
802.11a CH 60 5300MHz		5063.24	55.37	-18.63	74	41.01	33.22	11.06	29.92	222	105	P	H
		5149.6	45.07	-8.93	54	30.7	33.17	11.12	29.92	222	105	A	H
	*	5300	116.86	-	-	102.38	33.1	11.28	29.9	222	105	P	H
	*	5300	109.99	-	-	95.51	33.1	11.28	29.9	222	105	A	H
		5350.56	61.24	-12.76	74	46.7	33.1	11.34	29.9	222	105	P	H
		5350.08	51.97	-2.03	54	37.43	33.1	11.34	29.9	222	105	A	H
		5043.86	55.17	-18.83	74	40.75	33.3	11.04	29.92	100	146	P	V
		5148.58	44.89	-9.11	54	30.45	33.24	11.12	29.92	100	146	A	V
	*	5300	114.63	-	-	100.1	33.15	11.28	29.9	100	146	P	V
	*	5300	107.76	-	-	93.23	33.15	11.28	29.9	100	146	A	V
		5352.24	62.06	-11.94	74	47.48	33.14	11.34	29.9	100	146	P	V
		5352	49.94	-4.06	54	35.36	33.14	11.34	29.9	100	146	A	V

802.11a CH 64 5320MHz	*	5320	113.95	-	-	98.69	33.1	11.3	29.14	387	176	P	H
	*	5320	106.97	-	-	91.71	33.1	11.3	29.14	387	176	A	H
		5350.72	61.74	-12.26	74	46.43	33.1	11.34	29.13	387	176	P	H
		5350.08	51.44	-2.56	54	36.13	33.1	11.34	29.13	387	176	A	H
													H
													H
	*	5320	114.86	-	-	99.55	33.15	11.3	29.14	345	220	P	V
	*	5320	107.18	-	-	91.87	33.15	11.3	29.14	345	220	A	V
		5350.24	60.62	-13.38	74	45.27	33.14	11.34	29.13	345	220	P	V
		5350.08	49.75	-4.25	54	34.4	33.14	11.34	29.13	345	220	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 52 5260MHz		10520	54.59	-13.61	68.2	67.47	39.16	16.39	68.43	100	159	P	H
		15780	47.26	-26.74	74	58.28	37.91	20.22	69.15	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	57.95	-10.25	68.2	70.81	39.18	16.39	68.43	318	262	P	V
		15780	47.9	-26.1	74	58.88	37.95	20.22	69.15	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10600	54.34	-19.66	74	66.99	39.3	16.44	68.39	204	171	P	H
		10600	43.49	-10.51	54	56.14	39.3	16.44	68.39	204	171	A	H
		15900	47.76	-26.24	74	58.63	37.81	20.31	68.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz													H
		10600	56.52	-17.48	74	69.14	39.33	16.44	68.39	303	284	P	V
		10600	46.44	-7.56	54	59.06	39.33	16.44	68.39	303	284	A	V
		15900	47.8	-26.2	74	58.62	37.86	20.31	68.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10640	53.16	-20.84	74	65.79	39.38	16.47	68.48	100	155	P	H
		10640	44.08	-9.92	54	56.71	39.38	16.47	68.48	100	155	A	H
		15960	46.98	-27.02	74	57.72	37.73	20.35	68.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz		10640	54.91	-19.09	74	67.51	39.41	16.47	68.48	296	284	P	V
		10640	45.38	-8.62	54	57.98	39.41	16.47	68.48	296	284	A	V
		15960	47.17	-26.83	74	57.85	37.79	20.35	68.82	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5135.32	55.63	-18.37	74	41.26	33.18	11.11	29.92	295	123	P	H
		5102.34	44.79	-9.21	54	30.42	33.19	11.09	29.91	295	123	A	H
	*	5260	119.88	-	-	105.42	33.11	11.23	29.88	295	123	P	H
	*	5260	109.59	-	-	95.13	33.11	11.23	29.88	295	123	A	H
802.11ax		5401.2	53.36	-20.64	74	38.8	33.07	11.4	29.91	295	123	P	H
HE20 Full		5350.08	43.9	-10.1	54	29.36	33.1	11.34	29.9	295	123	A	H
CH 52		5071.4	53.68	-20.32	74	39.26	33.28	11.06	29.92	303	314	P	V
5260MHz		5109.14	44.46	-9.54	54	30.02	33.26	11.09	29.91	303	314	A	V
	*	5260	113.64	-	-	99.14	33.15	11.23	29.88	303	314	P	V
	*	5260	106.3	-	-	91.8	33.15	11.23	29.88	303	314	A	V
		5368.08	53.65	-20.35	74	39.06	33.13	11.36	29.9	303	314	P	V
		5350.32	43.69	-10.31	54	29.11	33.14	11.34	29.9	303	314	A	V
		5088.74	54.3	-19.7	74	39.93	33.2	11.08	29.91	388	174	P	H
		5147.22	44.27	-9.73	54	29.9	33.17	11.12	29.92	388	174	A	H
	*	5300	114.89	-	-	100.41	33.1	11.28	29.9	388	174	P	H
	*	5300	107.42	-	-	92.94	33.1	11.28	29.9	388	174	A	H
802.11ax		5354.4	62.27	-11.73	74	47.72	33.1	11.35	29.9	388	174	P	H
HE20 Full		5350.08	52.3	-1.7	54	37.76	33.1	11.34	29.9	388	174	A	H
CH 60		5113.22	54.19	-19.81	74	39.76	33.25	11.09	29.91	305	216	P	V
5300MHz		5148.58	44.51	-9.49	54	30.07	33.24	11.12	29.92	305	216	A	V
	*	5300	118.28	-	-	103.75	33.15	11.28	29.9	305	216	P	V
	*	5300	109.82	-	-	95.29	33.15	11.28	29.9	305	216	A	V
		5352	62.01	-11.99	74	47.43	33.14	11.34	29.9	305	216	P	V
		5350.08	52.49	-1.51	54	37.91	33.14	11.34	29.9	305	216	A	V

	*	5320	113.31	-	-	98.05	33.1	11.3	29.14	387	176	P	H
	*	5320	105.94	-	-	90.68	33.1	11.3	29.14	387	176	A	H
		5350.88	63.84	-10.16	74	48.53	33.1	11.34	29.13	387	176	P	H
		5350.08	52.39	-1.61	54	37.08	33.1	11.34	29.13	387	176	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	114.61	-	-	99.3	33.15	11.3	29.14	263	233	P	V
5320MHz	*	5320	107.66	-	-	92.35	33.15	11.3	29.14	263	233	A	V
		5350.24	65.34	-8.66	74	49.99	33.14	11.34	29.13	263	233	P	V
		5350.08	52.74	-1.26	54	37.39	33.14	11.34	29.13	263	233	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10520	56.77	-11.43	68.2	69.65	39.16	16.39	68.43	100	154	P	H
		15780	48.36	-25.64	74	59.38	37.91	20.22	69.15	145	222	P	H
		15780	38.31	-15.69	54	49.33	37.91	20.22	69.15	145	222	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	59.27	-8.93	68.2	72.13	39.18	16.39	68.43	304	260	P	V
5260MHz		15780	48.75	-25.25	74	59.73	37.95	20.22	69.15	222	54	P	V
		15780	38.44	-15.56	54	49.42	37.95	20.22	69.15	222	54	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10600	56.55	-17.45	74	69.2	39.3	16.44	68.39	100	154	P	H
		10600	45.69	-8.31	54	58.34	39.3	16.44	68.39	100	154	A	H
		15900	47.77	-26.23	74	58.64	37.81	20.31	68.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	57.65	-16.35	74	70.27	39.33	16.44	68.39	303	284	P	V
5300MHz		10600	46.98	-7.02	54	59.6	39.33	16.44	68.39	303	284	A	V
		15900	47.74	-26.26	74	58.56	37.86	20.31	68.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		10640	52.25	-21.75	74	64.88	39.38	16.47	68.48	100	174	P	H
		10640	40.66	-13.34	54	53.29	39.38	16.47	68.48	100	174	A	H
		15960	47.91	-26.09	74	58.65	37.73	20.35	68.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	52.83	-21.17	74	65.43	39.41	16.47	68.48	295	260	P	V
5320MHz		10640	44.23	-9.77	54	56.83	39.41	16.47	68.48	295	260	A	V
		15960	47.93	-26.07	74	58.61	37.79	20.35	68.82	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5124.1	55.24	-18.76	74	40.13	33.18	11.1	29.17	385	176	P	H
		5149.94	45.31	-8.69	54	30.2	33.17	11.12	29.18	385	176	A	H
	*	5270	111.59	-	-	96.37	33.11	11.24	29.13	385	176	P	H
	*	5270	104.5	-	-	89.28	33.11	11.24	29.13	385	176	A	H
802.11ax		5352.72	62.58	-11.42	74	47.27	33.1	11.34	29.13	385	176	P	H
HE40 Full		5350.08	52.38	-1.62	54	37.07	33.1	11.34	29.13	385	176	A	H
CH 54		5130.56	54.96	-19.04	74	39.77	33.25	11.11	29.17	290	220	P	V
5270MHz		5149.94	45.38	-8.62	54	30.2	33.24	11.12	29.18	290	220	A	V
	*	5270	115.35	-	-	100.09	33.15	11.24	29.13	290	220	P	V
	*	5270	105.93	-	-	90.67	33.15	11.24	29.13	290	220	A	V
		5352.24	63.27	-10.73	74	47.92	33.14	11.34	29.13	290	220	P	V
		5351.04	51.67	-2.33	54	36.32	33.14	11.34	29.13	290	220	A	V
	*	5310	108.89	-	-	93.64	33.1	11.29	29.14	387	175	P	H
	*	5310	101.57	-	-	86.32	33.1	11.29	29.14	387	175	A	H
		5352.32	64.57	-9.43	74	49.26	33.1	11.34	29.13	387	175	P	H
		5350.08	50.78	-3.22	54	35.47	33.1	11.34	29.13	387	175	A	H
802.11ax													H
HE40 Full													H
CH 62	*	5310	110.28	-	-	94.98	33.15	11.29	29.14	265	232	P	V
5310MHz	*	5310	102.54	-	-	87.24	33.15	11.29	29.14	265	232	A	V
		5351.04	63.87	-10.13	74	48.52	33.14	11.34	29.13	265	232	P	V
		5350.08	50.36	-3.64	54	35.01	33.14	11.34	29.13	265	232	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10540	52.41	-15.79	68.2	65.21	39.19	16.4	68.39	109	155	P	H
		15810	50.15	-23.85	74	61.23	37.87	20.25	69.2	400	182	P	H
		15810	39.03	-14.97	54	50.11	37.87	20.25	69.2	400	182	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	54.57	-13.63	68.2	67.35	39.21	16.4	68.39	289	270	P	V
5270MHz		15810	50.85	-23.15	74	61.89	37.91	20.25	69.2	166	234	P	V
		15810	39.3	-14.7	54	50.34	37.91	20.25	69.2	166	234	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10620	47.74	-26.26	74	60.37	39.34	16.46	68.43	-	-	P	H
		15930	47.96	-26.04	74	58.76	37.77	20.34	68.91	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full		10620	47.88	-26.12	74	60.48	39.37	16.46	68.43	-	-	P	V
CH 62		15930	47.95	-26.05	74	58.7	37.82	20.34	68.91	-	-	P	V
5310MHz													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 HE80 Full CH 58 5290MHz		5147.9	55.32	-18.68	74	40.21	33.17	11.12	29.18	282	126	P	H
		5149.6	45.43	-8.57	54	30.32	33.17	11.12	29.18	282	126	A	H
	*	5290	106.35	-	-	91.12	33.1	11.27	29.14	282	126	P	H
	*	5290	98.8	-	-	83.57	33.1	11.27	29.14	282	126	A	H
		5356.08	59.81	-14.19	74	44.49	33.1	11.35	29.13	282	126	P	H
		5350.08	51.12	-2.88	54	35.81	33.1	11.34	29.13	282	126	A	H
		5094.18	55.74	-18.26	74	40.56	33.26	11.08	29.16	100	148	P	V
		5139.74	45.32	-8.68	54	30.15	33.24	11.11	29.18	100	148	A	V
	*	5290	108	-	-	92.72	33.15	11.27	29.14	100	148	P	V
	*	5290	98.79	-	-	83.51	33.15	11.27	29.14	100	148	A	V
		5357.28	62.16	-11.84	74	46.8	33.14	11.35	29.13	100	148	P	V
		5350.8	50.62	-3.38	54	35.27	33.14	11.34	29.13	100	148	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		10580	47.57	-20.63	68.2	60.26	39.26	16.43	68.38	-	-	P	H
		15870	47.92	-26.08	74	58.88	37.83	20.29	69.08	-	-	P	H
802.11ax													
HE80 Full		10580	49.47	-18.73	68.2	62.13	39.29	16.43	68.38	112	154	P	V
CH 58		15870	47.81	-26.19	74	58.72	37.88	20.29	69.08	-	-	P	V
5290MHz													

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 with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 100 5500MHz		5457.84	57.75	-16.25	74	42.37	33.06	11.45	29.13	400	173	P	H
		5470	66.65	-1.55	68.2	51.25	33.07	11.46	29.13	400	173	P	H
		5460	47.03	-6.97	54	31.65	33.06	11.45	29.13	400	173	A	H
	*	5500	113.46	-	-	98.04	33.08	11.48	29.14	400	173	P	H
	*	5500	106.66	-	-	91.24	33.08	11.48	29.14	400	173	A	H
													H
		5459.44	56.57	-17.43	74	41.11	33.14	11.45	29.13	299	348	P	V
		5469.68	65.39	-2.81	68.2	49.92	33.14	11.46	29.13	299	348	P	V
		5460	46.93	-7.07	54	31.47	33.14	11.45	29.13	299	348	A	V
	*	5500	114.05	-	-	98.55	33.16	11.48	29.14	299	348	P	V
	*	5500	107.37	-	-	91.87	33.16	11.48	29.14	299	348	A	V
													V
802.11a CH 116 5580MHz		5455.36	53.7	-20.3	74	39.1	33.06	11.45	29.91	227	229	P	H
		5462.56	52.79	-15.41	68.2	38.18	33.07	11.45	29.91	227	229	P	H
		5458	43.76	-10.24	54	29.16	33.06	11.45	29.91	227	229	A	H
	*	5580	110.9	-	-	96.12	33.16	11.55	29.93	227	229	P	H
	*	5580	103.5	-	-	88.72	33.16	11.55	29.93	227	229	A	H
		5757.44	54.62	-13.58	68.2	39.01	33.83	11.74	29.96	227	229	P	H
		5452.48	54.03	-19.97	74	39.37	33.13	11.44	29.91	208	208	P	V
		5468.56	53.15	-15.05	68.2	38.46	33.14	11.46	29.91	208	208	P	V
		5458.24	44.12	-9.88	54	29.45	33.13	11.45	29.91	208	208	A	V
	*	5580	115.57	-	-	100.72	33.23	11.55	29.93	208	208	P	V
	*	5580	108.77	-	-	93.92	33.23	11.55	29.93	208	208	A	V
		5725.94	56.25	-11.95	68.2	40.79	33.72	11.7	29.96	208	208	P	V

802.11a CH 140 5700MHz	*	5700	113.3	-	-	97.22	33.56	11.67	29.15	400	169	P	H
	*	5700	106.71	-	-	90.63	33.56	11.67	29.15	400	169	A	H
		5725.72	63.15	-5.05	68.2	46.93	33.68	11.7	29.16	400	169	P	H
													H
													H
													H
	*	5700	114.95	-	-	98.83	33.6	11.67	29.15	303	213	P	V
	*	5700	107.25	-	-	91.13	33.6	11.67	29.15	303	213	A	V
		5725.16	63.28	-4.92	68.2	47.02	33.72	11.7	29.16	303	213	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 100 5500MHz		11000	55.76	-18.24	74	68.18	39.08	16.72	68.22	100	168	P	H
		11000	46.82	-7.18	54	59.24	39.08	16.72	68.22	100	168	A	H
		16500	50.05	-18.15	68.2	60.07	37.69	20.73	68.44	263	111	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	58.73	-15.27	74	71.15	39.08	16.72	68.22	400	230	P	V
		11000	47.79	-6.21	54	60.21	39.08	16.72	68.22	400	230	A	V
		16500	51.49	-16.71	68.2	61.42	37.78	20.73	68.44	375	126	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11160	60.07	-13.93	74	72.23	39.11	16.52	68.1	100	153	P	H
		11160	51.14	-2.86	54	63.3	39.11	16.52	68.1	100	153	A	H
		16740	49.97	-18.23	68.2	60.49	37.37	20.55	68.78	216	154	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	60.66	-13.34	74	72.79	39.14	16.52	68.1	298	220	P	V
		11160	50.82	-3.18	54	62.95	39.14	16.52	68.1	298	220	A	V
		16740	55.03	-13.17	68.2	65.47	37.45	20.55	68.78	190	227	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11400	57.63	-16.37	74	69.1	39.3	17.02	67.79	400	117	P	H
		11400	46.99	-7.01	54	58.46	39.3	17.02	67.79	400	117	A	H
		17100	49.93	-18.27	68.2	60.1	37.6	21.14	68.91	331	145	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	60.98	-13.02	74	72.46	39.29	17.02	67.79	211	241	P	V
		11400	50.65	-3.35	54	62.13	39.29	17.02	67.79	211	241	A	V
		17100	50.34	-17.86	68.2	60.41	37.7	21.14	68.91	244	165	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5456.56	55.58	-18.42	74	40.2	33.06	11.45	29.13	395	175	P	H
		5469.84	64.9	-3.3	68.2	49.5	33.07	11.46	29.13	395	175	P	H
		5460	46.12	-7.88	54	30.74	33.06	11.45	29.13	395	175	A	H
	*	5500	113.56	-	-	98.14	33.08	11.48	29.14	395	175	P	H
802.11ax	*	5500	105.68	-	-	90.26	33.08	11.48	29.14	395	175	A	H
HE20 Full													H
CH 100		5458.48	55.96	-18.04	74	40.5	33.14	11.45	29.13	288	349	P	V
5500MHz		5470	67.2	-1	68.2	51.73	33.14	11.46	29.13	288	349	P	V
		5460	46	-8	54	30.54	33.14	11.45	29.13	288	349	A	V
	*	5500	115.99	-	-	100.49	33.16	11.48	29.14	288	349	P	V
	*	5500	107.64	-	-	92.14	33.16	11.48	29.14	288	349	A	V
													V
		5442.88	54.84	-19.16	74	39.47	33.06	11.44	29.13	379	170	P	H
		5469.28	53.93	-14.27	68.2	38.53	33.07	11.46	29.13	379	170	P	H
		5425.36	44.36	-9.64	54	29.02	33.06	11.42	29.14	379	170	A	H
	*	5580	117.07	-	-	101.5	33.16	11.55	29.14	379	170	P	H
802.11ax	*	5580	108.94	-	-	93.37	33.16	11.55	29.14	379	170	A	H
HE20 Full		5738.54	55.05	-13.15	68.2	38.76	33.74	11.72	29.17	379	170	P	H
CH 116		5445.04	54.92	-19.08	74	39.48	33.13	11.44	29.13	277	212	P	V
5580MHz		5464.96	53.14	-15.06	68.2	37.67	33.14	11.46	29.13	277	212	P	V
		5428	44.47	-9.53	54	29.06	33.13	11.42	29.14	277	212	A	V
	*	5580	117.14	-	-	101.5	33.23	11.55	29.14	277	212	P	V
	*	5580	108.85	-	-	93.21	33.23	11.55	29.14	277	212	A	V
		5759.96	57.34	-10.86	68.2	40.88	33.89	11.74	29.17	277	212	P	V

	*	5700	114.46	-	-	98.38	33.56	11.67	29.15	359	169	P	H
	*	5700	106.42	-	-	90.34	33.56	11.67	29.15	359	169	A	H
		5729.32	63.99	-4.21	68.2	47.74	33.7	11.71	29.16	359	169	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	115.42	-	-	99.3	33.6	11.67	29.15	320	213	P	V
5700MHz	*	5700	107.4	-	-	91.28	33.6	11.67	29.15	320	213	A	V
		5725.24	65.46	-2.74	68.2	49.2	33.72	11.7	29.16	320	213	P	V
													V
													V
													V

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

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11000	58.9	-15.1	74	71.32	39.08	16.72	68.22	220	165	P	H
		11000	49.53	-4.47	54	61.95	39.08	16.72	68.22	220	165	A	H
		16500	48.86	-19.34	68.2	58.88	37.69	20.73	68.44	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	56.99	-17.01	74	69.41	39.08	16.72	68.22	398	229	P	V
5500MHz		11000	47.37	-6.63	54	59.79	39.08	16.72	68.22	398	229	A	V
		16500	48.02	-20.18	68.2	57.95	37.78	20.73	68.44	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		11160	59.58	-14.42	74	71.74	39.11	16.83	68.1	221	164	P	H
		11160	50.42	-3.58	54	62.58	39.11	16.83	68.1	221	164	A	H
		16740	47.91	-20.29	68.2	58.43	37.37	20.89	68.78	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	60.05	-13.95	74	72.18	39.14	16.83	68.1	223	235	P	V
5580MHz		11160	49.6	-4.4	54	61.73	39.14	16.83	68.1	223	235	A	V
		16740	55.3	-12.9	68.2	65.74	37.45	20.89	68.78	225	117	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		11400	57.78	-16.22	74	69.25	39.3	17.02	67.79	215	162	P	H
		11400	48.36	-5.64	54	59.83	39.3	17.02	67.79	215	162	A	H
		17098	48.03	-20.17	68.2	58.21	37.59	21.14	68.91	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	58.88	-15.12	74	70.36	39.29	17.02	67.79	213	240	P	V
5700MHz		11400	49.39	-4.61	54	60.87	39.29	17.02	67.79	213	240	A	V
		17098	48.39	-19.81	68.2	58.47	37.69	21.14	68.91	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5453.92	63.72	-10.28	74	48.34	33.06	11.45	29.13	400	171	P	H
		5469.28	64.21	-3.99	68.2	48.81	33.07	11.46	29.13	400	171	P	H
		5459.44	51.32	-2.68	54	35.94	33.06	11.45	29.13	400	171	A	H
	*	5510	110.41	-	-	94.98	33.08	11.49	29.14	400	171	P	H
802.11ax	*	5510	102.25	-	-	86.82	33.08	11.49	29.14	400	171	A	H
HE40 Full		5730.98	55.94	-12.26	68.2	39.68	33.71	11.71	29.16	400	171	P	H
CH 102		5459.2	60.47	-13.53	74	45.01	33.14	11.45	29.13	255	211	P	V
5510MHz		5468.56	66.04	-2.16	68.2	50.57	33.14	11.46	29.13	255	211	P	V
		5459.44	50.2	-3.8	54	34.74	33.14	11.45	29.13	255	211	A	V
	*	5510	110.37	-	-	94.86	33.16	11.49	29.14	255	211	P	V
	*	5510	102.93	-	-	87.42	33.16	11.49	29.14	255	211	A	V
		5733.5	55.33	-12.87	68.2	39.02	33.76	11.71	29.16	255	211	P	V
		5454.64	62.63	-11.37	74	47.25	33.06	11.45	29.13	381	171	P	H
		5464.72	62.89	-5.31	68.2	47.49	33.07	11.46	29.13	381	171	P	H
		5459.92	51.26	-2.74	54	35.88	33.06	11.45	29.13	381	171	A	H
	*	5550	114.41	-	-	98.92	33.1	11.53	29.14	381	171	P	H
802.11ax	*	5550	106.14	-	-	90.65	33.1	11.53	29.14	381	171	A	H
HE40 Full		5755.55	55.3	-12.9	68.2	38.91	33.83	11.73	29.17	381	171	P	H
CH 110		5457.04	60.58	-13.42	74	45.13	33.13	11.45	29.13	297	212	P	V
5550MHz		5470	61.55	-6.65	68.2	46.08	33.14	11.46	29.13	297	212	P	V
		5459.92	50.53	-3.47	54	35.07	33.14	11.45	29.13	297	212	A	V
	*	5550	113.67	-	-	98.1	33.18	11.53	29.14	297	212	P	V
	*	5550	106.36	-	-	90.79	33.18	11.53	29.14	297	212	A	V
		5759.96	55.62	-12.58	68.2	39.16	33.89	11.74	29.17	297	212	P	V

		5444.15	54.96	-19.04	74	39.59	33.06	11.44	29.13	400	164	P	H
		5464.1	54.34	-13.86	68.2	38.95	33.07	11.45	29.13	400	164	P	H
		5458.85	44.24	-9.76	54	28.86	33.06	11.45	29.13	400	164	A	H
	*	5670	112.3	-	-	96.38	33.44	11.64	29.16	400	164	P	H
802.11ax	*	5670	104.73	-	-	88.81	33.44	11.64	29.16	400	164	A	H
HE40 Full		5725.625	66.55	-1.65	68.2	50.33	33.68	11.7	29.16	400	164	P	H
CH 134		5408.45	55.29	-18.71	74	39.91	33.12	11.41	29.15	337	215	P	V
5670MHz		5468.3	53.68	-14.52	68.2	38.21	33.14	11.46	29.13	337	215	P	V
		5457.1	44.27	-9.73	54	28.82	33.13	11.45	29.13	337	215	A	V
	*	5670	112.27	-	-	96.3	33.49	11.64	29.16	337	215	P	V
	*	5670	104.51	-	-	88.54	33.49	11.64	29.16	337	215	A	V
		5725.1	67.28	-0.92	68.2	51.02	33.72	11.7	29.16	337	215	P	V

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

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11020	50.19	-23.81	74	62.57	39.07	16.74	68.19	233	164	P	H
		11020	42.53	-11.47	54	54.91	39.07	16.74	68.19	233	164	A	H
		16530	48.22	-19.98	68.2	58.37	37.65	20.75	68.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	49.55	-24.45	74	61.93	39.07	16.74	68.19	394	228	P	V
5510MHz		11020	41.85	-12.15	54	54.23	39.07	16.74	68.19	394	228	A	V
		16530	48.26	-19.94	68.2	58.32	37.74	20.75	68.55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		11100	56.43	-17.57	74	68.65	39.08	16.79	68.09	223	163	P	H
		11100	47.73	-6.27	54	59.95	39.08	16.79	68.09	223	163	A	H
		16647	47.61	-20.59	68.2	58.26	37.52	20.83	69	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	55.54	-18.46	74	67.74	39.1	16.79	68.09	285	222	P	V
5550MHz		11100	46.78	-7.22	54	58.98	39.1	16.79	68.09	285	222	A	V
		16647	48.82	-19.38	68.2	59.38	37.61	20.83	69	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11340	56.76	-17.24	74	68.56	39.31	16.97	68.08	223	175	P	H
		11340	48.61	-5.39	54	60.41	39.31	16.97	68.08	223	175	A	H
		17010	48.51	-19.69	68.2	58.77	37.4	21.08	68.74	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	58.92	-15.08	74	70.73	39.3	16.97	68.08	306	248	P	V
5670MHz		11340	50.21	-3.79	54	62.02	39.3	16.97	68.08	306	248	A	V
		17010	50.47	-17.73	68.2	60.67	37.46	21.08	68.74	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5458.72	63.04	-10.96	74	47.66	33.06	11.45	29.13	400	170	P	H
		5462.32	63.92	-4.28	68.2	48.54	33.06	11.45	29.13	400	170	P	H
		5459.2	51.33	-2.67	54	35.95	33.06	11.45	29.13	400	170	A	H
	*	5530	107.85	-	-	92.39	33.09	11.51	29.14	400	170	P	H
802.11ax	*	5530	99.21	-	-	83.75	33.09	11.51	29.14	400	170	A	H
HE80 Full		5741.375	55.95	-12.25	68.2	39.64	33.76	11.72	29.17	400	170	P	H
CH 106		5455.36	63.62	-10.38	74	48.17	33.13	11.45	29.13	308	351	P	V
5530MHz		5465.92	64.97	-3.23	68.2	49.5	33.14	11.46	29.13	308	351	P	V
		5459.92	51.23	-2.77	54	35.77	33.14	11.45	29.13	308	351	A	V
	*	5530	106.71	-	-	91.17	33.17	11.51	29.14	308	351	P	V
	*	5530	98.86	-	-	83.32	33.17	11.51	29.14	308	351	A	V
		5734.76	55.52	-12.68	68.2	39.2	33.77	11.71	29.16	308	351	P	V
		5458.5	62.54	-11.46	74	47.16	33.06	11.45	29.13	373	169	P	H
		5467.6	65.39	-2.81	68.2	49.99	33.07	11.46	29.13	373	169	P	H
		5459.9	52	-2	54	36.62	33.06	11.45	29.13	373	169	A	H
	*	5610	111.03	-	-	95.37	33.23	11.58	29.15	373	169	P	H
802.11ax	*	5610	103.41	-	-	87.75	33.23	11.58	29.15	373	169	A	H
HE80 Full		5727.375	64.75	-3.45	68.2	48.52	33.69	11.7	29.16	373	169	P	H
CH 122		5459.9	62.62	-11.38	74	47.16	33.14	11.45	29.13	244	214	P	V
5610MHz		5468.3	63.05	-5.15	68.2	47.58	33.14	11.46	29.13	244	214	P	V
		5459.9	52.38	-1.62	54	36.92	33.14	11.45	29.13	244	214	A	V
	*	5610	109.28	-	-	93.55	33.3	11.58	29.15	244	214	P	V
	*	5610	101.18	-	-	85.45	33.3	11.58	29.15	244	214	A	V
		5733.675	58.84	-9.36	68.2	42.53	33.76	11.71	29.16	244	214	P	V

Remark

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

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11060	47.6	-26.4	74	59.92	39.06	16.76	68.14	-	-	P	H
		16590	47.95	-20.25	68.2	58.35	37.59	20.79	68.78	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	47.82	-26.18	74	60.14	39.06	16.76	68.14	-	-	P	V
5530MHz		16590	47.28	-20.92	68.2	57.59	37.68	20.79	68.78	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		11220	55.75	-18.25	74	67.9	39.2	16.88	68.23	195	170	P	H
		11220	45.07	-8.93	54	57.22	39.2	16.88	68.23	195	170	A	H
		16830	47.92	-20.28	68.2	58.22	37.28	20.96	68.54	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	56.22	-17.78	74	68.34	39.23	16.88	68.23	292	249	P	V
5610MHz		11220	45.41	-8.59	54	57.53	39.23	16.88	68.23	292	249	A	V
		16830	47.86	-20.34	68.2	58.09	37.35	20.96	68.54	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5356.24	54.43	-19.57	74	39.11	33.1	11.35	29.13	378	166	P	H
		5461.54	54.9	-13.3	68.2	39.52	33.06	11.45	29.13	378	166	P	H
		5457.25	44.6	-9.4	54	29.22	33.06	11.45	29.13	378	166	A	H
	*	5720	113.66	-	-	97.46	33.66	11.7	29.16	378	166	P	H
	*	5720	107.14	-	-	90.94	33.66	11.7	29.16	378	166	A	H
		5905.8	56.61	-11.59	68.2	39.71	34.25	11.88	29.23	378	166	P	H
		5392.51	54.47	-19.53	74	39.11	33.12	11.39	29.15	321	213	P	V
		5466.22	53.32	-14.88	68.2	37.85	33.14	11.46	29.13	321	213	P	V
		5454.52	44.62	-9.38	54	29.17	33.13	11.45	29.13	321	213	A	V
	*	5720	115.03	-	-	98.79	33.7	11.7	29.16	321	213	P	V
	*	5720	107.9	-	-	91.66	33.7	11.7	29.16	321	213	A	V
		5892.28	56.18	-12.02	68.2	39.25	34.29	11.87	29.23	321	213	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 144 5720MHz		11430	54.54	-19.46	74	66	39.25	17.03	67.74	213	172	P	H
		11430	49.58	-4.42	54	61.04	39.25	17.03	67.74	213	172	A	H
		17160	49.16	-19.04	68.2	59.18	37.73	21.18	68.93	243	171	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	58.84	-15.16	74	70.32	39.21	17.04	67.73	211	242	P	V
		11440	50.73	-3.27	54	62.21	39.21	17.04	67.73	211	242	A	V
		17160	50.55	-17.65	68.2	60.44	37.86	21.18	68.93	109	243	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 HE20 Full CH 144 5720MHz		5380.03	54.78	-19.22	74	39.46	33.08	11.38	29.14	375	171	P	H
		5469.73	52.99	-15.21	68.2	37.59	33.07	11.46	29.13	375	171	P	H
		5457.64	44.44	-9.56	54	29.06	33.06	11.45	29.13	375	171	A	H
	*	5720	114.43	-	-	98.23	33.66	11.7	29.16	375	171	P	H
	*	5720	106.61	-	-	90.41	33.66	11.7	29.16	375	171	A	H
		5948.18	56.92	-11.28	68.2	40	34.25	11.92	29.25	375	171	P	H
		5428.78	54.65	-19.35	74	39.24	33.13	11.42	29.14	308	214	P	V
		5467	53.61	-14.59	68.2	38.14	33.14	11.46	29.13	308	214	P	V
		5456.86	44.48	-9.52	54	29.03	33.13	11.45	29.13	308	214	A	V
	*	5720	115.65	-	-	99.41	33.7	11.7	29.16	308	214	P	V
	*	5720	107.9	-	-	91.66	33.7	11.7	29.16	308	214	A	V
		5943.76	56.26	-11.94	68.2	39.27	34.32	11.92	29.25	308	214	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11440	59.78	-14.22	74	71.24	39.23	17.04	67.73	227	171	P	H
		11440	49.73	-4.27	54	61.19	39.23	17.04	67.73	227	171	A	H
		17160	48.49	-19.71	68.2	58.51	37.73	21.18	68.93	312	227	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	60.46	-13.54	74	71.94	39.21	17.04	67.73	207	242	P	V
5720MHz		11440	50.29	-3.71	54	61.77	39.21	17.04	67.73	207	242	A	V
		17160	51.51	-16.69	68.2	61.4	37.86	21.18	68.93	244	231	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 HE40 Full CH 142 5710MHz		5415.91	53.76	-20.24	74	38.42	33.07	11.41	29.14	379	165	P	H
		5470.12	53.16	-96.84	150	37.76	33.07	11.46	29.13	379	165	P	H
		5459.2	44.32	-9.68	54	28.94	33.06	11.45	29.13	379	165	A	H
	*	5710	112.03	-	-	95.88	33.61	11.69	29.15	379	165	P	H
	*	5710	105.03	-	-	88.88	33.61	11.69	29.15	379	165	A	H
		5882.4	56.05	-12.15	68.2	39.2	34.22	11.86	29.23	379	165	P	H
		5352.34	54.45	-19.55	74	39.1	33.14	11.34	29.13	306	214	P	V
		5467.78	54.75	-13.45	68.2	39.28	33.14	11.46	29.13	306	214	P	V
		5457.64	44.43	-9.57	54	28.98	33.13	11.45	29.13	306	214	A	V
	*	5710	113.82	-	-	97.63	33.65	11.69	29.15	306	214	P	V
	*	5710	106.74	-	-	90.55	33.65	11.69	29.15	306	214	A	V
		5926.34	57.84	-10.36	68.2	40.87	34.31	11.9	29.24	306	214	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11420	56.35	-17.65	74	67.83	39.26	17.02	67.76	221	171	P	H
		11420	48.25	-5.75	54	59.73	39.26	17.02	67.76	221	171	A	H
		17130	61.84	-6.36	68.2	71.93	37.67	21.16	68.92	270	231	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	57.69	-16.31	74	69.18	39.25	17.02	67.76	210	242	P	V
5710MHz		11420	48.9	-5.1	54	60.39	39.25	17.02	67.76	210	242	A	V
		17130	64.85	-3.35	68.2	74.83	37.78	21.16	68.92	308	235	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 HE80 Full CH 138 5690MHz		5448.67	54.76	-19.24	74	39.39	33.06	11.44	29.13	400	166	P	H
		5465.44	54.76	-13.44	68.2	39.36	33.07	11.46	29.13	400	166	P	H
		5459.98	45.92	-8.08	54	30.54	33.06	11.45	29.13	400	166	A	H
	*	5690	112.89	-	-	96.86	33.52	11.66	29.15	400	166	P	H
	*	5690	103.86	-	-	87.83	33.52	11.66	29.15	400	166	A	H
		5861.34	61.24	-6.96	68.2	44.44	34.19	11.84	29.23	400	166	P	H
		5454.13	55.4	-18.6	74	39.95	33.13	11.45	29.13	303	212	P	V
		5460.76	56.69	-11.51	68.2	41.23	33.14	11.45	29.13	303	212	P	V
		5458.81	46.74	-7.26	54	31.28	33.14	11.45	29.13	303	212	A	V
	*	5690	111.95	-	-	95.88	33.56	11.66	29.15	303	212	P	V
	*	5690	104.19	-	-	88.12	33.56	11.66	29.15	303	212	A	V
		5857.18	59	-9.2	68.2	42.18	34.22	11.83	29.23	303	212	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		11380	55.99	-18.01	74	67.58	39.3	17	67.89	205	174	P	H
		11380	46.58	-7.42	54	58.17	39.3	17	67.89	205	174	A	H
		17070	47.7	-20.5	68.2	57.92	37.52	21.12	68.86	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	58.26	-15.74	74	69.86	39.29	17	67.89	303	249	P	V
5690MHz		11380	48.85	-5.15	54	60.45	39.29	17	67.89	303	249	A	V
		17070	52.6	-15.6	68.2	62.73	37.61	21.12	68.86	222	165	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.

Emission above 18GHz

WIFI 802.11ax HE40 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full SHF		39142	51.61	-22.39	74	39.17	43.85	23.36	54.77	-	-	P	H
													H
													H
													H
													H
													H
													H
		39428	52.44	-21.56	74	38.91	44.9	23.47	54.84	-	-	P	V
													V
													V
													V
													V
													V
													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 with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

WIFI 802.11ax HE40 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF	1	30.97	22.8	-17.2	40	29.65	24.62	0.93	32.4	-	-	P	H
	2	191.99	30.32	-13.18	43.5	45.72	14.84	2.2	32.44	-	-	P	H
	3	279.29	36.14	-9.86	46	47.27	18.69	2.68	32.5	-	-	P	H
	4	662.44	29.22	-16.78	46	31.56	26.4	4.18	32.92	-	-	P	H
	5	907.85	32.18	-13.82	46	29.7	29.36	5.04	31.92	-	-	P	H
	6	970.9	34.75	-19.25	54	29.85	31.06	5.21	31.37	-	-	P	H
													H
													H
													H
													H
													H
													H
	1	31.94	25.16	-14.84	40	32.49	24.13	0.94	32.4	-	-	P	V
	2	102.75	32.21	-11.29	43.5	46.52	16.44	1.67	32.42	-	-	P	V
	3	152.22	29.37	-14.13	43.5	42.86	16.97	1.96	32.42	-	-	P	V
	4	331.67	27.97	-18.03	46	37.85	19.77	2.89	32.54	-	-	P	V
	5	476.2	27.54	-18.46	46	33.12	23.62	3.55	32.75	-	-	P	V
	6	949.56	33.82	-12.18	46	29.35	30.98	5.09	31.6	-	-	P	V
													V
													V
													V
													V
													V
													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 emission is 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	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix C. Radiated Spurious Emission Plots

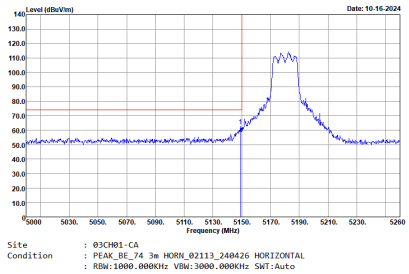
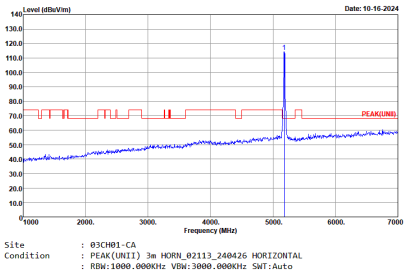
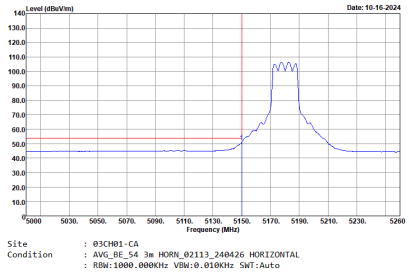
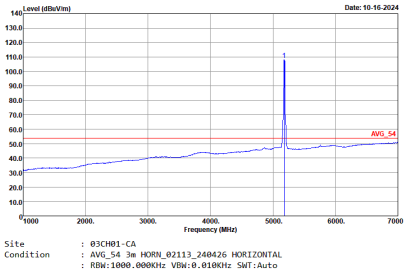
Test Engineer :	Jesse Fan, Leo Liu and Bill Chang	**Temperature :**	18.5~24.1°C
		Relative Humidity :	42.4~48.5%

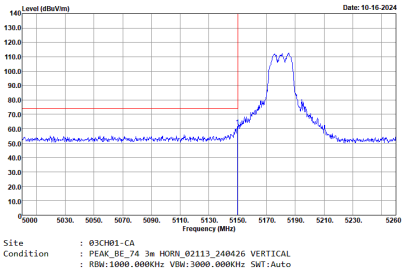
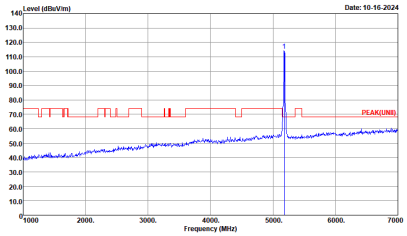
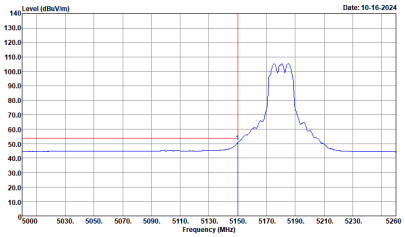
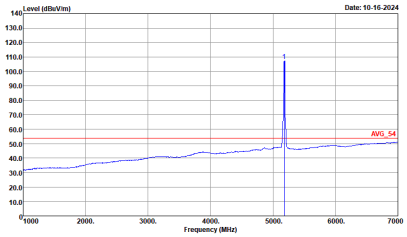
Note symbol

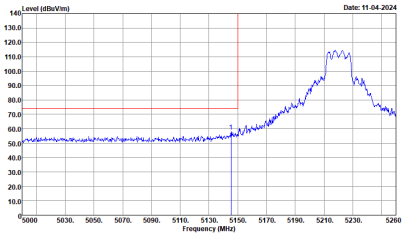
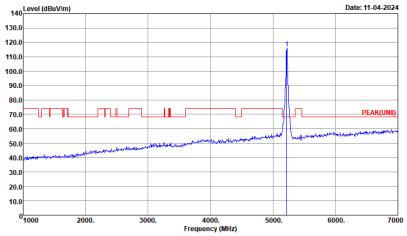
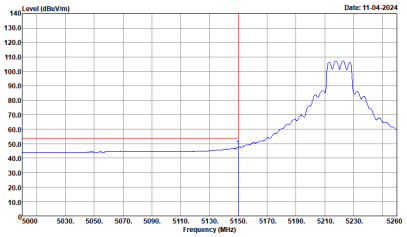
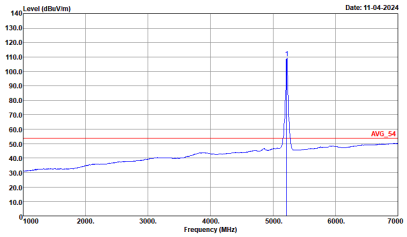
-L	**Low channel location**
-R	**High channel location**

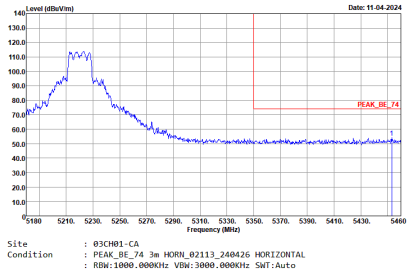
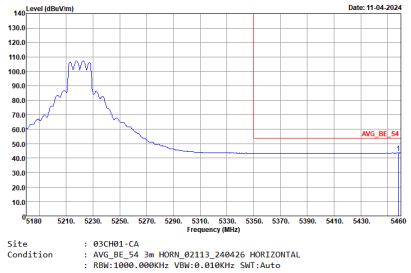
Band 1 - 5150~5250MHz

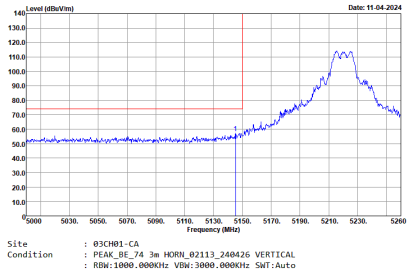
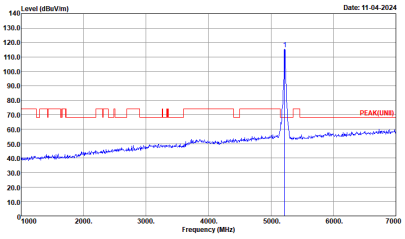
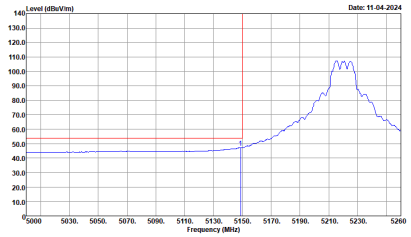
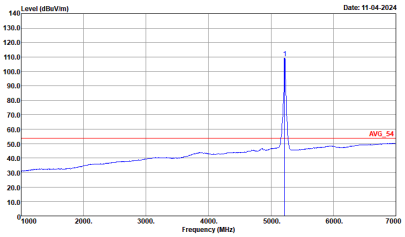
WIFI 802.11a (Band Edge @ 3m)

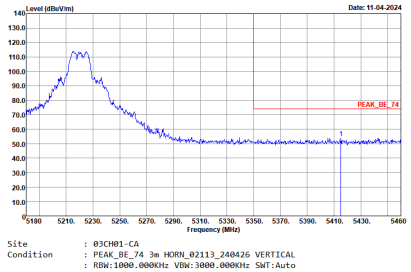
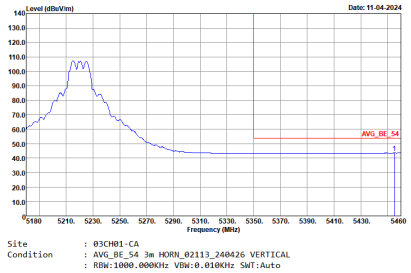
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

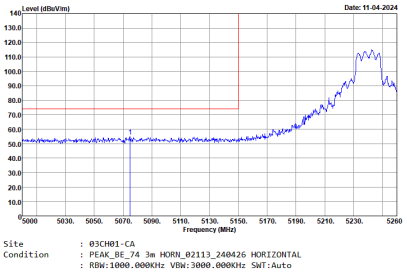
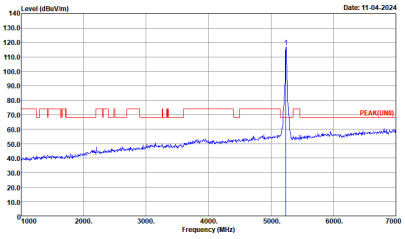
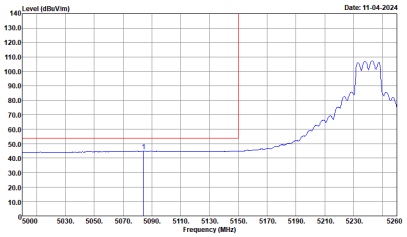
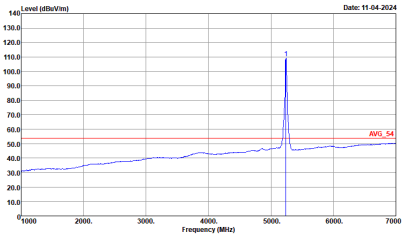
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

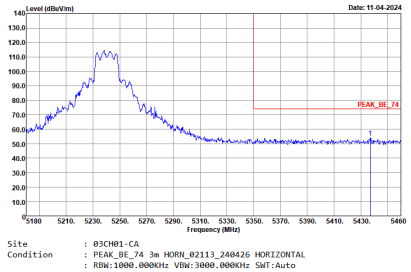
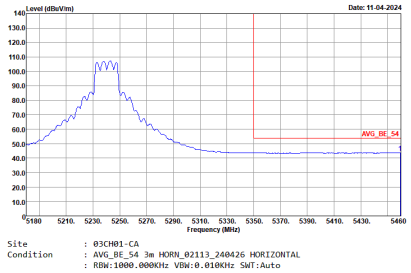
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

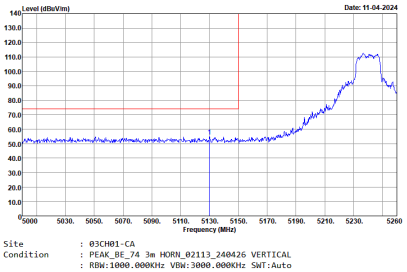
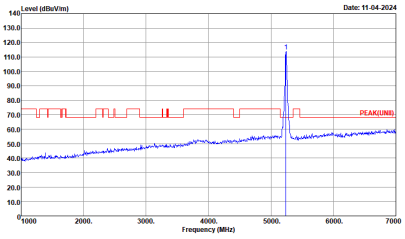
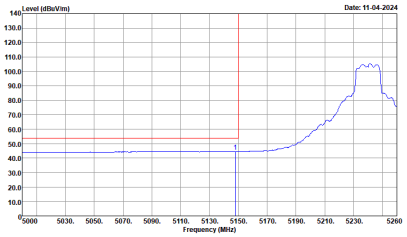
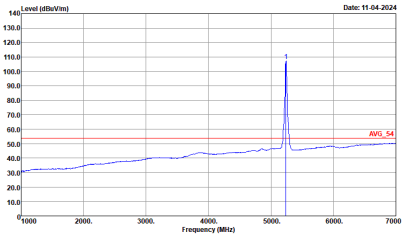
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

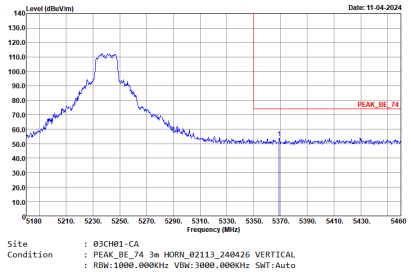
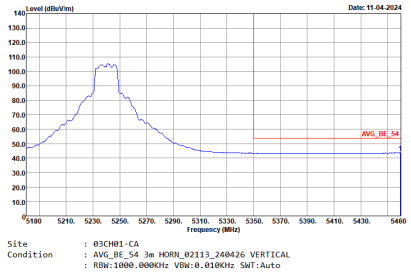
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

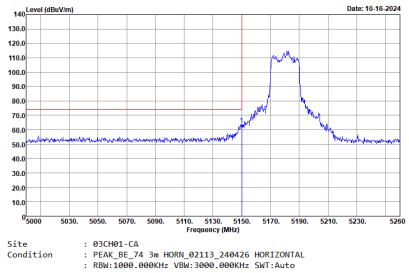
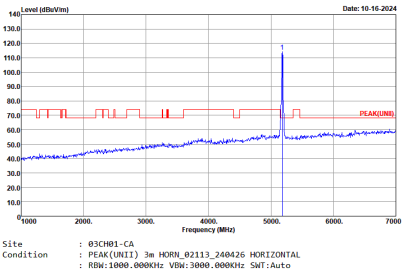
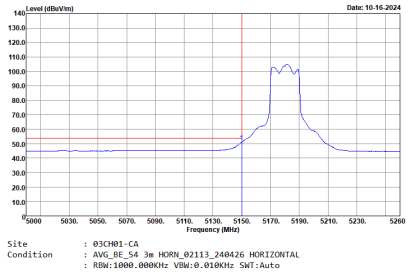
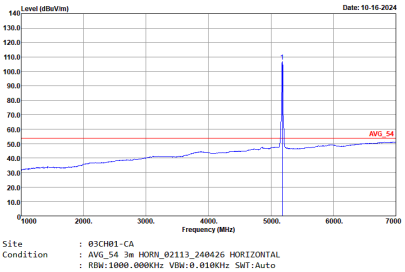
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

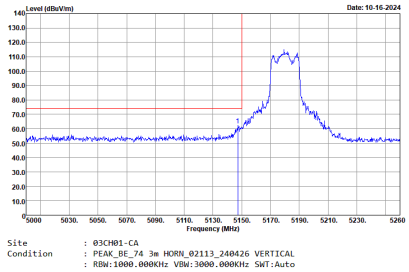
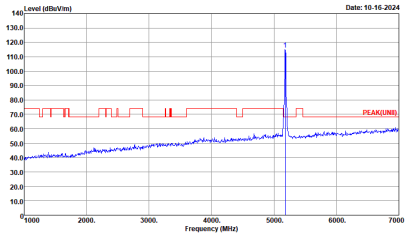
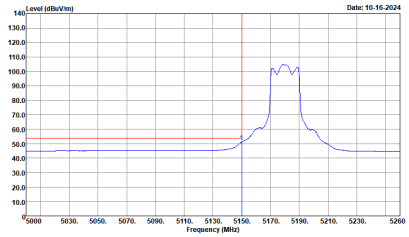
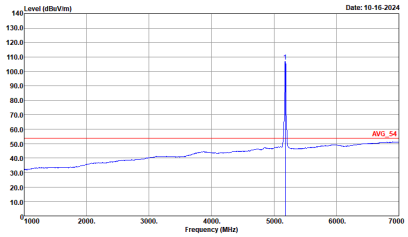
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

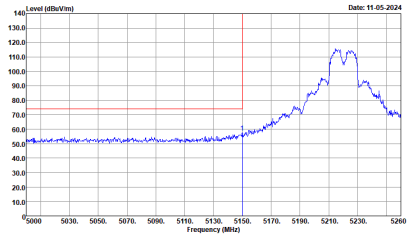
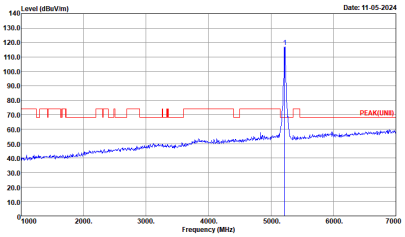
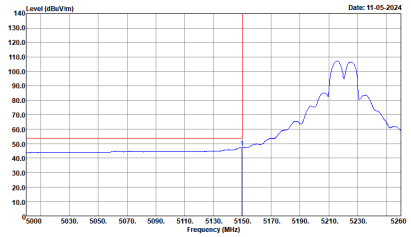
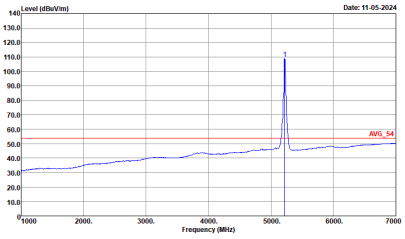
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

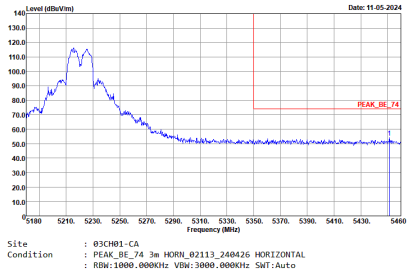
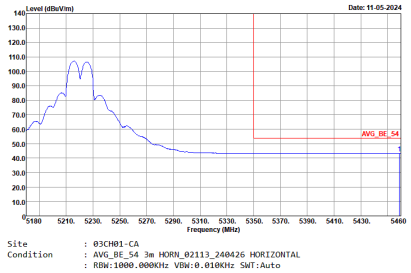
Band 1 5150~5250MHz

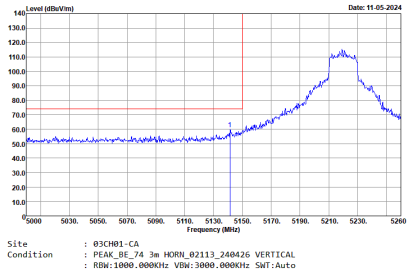
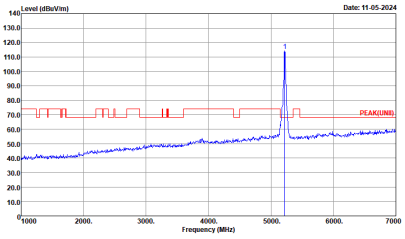
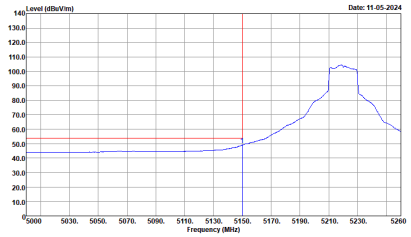
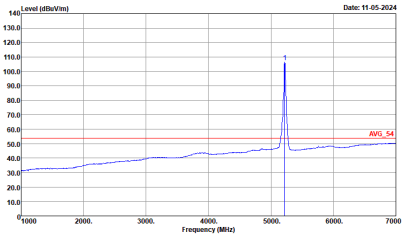
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

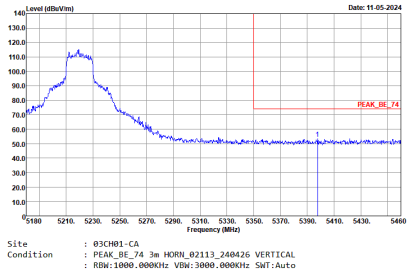
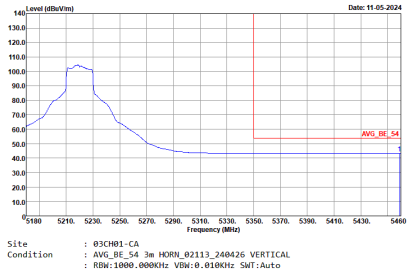
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

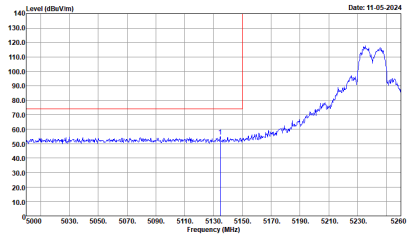
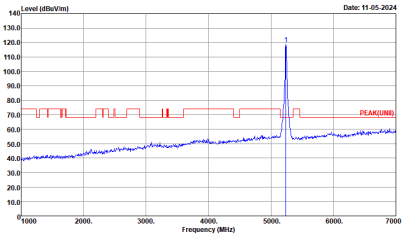
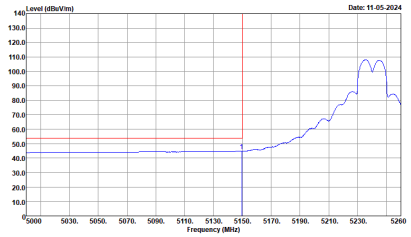
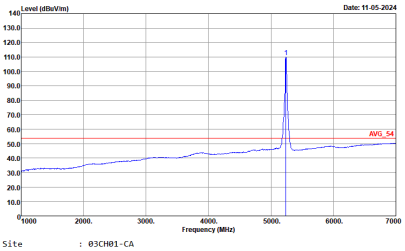
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

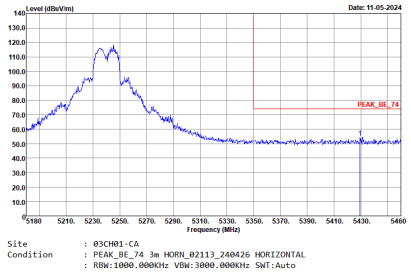
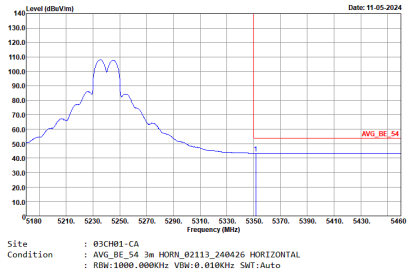
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

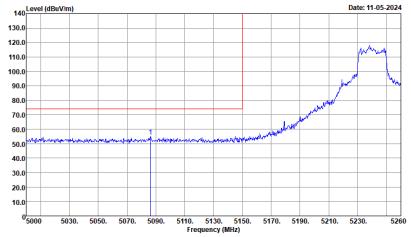
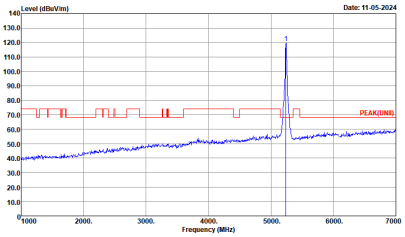
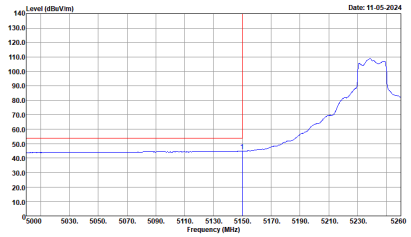
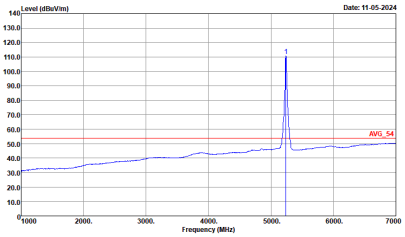
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

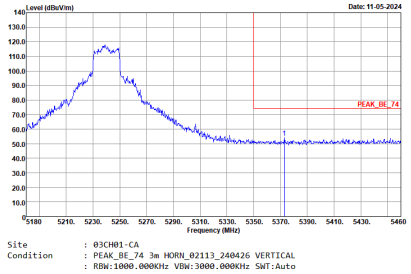
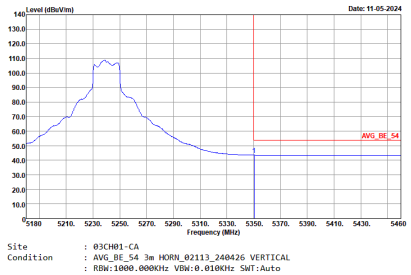
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

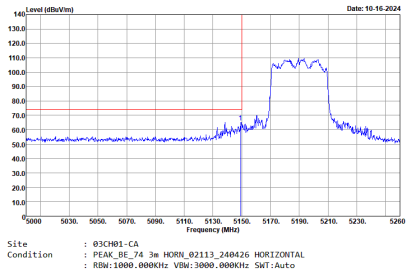
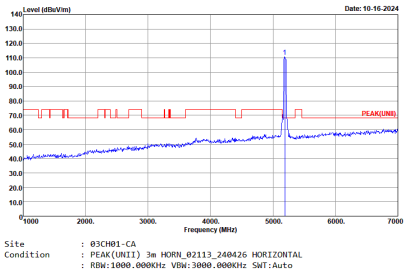
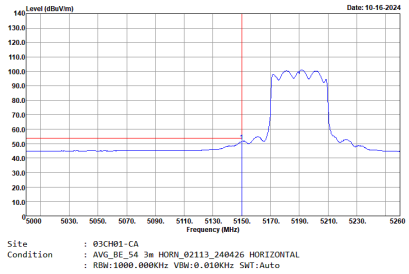
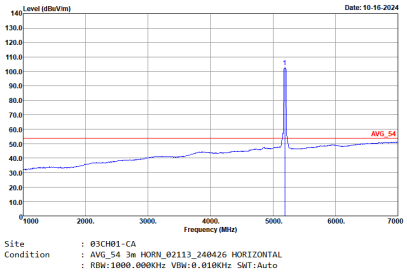
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

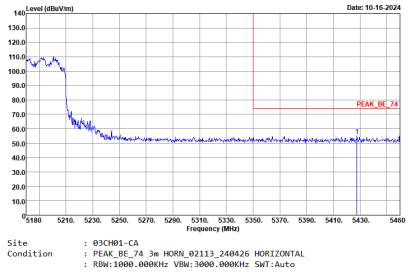
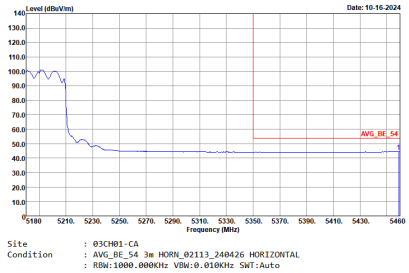
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

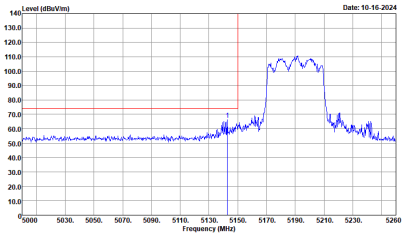
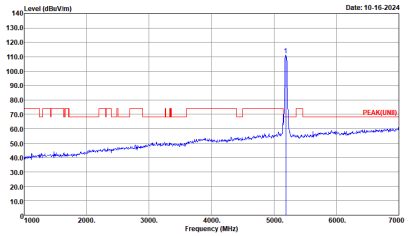
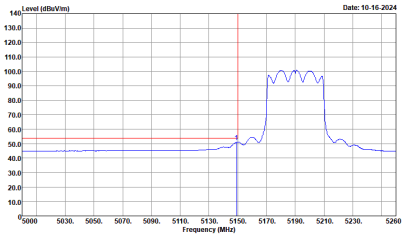
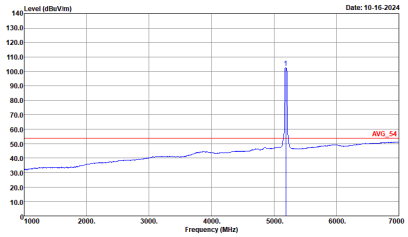
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

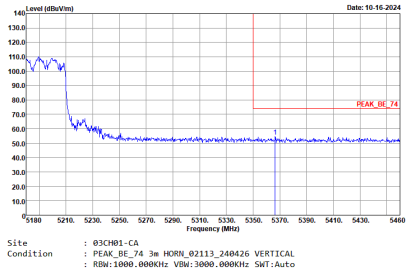
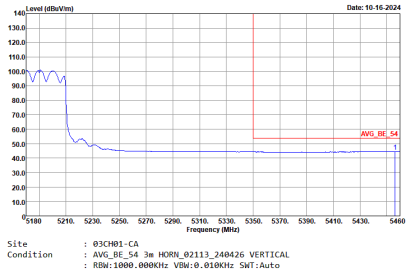
Band 1 5150~5250MHz

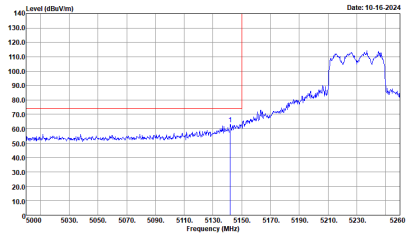
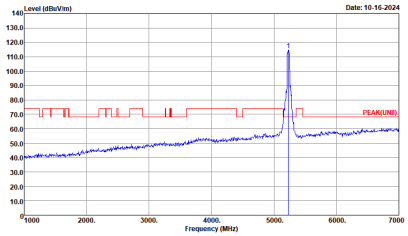
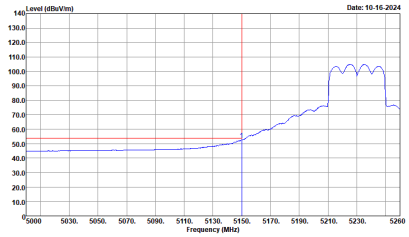
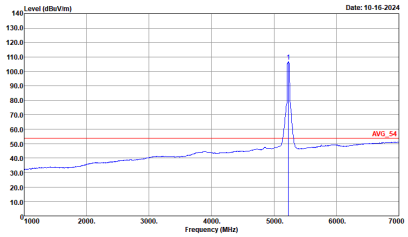
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

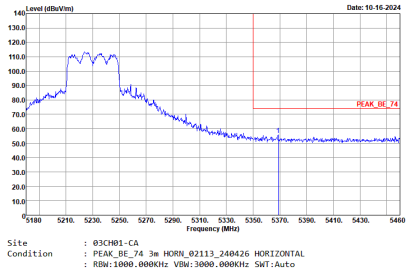
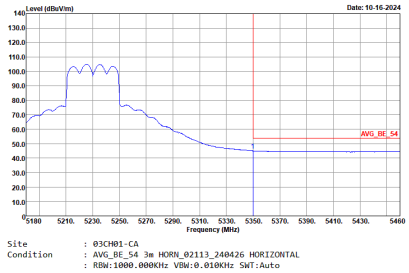
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

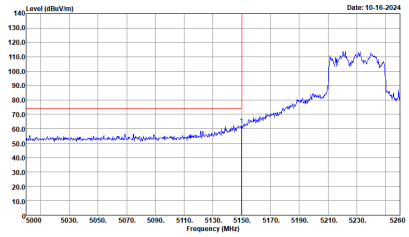
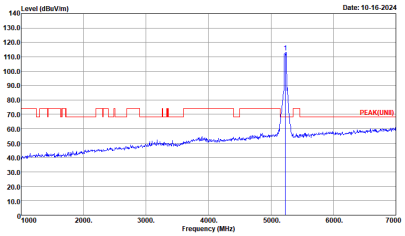
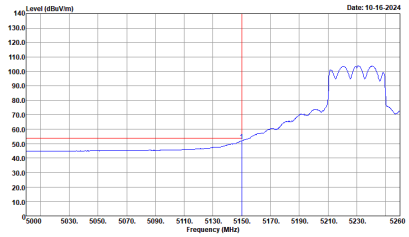
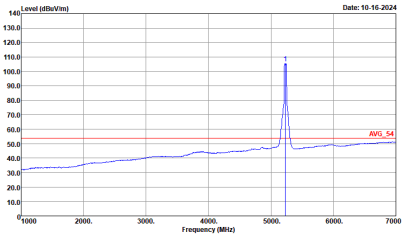
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

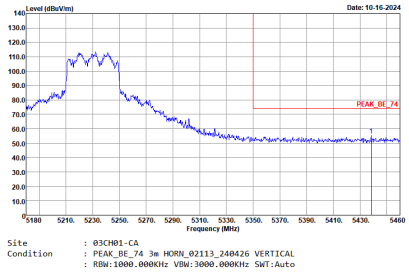
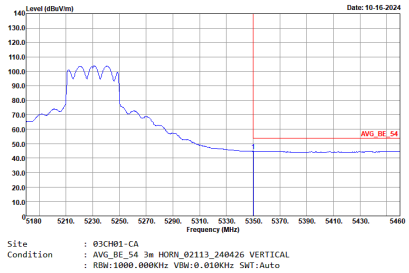
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

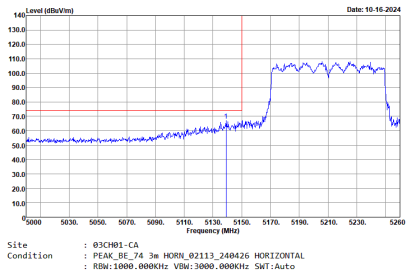
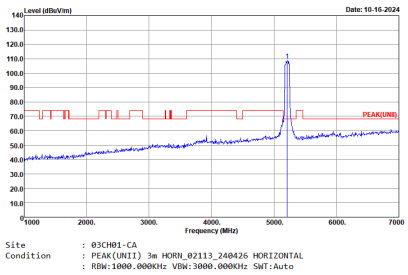
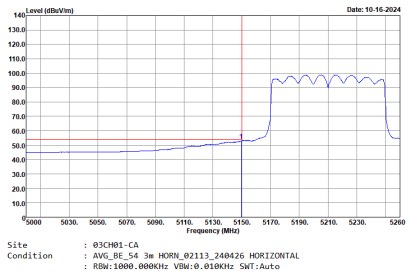
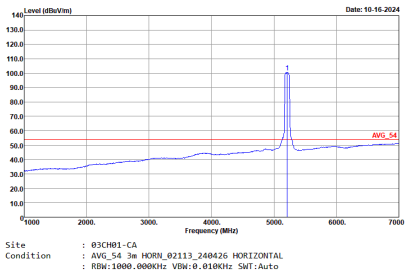
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

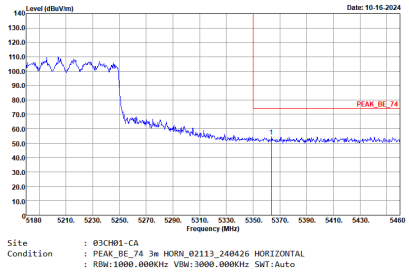
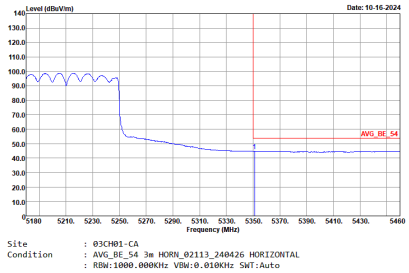
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

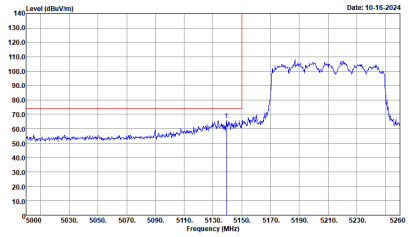
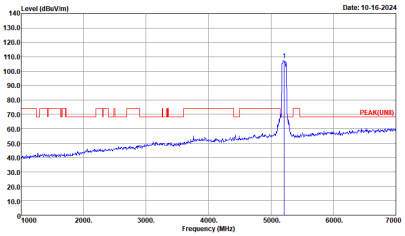
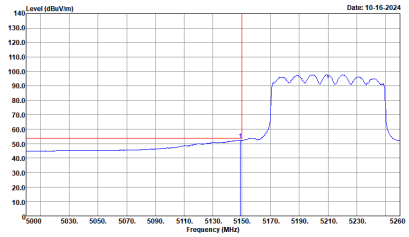
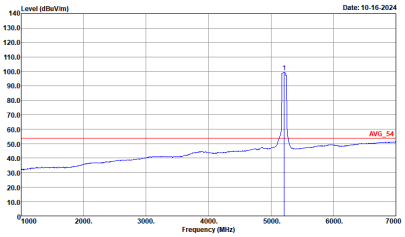
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

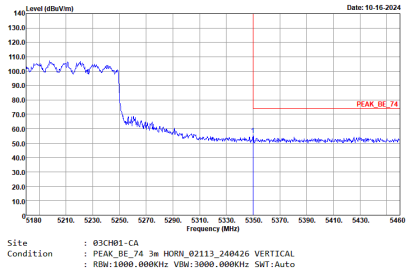
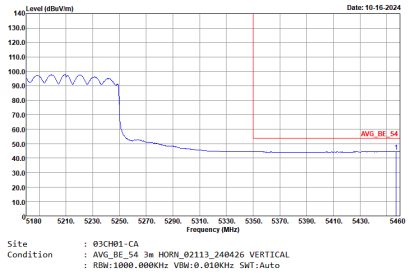
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

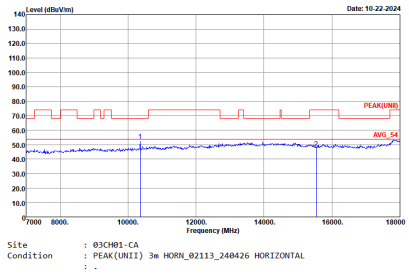
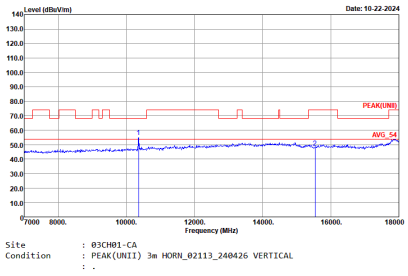
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

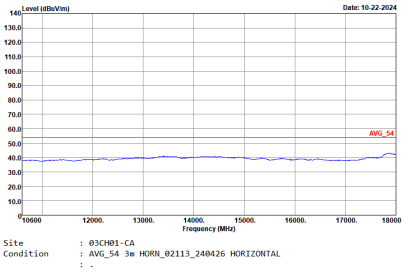
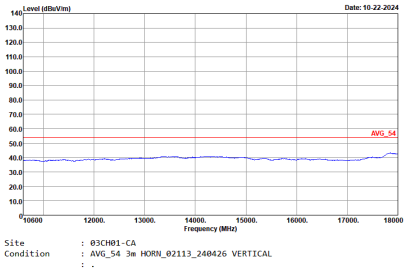
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

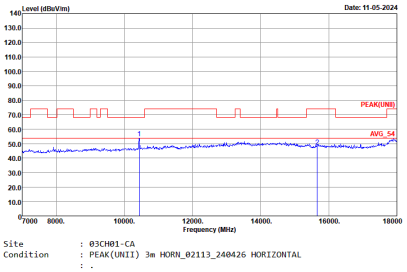
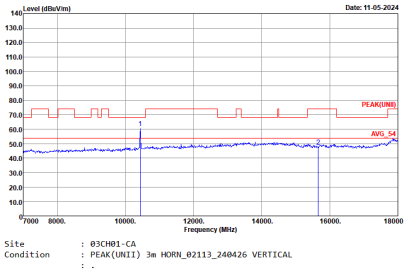
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

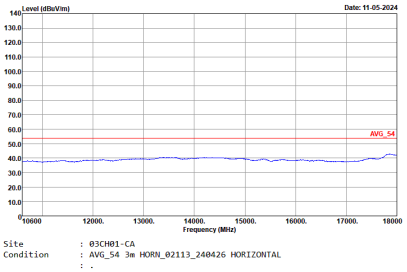
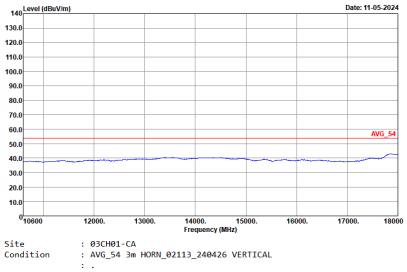
Band 1 - 5150~5250MHz

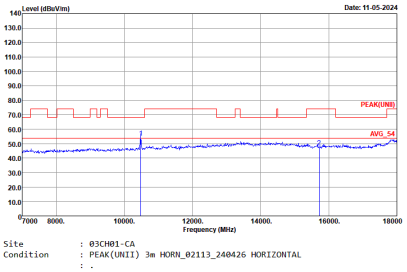
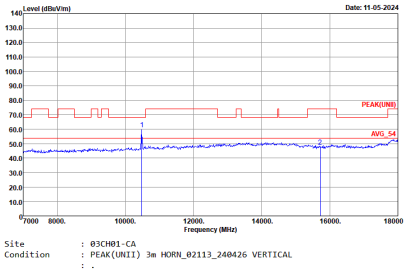
WIFI 802.11a (Harmonic @ 3m)

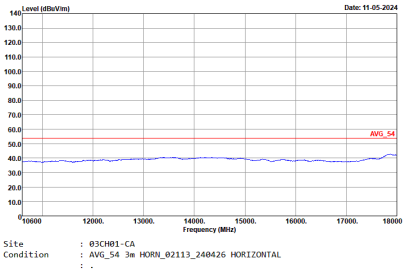
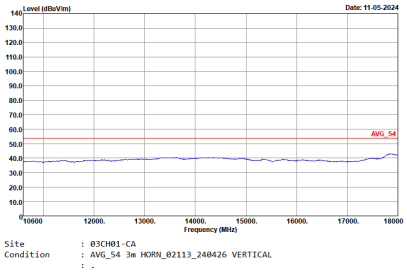
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

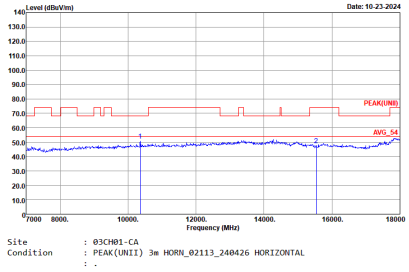
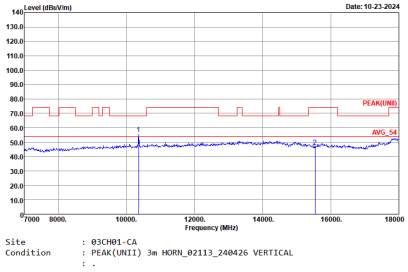
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.		

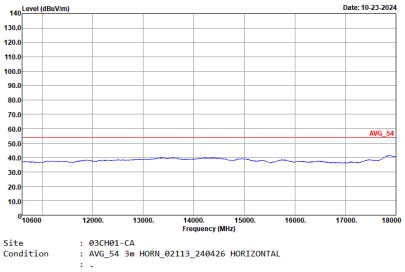
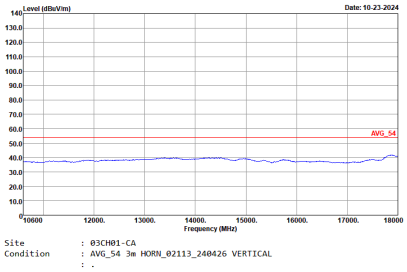
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

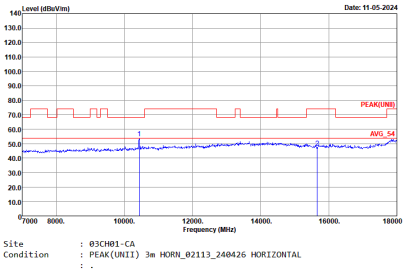
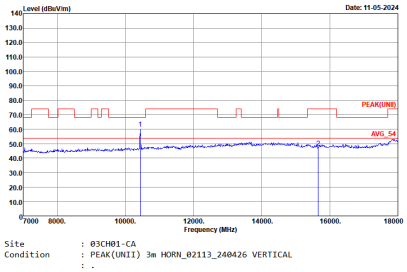
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.		

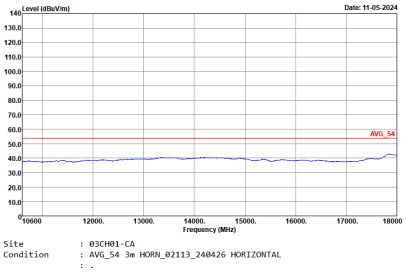
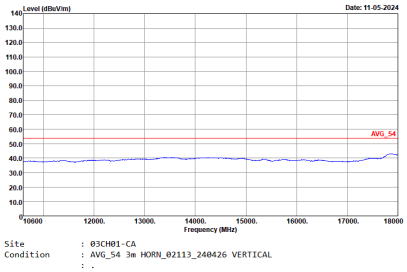
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

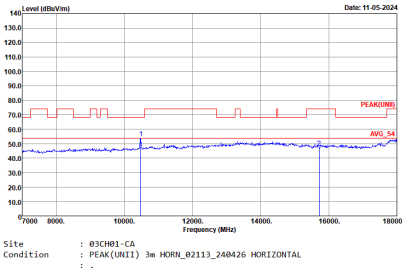
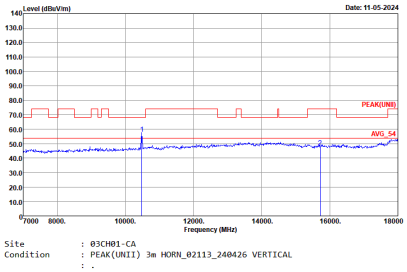
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

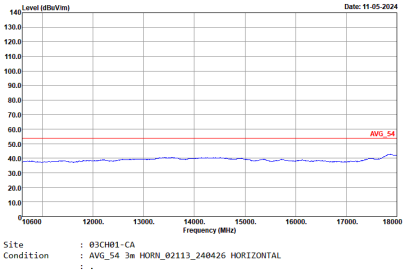
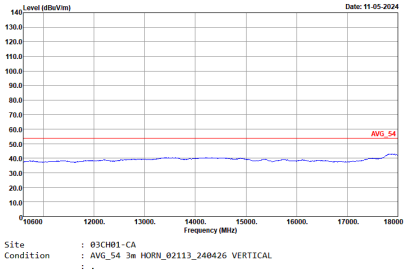
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.		

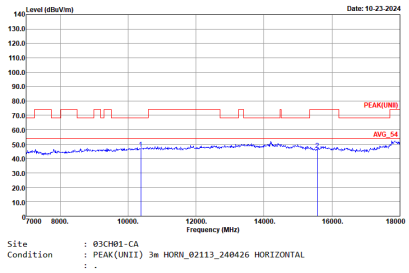
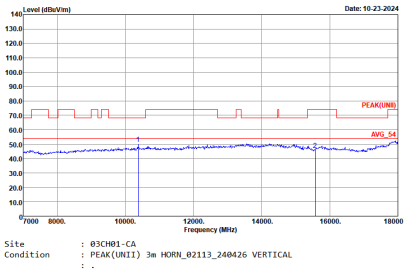
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

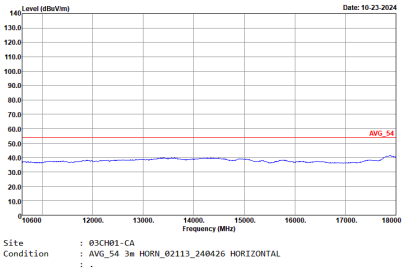
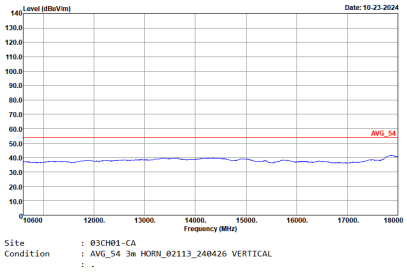
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.		

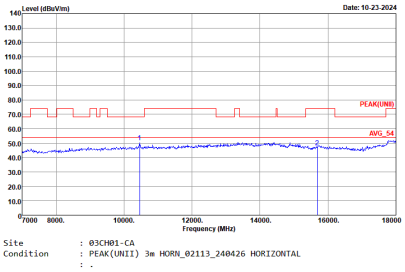
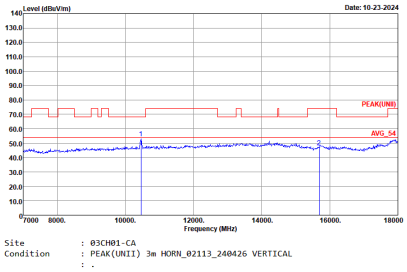
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

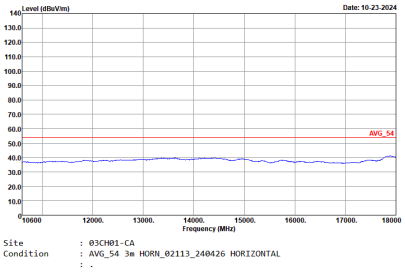
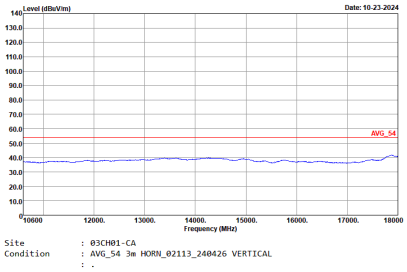
Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.		

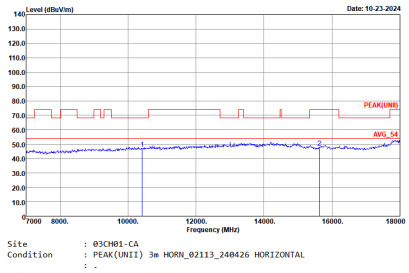
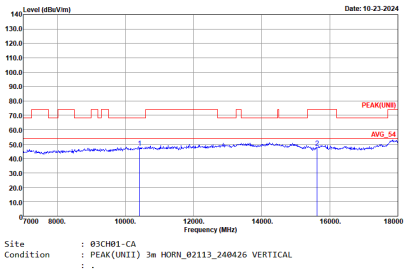
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

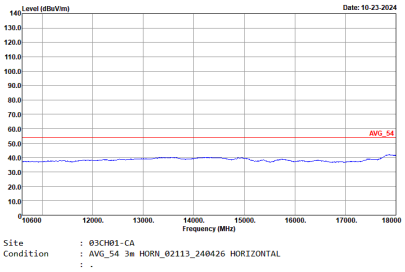
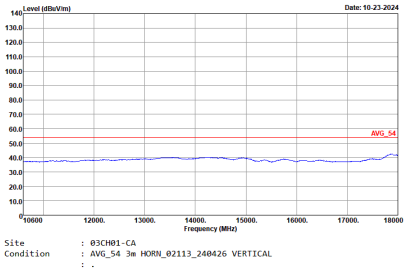
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : .	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : .

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

Band 1 5150~5250MHz

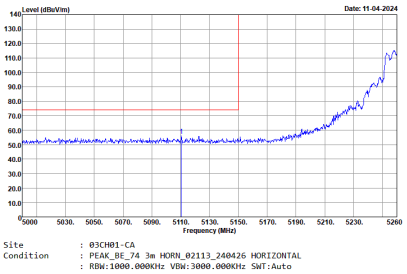
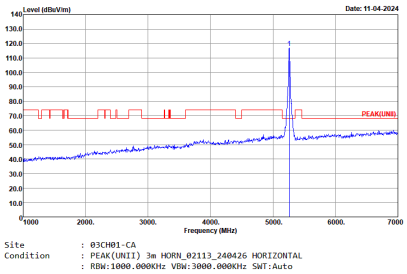
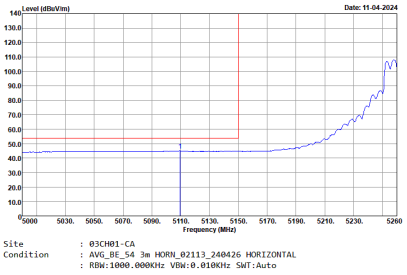
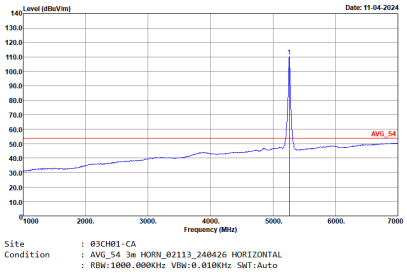
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

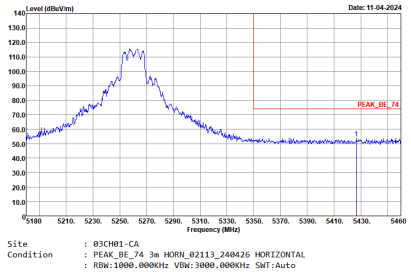
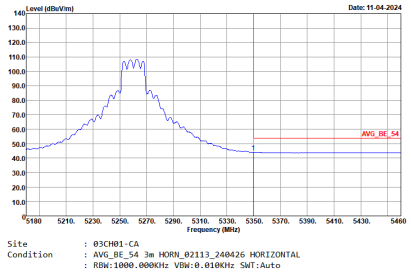
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.		

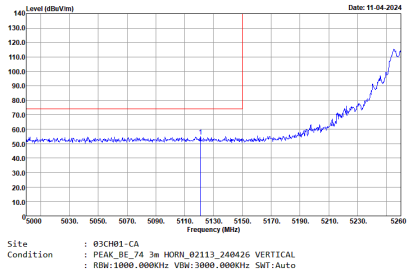
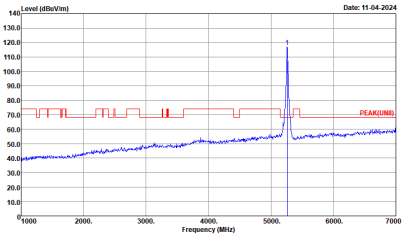
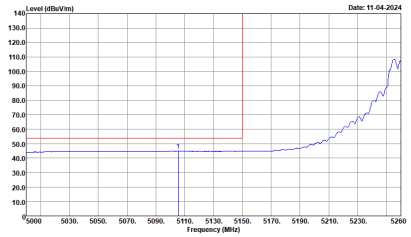
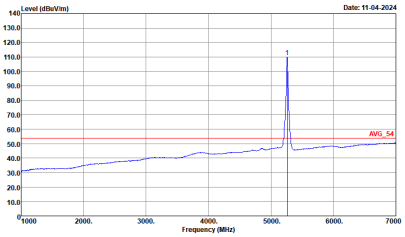
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

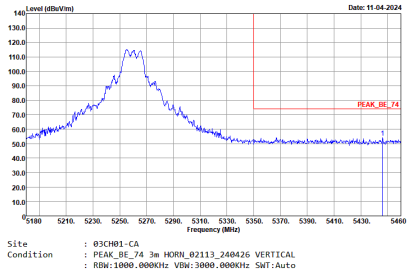
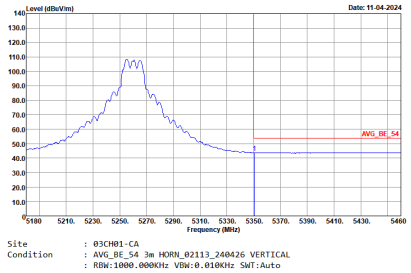
Band 2 - 5250~5350MHz

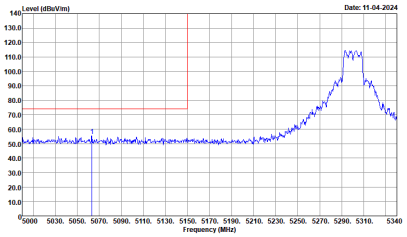
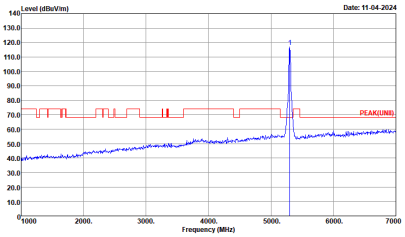
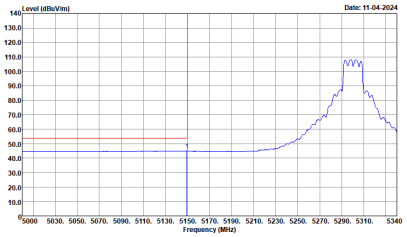
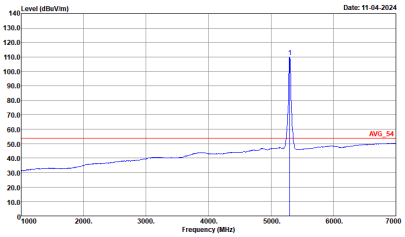
WIFI 802.11a (Band Edge @ 3m)

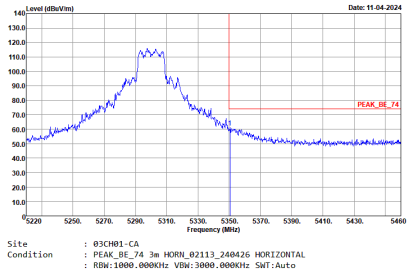
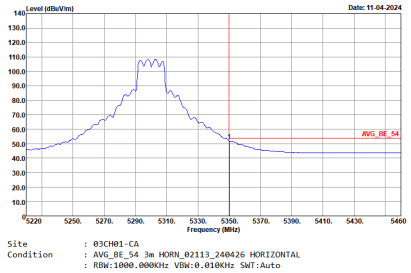
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORTIONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

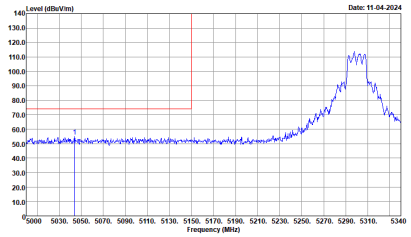
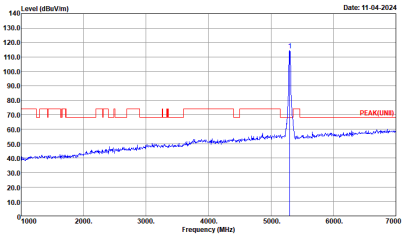
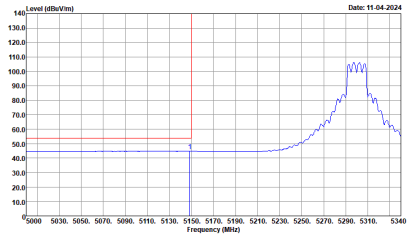
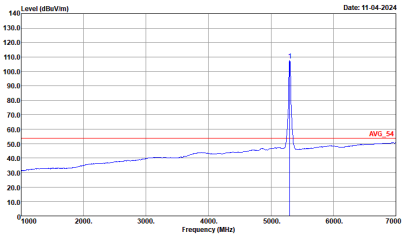
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

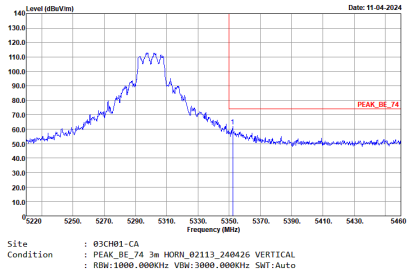
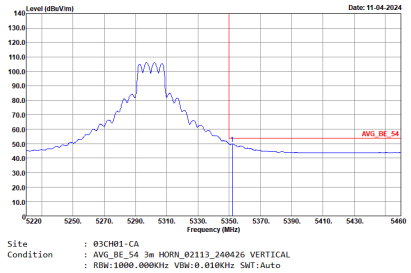
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

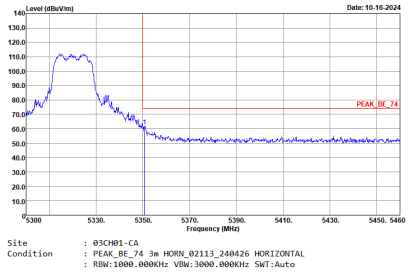
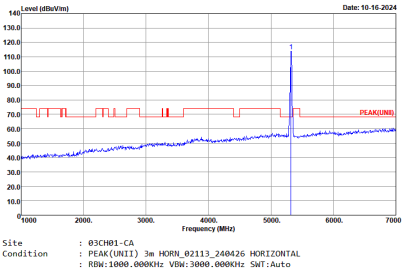
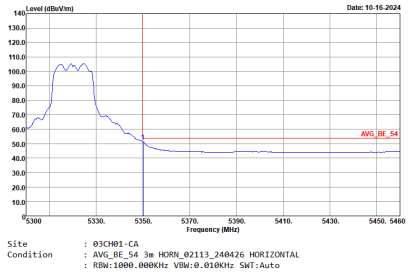
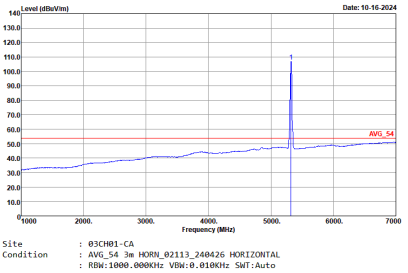
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

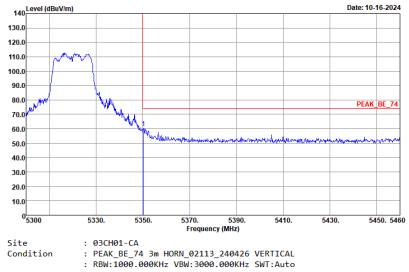
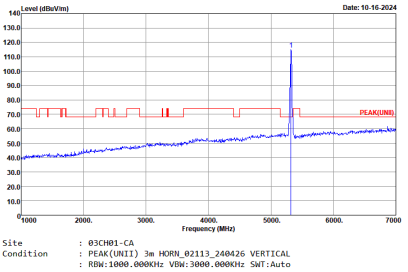
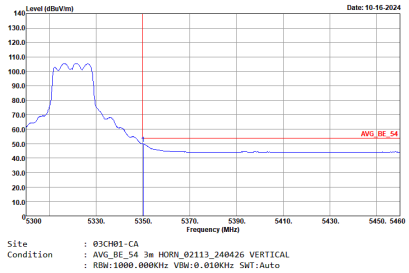
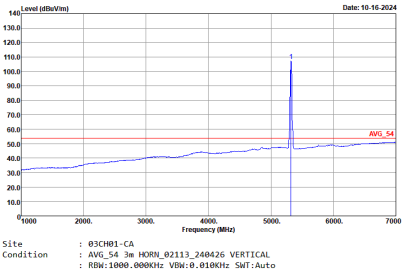
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

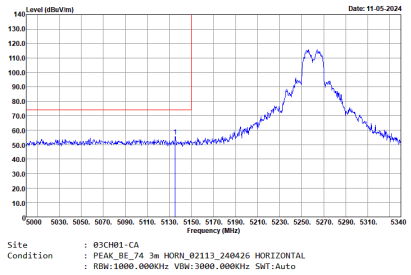
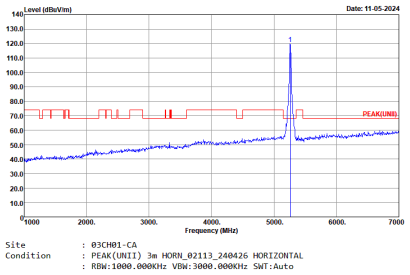
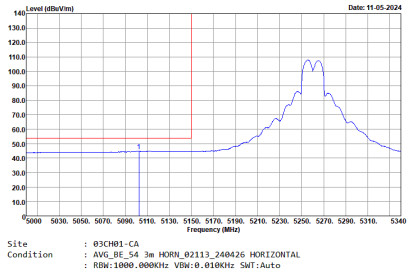
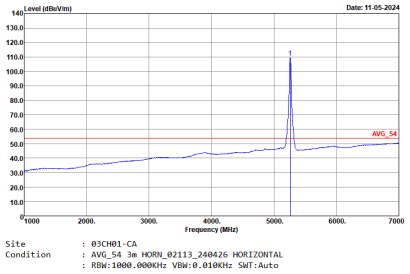
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

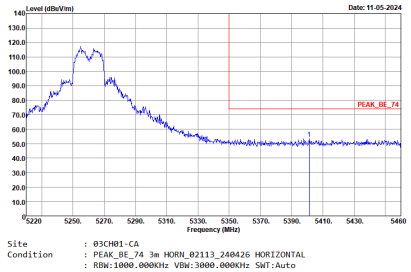
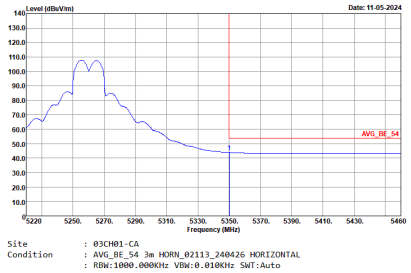
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

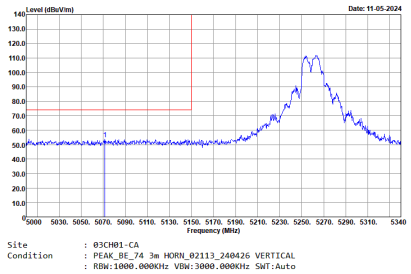
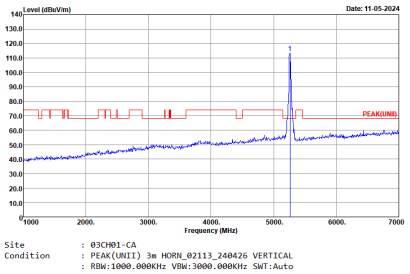
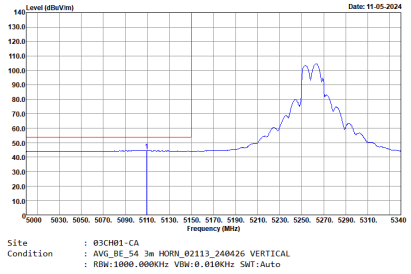
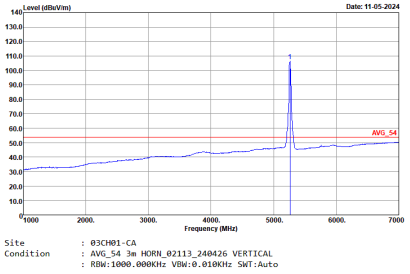
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

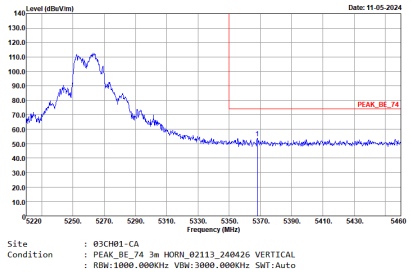
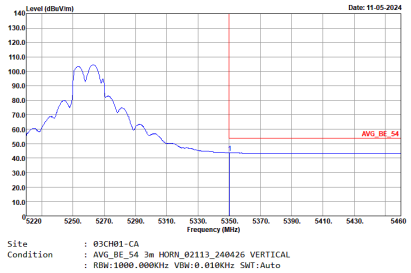
Band 2 5250~5350MHz

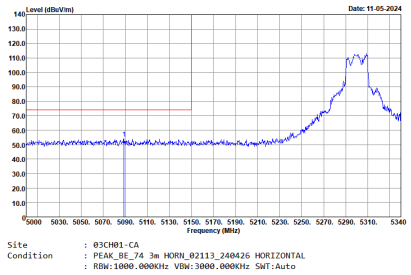
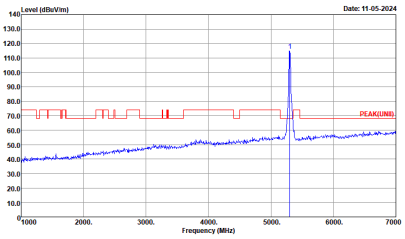
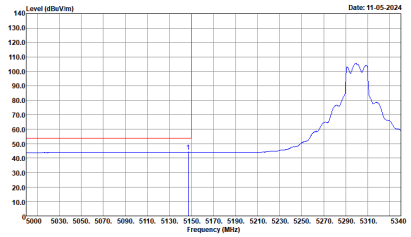
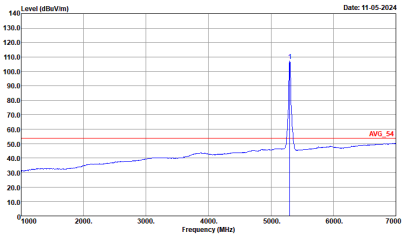
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

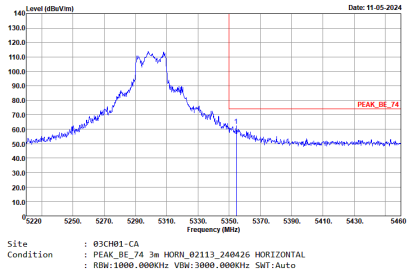
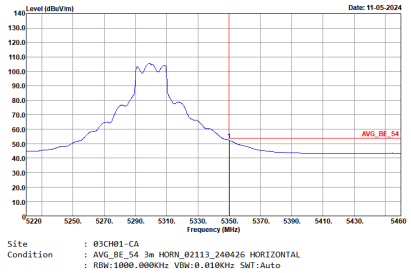
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

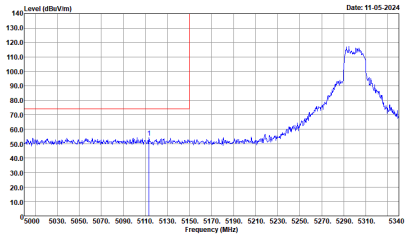
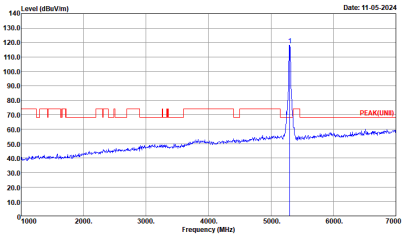
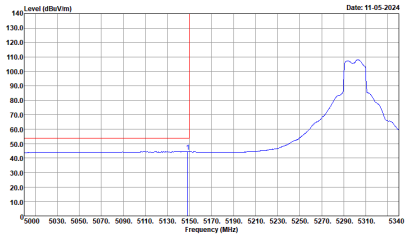
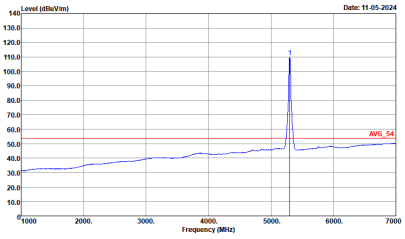
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

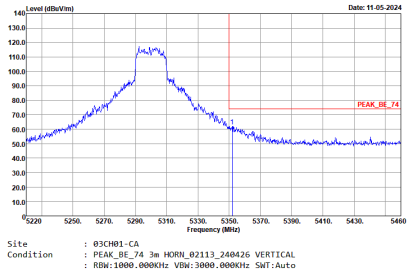
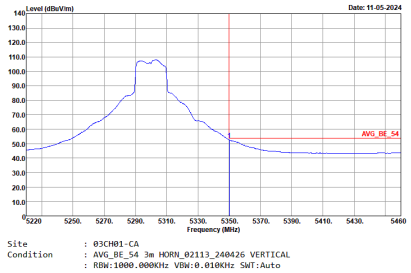
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

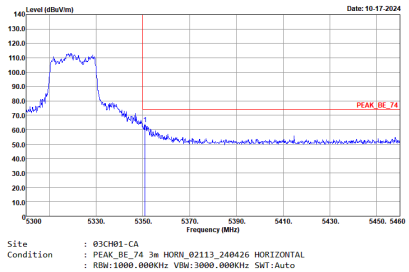
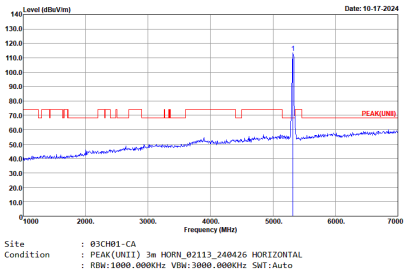
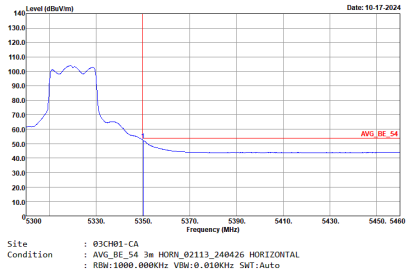
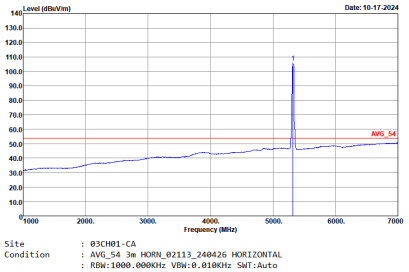
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

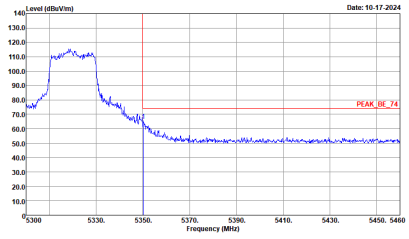
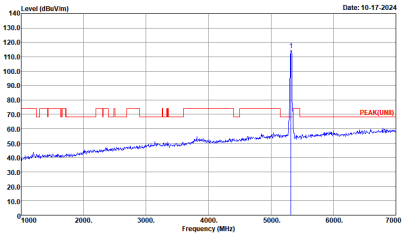
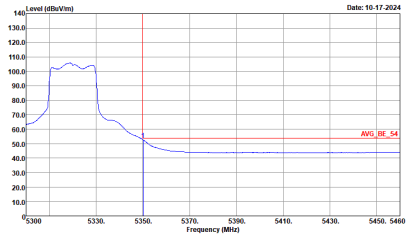
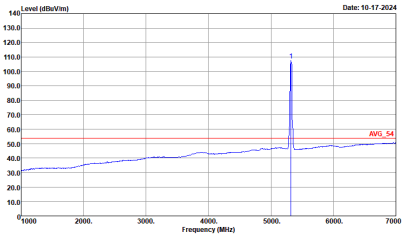
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

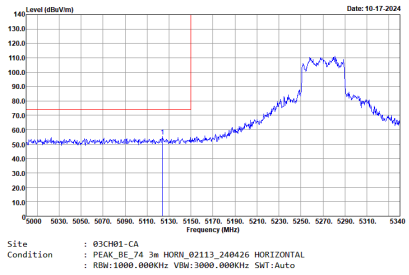
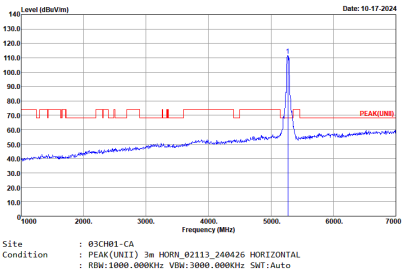
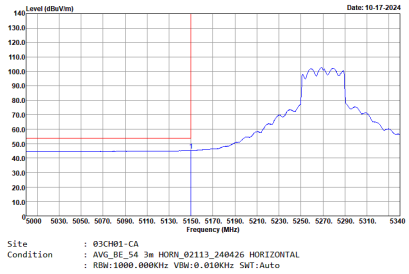
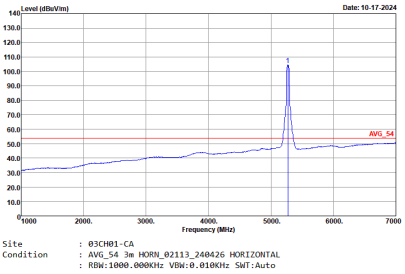
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

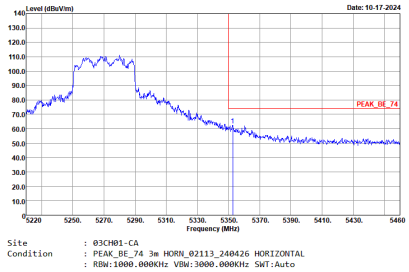
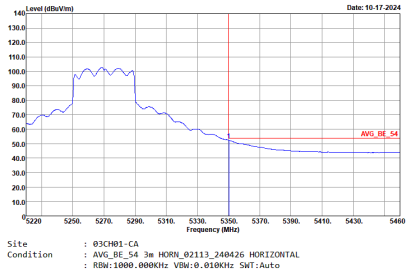
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

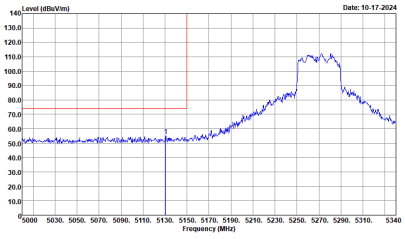
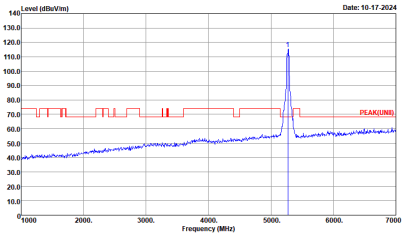
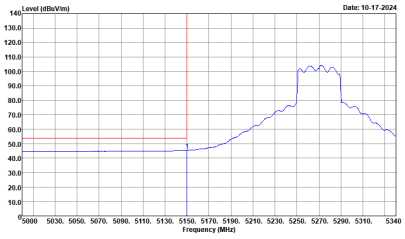
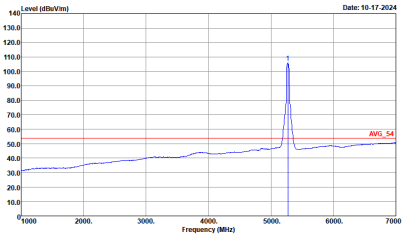
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

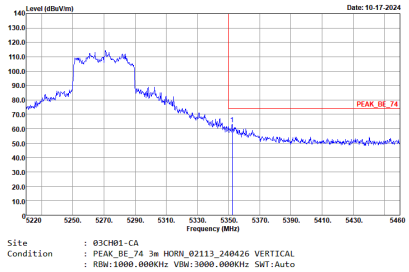
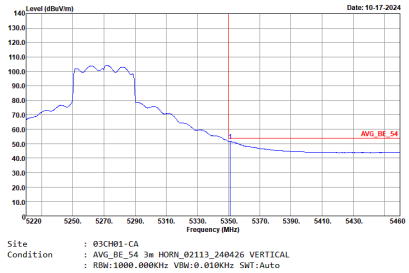
Band 2 - 5250~5350MHz

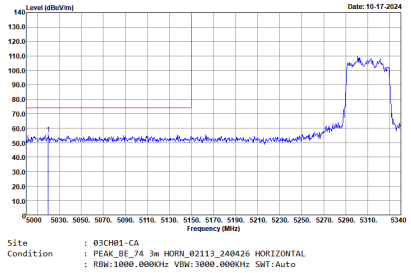
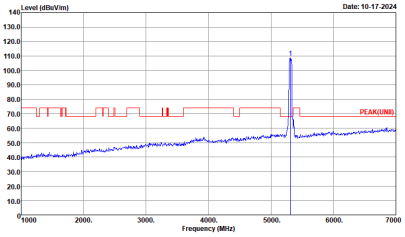
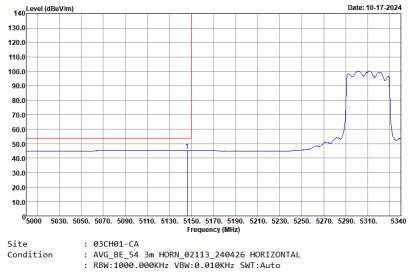
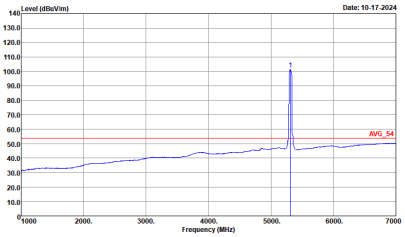
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

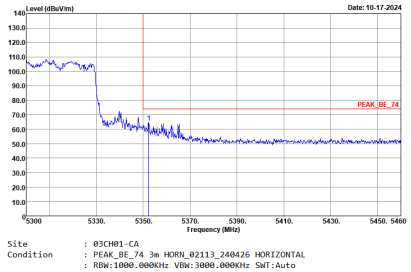
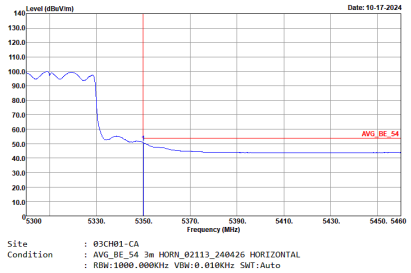
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

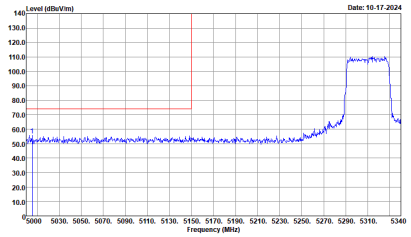
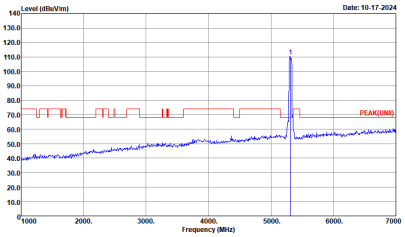
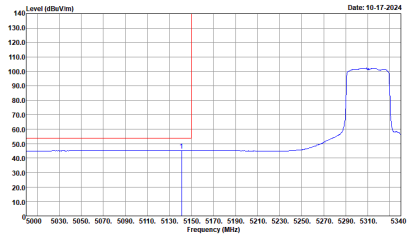
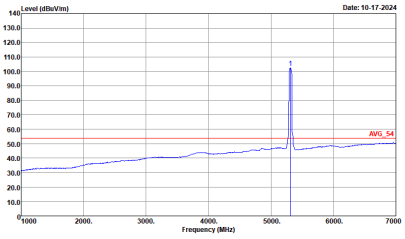
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

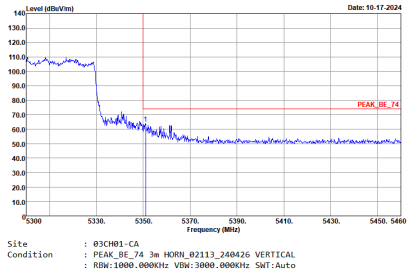
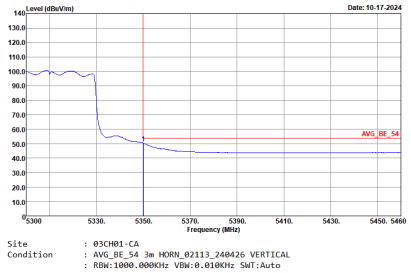
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

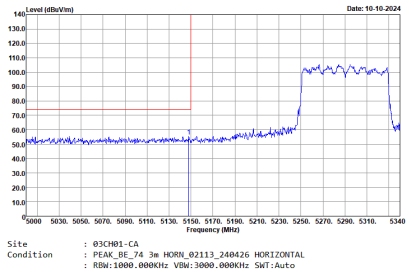
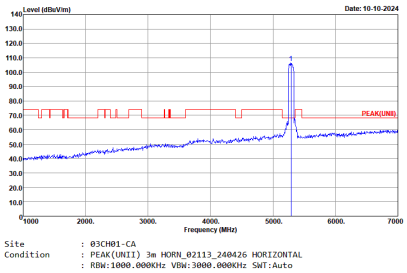
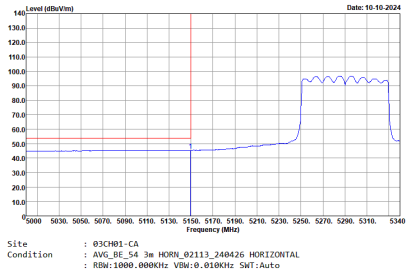
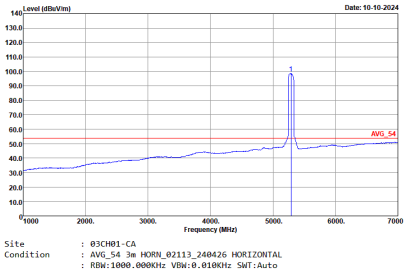
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

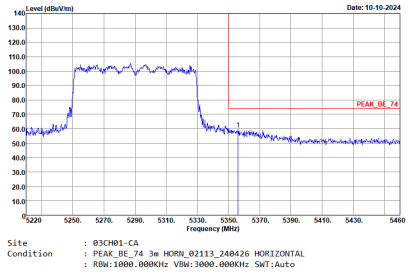
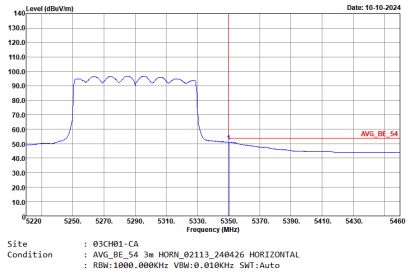
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

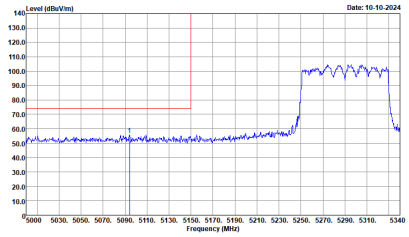
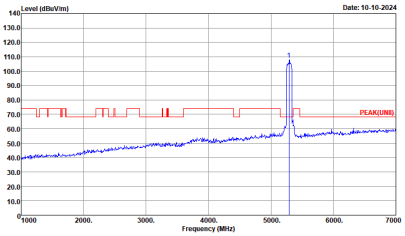
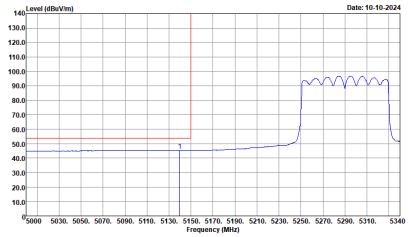
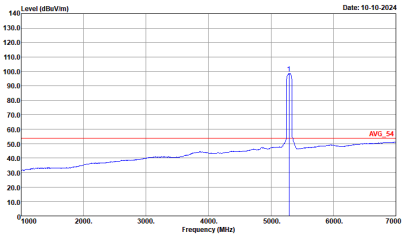
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

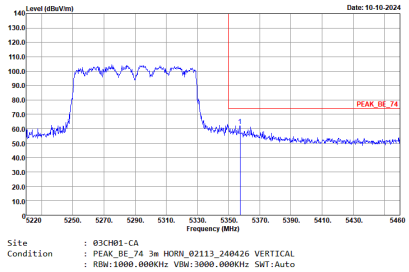
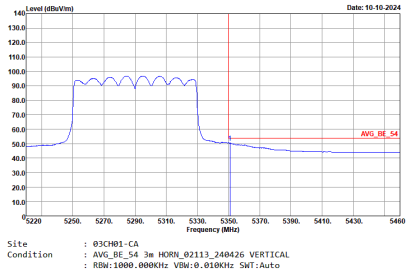
Band 2 5250~5350MHz

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

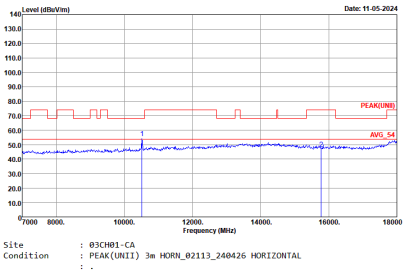
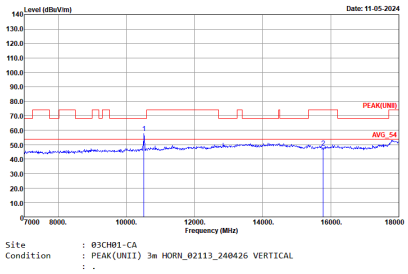
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

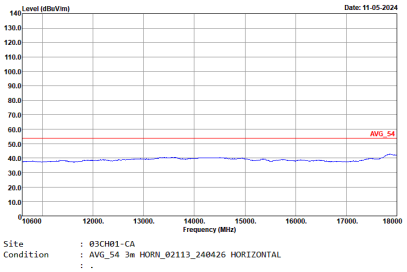
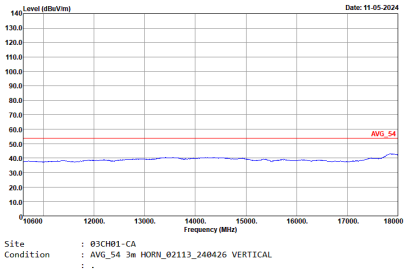
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE_74 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

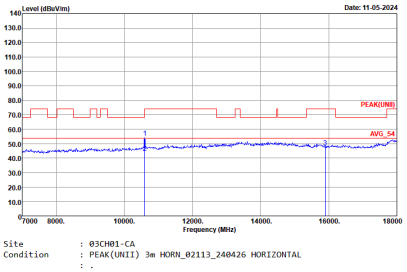
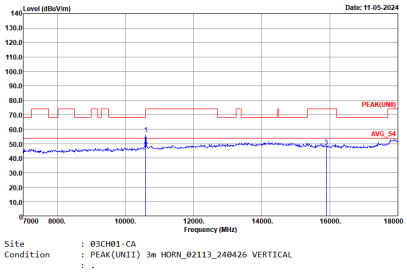
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

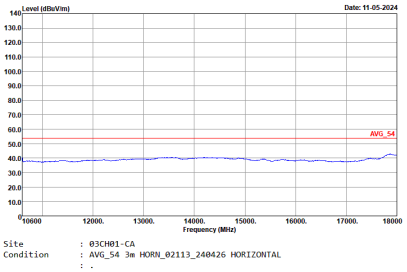
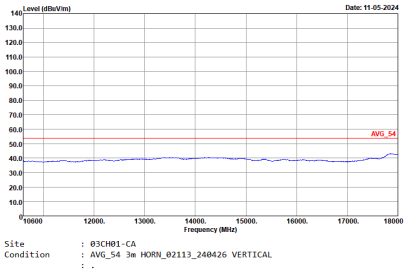
Band 2 - 5250~5350MHz

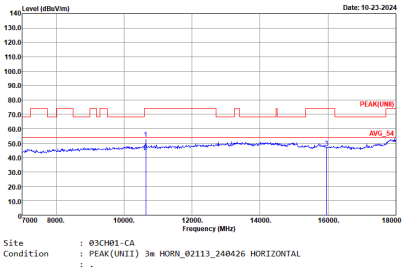
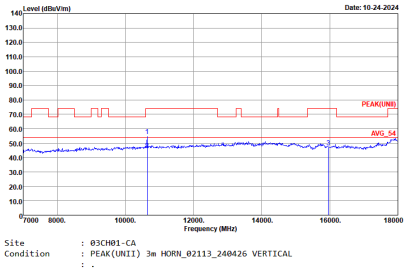
WIFI 802.11a (Harmonic @ 3m)

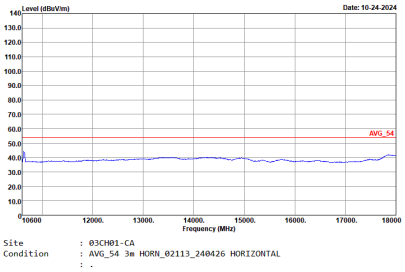
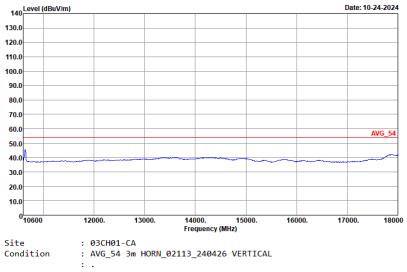
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : .	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : .

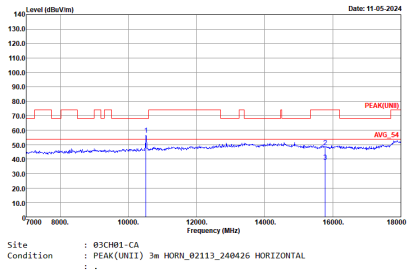
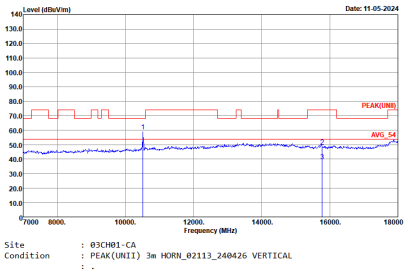
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

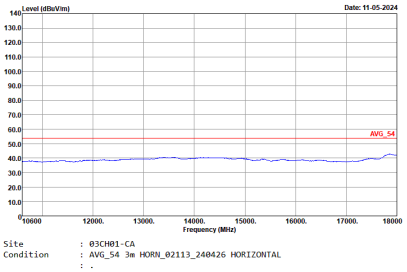
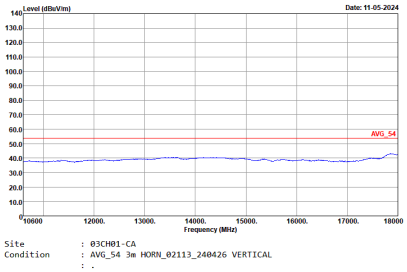
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : .	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : .

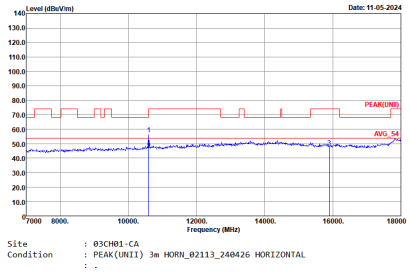
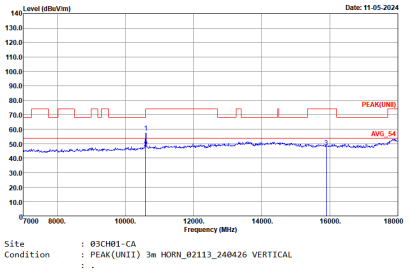
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

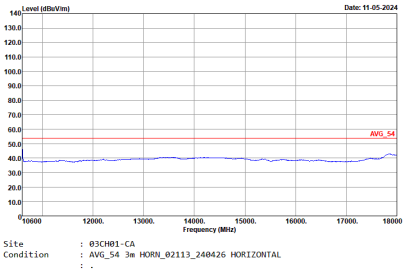
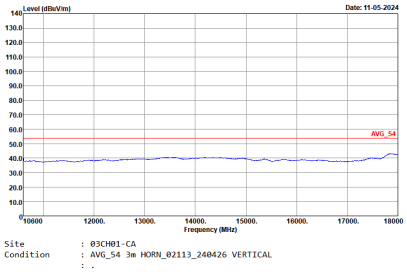
Band 2 5250~5350MHz

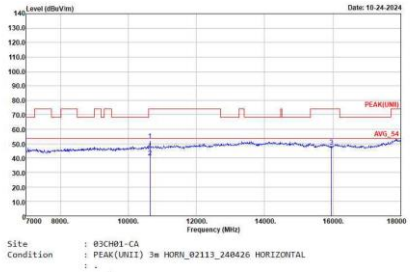
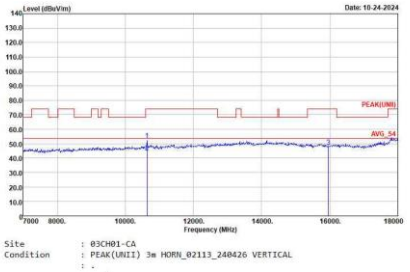
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

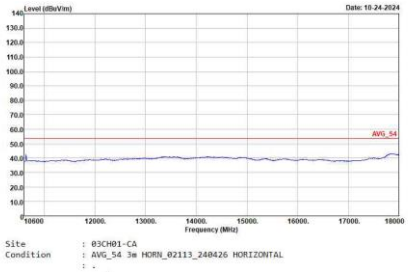
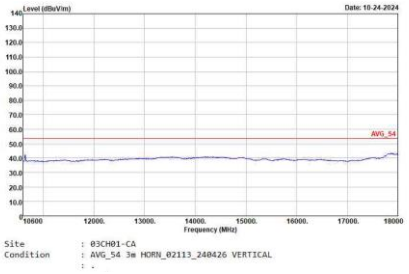
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.		

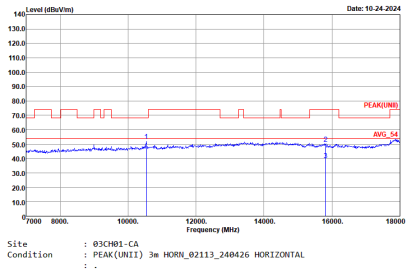
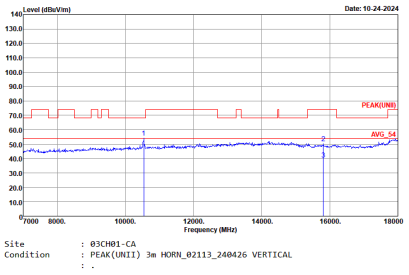
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

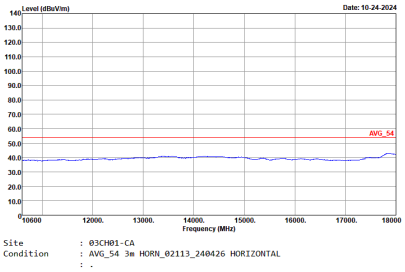
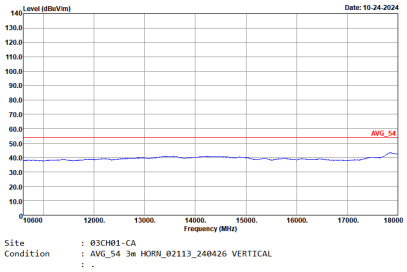
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.		

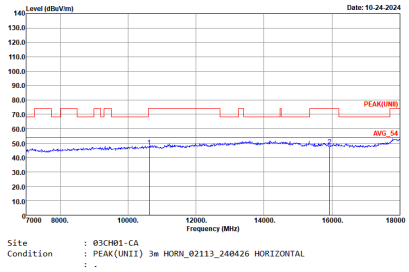
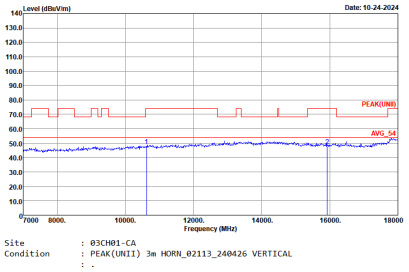
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

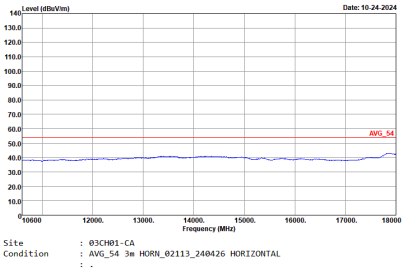
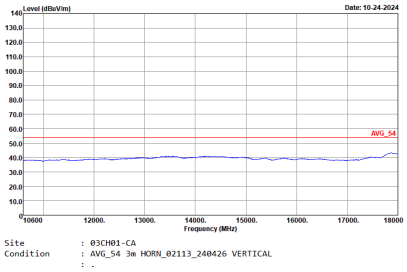
Band 2 - 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

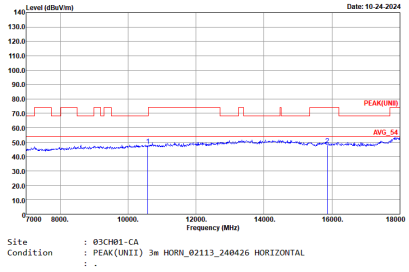
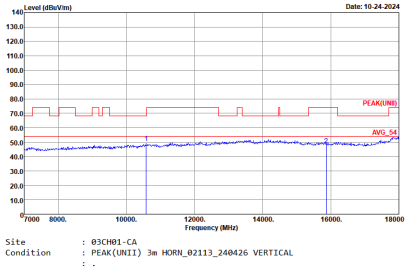
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH54 5270	
1+2	Horizontal	Vertical
Peak Avg.		

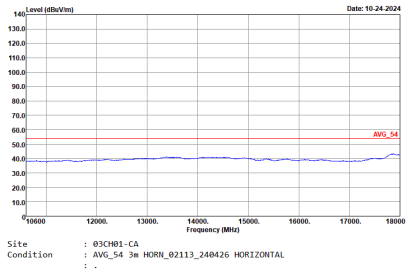
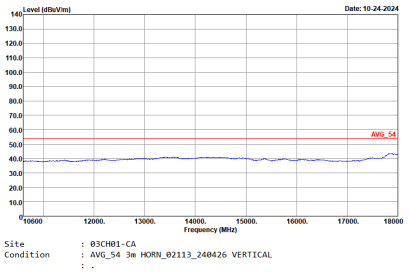
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH54 5270	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH62 5310	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH62 5310	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

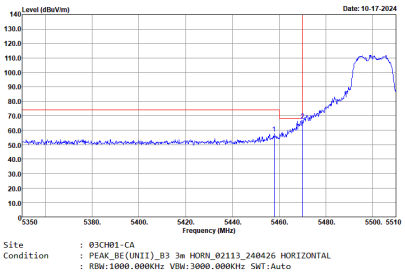
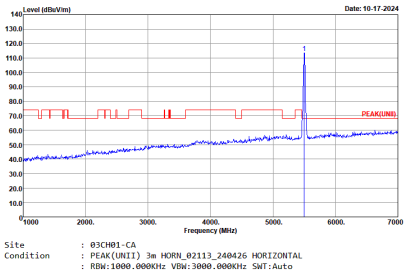
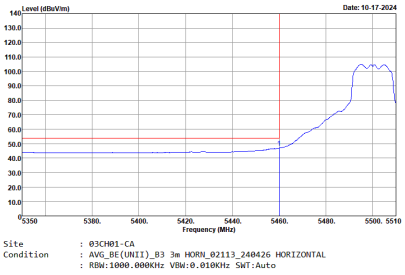
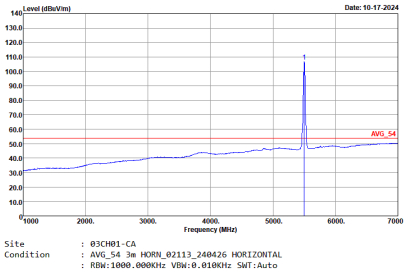
Band 2 5250~5350MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

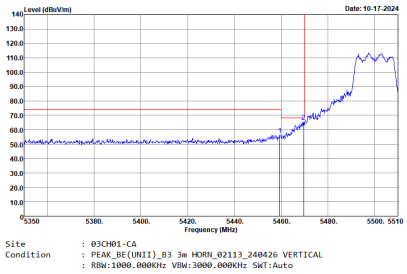
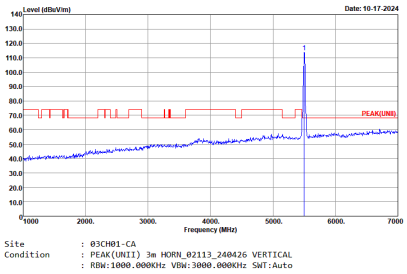
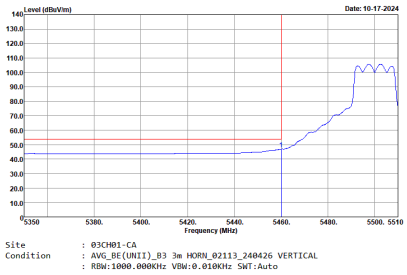
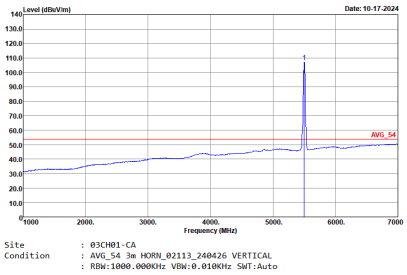
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz	
1+2	Horizontal	Vertical
Peak Avg.		

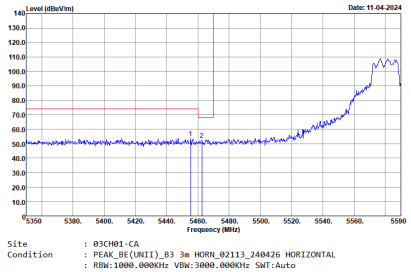
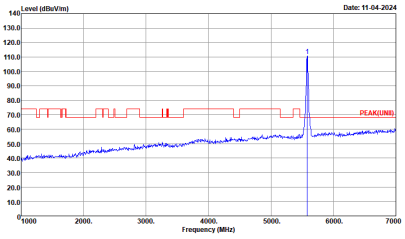
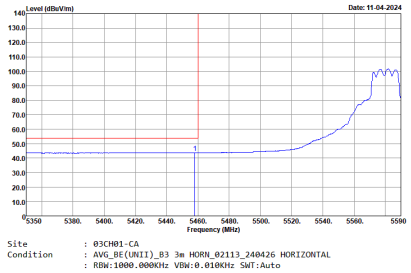
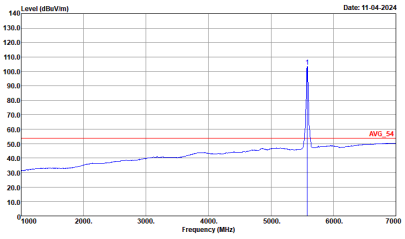
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.		

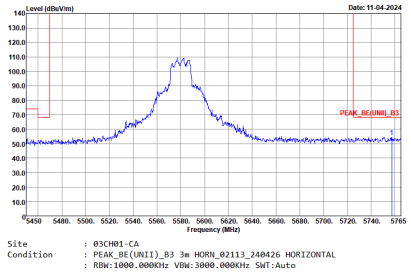
Band 3 - 5470~5725MHz

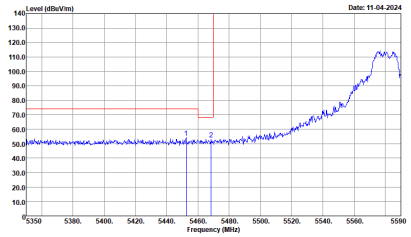
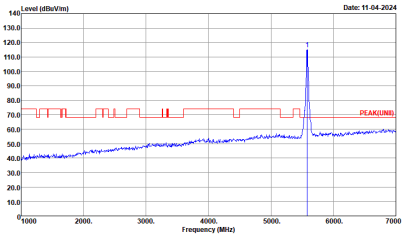
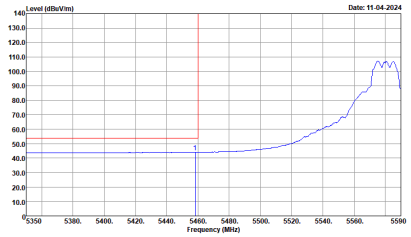
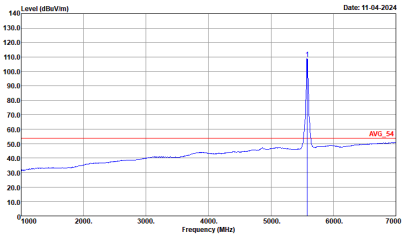
WIFI 802.11a (Band Edge @ 3m)

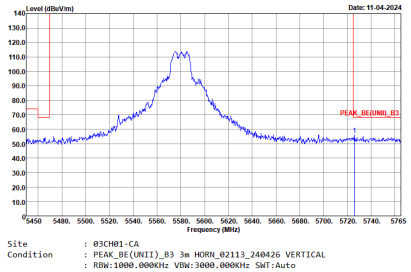
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

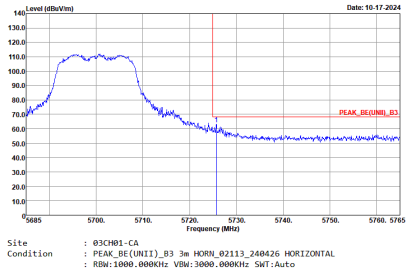
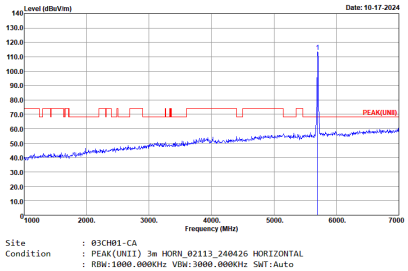
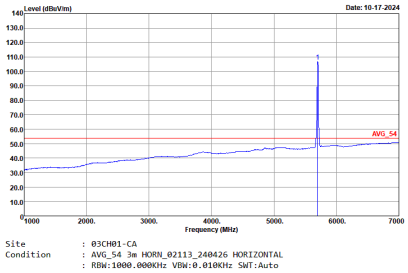
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE(UNII)_B3 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE(UNII)_B3 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE(UNII)_B3 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE(UNII)_B3 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH01-CA Condition : PEAK_BE(UNII)_B3 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH01-CA Condition : PEAK(UNII) 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH01-CA Condition : AVG_BE(UNII)_B3 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH01-CA Condition : AVG_54 3m HORN_02113_240426 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak		
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