FCC RADIO TEST REPORT

FCC ID	:	**2ATQRSMODBV3**
Equipment	:	**SkydioLink Third Generation Radio Module**
Brand Name	:	**Skydio**
Model Name	:	**SMODBV3**
Applicant	:	**Skydio, Inc.** **3000 Clearview Way San Mateo, CA 94402**
Manufacturer	:	**Skydio, Inc.** **3000 Clearview Way San Mateo, CA 94402**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Mar. 03, 2023 and testing was performed from Mar. 31, 2023 to Jun. 01, 2023. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: David Hung

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

Table of Contents

History of this test report

Report No.	Version	Description	Issue Date
FR230303001B	01	Initial issue of report	Jun. 23, 2023
FR230303001B	02	Revise report clause of summary, conducted test mode remark, Appendix C and Appendix D and add STBC Mode calculation example. This report is an updated version, replacing the report issued on Jun. 23, 2023.	Aug. 08, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	0.23 dB under the limit at 5350.08 MHz for Low Gain Antenna 0.19 dB under the limit at 5725.08 MHz for High Gain Antenna
3.5	15.207	AC Conducted Emission	Pass	16.51 dB under the limit at 0.79 MHz
3.6	15.203	Antenna Requirement	Pass	-

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
General Specs Wi-Fi 2.4GHz 802.11g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax. **Antenna Type** WLAN: Dipole Antenna Antenna 0: 2.4GHz/5GHz band Tx/Rx Antenna 1: Rx only Antenna 2: 2.4GHz/5GHz band Tx/Rx Antenna 3: Rx only **FW version:** P2GoldenSPC_ver1.1.0 **HW version:** 360-207231-000-3

Antenna information (Low Gain Antenna)		
Type	Dipole Antenna	
Model	360-205976-000	
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 0: 1.35 Ant. 2: 1.33
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 0: 1.90 Ant. 2: 2.10
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 0: 1.33 Ant. 2: 1.37

Antenna information (High Gain Antenna)		
Type	Dipole Antenna	
Model	360-208447-000	
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 0: 7.47 Ant. 2: 5.84
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 0: 7.76 Ant. 2: 6.46
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 0: 6.84 Ant. 2: 5.42

Remark:

1. This device is a software define radio (SDR), in which the operation modes can be configured to work as a master or a slave while integrated into specific hosts.
2. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.1.1 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 $N_{ANT} \leq 4$.

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

Where G1, G2….GN denote single antenna 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.

<Low Gain Antenna>

	Ant 0 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	1.35	1.33	1.34	4.35	0.00	0.00
Band II	1.90	2.10	2.00	5.01	0.00	0.00
Band III	1.33	1.37	1.35	4.36	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT1}= 1.35dBi; G_{ANT2}=1.33dBi

Directional gain of power measurement is derived from following formula:

10 x log { [10^(1.35/10) + 10^(1.33/10)] / 2 } = 1.34 dBi

Directional gain of PSD is derived from following formula:

10 x log { { [10^ (1.35 dBi / 20) + 10^ (1.33 dBi / 20)] ^ 2 } / 2 }

= 4.35 dBi

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

<High Gain Antenna>

	Ant 0 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	7.47	5.84	6.73	9.70	0.73	3.70
Band II	7.76	6.46	7.16	10.14	1.16	4.14
Band III	6.84	5.42	6.19	9.17	0.19	3.17

Calculation example:

If a device has two antenna, G_{ANT1}= 7.47dBi; G_{ANT2}=5.84dBi

Directional gain of power measurement is derived from following formula:

10 x log { [10^(7.47/10) + 10^(5.84/10)] / 2 } = 6.73 dBi

Directional gain of PSD is derived from following formula:

10 x log { { [10^ (7.47 dBi / 20) + 10^ (5.84 dBi / 20)] ^ 2 } / 2 }

= 9.70 dBi

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

<For STBC Mode>

In STBC mode all transmit signals are completely uncorrelated, then

Following FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)d)ii)

If all transmit signals are completely uncorrelated, then

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

The directional gain "DG" is calculated as following table.

<Low Gain Antenna>

	Ant 0 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	1.35	1.33	1.34	1.34	0.00	0.00
Band II	1.90	2.10	2.00	2.00	0.00	0.00
Band III	1.33	1.37	1.35	1.35	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT1}= 1.35dBi; G_{ANT2}=1.33dBi

Directional gain of power and PSD measurement is derived from following formula:

10 x log { [10^(1.35/10) + 10^(1.33/10)] / 2 } = 1.34 dBi

<High Gain Antenna>

	Ant 0 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	7.47	5.84	6.73	6.73	0.73	0.73
Band II	7.76	6.46	7.16	7.16	1.16	1.16
Band III	6.84	5.42	6.19	6.19	0.19	0.19

Calculation example:

If a device has two antenna, G_{ANT1}= 7.47dBi; G_{ANT2}=5.84dBi

Directional gain of power and PSD measurement is derived from following formula:

10 x log { [10^(7.47/10) + 10^(5.84/10)] / 2 } = 6.73 dBi

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

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

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

FCC designation No.: US 1250

1.4 Applicable Standards

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

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

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). 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) for High Gain Antenna, and two config (Ant. Degree 0 and Ant. Degree 90) for Low Gain Antenna, and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

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:

1. The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.
2. 802.11a is operating in CDD mode, whereas 802.11n, 802.11ac, 802.11ax are operating in STBC mode.
3. After assessment on conducted power, CSD mode is covered by CDD mode.
4. Since client mode power is lower than indoor AP mode in UNII-1, 26dB BW, 99% OBW and RSE measurement in UNII-1 client mode are covered by UNII-1 indoor AP mode.

Test Cases	
AC Conducted Emission	Mode 1 : EUT with low gain antenna + WLAN (2.4GHz) Link + Type C-USB Cable (Charging from Adapter) Mode 2 : EUT with low gain antenna + WLAN (5GHz) Link + Type C-USB Cable (Charging from Adapter) Mode 3 : EUT with high gain antenna + WLAN (2.4GHz) Link + Type C-USB Cable (Charging from Adapter) Mode 4 : EUT with high gain antenna + WLAN (5GHz) Link + Type C-USB Cable (Charging from Adapter)
Remark: The worst case of Conducted Emission is mode 2; only the test data of it was reported.	

<CDD Mode>

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

<STBC Mode>

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

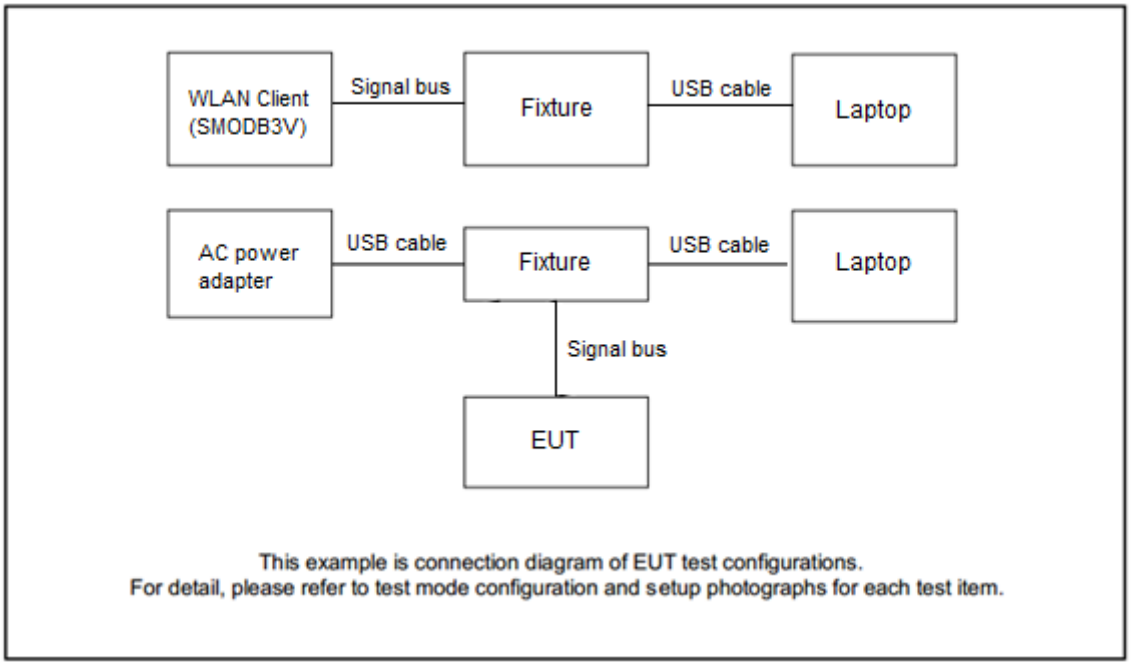
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

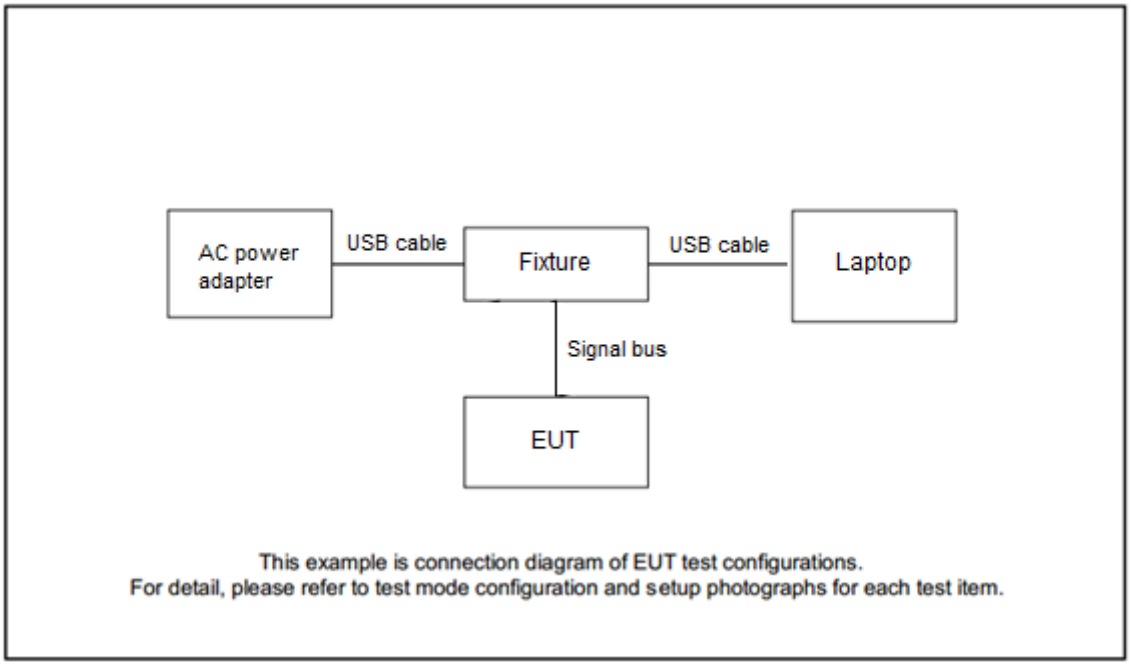
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	DELL	P91F	PD9AX201D2	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	DELL	P61G	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Notebook	Acer	N18Q13	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Adapter	Google	G9BR1	NA	NA	NA
5.	Fixture	Skydio	J1701	NA	NA	NA
6.	Type C-USB cable	NA	NA	NA	Unshielded 1.5m	NA

2.5 EUT Operation Test Setup

The RF test items, utility “Qualcomm Sequence Profiling Resource Ver. 5.0-00197” 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.

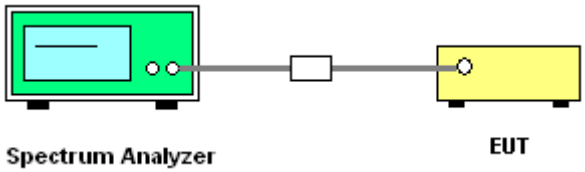
3.1.2 Measuring Instruments

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.

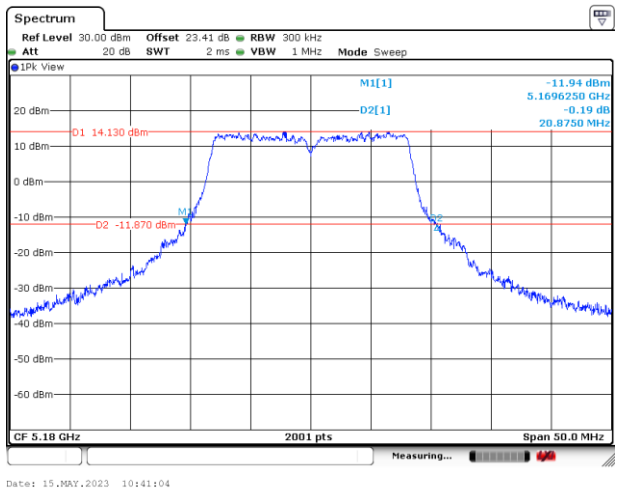
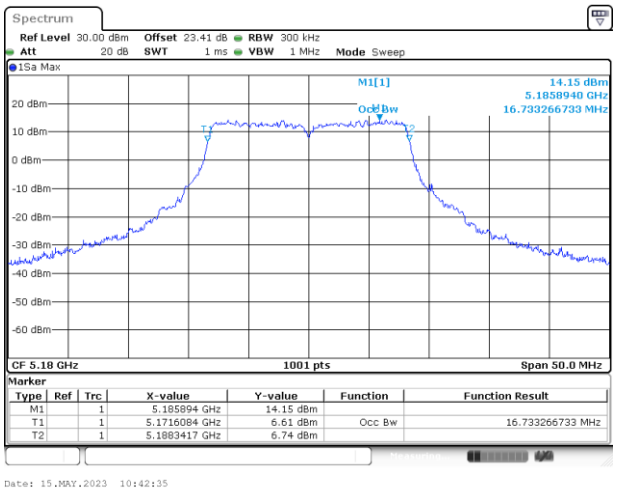
<Indoor AP>

<With Low Gain Antenna>

MIMO <Ant. 0+2>

<CDD Mode>

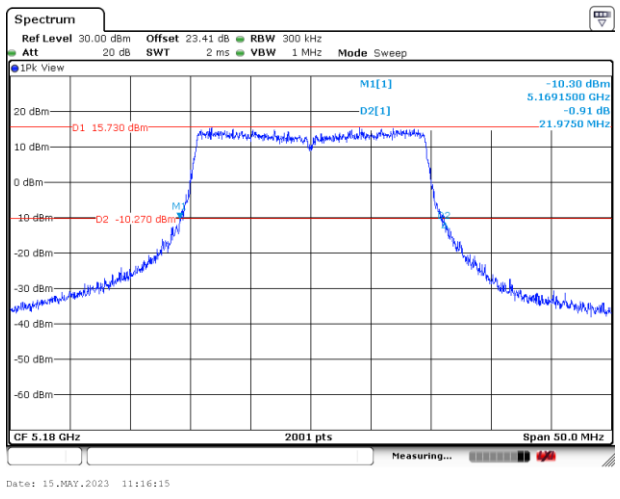
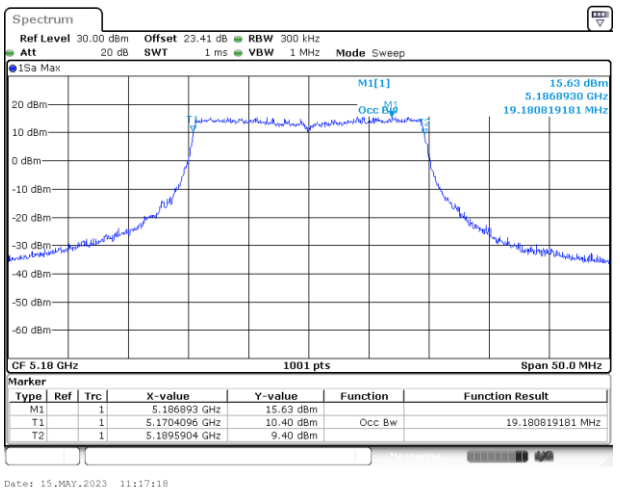
<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

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

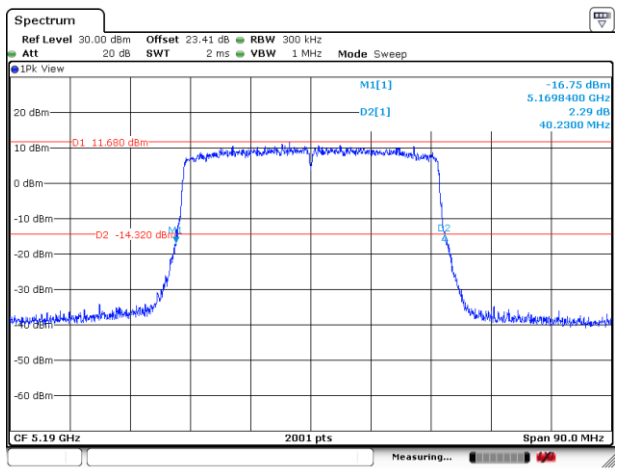
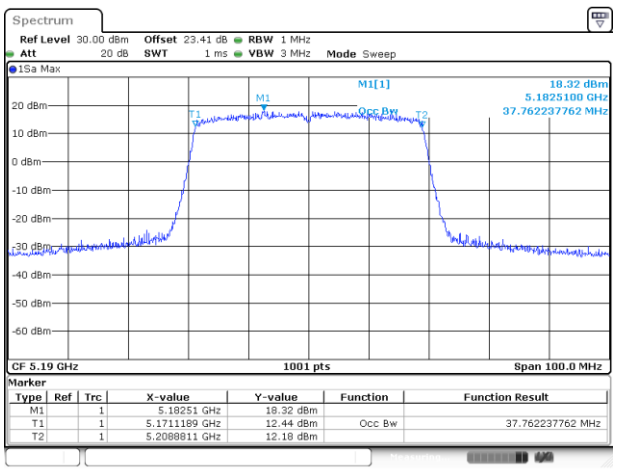
<STBC Mode>

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

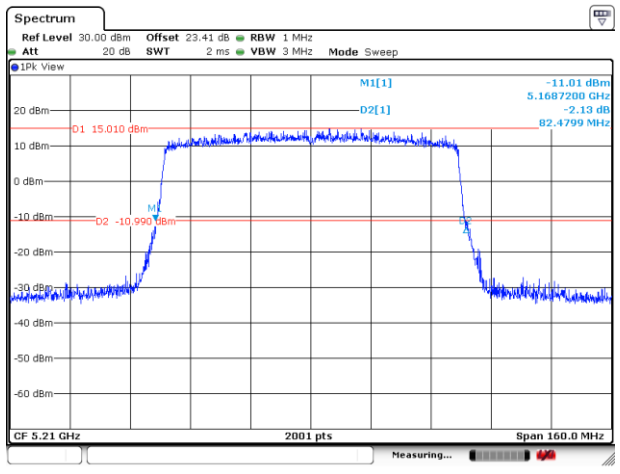
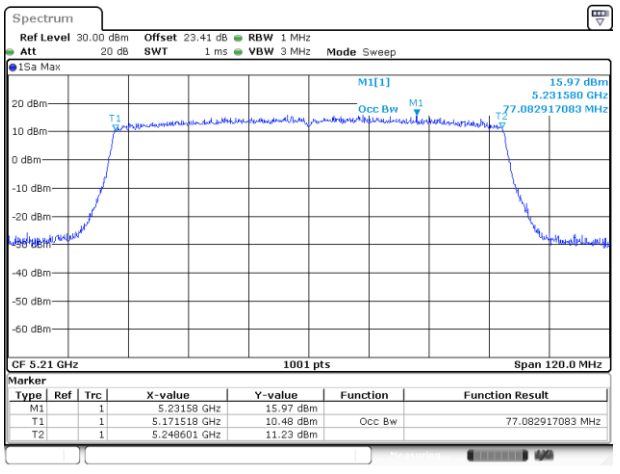
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<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
	

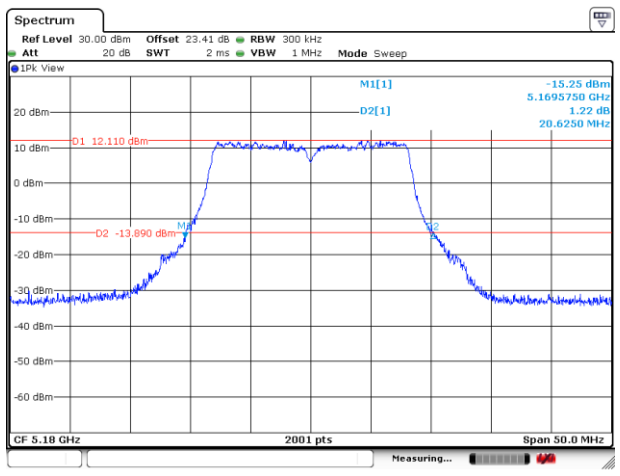
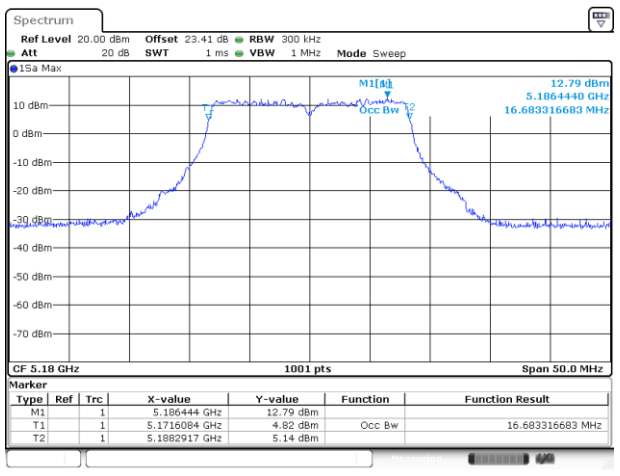
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<With High Gain Antenna>

MIMO <Ant. 0+2>

<CDD Mode>

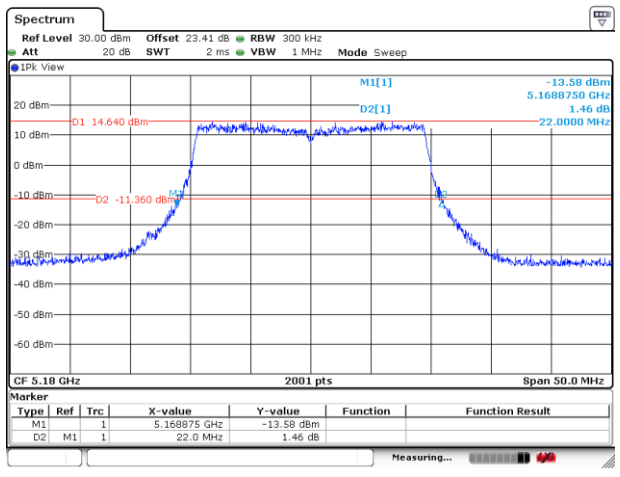
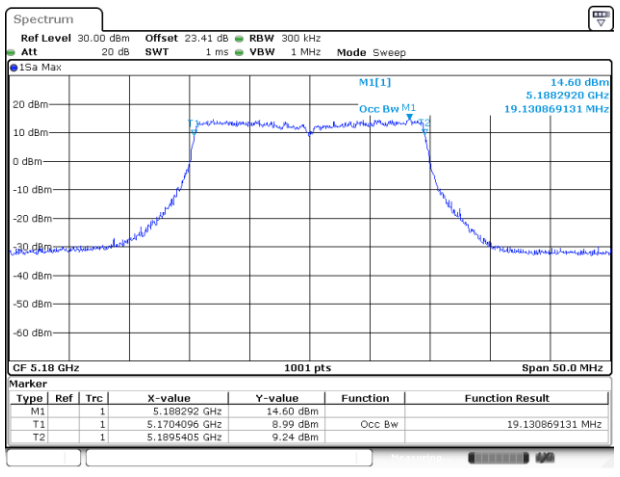
<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

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

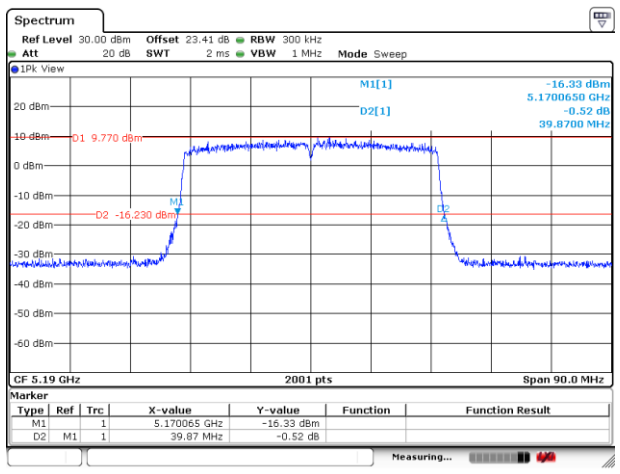
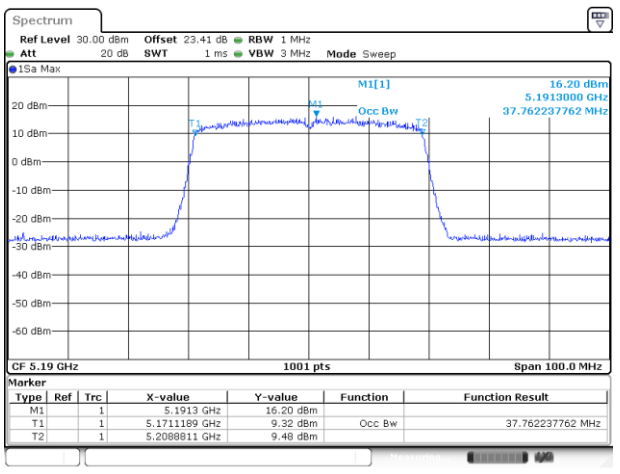
<STBC Mode>

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

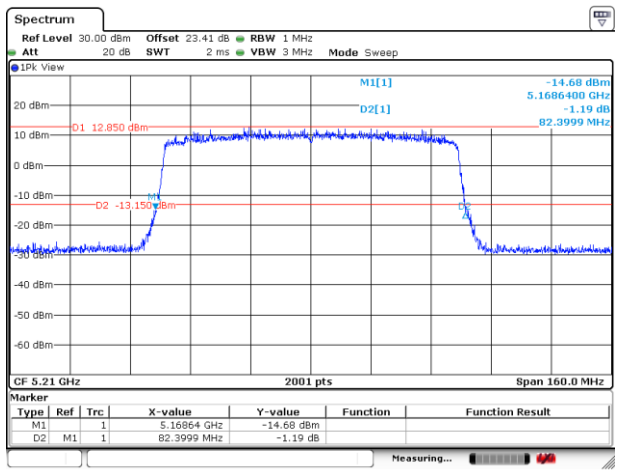
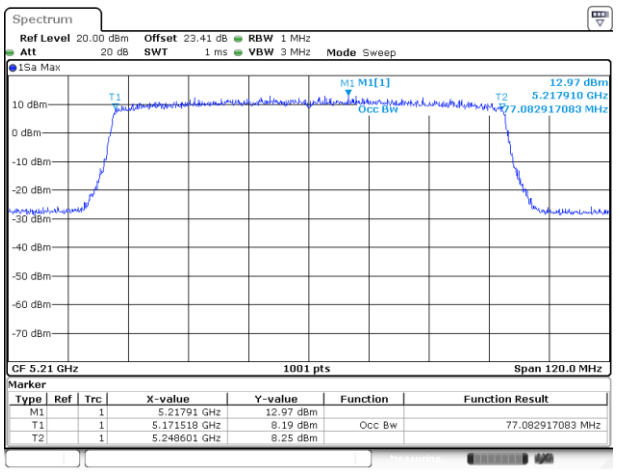
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<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.

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

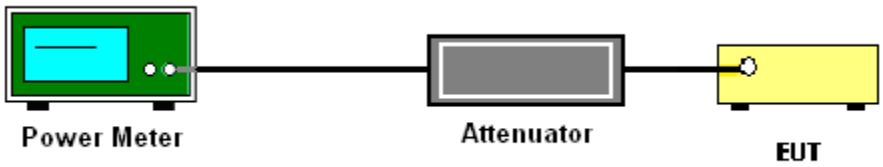
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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).

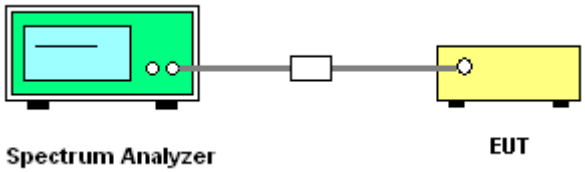
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), 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

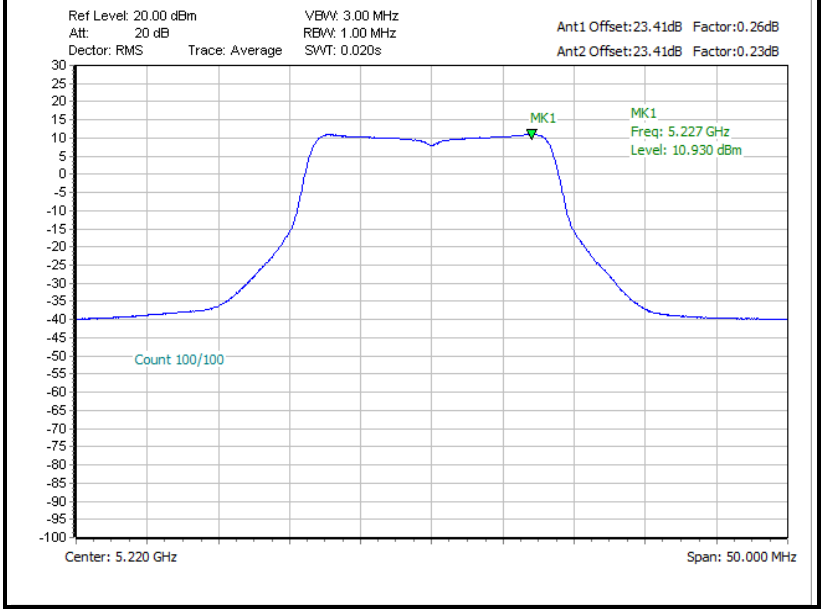
Please refer to Appendix A.

<Indoor Client>

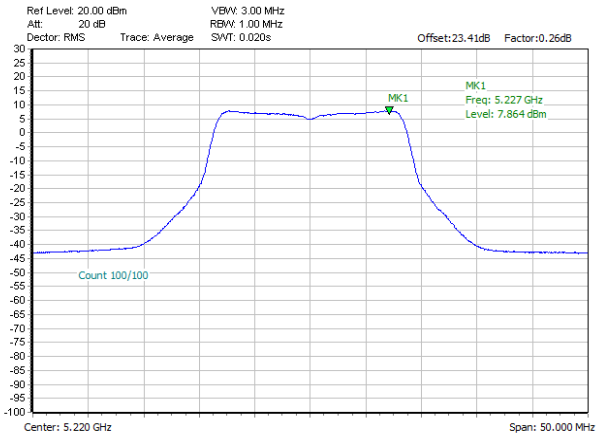
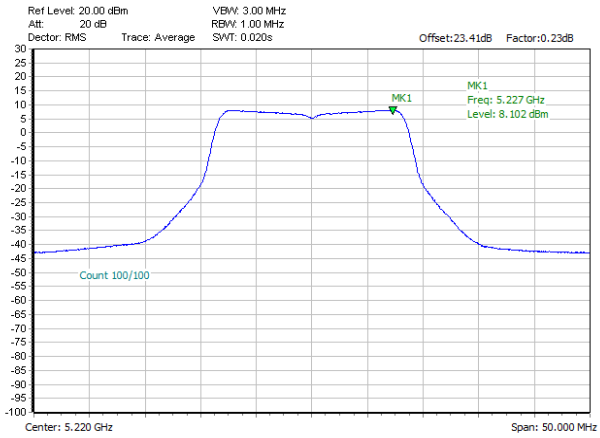
<With Low Gain Antenna>

<CDD Modes>

<802.11a>

Maximum Power Density Plot (dBm/MHz)


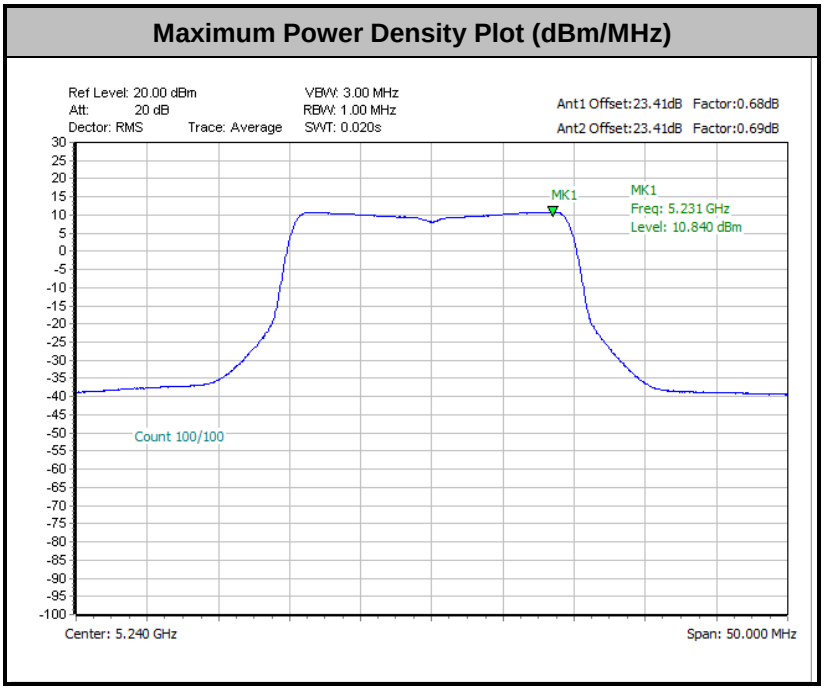
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 2)
	

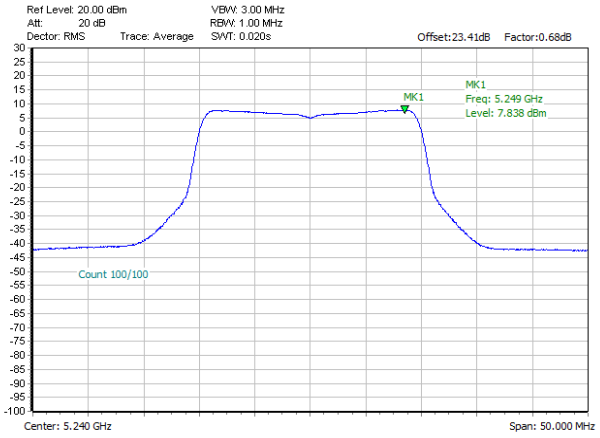
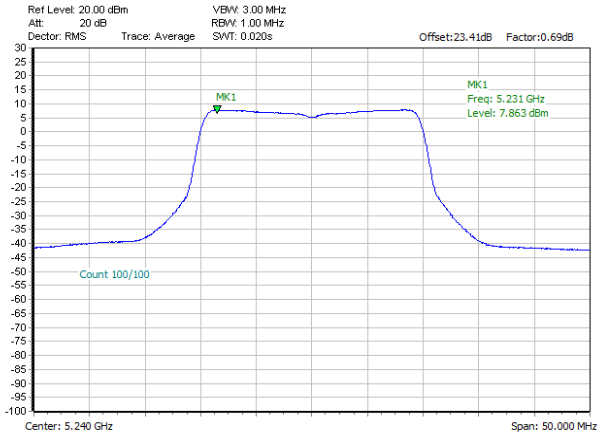
<STBC Modes>

<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)

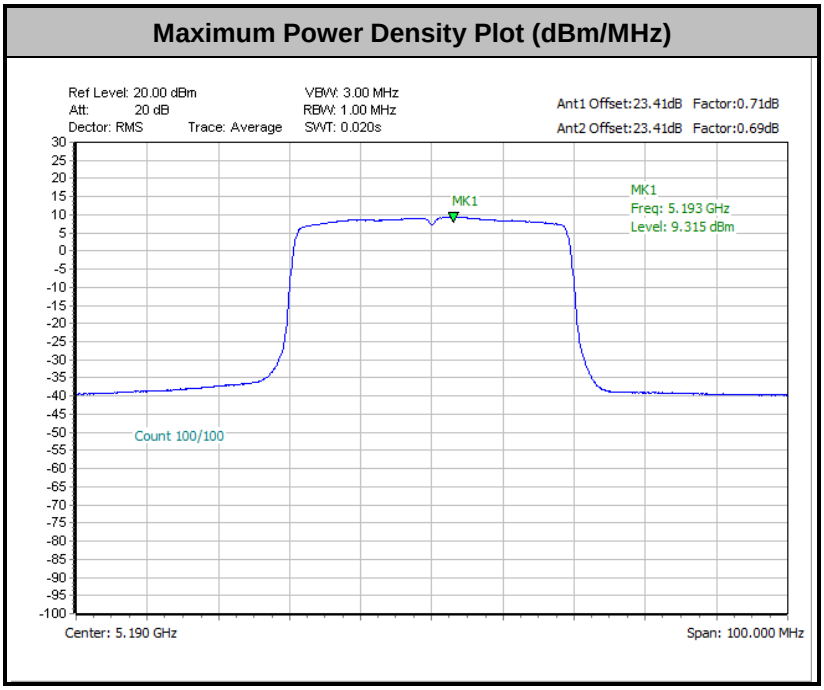


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 2)
	

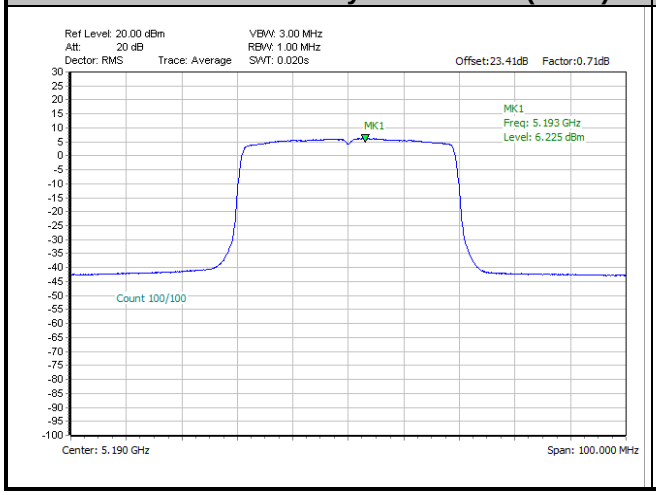
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)

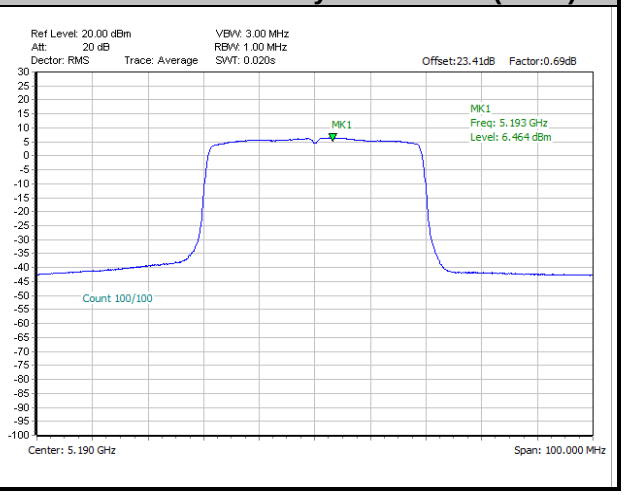


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)

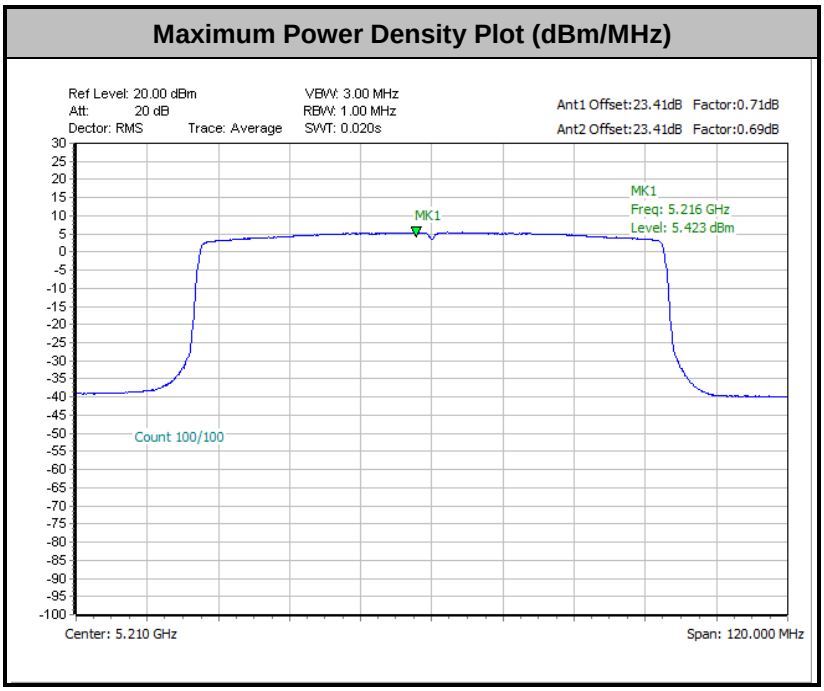


Maximum Power Density Plot Trace 2 (Ant 2)



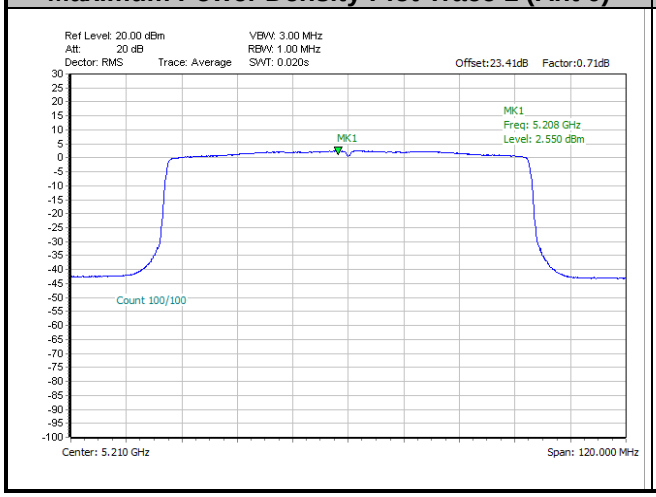
<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

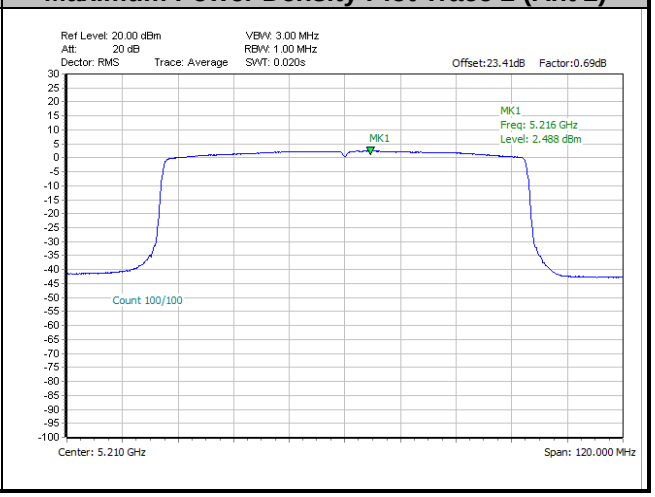


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)



Maximum Power Density Plot Trace 2 (Ant 2)

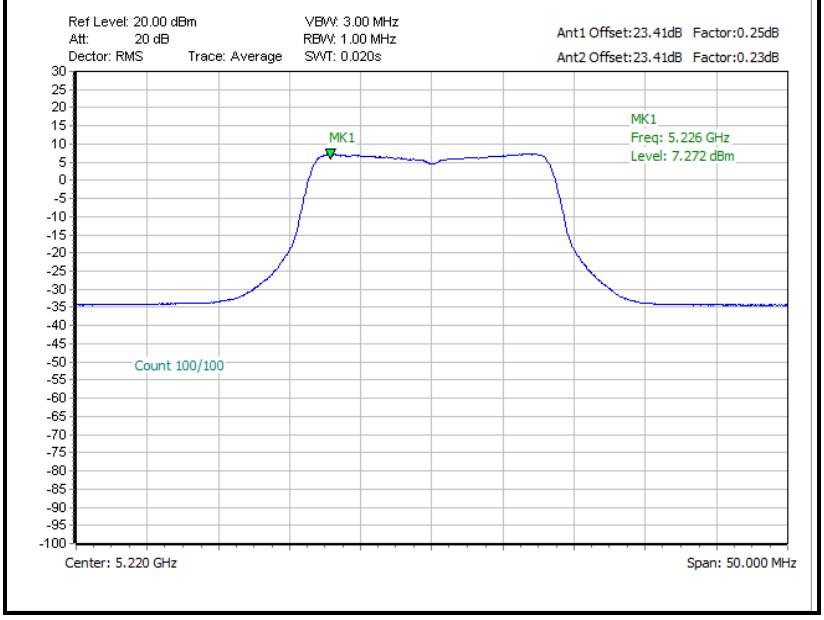


<With High Gain Antenna>

<CDD Modes>

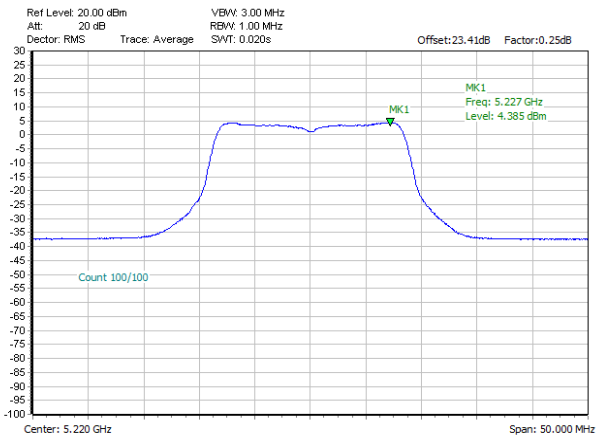
<802.11a>

Maximum Power Density Plot (dBm/MHz)

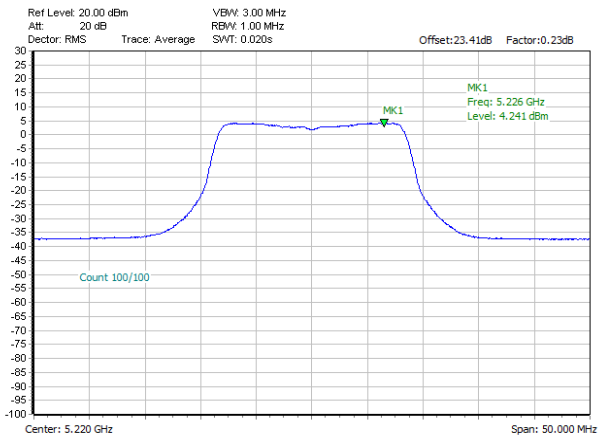


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)



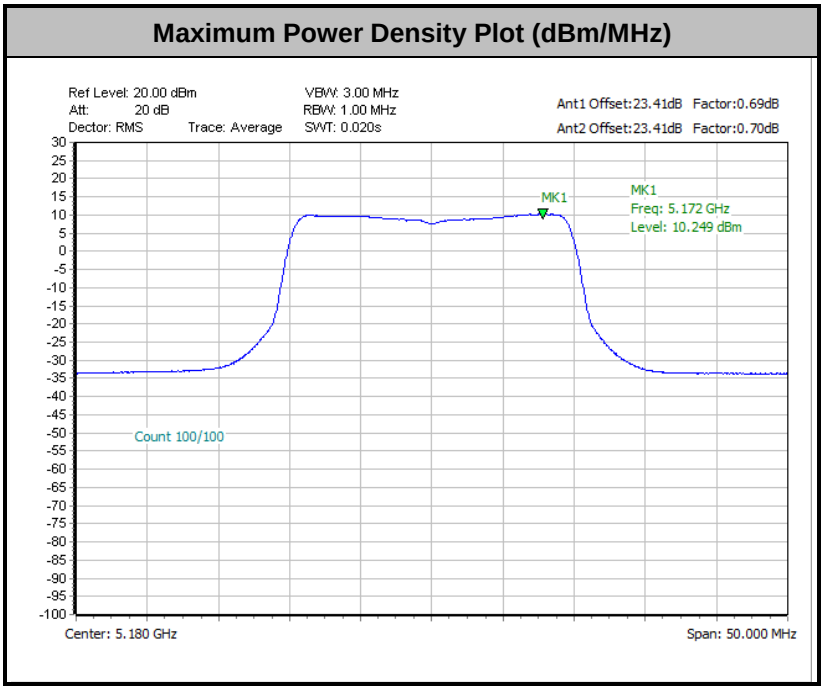
Maximum Power Density Plot Trace 2 (Ant 2)



<STBC Modes>

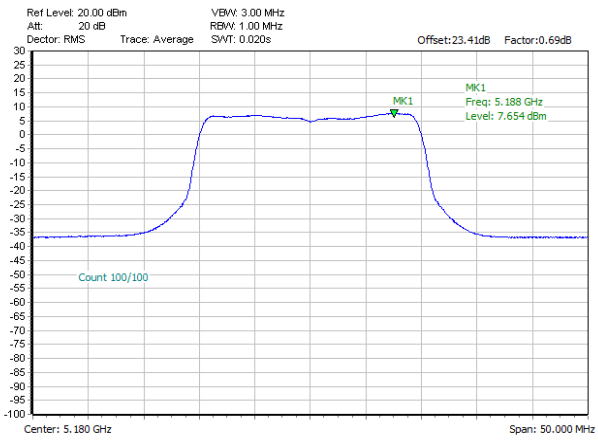
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)

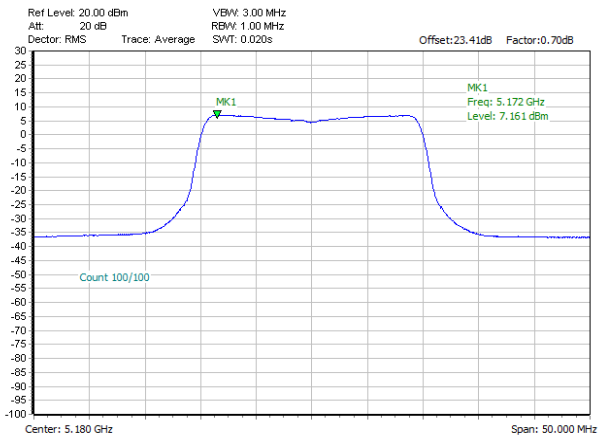


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)

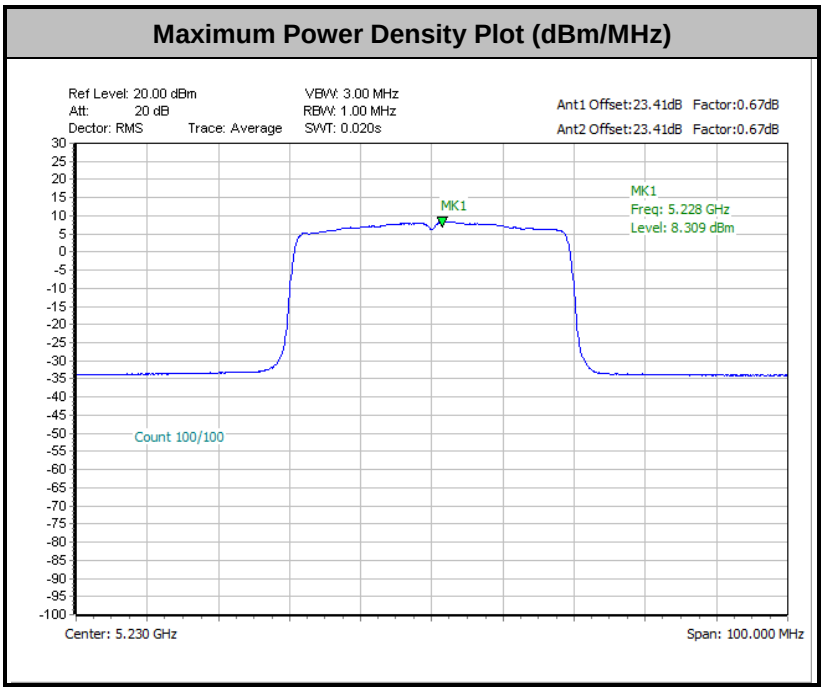


Maximum Power Density Plot Trace 2 (Ant 2)



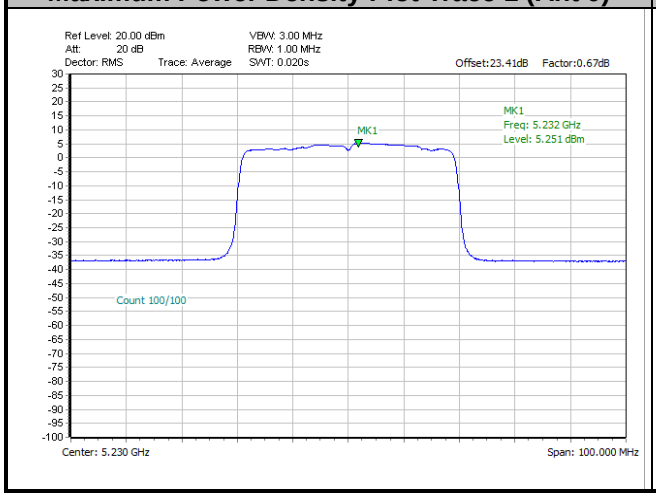
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)

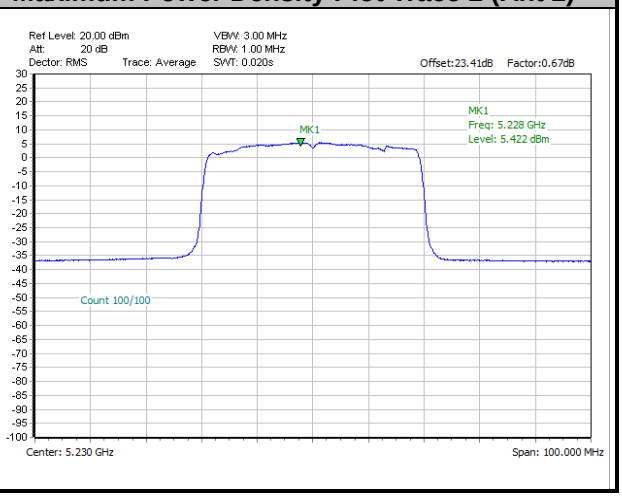


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)

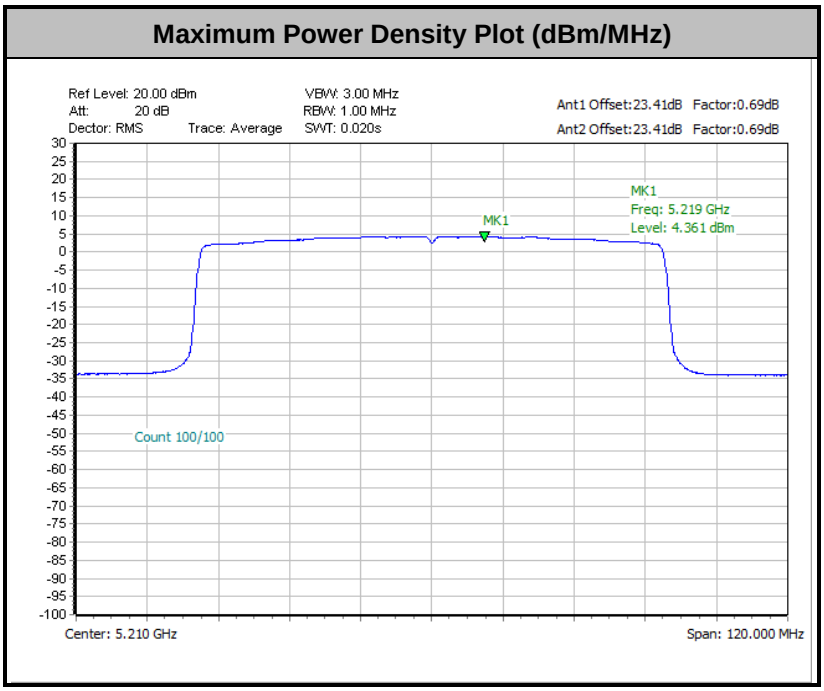


Maximum Power Density Plot Trace 2 (Ant 2)



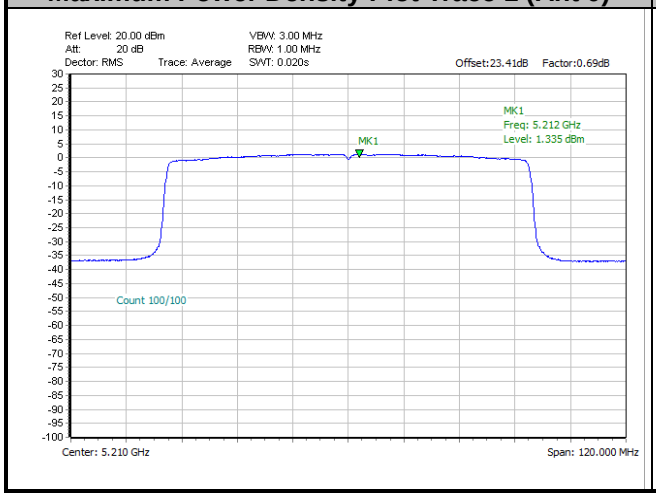
<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

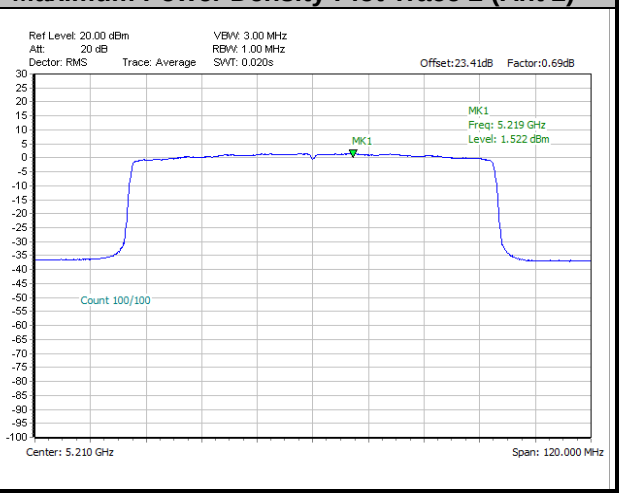


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)



Maximum Power Density Plot Trace 2 (Ant 2)

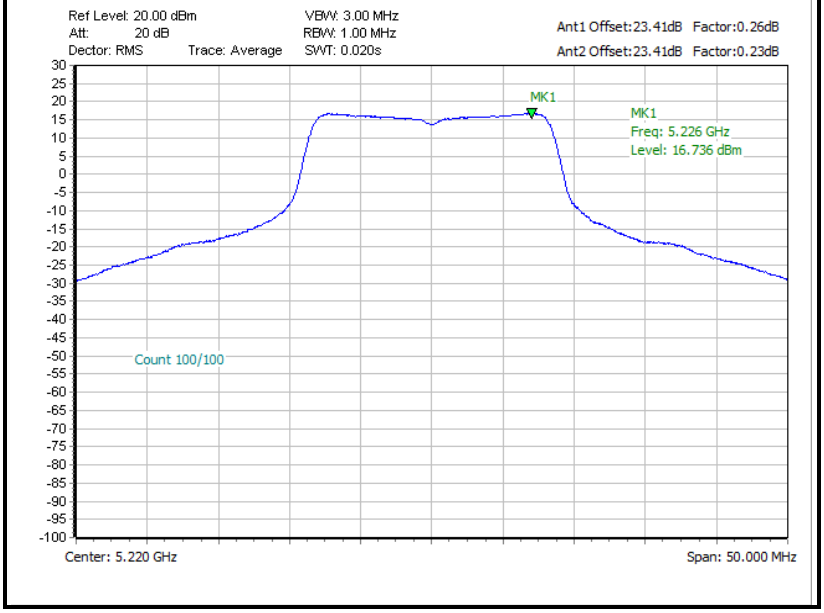


<Indoor AP>

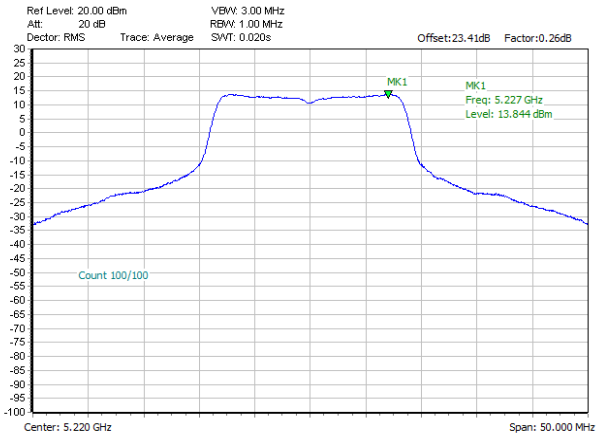
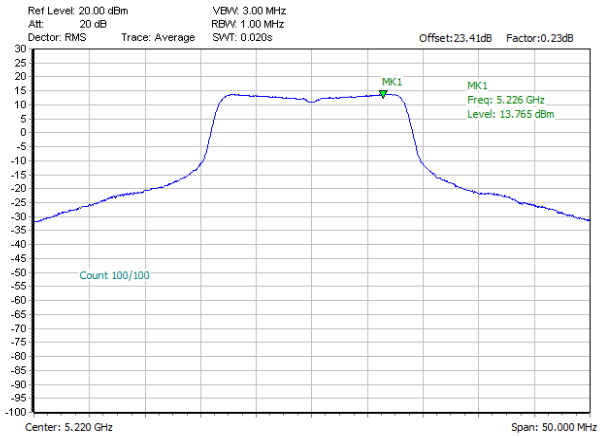
<With Low Gain Antenna>

<CDD Modes>

<802.11a>

Maximum Power Density Plot (dBm/MHz)


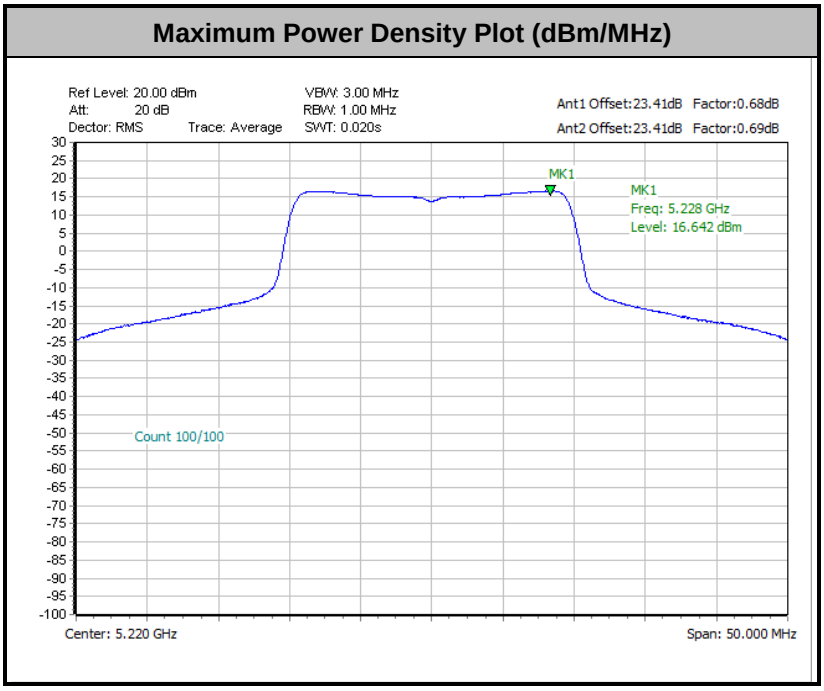
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 2)
	

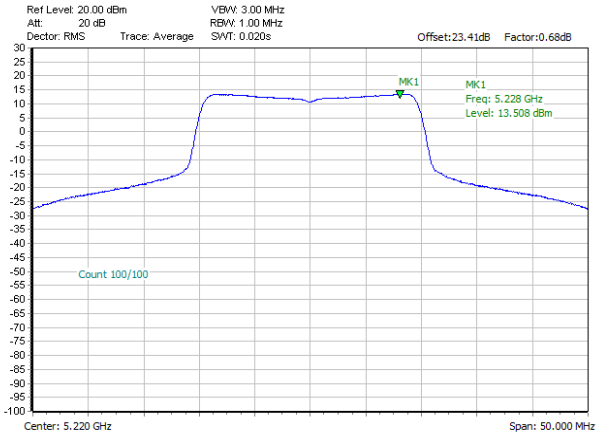
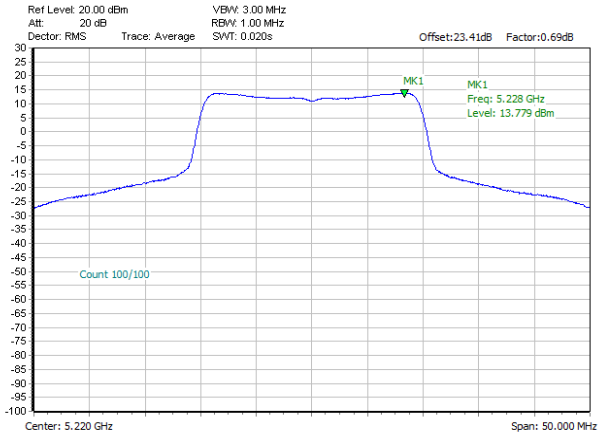
<STBC Modes>

<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)

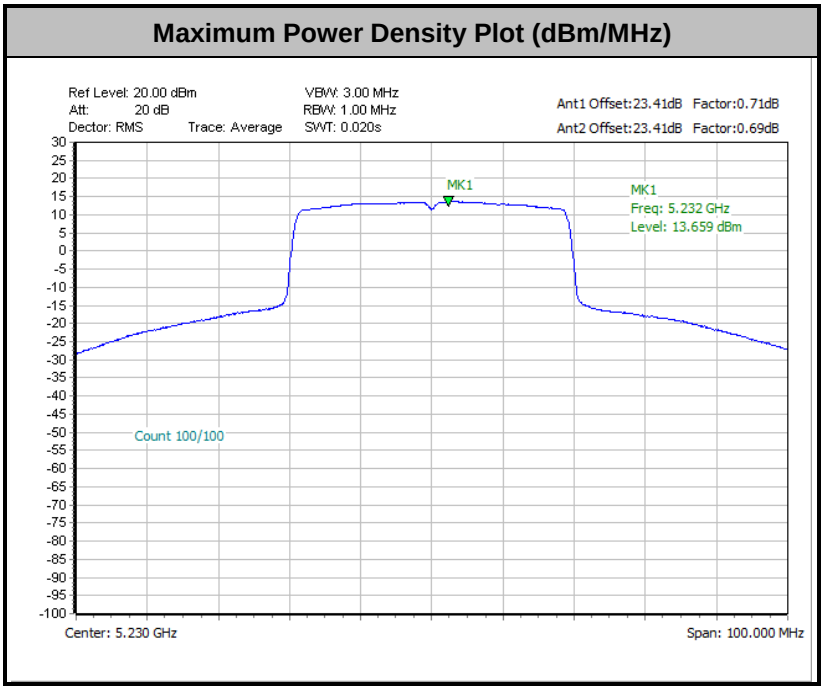


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

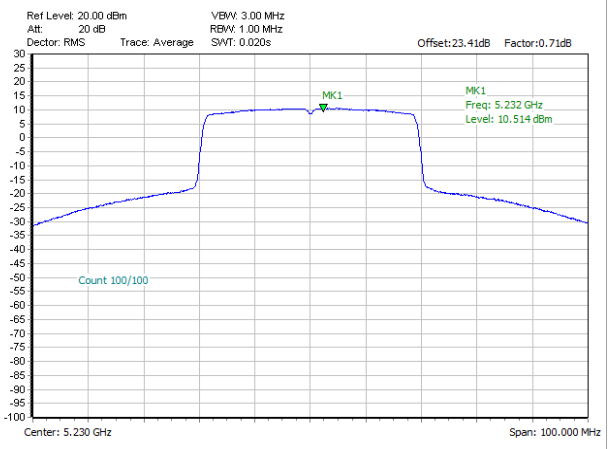
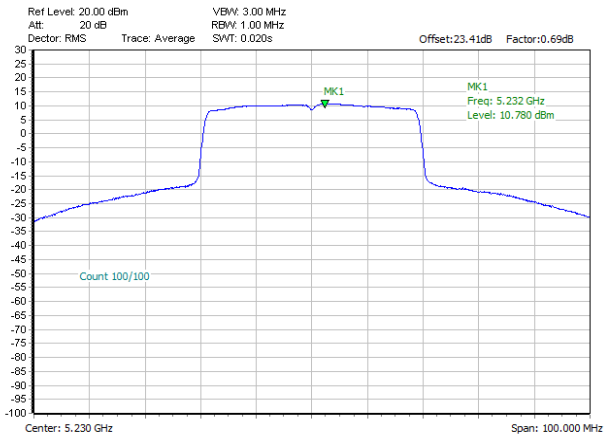
Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 2)
	

<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)

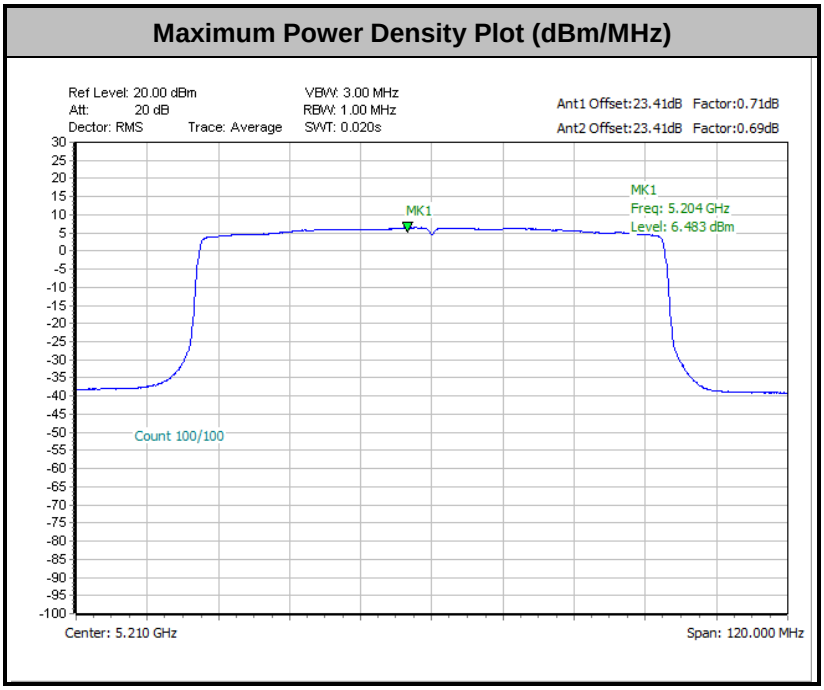


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 2)
	

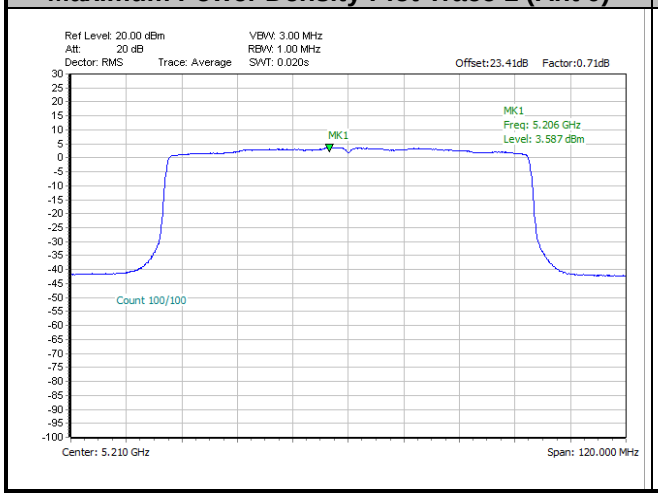
<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

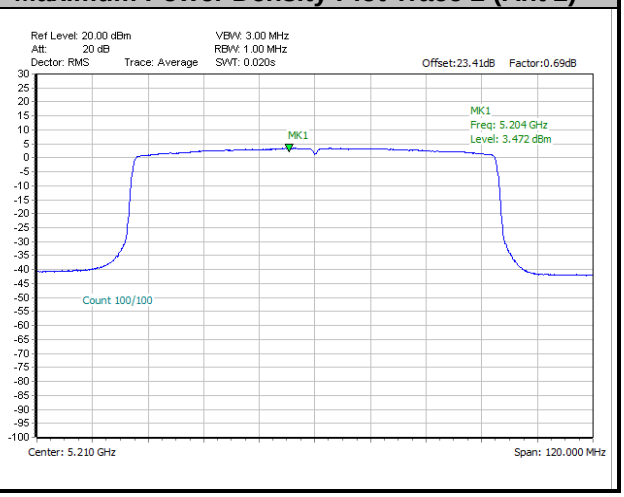


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)



Maximum Power Density Plot Trace 2 (Ant 2)

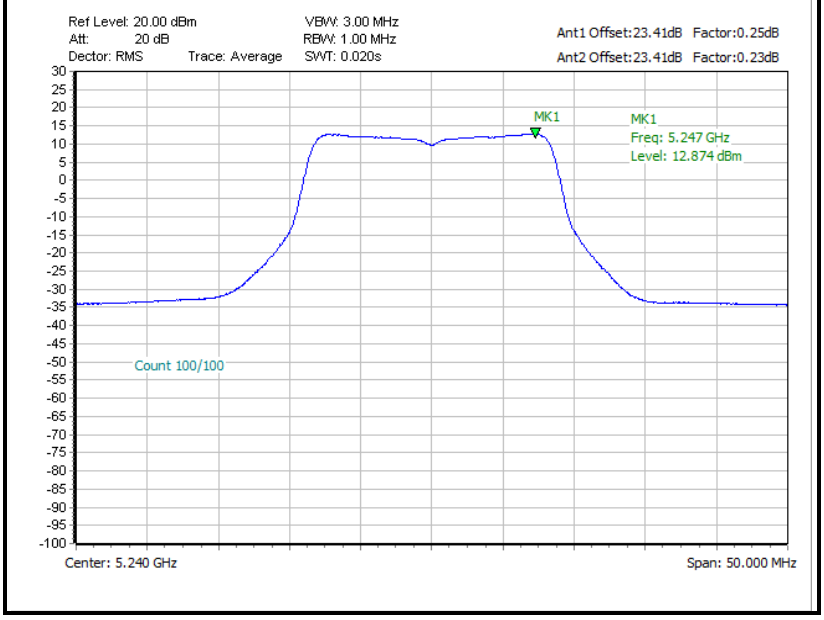


<With High Gain Antenna>

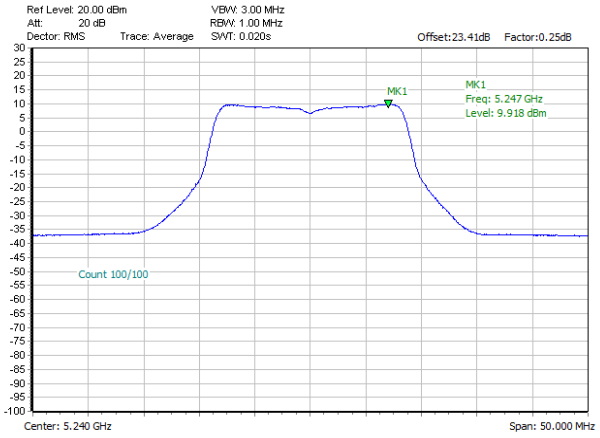
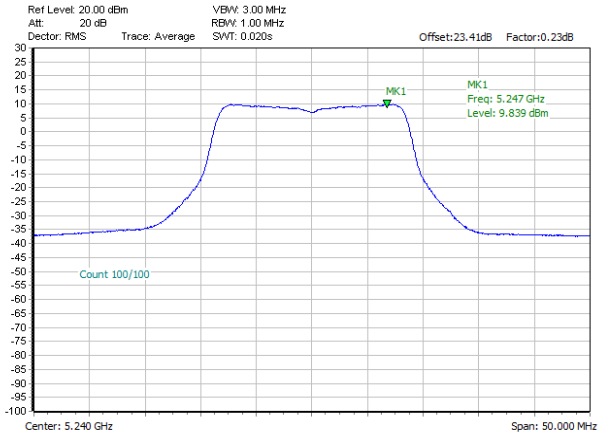
<CDD Modes>

<802.11a>

Maximum Power Density Plot (dBm/MHz)



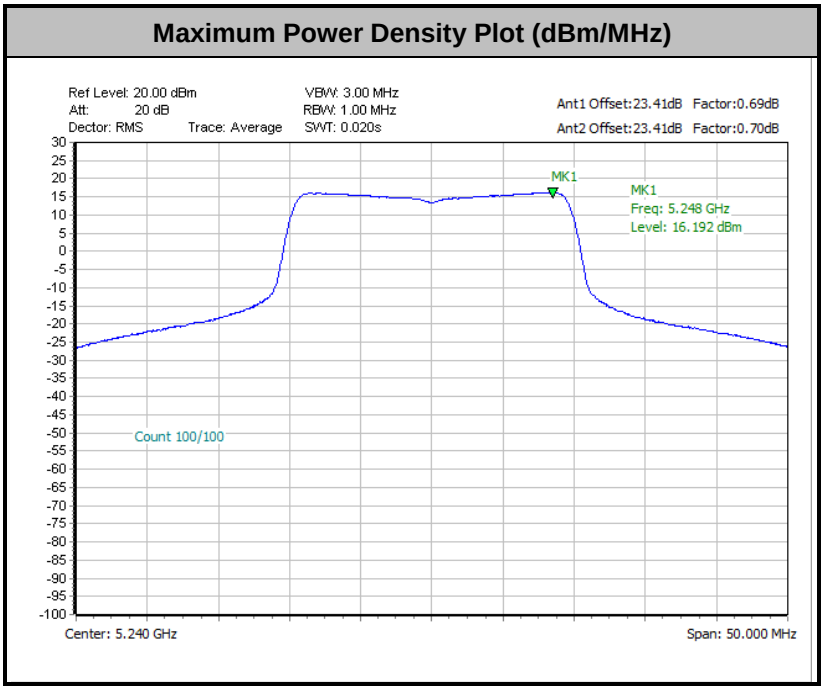
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 2)
	

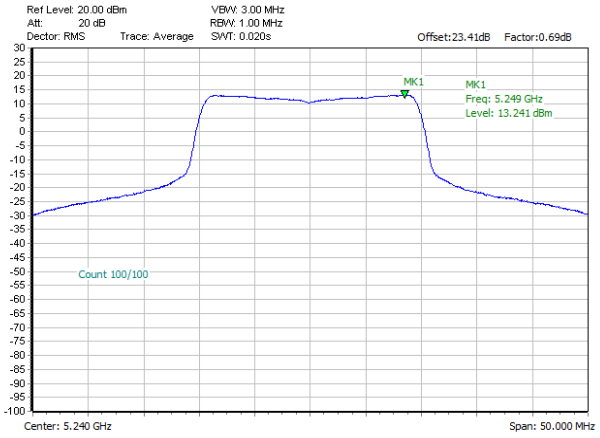
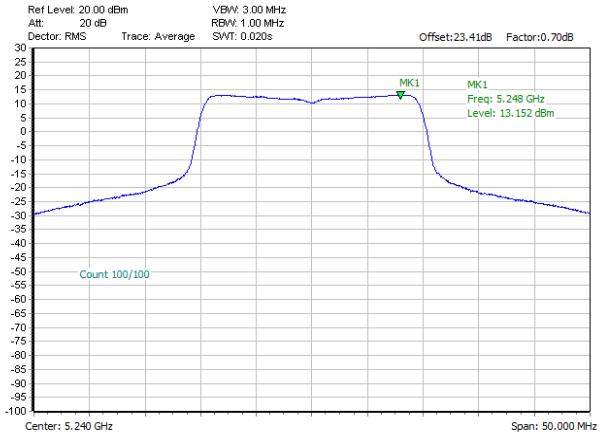
<STBC Modes>

<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)

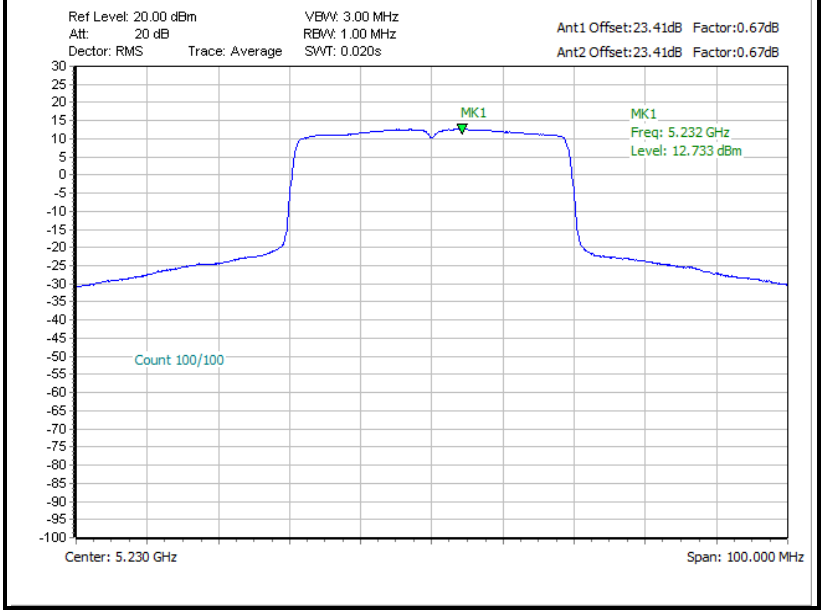


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 2)
	

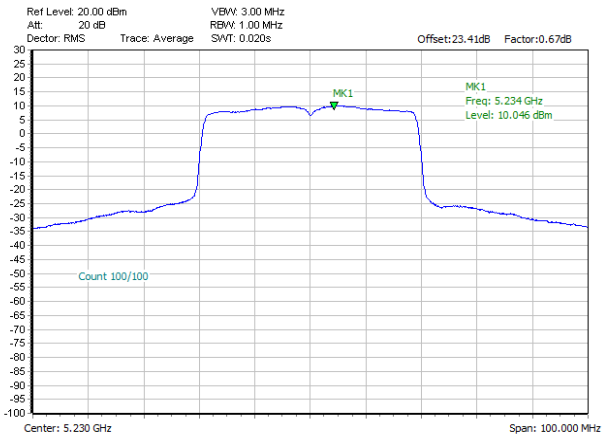
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)

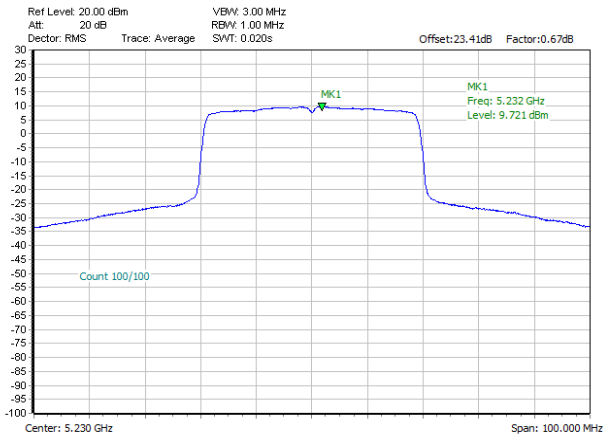


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)

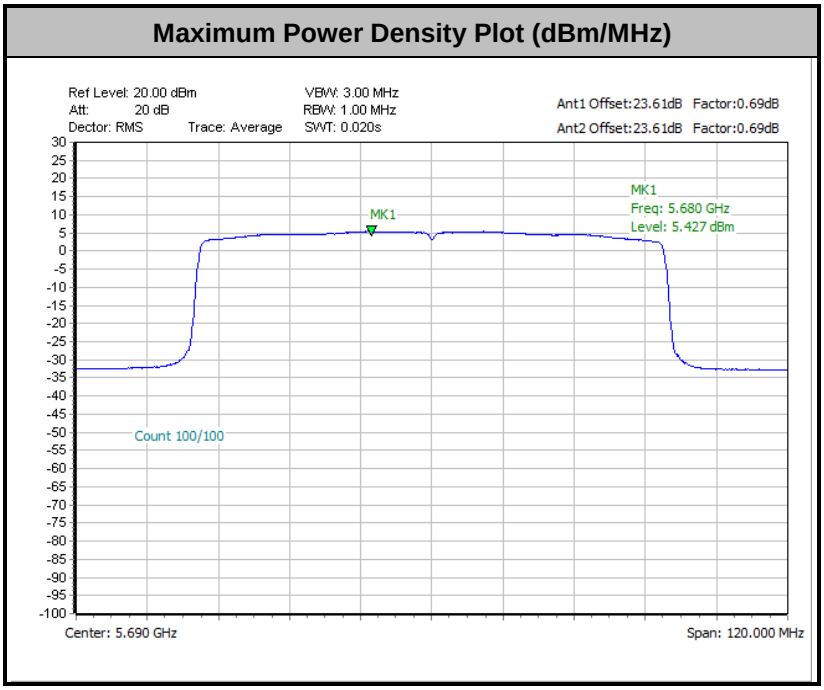


Maximum Power Density Plot Trace 2 (Ant 2)



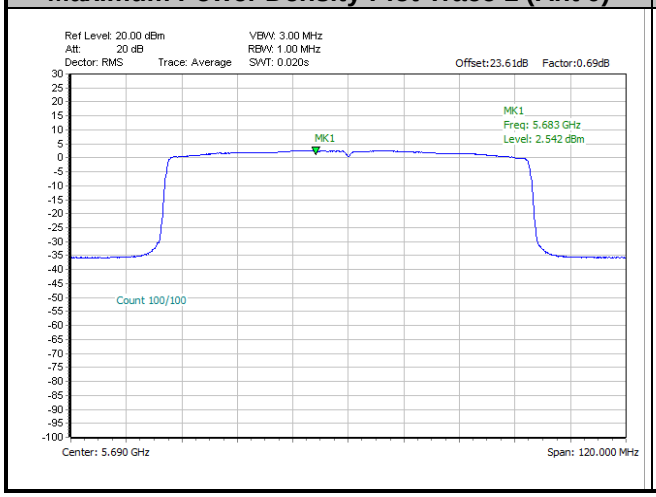
<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

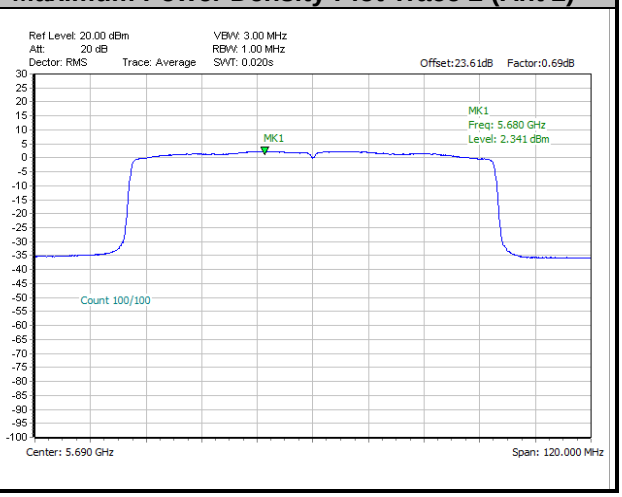


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)



Maximum Power Density Plot Trace 2 (Ant 2)



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

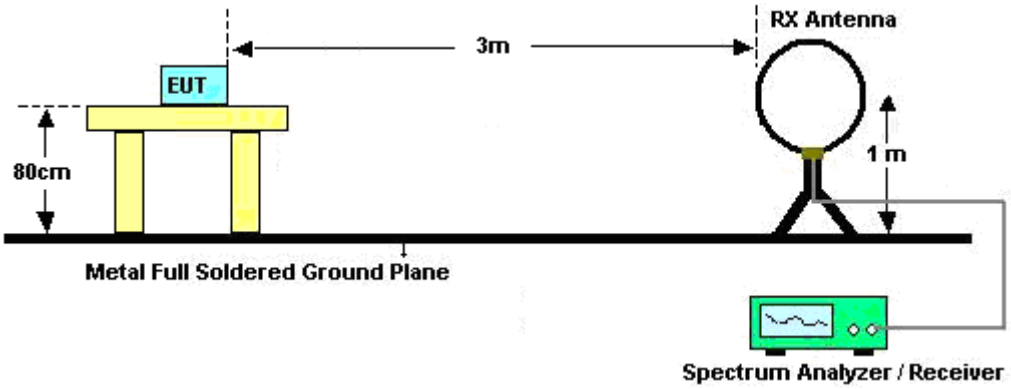
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

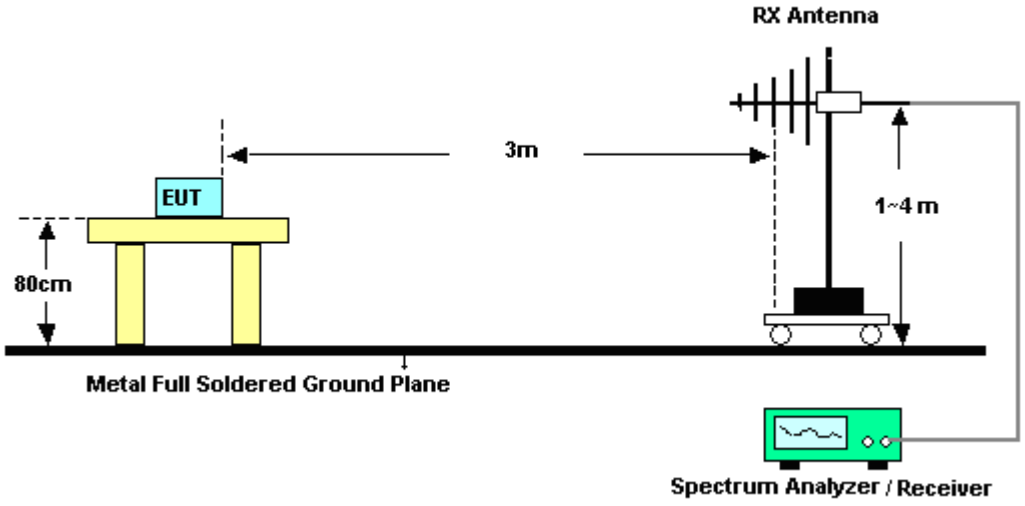
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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

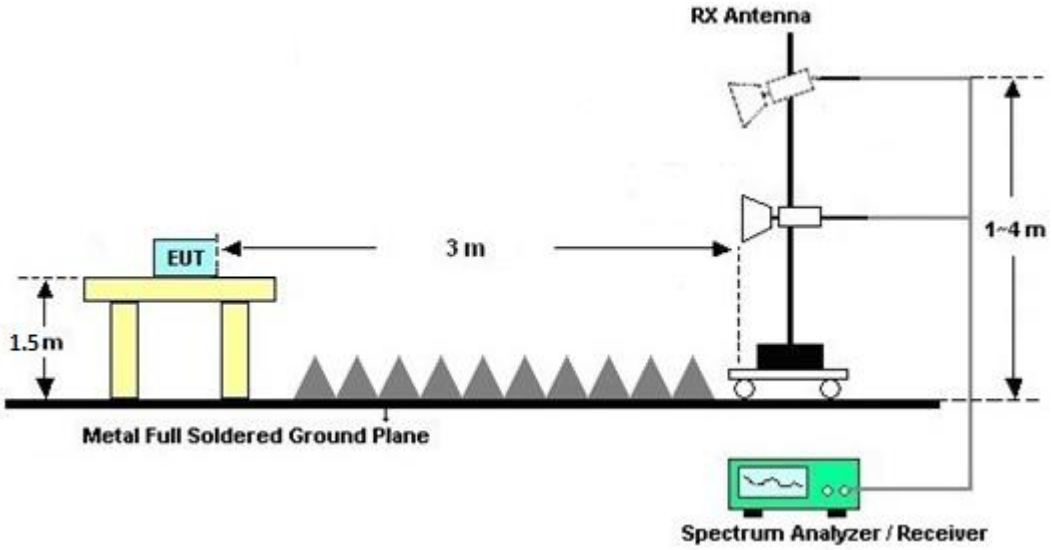
For radiated emissions below 30MHz



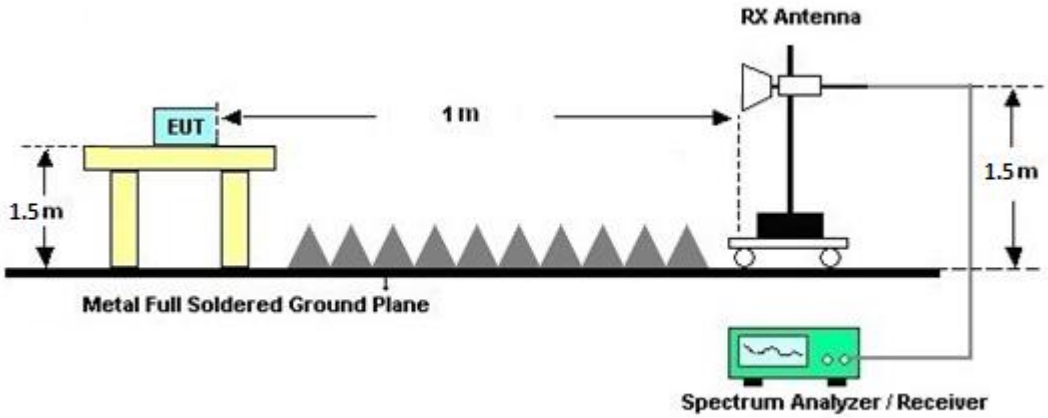
For radiated emissions from 30MHz to 1GHz



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 C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

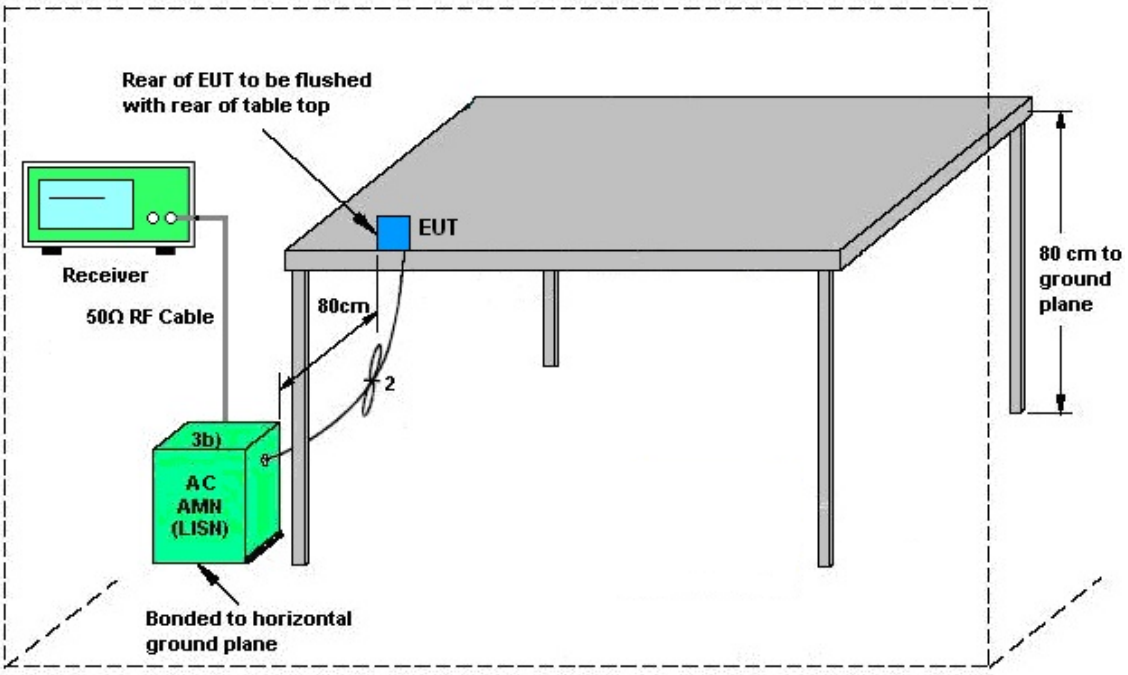
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100840	9kHz~30MHz	Jul. 05, 2022	Mar. 31, 2023~ May 24, 2023	Jul. 04, 2023	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	54683	30MHz~1GHz	Nov. 01, 2022	Mar. 31, 2023~ May 24, 2023	Oct. 31, 2023	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02113	1GHz~18GHz	Jun. 22, 2022	Mar. 31, 2023~ May 24, 2023	Jun. 21, 2023	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9170D	00842	18GHz~40GHz	Aug. 16, 2022	Mar. 31, 2023~ May 24, 2023	Aug. 15, 2023	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	May 10, 2022	Mar. 31, 2023~ May 02, 2023	May 09, 2023	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	May 03, 2023	May 03, 2023~ May 24, 2023	May 02, 2024	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	May 11, 2022	Mar. 31, 2023~ May 03, 2023	May 10, 2023	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	May 04, 2023	May 04, 2023~ May 24, 2023	May 03, 2024	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005004	1GHz~18GHz	May 10, 2022	May 03, 2023	May 09, 2023	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005004	1GHz~18GHz	May 04, 2023	May 04, 2023~ May 24, 2023	May 03, 2024	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900252	1GHz~18GHz	May 09, 2022	Mar. 31, 2023~ May 03, 2023	May 08, 2023	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900252	1GHz~18GHz	May 04, 2023	May 04, 2023~ May 18, 2023	May 03, 2024	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz-40GHz	May 10, 2022	Mar. 31, 2023~ May 03, 2023	May 09, 2023	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz-40GHz	May 04, 2023	May 04, 2023~ May 24, 2023	May 03, 2024	Radiation (03CH02-CA)
RF Cable	HUBER+SUHNER	SUCOFLEX 102	804209/2, 802406/2, 802875/2, 802952/2	N/A	Nov. 14, 2022	Mar. 31, 2023~ May 24, 2023	Nov. 13, 2023	Radiation (03CH02-CA)
High Pass Filter	WOKEN	WFIL-H6500-26500F	WR67BWC4B1	6.5G-26.5G	Apr. 10, 2023	Mar. 31, 2023~ May 24, 2023	Apr. 09, 2024	Radiation (03CH02-CA)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN8	6.75GHz High Pass Filter	Jul. 21, 2022	Mar. 31, 2023~ May 24, 2023	Jul. 20, 2023	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN2	1.2GHz Low Pass Filter	Jul. 21, 2022	Mar. 31, 2023~ May 24, 2023	Jul. 20, 2023	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Sep. 12, 2022	Mar. 31, 2023~ May 24, 2023	Sep. 11, 2023	Radiation (03CH02-CA)
Controller	ChainTek	EM-1000	060876	NA	N/A	Mar. 31, 2023~ May 24, 2023	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar. 31, 2023~ May 24, 2023	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar. 31, 2023~ May 24, 2023	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Mar. 31, 2023~ May 24, 2023	N/A	Radiation (03CH02-CA)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	45141354	N/A	Jul. 27, 2022	May 10, 2023~ Jun. 01, 2023	Jul. 26, 2023	Conducted (TH01-CA)
Power Sensor	DARE!!	RPR3006W	RPR6W-1901027	10MHz-6GHz	May 01, 2023	May 10, 2023~ Jun. 01, 2023	Apr. 30, 2024	Conducted (TH01-CA)
Switch Box	EM Electronics	EMSW18	SW1070902	N/A	May 09, 2023	May 10, 2023~ Jun. 01, 2023	May 08, 2024	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101545	10Hz-40GHz	May 31, 2022	May 10, 2023~ May 15, 2023	May 30, 2023	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV13	101559	10Hz-13.6GHz	Jul. 05, 2022	May 24, 2023~ Jun. 01, 2023	Jul. 04, 2023	Conducted (TH01-CA)
LISN	TESEQ	NNB51	47407	N/A	May 16, 2023	May 25, 2023	May 15, 2024	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9kHz~7GHz	May 31, 2022	May 25, 2023	May 30, 2023	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F-N00412	N/A	Jul. 05, 2022	May 25, 2023	Jul. 04, 2023	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	May 25, 2023	N/A	Conduction (CO01-CA)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.7 dB**

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9 dB**

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Liliana Gonzalez	Temperature:	19.5~23.6	°C
Test Date:	2023/05/10~2023/06/01	Relative Humidity:	45.6~54.2	%

<Indoor Client>
<With Low Gain Antenna>

Report Number : FR230303001B

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	36	5180	18.68	19.23	21.97	24.00		1.34			Pass
11a	6Mbps	2	44	5220	18.70	19.22	21.98	24.00		1.34			Pass
11a	6Mbps	2	48	5240	18.53	18.91	21.73	24.00		1.34			Pass
HT20	MCS0	2	36	5180	19.42	19.47	22.46	24.00		1.34			Pass
HT20	MCS0	2	44	5220	18.84	19.10	21.98	24.00		1.34			Pass
HT20	MCS0	2	48	5240	19.26	19.31	22.30	24.00		1.34			Pass
HT40	MCS0	2	38	5190	20.76	20.88	23.83	24.00		1.34			Pass
HT40	MCS0	2	46	5230	20.80	20.99	23.91	24.00		1.34		-	Pass
VHT20	MCS0	2	36	5180	19.44	19.46	22.46	24.00		1.34			Pass
VHT20	MCS0	2	44	5220	18.81	19.05	21.94	24.00		1.34			Pass
VHT20	MCS0	2	48	5240	19.18	19.27	22.24	24.00		1.34			Pass
VHT40	MCS0	2	38	5190	20.85	20.86	23.87	24.00		1.34			Pass
VHT40	MCS0	2	46	5230	20.73	21.00	23.88	24.00		1.34			Pass
VHT80	MCS0	2	42	5210	20.13	20.18	23.17	24.00		1.34			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	36	5180	0.26	0.23	-		10.86	11.00		4.35		Pass
11a	6Mbps	2	44	5220	0.26	0.23			10.93	11.00		4.35		Pass
11a	6Mbps	2	48	5240	0.26	0.23			10.64	11.00		4.35		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	36	5180	Full	19.60	19.87	22.75	24.00		1.34		-	Pass
HE20	MCS0	2	44	5220	Full	19.13	19.52	22.34	24.00		1.34			Pass
HE20	MCS0	2	48	5240	Full	19.59	19.68	22.65	24.00		1.34			Pass
HE40	MCS0	2	38	5190	Full	20.77	21.02	23.91	24.00		1.34			Pass
HE40	MCS0	2	46	5230	Full	20.85	21.03	23.95	24.00		1.34			Pass
HE80	MCS0	2	42	5210	Full	20.45	20.54	23.51	24.00		1.34			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	36	5180	Full	0.68	0.69	-		10.81	11.00		1.34		Pass
HE20	MCS0	2	44	5220	Full	0.68	0.69			10.58	11.00		1.34		Pass
HE20	MCS0	2	48	5240	Full	0.68	0.69			10.84	11.00		1.34		Pass
HE40	MCS0	2	38	5190	Full	0.71	0.69			9.32	11.00		1.34		Pass
HE40	MCS0	2	46	5230	Full	0.71	0.69			9.16	11.00		1.34		Pass
HE80	MCS0	2	42	5210	Full	0.71	0.69			5.42	11.00		1.34		Pass

<With High Gain Antenna>

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	36	5180	15.16	15.38	18.28	23.27		6.73		-	Pass
11a	6Mbps	2	44	5220	15.71	15.85	18.79	23.27		6.73			Pass
11a	6Mbps	2	48	5240	15.41	15.47	18.45	23.27		6.73			Pass
HT20	MCS0	2	36	5180	18.87	18.54	21.72	23.27		6.73			Pass
HT20	MCS0	2	44	5220	18.78	18.58	21.69	23.27		6.73			Pass
HT20	MCS0	2	48	5240	18.54	18.73	21.65	23.27		6.73			Pass
HT40	MCS0	2	38	5190	19.04	19.18	22.12	23.27		6.73			Pass
HT40	MCS0	2	46	5230	19.50	19.71	22.62	23.27		6.73			Pass
VHT20	MCS0	2	36	5180	18.88	18.43	21.67	23.27		6.73			Pass
VHT20	MCS0	2	44	5220	18.75	18.55	21.66	23.27		6.73			Pass
VHT20	MCS0	2	48	5240	18.62	18.74	21.69	23.27		6.73			Pass
VHT40	MCS0	2	38	5190	18.97	19.24	22.12	23.27		6.73			Pass
VHT40	MCS0	2	46	5230	19.49	19.73	22.62	23.27		6.73			Pass
VHT80	MCS0	2	42	5210	18.95	19.16	22.07	23.27		6.73			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	36	5180	0.25	0.23	-		6.82	7.30		9.70		Pass
11a	6Mbps	2	44	5220	0.25	0.23			7.27	7.30		9.70		Pass
11a	6Mbps	2	48	5240	0.25	0.23			6.92	7.30		9.70		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	36	5180	Full	19.43	19.02	22.24	23.27		6.73		-	Pass
HE20	MCS0	2	44	5220	Full	19.36	19.12	22.25	23.27		6.73			Pass
HE20	MCS0	2	48	5240	Full	19.09	19.38	22.25	23.27		6.73			Pass
HE40	MCS0	2	38	5190	Full	19.17	19.40	22.30	23.27		6.73			Pass
HE40	MCS0	2	46	5230	Full	19.66	20.01	22.85	23.27		6.73			Pass
HE80	MCS0	2	42	5210	Full	19.39	19.52	22.47	23.27		6.73			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	36	5180	Full	0.69	0.70	-		10.25	10.27		6.73		Pass
HE20	MCS0	2	44	5220	Full	0.69	0.70			10.24	10.27		6.73		Pass
HE20	MCS0	2	48	5240	Full	0.69	0.70			10.12	10.27		6.73		Pass
HE40	MCS0	2	38	5190	Full	0.67	0.67			7.40	10.27		6.73		Pass
HE40	MCS0	2	46	5230	Full	0.67	0.67			8.31	10.27		6.73		Pass
HE80	MCS0	2	42	5210	Full	0.69	0.69			4.36	10.27		6.73		Pass

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<Wih Low Gain Antenna>

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO											
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	36	5180	16.73	16.58	20.88	20.68	22.20		
11a	6Mbps	2	44	5220	16.83	16.68	22.30	22.95	22.22		
11a	6Mbps	2	48	5240	16.78	16.68	21.80	21.55	22.22		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	36	5180	23.08	23.18	26.14	30.00		1.34		-	Pass
11a	6Mbps	2	44	5220	25.20	25.33	28.28	30.00		1.34			Pass
11a	6Mbps	2	48	5240	25.23	25.36	28.31	30.00		1.34			Pass
HT20	MCS0	2	36	5180	22.47	22.43	25.46	30.00		1.34			Pass
HT20	MCS0	2	44	5220	25.05	25.07	28.07	30.00		1.34			Pass
HT20	MCS0	2	48	5240	25.10	25.01	28.07	30.00		1.34			Pass
HT40	MCS0	2	38	5190	21.18	21.10	24.15	30.00		1.34			Pass
HT40	MCS0	2	46	5230	25.38	25.37	28.39	30.00		1.34			Pass
VHT20	MCS0	2	36	5180	22.44	22.40	25.43	30.00		1.34			Pass
VHT20	MCS0	2	44	5220	25.01	25.00	28.02	30.00		1.34			Pass
VHT20	MCS0	2	48	5240	25.08	24.96	28.03	30.00		1.34			Pass
VHT40	MCS0	2	38	5190	21.14	20.99	24.08	30.00		1.34			Pass
VHT40	MCS0	2	46	5230	25.41	25.37	28.40	30.00		1.34			Pass
VHT80	MCS0	2	42	5210	20.91	21.08	24.01	30.00		1.34			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	36	5180	0.26	0.23	-		14.66	17.00		4.35		Pass
11a	6Mbps	2	44	5220	0.26	0.23			16.74	17.00		4.35		Pass
11a	6Mbps	2	48	5240	0.26	0.23			16.72	17.00		4.35		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO												
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth EIRP Limit (dBm)		Note
						Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	36	5180	Full	19.18	19.18	21.98	22.50	22.83		-
HE20	MCS0	2	44	5220	Full	19.23	19.28	23.15	23.33	22.84		
HE20	MCS0	2	48	5240	Full	19.23	19.28	22.78	23.70	22.84		
HE40	MCS0	2	38	5190	Full	37.76	37.76	40.23	39.87	23.01		
HE40	MCS0	2	46	5230	Full	37.96	37.96	40.41	42.26	23.01		
HE80	MCS0	2	42	5210	Full	77.08	77.08	82.48	82.24	23.01		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	36	5180	Full	22.92	23.09	26.02	30.00		1.34		-	Pass
HE20	MCS0	2	44	5220	Full	25.45	25.57	28.52	30.00		1.34			Pass
HE20	MCS0	2	48	5240	Full	25.56	25.59	28.59	30.00		1.34			Pass
HE40	MCS0	2	38	5190	Full	21.32	21.42	24.38	30.00		1.34			Pass
HE40	MCS0	2	46	5230	Full	25.55	25.54	28.56	30.00		1.34			Pass
HE80	MCS0	2	42	5210	Full	21.42	21.42	24.43	30.00		1.34			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	36	5180	Full	0.68	0.69	-		13.94	17.00		1.34		Pass
HE20	MCS0	2	44	5220	Full	0.68	0.69			16.64	17.00		1.34		Pass
HE20	MCS0	2	48	5240	Full	0.68	0.69			16.53	17.00		1.34		Pass
HE40	MCS0	2	38	5190	Full	0.71	0.69			9.50	17.00		1.34		Pass
HE40	MCS0	2	46	5230	Full	0.71	0.69			13.66	17.00		1.34		Pass
HE80	MCS0	2	42	5210	Full	0.71	0.69			6.48	17.00		1.34		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	52	5260	16.63	16.58	20.55	20.50	23.20		29.20		23.98		-
11a	6Mbps	2	60	5300	16.63	16.58	20.60	20.43	23.20		29.20		23.98		
11a	6Mbps	2	64	5320	16.63	16.58	20.60	20.18	23.20		29.20		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	52	5260	18.73	19.01	21.88	23.98		2.00		30	Pass
11a	6Mbps	2	60	5300	18.99	18.77	21.89	23.98		2.00		30	Pass
11a	6Mbps	2	64	5320	19.21	19.12	22.18	23.98		2.00		30	Pass
HT20	MCS0	2	52	5260	19.29	19.36	22.34	23.98		2.00		30	Pass
HT20	MCS0	2	60	5300	19.17	19.19	22.19	23.98		2.00		30	Pass
HT20	MCS0	2	64	5320	19.07	18.98	22.04	23.98		2.00		30	Pass
HT40	MCS0	2	54	5270	20.42	20.73	23.59	23.98		2.00		30	Pass
HT40	MCS0	2	62	5310	20.06	20.17	23.13	23.98		2.00		30	Pass
VHT20	MCS0	2	52	5260	19.28	19.36	22.33	23.98		2.00		30	Pass
VHT20	MCS0	2	60	5300	19.07	19.18	22.14	23.98		2.00		30	Pass
VHT20	MCS0	2	64	5320	19.03	18.97	22.01	23.98		2.00		30	Pass
VHT40	MCS0	2	54	5270	20.45	20.68	23.58	23.98		2.00		30	Pass
VHT40	MCS0	2	62	5310	20.07	20.23	23.16	23.98		2.00		30	Pass
VHT80	MCS0	2	58	5290	19.13	19.23	22.19	23.98		2.00		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	52	5260	0.26	0.23	-		10.57	11.00		5.01		Pass
11a	6Mbps	2	60	5300	0.26	0.23			10.74	11.00		5.01		Pass
11a	6Mbps	2	64	5320	0.26	0.23			10.86	11.00		5.01		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	52	5260	Full	19.13	19.18	21.85	22.45	23.82		29.82		23.98		
HE20	MCS0	2	60	5300	Full	19.13	19.18	22.03	22.55	23.82		29.82		23.98		
HE20	MCS0	2	64	5320	Full	19.13	19.18	22.00	22.55	23.82		29.82		23.98		
HE40	MCS0	2	54	5270	Full	37.76	37.76	40.01	40.23	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.76	37.76	40.32	40.05	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.08	77.08	82.32	82.64	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	52	5260	Full	19.75	19.79	22.78	23.98		2.00		30	Pass
HE20	MCS0	2	60	5300	Full	19.47	19.77	22.63	23.98		2.00		30	Pass
HE20	MCS0	2	64	5320	Full	19.40	19.57	22.50	23.98		2.00		30	Pass
HE40	MCS0	2	54	5270	Full	20.55	20.75	23.66	23.98		2.00		30	Pass
HE40	MCS0	2	62	5310	Full	20.23	20.23	23.24	23.98		2.00		30	Pass
HE80	MCS0	2	58	5290	Full	19.40	19.47	22.45	23.98		2.00		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	52	5260	Full	0.68	0.69	-		10.98	11.00		2.00		Pass
HE20	MCS0	2	60	5300	Full	0.68	0.69			10.78	11.00		2.00		Pass
HE20	MCS0	2	64	5320	Full	0.68	0.69			10.63	11.00		2.00		Pass
HE40	MCS0	2	54	5270	Full	0.71	0.69			8.91	11.00		2.00		Pass
HE40	MCS0	2	62	5310	Full	0.71	0.69			8.43	11.00		2.00		Pass
HE80	MCS0	2	58	5290	Full	0.71	0.69			4.33	11.00		2.00		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	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)			
					Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	100	5500	16.63	16.58	20.55	20.28	23.20		29.20		23.98			
11a	6Mbps	2	116	5580	16.33	16.58	20.70	20.15	23.13		29.13		23.98			
11a	6Mbps	2	140	5700	16.63	16.58	20.58	20.08	23.20		29.20		23.98			

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2
11a	6Mbps	2	144	5720	13.34	13.29	15.38	15.18	22.24		28.24		22.81		3.175	3.1998

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	100	5500	19.02	19.37	22.21	23.98		1.35		30	Pass
11a	6Mbps	2	116	5580	19.36	19.29	22.34	23.98		1.35		30	Pass
11a	6Mbps	2	140	5700	19.26	19.24	22.26	23.98		1.35		30	Pass
HT20	MCS0	2	100	5500	19.08	19.22	22.16	23.98		1.35		30	Pass
HT20	MCS0	2	116	5580	19.44	19.13	22.30	23.98		1.35		30	Pass
HT20	MCS0	2	140	5700	19.30	19.19	22.26	23.98		1.35		30	Pass
HT40	MCS0	2	102	5510	20.31	20.48	23.41	23.98		1.35		30	Pass
HT40	MCS0	2	110	5550	20.37	20.40	23.40	23.98		1.35		30	Pass
HT40	MCS0	2	134	5670	20.49	20.52	23.52	23.98		1.35		30	Pass
VHT20	MCS0	2	100	5500	19.06	19.13	22.11	23.98		1.35		30	Pass
VHT20	MCS0	2	116	5580	19.36	19.10	22.24	23.98		1.35		30	Pass
VHT20	MCS0	2	140	5700	19.31	19.15	22.24	23.98		1.35		30	Pass
VHT40	MCS0	2	102	5510	20.30	20.49	23.41	23.98		1.35		30	Pass
VHT40	MCS0	2	110	5550	20.48	20.36	23.43	23.98		1.35		30	Pass
VHT40	MCS0	2	134	5670	20.49	20.51	23.51	23.98		1.35		30	Pass
VHT80	MCS0	2	106	5530	19.03	19.22	22.14	23.98		1.35		30	Pass
VHT80	MCS0	2	122	5610	20.18	20.01	23.11	23.98		1.35		30	Pass

FCC U-NII-2C straddle channel MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	144	5720	18.91	18.86	21.90	22.81		1.35		30	Pass
HT20	MCS0	2	144	5720	19.53	19.29	22.42	23.98		1.35		30	Pass
HT40	MCS0	2	142	5710	21.00	20.59	23.81	23.98		1.35		30	Pass
VHT20	MCS0	2	144	5720	19.44	19.23	22.35	23.98		1.35		30	Pass
VHT40	MCS0	2	142	5710	20.89	20.58	23.75	23.98		1.35		30	Pass
VHT80	MCS0	2	138	5690	20.40	20.14	23.28	23.98		1.35		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	100	5500	0.26	0.23	-		10.74	11.00		4.36		Pass
11a	6Mbps	2	116	5580	0.26	0.23			10.95	11.00		4.36		Pass
11a	6Mbps	2	140	5700	0.26	0.23			10.75	11.00		4.36		Pass

U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	144	5720	0.26	0.23	-		10.49	11.00		4.36		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N_{TX}	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)			
						Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	100	5500	Full	19.13	19.18	22.05	22.50	23.82		29.82		23.98			
HE20	MCS0	2	116	5580	Full	19.13	19.18	22.10	22.23	23.82		29.82		23.98			
HE20	MCS0	2	140	5700	Full	19.13	19.18	21.98	23.08	23.82		29.82		23.98			
HE40	MCS0	2	102	5510	Full	37.76	37.76	40.01	39.92	23.98		30.00		23.98			
HE40	MCS0	2	110	5550	Full	37.76	37.76	39.96	40.19	23.98		30.00		23.98			
HE40	MCS0	2	134	5670	Full	37.76	37.76	40.05	40.19	23.98		30.00		23.98			
HE80	MCS0	2	106	5530	Full	77.20	77.08	82.16	81.84	23.98		30.00		23.98			
HE80	MCS0	2	122	5610	Full	77.08	77.08	82.48	82.00	23.98		30.00		23.98			

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2
HE20	MCS0	2	144	5720	Full	14.64	14.59	16.15	16.27	22.64		28.64		23.08		4.5499	4.4999
HE40	MCS0	2	142	5710	Full	33.88	33.88	35.02	34.89	23.98		30.00		23.98		3.9449	3.8996
HE80	MCS0	2	138	5690	Full	73.60	73.60	76.60	76.60	23.98		30.00		23.98		3.8797	3.7994

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	100	5500	Full	19.30	19.75	22.54	23.98		1.35		30	Pass
HE20	MCS0	2	116	5580	Full	19.62	19.60	22.62	23.98		1.35		30	Pass
HE20	MCS0	2	140	5700	Full	19.65	19.75	22.71	23.98		1.35		30	Pass
HE40	MCS0	2	102	5510	Full	20.59	20.62	23.62	23.98		1.35		30	Pass
HE40	MCS0	2	110	5550	Full	20.71	20.60	23.67	23.98		1.35		30	Pass
HE40	MCS0	2	134	5670	Full	20.71	20.68	23.71	23.98		1.35		30	Pass
HE80	MCS0	2	106	5530	Full	19.41	19.51	22.47	23.98		1.35		30	Pass
HE80	MCS0	2	122	5610	Full	20.62	20.34	23.49	23.98		1.35		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	144	5720	Full	19.76	19.88	22.83	23.08		1.35		30	Pass
HE40	MCS0	2	142	5710	Full	21.06	20.74	23.91	23.98		1.35		30	Pass
HE80	MCS0	2	138	5690	Full	20.82	20.40	23.63	23.98		1.35		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	100	5500	Full	0.68	0.69			10.67	11.00		1.35		Pass
HE20	MCS0	2	116	5580	Full	0.68	0.69			10.68	11.00		1.35		Pass
HE20	MCS0	2	140	5700	Full	0.68	0.69			10.72	11.00		1.35		Pass
HE40	MCS0	2	102	5510	Full	0.71	0.69			8.71	11.00		1.35		Pass
HE40	MCS0	2	110	5550	Full	0.71	0.69	-		8.74	11.00		1.35		Pass
HE40	MCS0	2	134	5670	Full	0.71	0.69			8.89	11.00		1.35		Pass
HE80	MCS0	2	106	5530	Full	0.71	0.69			4.21	11.00		1.35		Pass
HE80	MCS0	2	122	5610	Full	0.71	0.69			5.82	11.00		1.35		Pass

U-NII-2C straddle channel MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	144	5720	Full	0.68	0.69			10.86	11.00		1.35		Pass
HE40	MCS0	2	142	5710	Full	0.71	0.69	-		8.59	11.00		1.35		Pass
HE80	MCS0	2	138	5690	Full	0.71	0.69			5.40	11.00		1.35		Pass

<With High Gain Antenna>

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	36	5180	16.68	16.58	20.63	20.38	-		22.20		
11a	6Mbps	2	44	5220	16.68	16.58	20.85	20.15	-		22.20		
11a	6Mbps	2	48	5240	16.68	16.58	20.68	20.19	-		22.20		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	36	5180	20.89	21.03	23.97	29.27		6.73		-	Pass
11a	6Mbps	2	44	5220	20.94	21.15	24.06	29.27		6.73			Pass
11a	6Mbps	2	48	5240	21.16	21.38	24.28	29.27		6.73			Pass
HT20	MCS0	2	36	5180	21.39	21.42	24.42	29.27		6.73			Pass
HT20	MCS0	2	44	5220	24.56	24.67	27.63	29.27		6.73			Pass
HT20	MCS0	2	48	5240	24.53	24.63	27.59	29.27		6.73			Pass
HT40	MCS0	2	38	5190	18.98	19.19	22.10	29.27		6.73			Pass
HT40	MCS0	2	46	5230	24.36	24.31	27.35	29.27		6.73			Pass
VHT20	MCS0	2	36	5180	21.42	21.47	24.46	29.27		6.73			Pass
VHT20	MCS0	2	44	5220	24.52	24.58	27.56	29.27		6.73			Pass
VHT20	MCS0	2	48	5240	24.57	24.68	27.64	29.27		6.73			Pass
VHT40	MCS0	2	38	5190	18.97	19.22	22.11	29.27		6.73			Pass
VHT40	MCS0	2	46	5230	24.37	24.31	27.35	29.27		6.73			Pass
VHT80	MCS0	2	42	5210	18.86	19.14	22.01	29.27		6.73			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	36	5180	0.25	0.23	-		12.65	13.30		9.70		Pass
11a	6Mbps	2	44	5220	0.25	0.23			12.73	13.30		9.70		Pass
11a	6Mbps	2	48	5240	0.25	0.23			12.87	13.30		9.70		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	36	5180	Full	19.13	19.18	22.00	22.63	-		22.82		-	-
HE20	MCS0	2	44	5220	Full	19.23	19.28	22.75	23.13	-		22.84			
HE20	MCS0	2	48	5240	Full	19.23	19.28	22.13	22.95	-		22.84			
HE40	MCS0	2	38	5190	Full	37.76	37.76	39.87	40.14	-		23.01			
HE40	MCS0	2	46	5230	Full	37.86	37.86	39.96	40.41	-		23.01			
HE80	MCS0	2	42	5210	Full	77.08	77.08	82.40	82.40	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	36	5180	Full	21.99	22.04	25.03	29.27		6.73		Pass
HE20	MCS0	2	44	5220	Full	24.94	25.16	28.06	29.27		6.73		Pass
HE20	MCS0	2	48	5240	Full	24.96	25.17	28.08	29.27		6.73		Pass
HE40	MCS0	2	38	5190	Full	19.06	19.38	22.23	29.27		6.73		Pass
HE40	MCS0	2	46	5230	Full	24.52	24.52	27.53	29.27		6.73		Pass
HE80	MCS0	2	42	5210	Full	19.29	19.50	22.41	29.27		6.73		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	36	5180	Full	0.69	0.70	-		13.21	16.27		6.73		Pass
HE20	MCS0	2	44	5220	Full	0.69	0.70			16.14	16.27		6.73		Pass
HE20	MCS0	2	48	5240	Full	0.69	0.70			16.19	16.27		6.73		Pass
HE40	MCS0	2	38	5190	Full	0.67	0.67			7.57	16.27		6.73		Pass
HE40	MCS0	2	46	5230	Full	0.67	0.67			12.73	16.27		6.73		Pass
HE80	MCS0	2	42	5210	Full	0.69	0.69			4.31	16.27		6.73		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	52	5260	16.73	16.58	20.68	20.55	23.20		29.20		23.98		-
11a	6Mbps	2	60	5300	16.73	16.58	20.63	20.43	23.20		29.20		23.98		
11a	6Mbps	2	64	5320	16.73	16.58	20.90	20.50	23.20		29.20		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	52	5260	14.74	14.93	17.85	22.82		7.16		30	Pass
11a	6Mbps	2	60	5300	15.12	15.35	18.25	22.82		7.16		30	Pass
11a	6Mbps	2	64	5320	15.08	15.02	18.06	22.82		7.16		30	Pass
HT20	MCS0	2	52	5260	17.68	17.78	20.74	22.82		7.16		30	Pass
HT20	MCS0	2	60	5300	18.32	18.03	21.19	22.82		7.16		30	Pass
HT20	MCS0	2	64	5320	17.92	18.04	20.99	22.82		7.16		30	Pass
HT40	MCS0	2	54	5270	19.49	19.50	22.51	22.82		7.16		30	Pass
HT40	MCS0	2	62	5310	19.31	19.55	22.44	22.82		7.16		30	Pass
VHT20	MCS0	2	52	5260	17.68	17.77	20.74	22.82		7.16		30	Pass
VHT20	MCS0	2	60	5300	18.28	18.07	21.19	22.82		7.16		30	Pass
VHT20	MCS0	2	64	5320	17.94	17.96	20.96	22.82		7.16		30	Pass
VHT40	MCS0	2	54	5270	19.52	19.56	22.55	22.82		7.16		30	Pass
VHT40	MCS0	2	62	5310	19.28	19.51	22.41	22.82		7.16		30	Pass
VHT80	MCS0	2	58	5290	18.98	19.03	22.02	22.82		7.16		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	52	5260	0.25	0.23	-		6.40	6.86		10.14		Pass
11a	6Mbps	2	60	5300	0.25	0.23			6.77	6.86		10.14		Pass
11a	6Mbps	2	64	5320	0.25	0.23			6.54	6.86		10.14		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	52	5260	Full	19.13	19.18	21.85	22.78	23.82		29.82		23.98		
HE20	MCS0	2	60	5300	Full	19.13	19.18	22.00	22.48	23.82		29.82		23.98		
HE20	MCS0	2	64	5320	Full	19.13	19.18	22.28	22.48	23.82		29.82		23.98		
HE40	MCS0	2	54	5270	Full	37.76	37.76	39.92	39.92	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.76	37.76	40.14	39.92	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.08	77.08	82.40	81.76	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	52	5260	Full	18.12	18.35	21.25	22.82		7.16		30	Pass
HE20	MCS0	2	60	5300	Full	18.56	18.64	21.61	22.82		7.16		30	Pass
HE20	MCS0	2	64	5320	Full	18.30	18.57	21.45	22.82		7.16		30	Pass
HE40	MCS0	2	54	5270	Full	19.61	19.72	22.68	22.82		7.16		30	Pass
HE40	MCS0	2	62	5310	Full	19.57	19.83	22.71	22.82		7.16		30	Pass
HE80	MCS0	2	58	5290	Full	19.40	19.53	22.48	22.82		7.16		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	52	5260	Full	0.69	0.70	-		9.52	9.84		7.16		Pass
HE20	MCS0	2	60	5300	Full	0.69	0.70			9.63	9.84		7.16		Pass
HE20	MCS0	2	64	5320	Full	0.69	0.70			9.48	9.84		7.16		Pass
HE40	MCS0	2	54	5270	Full	0.67	0.67			8.28	9.84		7.16		Pass
HE40	MCS0	2	62	5310	Full	0.67	0.67			7.96	9.84		7.16		Pass
HE80	MCS0	2	58	5290	Full	0.69	0.69			4.87	9.84		7.16		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	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)			
					Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	100	5500	16.63	16.58	20.65	20.13	23.20		29.20		23.98			
11a	6Mbps	2	116	5580	16.63	16.58	20.70	20.53	23.20		29.20		23.98			
11a	6Mbps	2	140	5700	16.68	16.58	20.63	20.38	23.20		29.20		23.98			

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2
11a	6Mbps	2	144	5720	13.39	13.29	15.40	15.25	22.24		28.24		22.83		3.175	3.2

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	100	5500	16.19	16.28	19.25	23.79		6.19		30	Pass
11a	6Mbps	2	116	5580	16.31	16.22	19.28	23.79		6.19		30	Pass
11a	6Mbps	2	140	5700	16.35	16.15	19.26	23.79		6.19		30	Pass
HT20	MCS0	2	100	5500	18.83	19.08	21.97	23.79		6.19		30	Pass
HT20	MCS0	2	116	5580	19.21	18.95	22.09	23.79		6.19		30	Pass
HT20	MCS0	2	140	5700	19.17	18.97	22.08	23.79		6.19		30	Pass
HT40	MCS0	2	102	5510	20.25	20.19	23.23	23.79		6.19		30	Pass
HT40	MCS0	2	110	5550	20.33	20.08	23.22	23.79		6.19		30	Pass
HT40	MCS0	2	134	5670	20.36	20.31	23.35	23.79		6.19		30	Pass
VHT20	MCS0	2	100	5500	18.77	19.10	21.95	23.79		6.19		30	Pass
VHT20	MCS0	2	116	5580	19.13	18.96	22.06	23.79		6.19		30	Pass
VHT20	MCS0	2	140	5700	19.18	19.01	22.11	23.79		6.19		30	Pass
VHT40	MCS0	2	102	5510	20.28	20.13	23.22	23.79		6.19		30	Pass
VHT40	MCS0	2	110	5550	20.30	20.16	23.24	23.79		6.19		30	Pass
VHT40	MCS0	2	134	5670	20.40	20.41	23.42	23.79		6.19		30	Pass
VHT80	MCS0	2	106	5530	16.58	16.25	19.43	23.79		6.19		30	Pass
VHT80	MCS0	2	122	5610	20.09	19.75	22.93	23.79		6.19		30	Pass

FCC U-NII-2C straddle channel MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
11a	6Mbps	2	144	5720	16.38	16.18	19.29	22.64		6.19		30	Pass
HT20	MCS0	2	144	5720	18.74	18.58	21.67	23.79		6.19		30	Pass
HT40	MCS0	2	142	5710	20.32	19.91	23.13	23.79		6.19		30	Pass
VHT20	MCS0	2	144	5720	18.74	18.53	21.65	23.79		6.19		30	Pass
VHT40	MCS0	2	142	5710	20.27	19.95	23.12	23.79		6.19		30	Pass
VHT80	MCS0	2	138	5690	20.25	19.87	23.07	23.79		6.19		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	100	5500	0.25	0.23	-		7.65	7.83		9.17		Pass
11a	6Mbps	2	116	5580	0.25	0.23			7.75	7.83		9.17		Pass
11a	6Mbps	2	140	5700	0.25	0.23			7.74	7.83		9.17		Pass

U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
11a	6Mbps	2	144	5720	0.25	0.23	-		7.69	7.83		9.17		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N_{TX}	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)			
						Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	100	5500	Full	19.18	19.18	22.05	22.23	23.83		29.83		23.98			
HE20	MCS0	2	116	5580	Full	19.18	19.18	21.93	22.63	23.83		29.83		23.98			
HE20	MCS0	2	140	5700	Full	19.13	19.18	21.90	22.68	23.82		29.82		23.98			
HE40	MCS0	2	102	5510	Full	37.76	37.76	40.05	39.96	23.98		30.00		23.98			
HE40	MCS0	2	110	5550	Full	37.76	37.76	40.50	40.05	23.98		30.00		23.98			
HE40	MCS0	2	134	5670	Full	37.76	37.76	40.01	39.87	23.98		30.00		23.98			
HE80	MCS0	2	106	5530	Full	77.20	77.08	82.64	82.08	23.98		30.00		23.98			
HE80	MCS0	2	122	5610	Full	77.08	76.96	82.32	81.92	23.98		30.00		23.98			

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N_{TX}	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 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2	Ant 0	Ant 2
HE20	MCS0	2	144	5720	Full	14.59	14.59	16.00	16.35	22.64		28.64		23.04		4.55	4.525
HE40	MCS0	2	142	5710	Full	33.88	33.88	35.07	35.02	23.98		30.00		23.98		3.9896	3.4501
HE80	MCS0	2	138	5690	Full	73.60	70.60	76.20	76.28	23.98		30.00		23.98		3.7198	3.8

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	100	5500	Full	19.01	19.69	22.37	23.79		6.19		30	Pass
HE20	MCS0	2	116	5580	Full	19.88	19.57	22.74	23.79		6.19		30	Pass
HE20	MCS0	2	140	5700	Full	19.87	19.60	22.75	23.79		6.19		30	Pass
HE40	MCS0	2	102	5510	Full	20.41	20.52	23.48	23.79		6.19		30	Pass
HE40	MCS0	2	110	5550	Full	20.48	20.47	23.49	23.79		6.19		30	Pass
HE40	MCS0	2	134	5670	Full	20.59	20.68	23.65	23.79		6.19		30	Pass
HE80	MCS0	2	106	5530	Full	17.03	16.93	19.99	23.79		6.19		30	Pass
HE80	MCS0	2	122	5610	Full	20.52	20.23	23.39	23.79		6.19		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2		
HE20	MCS0	2	144	5720	Full	19.42	19.04	22.24	22.85		6.19		30	Pass
HE40	MCS0	2	142	5710	Full	20.51	20.16	23.35	23.79		6.19		30	Pass
HE80	MCS0	2	138	5690	Full	20.66	20.38	23.53	23.79		6.19		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	100	5500	Full	0.69	0.70			10.48	10.81		6.19		Pass
HE20	MCS0	2	116	5580	Full	0.69	0.70			10.67	10.81		6.19		Pass
HE20	MCS0	2	140	5700	Full	0.69	0.70			10.63	10.81		6.19		Pass
HE40	MCS0	2	102	5510	Full	0.67	0.67			8.47	10.81		6.19		Pass
HE40	MCS0	2	110	5550	Full	0.67	0.67	-		8.33	10.81		6.19		Pass
HE40	MCS0	2	134	5670	Full	0.67	0.67			8.44	10.81		6.19		Pass
HE80	MCS0	2	106	5530	Full	0.69	0.69			1.98	10.81		6.19		Pass
HE80	MCS0	2	122	5610	Full	0.69	0.69			5.33	10.81		6.19		Pass

U-NII-2C straddle channel MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 2	Ant 0	Ant 2	SUM	Ant 0	Ant 2	Ant 0	Ant 2	
HE20	MCS0	2	144	5720	Full	0.69	0.70			10.32	10.81		6.19		Pass
HE40	MCS0	2	142	5710	Full	0.67	0.67	-		8.19	10.81		6.19		Pass
HE80	MCS0	2	138	5690	Full	0.69	0.69			5.43	10.81		6.19		Pass

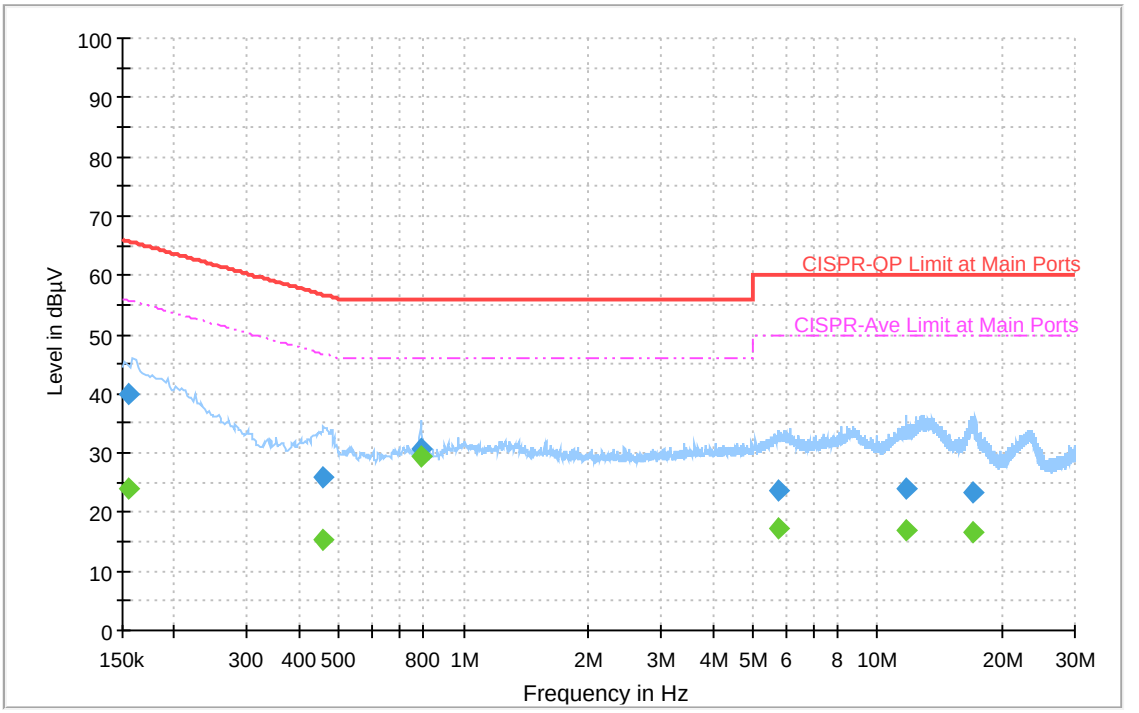
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Abi Lin	**Temperature :**	21~23℃
		Relative Humidity :	37~40%

EUT Information

Test Site Location :	CO01-CA
Power:	120Vac/60Hz
Mode	2
	Line

Full Spectrum



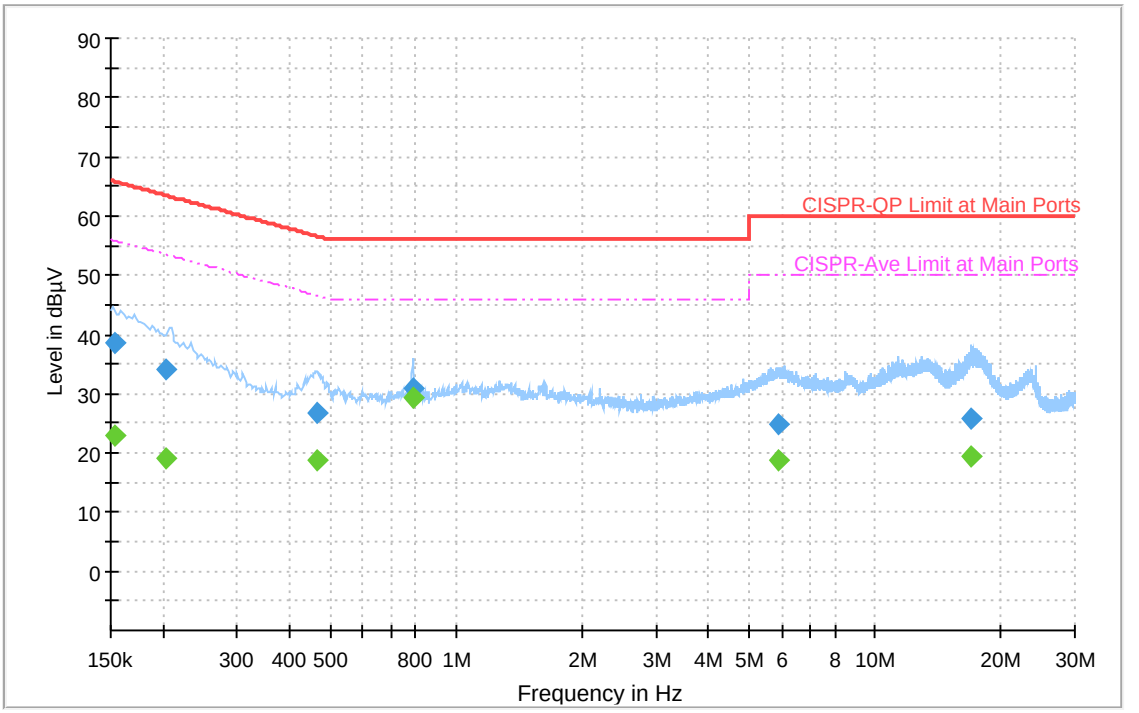
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154788	39.85	---	65.74	25.89	L1	OFF	20.4
0.154788	---	24.05	55.74	31.69	L1	OFF	20.4
0.457665	25.78	---	56.74	30.95	L1	OFF	20.3
0.457665	---	15.32	46.74	31.41	L1	OFF	20.3
0.789567	30.75	---	56.00	25.25	L1	OFF	20.4
0.789567	---	29.49	46.00	16.51	L1	OFF	20.4
5.765901	23.56	---	60.00	36.44	L1	OFF	20.5
5.765901	---	17.20	50.00	32.80	L1	OFF	20.5
11.783004	24.04	---	60.00	35.96	L1	OFF	20.5
11.783004	---	17.06	50.00	32.94	L1	OFF	20.5
16.949472	23.17	---	60.00	36.83	L1	OFF	20.6
16.949472	---	16.62	50.00	33.38	L1	OFF	20.6

EUT Information

Test Site Location :	CO01-CA
Power:	120Vac/60Hz
Mode	2
	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153767	38.60	---	65.79	27.19	N	OFF	20.4
0.153767	---	22.84	55.79	32.95	N	OFF	20.4
0.203613	33.96	---	63.46	29.50	N	OFF	20.4
0.203613	---	19.21	53.46	34.25	N	OFF	20.4
0.463524	26.76	---	56.63	29.87	N	OFF	20.4
0.463524	---	18.73	46.63	27.90	N	OFF	20.4
0.787902	30.81	---	56.00	25.19	N	OFF	20.4
0.787902	---	29.39	46.00	16.61	N	OFF	20.4
5.874306	24.86	---	60.00	35.14	N	OFF	20.5
5.874306	---	18.72	50.00	31.28	N	OFF	20.5
16.942533	25.79	---	60.00	34.21	N	OFF	20.6
16.942533	---	19.30	50.00	30.70	N	OFF	20.6

Appendix C. Radiated Spurious Emission

Test Engineer :	Thinh Hoang , Fu Chen and Jin Peng	Temperature :	20.1~22.7°C
		Relative Humidity :	51.1~63.4%

<With Low Gain Antenna>

UNII-1 INDOOR AP MODE - 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.
0+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5143.78	55.48	-18.52	74	40.71	33.22	11.9	30.35	100	346	P	H
		5150	47.15	-6.85	54	32.38	33.22	11.9	30.35	100	346	A	H
	*	5180	106.27	-	-	91.49	33.24	11.9	30.36	100	346	P	H
	*	5180	102.4	-	-	87.62	33.24	11.9	30.36	100	346	A	H
													H
													H
		5148.46	62.01	-11.99	74	47.24	33.22	11.9	30.35	300	305	P	V
		5148.72	52.4	-1.6	54	37.63	33.22	11.9	30.35	300	305	A	V
	*	5180	116.81	-	-	102.03	33.24	11.9	30.36	300	305	P	V
	*	5180	111.57	-	-	96.79	33.24	11.9	30.36	300	305	A	V
													V
													V

WIFI Ant. 0+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 44 5220MHz		5037.96	53.94	-20.06	74	39.21	33.21	11.9	30.38	221	0	P	H
		5146.9	45.62	-8.38	54	30.85	33.22	11.9	30.35	221	0	A	H
	*	5220	97.83	-	-	83.07	33.19	11.92	30.35	221	0	P	H
	*	5220	92.96	-	-	78.2	33.19	11.92	30.35	221	0	A	H
		5368.44	53.69	-20.31	74	38.95	33.01	12.09	30.36	221	0	P	H
		5458.32	45.27	-8.73	54	30.46	32.97	12.2	30.36	221	0	A	H
		5072.54	56.38	-17.62	74	41.63	33.23	11.9	30.38	330	360	P	V
		5147.94	48.26	-5.74	54	33.49	33.22	11.9	30.35	330	360	A	V
	*	5220	120.36	-	-	105.6	33.19	11.92	30.35	330	360	P	V
	*	5220	114.7	-	-	99.94	33.19	11.92	30.35	330	360	A	V
		5437.6	54.52	-19.48	74	39.75	32.96	12.17	30.36	330	360	P	V
		5358.64	45.88	-8.12	54	31.15	33.02	12.07	30.36	330	360	A	V
802.11a CH 48 5240MHz		5120.9	54.46	-19.54	74	39.68	33.24	11.9	30.36	300	146	P	H
		5148.72	45.65	-8.35	54	30.88	33.22	11.9	30.35	300	146	A	H
	*	5240	104.82	-	-	90.1	33.12	11.94	30.34	300	146	P	H
	*	5240	99.59	-	-	84.87	33.12	11.94	30.34	300	146	A	H
		5354.72	54.54	-19.46	74	39.81	33.02	12.07	30.36	300	146	P	H
		5449.36	45.29	-8.71	54	30.51	32.96	12.18	30.36	300	146	A	H
		5107.9	55.62	-18.38	74	40.84	33.25	11.9	30.37	242	0	P	V
		5105.3	46.57	-7.43	54	31.78	33.26	11.9	30.37	242	0	A	V
	*	5240	121.68	-	-	106.96	33.12	11.94	30.34	242	0	P	V
	*	5240	116.14	-	-	101.42	33.12	11.94	30.34	242	0	A	V
		5383.56	55.52	-18.48	74	40.78	32.99	12.1	30.35	242	0	P	V
		5387.76	46.97	-7.03	54	32.23	32.98	12.11	30.35	242	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 INDOOR AP MODE 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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	46.39	-21.81	68.2	57	38.67	17.52	66.8	-	-	P	H
		15540	48.23	-25.77	74	53.98	37.87	21.62	65.24	-	-	P	H
		15540	39.78	-14.22	54	45.53	37.87	21.62	65.24	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	46.07	-22.13	68.2	56.68	38.67	17.52	66.8	-	-	P	V
		15540	48.8	-25.2	74	54.55	37.87	21.62	65.24	-	-	P	V
		15540	39.86	-14.14	54	45.61	37.87	21.62	65.24	-	-	A	V
													V
													V
													V
													V
													V
													V
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													V
													V

WIFI Ant. 0+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	48.44	-19.76	68.2	57.75	38.8	17.6	65.71	-	-	P	H
		15660	49.66	-24.34	74	55.36	37.68	21.68	65.06	-	-	P	H
		15660	40.67	-13.33	54	46.37	37.68	21.68	65.06	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz		10440	48.75	-19.45	68.2	58.06	38.8	17.6	65.71	-	-	P	V
		15660	50.13	-23.87	74	55.83	37.68	21.68	65.06	-	-	P	V
		15660	40.69	-13.31	54	46.39	37.68	21.68	65.06	-	-	A	V
													V
													V
													V
													V
													V
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													V
													V

WIFI Ant. 0+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	47.37	-20.83	68.2	56.13	38.81	17.63	65.2	-	-	P	H
		15720	48.6	-25.4	74	55.01	37.55	21.7	65.66	-	-	P	H
		15720	40.51	-13.49	54	46.92	37.55	21.7	65.66	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz		10480	47.11	-21.09	68.2	55.87	38.81	17.63	65.2	-	-	P	V
		15720	48.36	-25.64	74	54.77	37.55	21.7	65.66	-	-	P	V
		15720	40.39	-13.61	54	46.8	37.55	21.7	65.66	-	-	A	V
													V
													V
													V
													V
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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.

UNII-1 INDOOR AP MODE 5150~5250MHz

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

WIFI Ant. 0+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)
		5105.56	54.52	-19.48	74	39.73	33.26	11.9	30.37	100	345	P	H
		5149.5	46.01	-7.99	54	31.24	33.22	11.9	30.35	100	345	A	H
	*	5180	103.27	-	-	88.49	33.24	11.9	30.36	100	345	P	H
	*	5180	99.34	-	-	84.56	33.24	11.9	30.36	100	345	A	H
802.11ax													H
HE20 Full													H
CH 36		5148.46	61.69	-12.31	74	46.92	33.22	11.9	30.35	247	248	P	V
5180MHz		5150	51.49	-2.51	54	36.72	33.22	11.9	30.35	247	248	A	V
	*	5180	114.03	-	-	99.25	33.24	11.9	30.36	247	248	P	V
	*	5180	108.3	-	-	93.52	33.24	11.9	30.36	247	248	A	V
													V
													V
		5125.32	54.7	-19.3	74	39.92	33.24	11.9	30.36	360	360	P	H
		5149.24	45.42	-8.58	54	30.65	33.22	11.9	30.35	360	360	A	H
	*	5220	106.38	-	-	91.62	33.19	11.92	30.35	360	360	P	H
	*	5220	99.91	-	-	85.15	33.19	11.92	30.35	360	360	A	H
802.11ax		5415.2	53.87	-20.13	74	39.11	32.97	12.14	30.35	360	360	P	H
HE20 Full		5444.88	44.78	-9.22	54	30	32.96	12.18	30.36	360	360	A	H
CH 44		5146.12	58.21	-15.79	74	43.44	33.22	11.9	30.35	242	253	P	V
5220MHz		5150	49.36	-4.64	54	34.59	33.22	11.9	30.35	242	253	A	V
	*	5220	119.39	-	-	104.63	33.19	11.92	30.35	242	253	P	V
	*	5220	113.15	-	-	98.39	33.19	11.92	30.35	242	253	A	V
		5366.2	54.66	-19.34	74	39.93	33.01	12.08	30.36	242	253	P	V
		5360.04	46.34	-7.66	54	31.6	33.02	12.08	30.36	242	253	A	V

WIFI Ant. 0+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 48 5240MHz		5132.86	56.26	-17.74	74	40.74	33.23	11.9	29.61	202	337	P	H
		5130.26	46.45	-7.55	54	30.92	33.24	11.9	29.61	202	337	A	H
	*	5240	112.85	-	-	97.43	33.12	11.94	29.64	202	337	P	H
	*	5240	104.89	-	-	89.47	33.12	11.94	29.64	202	337	A	H
		5420.52	54.3	-19.7	74	38.89	32.97	12.15	29.71	202	337	P	H
		5459.16	45.98	-8.02	54	30.52	32.97	12.2	29.71	202	337	A	H
		5125.58	57.54	-16.46	74	42.01	33.24	11.9	29.61	224	0	P	V
		5134.42	47.52	-6.48	54	32	33.23	11.9	29.61	224	0	A	V
	*	5240	123.01	-	-	107.59	33.12	11.94	29.64	224	0	P	V
	*	5240	115.53	-	-	100.11	33.12	11.94	29.64	224	0	A	V
		5393.92	57.45	-16.55	74	42.06	32.98	12.11	29.7	224	0	P	V
		5390.56	47.37	-6.63	54	31.98	32.98	12.11	29.7	224	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 INDOOR AP MODE 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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	46.96	-21.24	68.2	57.57	38.67	17.52	66.8	-	-	P	H
		15540	51.8	-22.2	74	57.55	37.87	21.62	65.24	-	-	P	H
		15540	40.45	-13.55	54	46.2	37.87	21.62	65.24	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	47.03	-21.17	68.2	57.64	38.67	17.52	66.8	-	-	P	V
5180MHz		15540	50.91	-23.09	74	56.66	37.87	21.62	65.24	-	-	P	V
		15540	40.55	-13.45	54	46.3	37.87	21.62	65.24	-	-	A	V
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WIFI Ant. 0+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	48.65	-19.55	68.2	57.96	38.8	17.6	65.71	-	-	P	H
		15660	53.26	-20.74	74	58.96	37.68	21.68	65.06	-	-	P	H
		15660	41.93	-12.07	54	47.63	37.68	21.68	65.06	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	48.1	-20.1	68.2	57.41	38.8	17.6	65.71	-	-	P	V
5220MHz		15660	52.37	-21.63	74	58.07	37.68	21.68	65.06	-	-	P	V
		15660	42.19	-11.81	54	47.89	37.68	21.68	65.06	-	-	A	V
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WIFI Ant. 0+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	48.49	-19.71	68.2	57.25	38.81	17.63	65.2	-	-	P	H
		15720	51.53	-22.47	74	57.94	37.55	21.7	65.66	-	-	P	H
		15720	41.55	-12.45	54	47.96	37.55	21.7	65.66	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	49.26	-18.94	68.2	58.02	38.81	17.63	65.2	-	-	P	V
5240MHz		15720	51.51	-22.49	74	57.92	37.55	21.7	65.66	-	-	P	V
		15720	41.53	-12.47	54	47.94	37.55	21.7	65.66	-	-	A	V
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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.

UNII-1 INDOOR AP MODE 5150~5250MHz

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

WIFI Ant. 0+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)
		5126.1	55.6	-18.4	74	40.07	33.24	11.9	29.61	197	343	P	H
		5149.76	47.05	-6.95	54	31.55	33.22	11.9	29.62	197	343	A	H
	*	5190	103.94	-	-	88.42	33.24	11.9	29.62	197	343	P	H
	*	5190	95.75	-	-	80.23	33.24	11.9	29.62	197	343	A	H
802.11ax		5435.92	55.45	-18.55	74	40.03	32.96	12.17	29.71	197	343	P	H
HE40 Full		5458.04	45.88	-8.12	54	30.42	32.97	12.2	29.71	197	343	A	H
CH 38		5146.9	59.1	-14.9	74	43.59	33.22	11.9	29.61	245	0	P	V
5190MHz		5150	52.24	-1.76	54	36.74	33.22	11.9	29.62	245	0	A	V
	*	5190	114.3	-	-	98.78	33.24	11.9	29.62	245	0	P	V
	*	5190	105.85	-	-	90.33	33.24	11.9	29.62	245	0	A	V
		5367.04	55.9	-18.1	74	40.51	33.01	12.08	29.7	245	0	P	V
		5350	46.97	-7.03	54	31.58	33.03	12.06	29.7	245	0	A	V
		5121.16	55.73	-18.27	74	40.2	33.24	11.9	29.61	100	342	P	H
		5149.5	47.02	-6.98	54	31.52	33.22	11.9	29.62	100	342	A	H
	*	5230	107.4	-	-	91.96	33.15	11.93	29.64	100	342	P	H
	*	5230	99.45	-	-	84.01	33.15	11.93	29.64	100	342	A	H
802.11ax		5395.04	54.89	-19.11	74	39.5	32.98	12.11	29.7	100	342	P	H
HE40 Full		5458.6	46.09	-7.91	54	30.63	32.97	12.2	29.71	100	342	A	H
CH 46		5148.72	60.06	-13.94	74	44.56	33.22	11.9	29.62	247	0	P	V
5230MHz		5150	51.79	-2.21	54	36.29	33.22	11.9	29.62	247	0	A	V
	*	5230	117.94	-	-	102.5	33.15	11.93	29.64	247	0	P	V
	*	5230	109.58	-	-	94.14	33.15	11.93	29.64	247	0	A	V
		5389.16	57.29	-16.71	74	41.9	32.98	12.11	29.7	247	0	P	V
		5350.52	47.97	-6.03	54	32.57	33.03	12.07	29.7	247	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 INDOOR AP MODE 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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	46.83	-21.37	68.2	57.31	38.7	17.54	66.72	-	-	P	H
		15570	48.85	-25.15	74	54.72	37.82	21.63	65.32	-	-	P	H
		15570	39.96	-14.04	54	45.83	37.82	21.63	65.32	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	46.54	-21.66	68.2	57.02	38.7	17.54	66.72	-	-	P	V
5190MHz		15570	48.91	-25.09	74	54.78	37.82	21.63	65.32	-	-	P	V
		15570	39.96	-34.04	74	45.83	37.82	21.63	65.32	-	-	P	V
													V
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													V
													V

WIFI Ant. 0+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	48.02	-20.18	68.2	56.97	38.82	17.61	65.38	-	-	P	H
		15690	49.44	-24.56	74	55.41	37.6	21.69	65.26	-	-	P	H
		15690	40.48	-13.52	54	46.45	37.6	21.69	65.26	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	47.76	-20.44	68.2	56.71	38.82	17.61	65.38	-	-	P	V
5230MHz		15690	48.94	-25.06	74	54.91	37.6	21.69	65.26	-	-	P	V
		15690	40.5	-13.5	54	46.47	37.6	21.69	65.26	-	-	A	V
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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.

UNII-1 INDOOR AP MODE 5150~5250MHz

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

WIFI Ant. 0+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		5101.66	57.65	-16.35	74	42.1	33.26	11.9	29.61	101	342	P	H
		5149.5	47.04	-6.96	54	31.54	33.22	11.9	29.62	101	342	A	H
	*	5210	101.81	-	-	86.31	33.22	11.91	29.63	101	342	P	H
	*	5210	92.5	-	-	77	33.22	11.91	29.63	101	342	A	H
		5405.68	56.13	-17.87	74	40.74	32.97	12.13	29.71	101	342	P	H
		5459.44	45.96	-8.04	54	30.5	32.97	12.2	29.71	101	342	A	H
		5147.16	62.91	-11.09	74	47.4	33.22	11.9	29.61	246	0	P	V
		5150	52.36	-1.64	54	36.86	33.22	11.9	29.62	246	0	A	V
	*	5210	113.04	-	-	97.54	33.22	11.91	29.63	246	0	P	V
	*	5210	103.3	-	-	87.8	33.22	11.91	29.63	246	0	A	V
		5429.76	56.3	-17.7	74	40.89	32.96	12.16	29.71	246	0	P	V
		5351.36	47.78	-6.22	54	32.38	33.03	12.07	29.7	246	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 INDOOR AP MODE 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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	47.44	-20.76	68.2	57.26	38.77	17.58	66.17	-	-	P	H
		15630	49.15	-24.85	74	54.91	37.72	21.66	65.14	-	-	P	H
		15630	40.29	-13.71	54	46.05	37.72	21.66	65.14	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	47.46	-20.74	68.2	57.28	38.77	17.58	66.17	-	-	P	V
5210MHz		15630	48.53	-25.47	74	54.29	37.72	21.66	65.14	-	-	P	V
		15630	40.35	-13.65	54	46.11	37.72	21.66	65.14	-	-	A	V
													V
													V
													V
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													V
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													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.

UNII-2a - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+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		5142.46	54.06	-19.94	74	39.28	33.23	11.9	30.35	200	38	P	H
		5139.74	45.67	-8.33	54	30.89	33.23	11.9	30.35	200	38	A	H
	*	5260	101.53	-	-	86.82	33.08	11.97	30.34	200	38	P	H
	*	5260	96.03	-	-	81.32	33.08	11.97	30.34	200	38	A	H
		5448.24	53.28	-20.72	74	38.5	32.96	12.18	30.36	200	38	P	H
		5458.08	45.17	-8.83	54	30.36	32.97	12.2	30.36	200	38	A	H
		5075.82	55.36	-18.64	74	40.59	33.24	11.9	30.37	225	0	P	V
		5129.2	47.03	-6.97	54	32.25	33.24	11.9	30.36	225	0	A	V
	*	5260	122.55	-	-	107.84	33.08	11.97	30.34	225	0	P	V
	*	5260	116.41	-	-	101.7	33.08	11.97	30.34	225	0	A	V
		5407.2	55.94	-18.06	74	41.19	32.97	12.13	30.35	225	0	P	V
		5400.48	47.14	-6.86	54	32.4	32.97	12.12	30.35	225	0	A	V
802.11a CH 60 5300MHz		5014.96	53.58	-20.42	74	38.86	33.2	11.9	30.38	200	346	P	H
		5146.88	45.8	-8.2	54	31.03	33.22	11.9	30.35	200	346	A	H
	*	5300	112.56	-	-	97.86	33.03	12.01	30.34	200	346	P	H
	*	5300	106.36	-	-	91.66	33.03	12.01	30.34	200	346	A	H
		5397.6	54.53	-19.47	74	39.79	32.97	12.12	30.35	200	346	P	H
		5350.08	46.83	-7.17	54	32.09	33.03	12.07	30.36	200	346	A	H
		5136.34	54.78	-19.22	74	40.01	33.23	11.9	30.36	300	305	P	V
		5149.6	46.79	-7.21	54	32.02	33.22	11.9	30.35	300	305	A	V
	*	5300	121.1	-	-	106.4	33.03	12.01	30.34	300	305	P	V
	*	5300	114.82	-	-	100.12	33.03	12.01	30.34	300	305	A	V
		5350.08	63.64	-10.36	74	48.9	33.03	12.07	30.36	300	305	P	V
		5350.08	53.77	-0.23	54	39.03	33.03	12.07	30.36	300	305	A	V

WIFI Ant. 0+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 64 5320MHz	*	5320	108.45	-	-	93.74	33.03	12.03	30.35	200	343	P	H
	*	5320	102.05	-	-	87.34	33.03	12.03	30.35	200	343	A	H
		5453.28	54.66	-19.34	74	39.87	32.96	12.19	30.36	200	343	P	H
		5350.08	45.85	-8.15	54	31.11	33.03	12.07	30.36	200	343	A	H
													H
													H
	*	5230	116.22	-	-	101.49	33.15	11.93	30.35	300	101	P	V
	*	5320	110.27	-	-	95.56	33.03	12.03	30.35	300	101	A	V
		5350.56	61.42	-12.58	74	46.68	33.03	12.07	30.36	300	101	P	V
		5350.24	52.56	-1.44	54	37.82	33.03	12.07	30.36	300	101	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2a 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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	47.75	-20.45	68.2	56.54	38.87	17.67	65.33	-	-	P	H
		15780	47.9	-26.1	74	55.45	37.45	21.72	66.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	48.42	-19.78	68.2	57.21	38.87	17.67	65.33	-	-	P	V
		15780	47.94	-26.06	74	55.49	37.45	21.72	66.72	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	48.69	-25.31	74	58.12	38.98	17.74	66.15	-	-	P	H
		10600	39.46	-14.54	54	48.89	38.98	17.74	66.15	-	-	A	H
		15900	47.54	-26.46	74	55.33	37.52	21.78	67.09	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
i802.11a CH 60 5300MHz													H
		10600	49.97	-24.03	74	59.4	38.98	17.74	66.15	-	-	P	V
		10600	40.31	-13.69	54	49.74	38.98	17.74	66.15	-	-	A	V
		15900	47.74	-26.26	74	55.53	37.52	21.78	67.09	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	46.64	-27.36	74	56.06	38.95	17.78	66.15	-	-	P	H
		15960	47.93	-26.07	74	54.39	37.69	21.81	65.96	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz													H
		10640	47.6	-26.4	74	57.02	38.95	17.78	66.15	-	-	P	V
		15960	47.99	-26.01	74	54.45	37.69	21.81	65.96	-	-	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.

UNII-2a 5250~5350MHz

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

WIFI Ant. 0+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)
		5147.9	56.85	-17.15	74	41.35	33.22	11.9	29.62	190	337	P	H
		5124.1	46.7	-7.3	54	31.17	33.24	11.9	29.61	190	337	A	H
	*	5260	112.27	-	-	96.87	33.08	11.97	29.65	190	337	P	H
	*	5260	105.15	-	-	89.75	33.08	11.97	29.65	190	337	A	H
802.11ax		5429.28	56	-18	74	40.59	32.96	12.16	29.71	190	337	P	H
HE20 Full		5455.68	45.97	-8.03	54	30.52	32.97	12.19	29.71	190	337	A	H
CH 52		5128.52	56.87	-17.13	74	41.34	33.24	11.9	29.61	242	0	P	V
5260MHz		5113.22	47.79	-6.21	54	32.25	33.25	11.9	29.61	242	0	A	V
	*	5260	124.19	-	-	108.79	33.08	11.97	29.65	242	0	P	V
	*	5260	115.49	-	-	100.09	33.08	11.97	29.65	242	0	A	V
		5420.16	58.69	-15.31	74	43.28	32.97	12.15	29.71	242	0	P	V
		5390.88	47.79	-6.21	54	32.4	32.98	12.11	29.7	242	0	A	V
		5100.98	55.65	-18.35	74	40.1	33.26	11.9	29.61	287	347	P	H
		5139.4	46.44	-7.56	54	30.92	33.23	11.9	29.61	287	347	A	H
	*	5300	110.89	-	-	95.52	33.03	12.01	29.67	287	347	P	H
	*	5300	102.73	-	-	87.36	33.03	12.01	29.67	287	347	A	H
802.11ax		5436.96	56.03	-17.97	74	40.61	32.96	12.17	29.71	287	347	P	H
HE20 Full		5446.8	46.09	-7.91	54	30.66	32.96	12.18	29.71	287	347	A	H
CH 60		5148.92	56.74	-17.26	74	41.24	33.22	11.9	29.62	244	0	P	V
5300MHz		5149.26	47.42	-6.58	54	31.92	33.22	11.9	29.62	244	0	A	V
	*	5300	120.93	-	-	105.56	33.03	12.01	29.67	244	0	P	V
	*	5300	113.15	-	-	97.78	33.03	12.01	29.67	244	0	A	V
		5352	61.07	-12.93	74	45.67	33.03	12.07	29.7	244	0	P	V
		5350.08	52.23	-1.77	54	36.83	33.03	12.07	29.7	244	0	A	V

WIFI Ant. 0+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)
	*	5320	108.68	-	-	93.3	33.03	12.03	29.68	285	347	P	H
	*	5320	99.83	-	-	84.45	33.03	12.03	29.68	285	347	A	H
		5455.2	56.53	-17.47	74	41.08	32.97	12.19	29.71	285	347	P	H
		5450.08	46.09	-7.91	54	30.65	32.96	12.19	29.71	285	347	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	118.06	-	-	102.68	33.03	12.03	29.68	243	0	P	V
5320MHz	*	5320	110.21	-	-	94.83	33.03	12.03	29.68	243	0	A	V
		5351.04	60.24	-13.76	74	44.84	33.03	12.07	29.7	243	0	P	V
		5350.08	52.23	-1.77	54	36.83	33.03	12.07	29.7	243	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2a 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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	48.85	-19.35	68.2	57.64	38.87	17.67	65.33	-	-	P	H
		15780	50.63	-23.37	74	58.18	37.45	21.72	66.72	-	-	P	H
		15780	40.45	-13.55	54	48	37.45	21.72	66.72	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	48.05	-20.15	68.2	56.84	38.87	17.67	65.33	-	-	P	V
5260MHz		15780	52.78	-21.22	74	60.33	37.45	21.72	66.72	-	-	P	V
		15780	41.07	-12.93	54	48.62	37.45	21.72	66.72	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	47.79	-26.21	74	57.22	38.98	17.74	66.15	-	-	P	H
		15900	46.81	-27.19	74	54.6	37.52	21.78	67.09	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	47.58	-26.42	74	57.01	38.98	17.74	66.15	-	-	P	V
5300MHz		15900	47.6	-26.4	74	55.39	37.52	21.78	67.09	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	47.38	-26.62	74	56.8	38.95	17.78	66.15	-	-	P	H
		15960	49.01	-24.99	74	55.47	37.69	21.81	65.96	-	-	P	H
		15960	39.66	-14.34	54	46.12	37.69	21.81	65.96	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	47.71	-26.29	74	57.13	38.95	17.78	66.15	-	-	P	V
5320MHz		15960	48.39	-25.61	74	54.85	37.69	21.81	65.96	-	-	P	V
		15960	39.73	-14.27	54	46.19	37.69	21.81	65.96	-	-	A	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.

UNII-2a 5250~5350MHz

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

WIFI Ant. 0+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)
		5006.12	56.63	-17.37	74	41.11	33.19	11.9	29.57	186	337	P	H
		5145.18	46.71	-7.29	54	31.2	33.22	11.9	29.61	186	337	A	H
	*	5270	109.02	-	-	93.63	33.07	11.98	29.66	186	337	P	H
	*	5270	100.02	-	-	84.63	33.07	11.98	29.66	186	337	A	H
802.11ax		5413.44	55.6	-18.4	74	40.2	32.97	12.14	29.71	186	337	P	H
HE40 Full		5435.52	46.06	-7.94	54	30.64	32.96	12.17	29.71	186	337	A	H
CH 54		5108.8	57.77	-16.23	74	42.23	33.25	11.9	29.61	243	0	P	V
5270MHz		5126.14	48.06	-5.94	54	32.53	33.24	11.9	29.61	243	0	A	V
	*	5270	117.74	-	-	102.35	33.07	11.98	29.66	243	0	P	V
	*	5270	109.81	-	-	94.42	33.07	11.98	29.66	243	0	A	V
		5358	61.19	-12.81	74	45.8	33.02	12.07	29.7	243	0	P	V
		5350.08	52.18	-1.82	54	36.78	33.03	12.07	29.7	243	0	A	V
		5138.04	55.4	-18.6	74	39.88	33.23	11.9	29.61	301	347	P	H
		5149.94	46.52	-7.48	54	31.02	33.22	11.9	29.62	301	347	A	H
	*	5310	102.5	-	-	87.13	33.03	12.02	29.68	301	347	P	H
	*	5310	94.18	-	-	78.81	33.03	12.02	29.68	301	347	A	H
802.11ax		5449.68	56.32	-17.68	74	40.89	32.96	12.18	29.71	301	347	P	H
HE40 Full		5350.08	46.94	-7.06	54	31.54	33.03	12.07	29.7	301	347	A	H
CH 62		5146.2	56.08	-17.92	74	40.57	33.22	11.9	29.61	244	0	P	V
5310MHz		5149.94	47.27	-6.73	54	31.77	33.22	11.9	29.62	244	0	A	V
	*	5310	112.66	-	-	97.29	33.03	12.02	29.68	244	0	P	V
	*	5310	105.1	-	-	89.73	33.03	12.02	29.68	244	0	A	V
		5350.08	60.31	-13.69	74	44.91	33.03	12.07	29.7	244	0	P	V
		5350.56	53.12	-0.88	54	37.72	33.03	12.07	29.7	244	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2a 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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	47.3	-20.9	68.2	56.31	38.94	17.69	65.64	-	-	P	H
		15810	47.67	-26.33	74	55.76	37.43	21.74	67.26	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	47.96	-20.24	68.2	56.97	38.94	17.69	65.64	-	-	P	V
5270MHz		15810	47.55	-26.45	74	55.64	37.43	21.74	67.26	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	47.09	-26.91	74	56.52	38.96	17.76	66.15	-	-	P	H
		15930	47.33	-26.67	74	54.45	37.63	21.79	66.54	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	47.49	-26.51	74	56.92	38.96	17.76	66.15	-	-	P	V
5310MHz		15930	47.6	-26.4	74	54.72	37.63	21.79	66.54	-	-	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.

UNII-2a 5250~5350MHz

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

WIFI Ant. 0+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		5142.8	55.58	-18.42	74	40.06	33.23	11.9	29.61	200	338	P	H
		5113.22	46.52	-7.48	54	30.98	33.25	11.9	29.61	200	338	A	H
	*	5290	99.27	-	-	83.9	33.04	12	29.67	200	338	P	H
	*	5290	90.8	-	-	75.43	33.04	12	29.67	200	338	A	H
		5362.32	55.75	-18.25	74	40.35	33.02	12.08	29.7	200	338	P	H
		5456.64	45.98	-8.02	54	30.53	32.97	12.19	29.71	200	338	A	H
		5138.38	56.55	-17.45	74	41.03	33.23	11.9	29.61	222	0	P	V
		5147.56	47.16	-6.84	54	31.66	33.22	11.9	29.62	222	0	A	V
	*	5290	110.5	-	-	95.13	33.04	12	29.67	222	0	P	V
	*	5290	101.63	-	-	86.26	33.04	12	29.67	222	0	A	V
		5352	61.61	-12.39	74	46.21	33.03	12.07	29.7	222	0	P	V
		5350.08	53.02	-0.98	54	37.62	33.03	12.07	29.7	222	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2a 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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	49.21	-18.99	68.2	58.52	38.98	17.72	66.01	-	-	P	H
		15870	47.92	-26.08	74	56.25	37.49	21.77	67.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	48.78	-19.42	68.2	58.09	38.98	17.72	66.01	-	-	P	V
5290MHz		15870	47.79	-26.21	74	56.12	37.49	21.77	67.59	-	-	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.

UNII-2c - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+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		5432.72	54.95	-19.05	74	40.19	32.96	12.16	30.36	100	345	P	H
		5469.2	57.43	-10.77	68.2	42.61	32.98	12.21	30.37	100	345	P	H
		5459.28	46.18	-7.82	54	31.37	32.97	12.2	30.36	100	345	A	H
	*	5500	110.95	-	-	96.06	33.02	12.25	30.38	100	345	P	H
	*	5500	103.95	-	-	89.06	33.02	12.25	30.38	100	345	A	H
													H
		5459.76	62.72	-11.28	74	47.91	32.97	12.2	30.36	300	79	P	V
		5469.36	65.73	-2.47	68.2	50.91	32.98	12.21	30.37	300	79	P	V
		5459.6	50.4	-3.6	54	35.59	32.97	12.2	30.36	300	79	A	V
	*	5500	119.39	-	-	104.5	33.02	12.25	30.38	300	79	P	V
	*	5500	112.63	-	-	97.74	33.02	12.25	30.38	300	79	A	V
													V
802.11a CH 116 5580MHz		5406.64	54.62	-19.38	74	39.87	32.97	12.13	30.35	200	106	P	H
		5464.48	54.18	-14.02	68.2	39.37	32.98	12.2	30.37	200	106	A	H
		5450.32	45.33	-8.67	54	30.54	32.96	12.19	30.36	200	106	P	H
	*	5580	107.67	-	-	92.5	33.19	12.35	30.37	200	106	A	H
	*	5580	101.2	-	-	86.03	33.19	12.35	30.37	200	106	P	H
		5742.32	54.7	-13.5	68.2	38.81	33.74	12.57	30.42	200	106	A	H
		5428.72	57.12	-16.88	74	42.36	32.96	12.16	30.36	268	0	P	V
		5462.32	55.21	-12.99	68.2	40.4	32.97	12.2	30.36	268	0	A	V
		5444.08	47.37	-6.63	54	32.59	32.96	12.18	30.36	268	0	P	V
	*	5580	122.8	-	-	107.63	33.19	12.35	30.37	268	0	A	V
	*	5580	115.64	-	-	100.47	33.19	12.35	30.37	268	0	P	V
		5748.305	55.73	-12.47	68.2	39.8	33.78	12.57	30.42	268	0	A	V

WIFI Ant. 0+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 140 5700MHz	*	5700	107.23	-	-	91.69	33.45	12.51	30.42	100	33	P	H
	*	5700	100.75	-	-	85.21	33.45	12.51	30.42	100	33	A	H
		5727.56	57.91	-10.29	68.2	42.14	33.64	12.55	30.42	100	33	P	H
													H
													H
													H
	*	5700	119.33	-	-	103.79	33.45	12.51	30.42	242	0	P	V
	*	5700	110.89	-	-	95.35	33.45	12.51	30.42	242	0	A	V
		5725.8	67.11	-1.09	68.2	51.36	33.63	12.54	30.42	242	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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	47.4	-26.6	74	55.82	38.66	18.11	65.19	-	-	P	H
		16500	50.36	-17.84	68.2	55.45	38.15	22.37	65.61	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	47.51	-26.49	74	55.93	38.66	18.11	65.19	-	-	P	V
		16500	48.54	-19.66	68.2	53.63	38.15	22.37	65.61	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	50.83	-23.17	74	57.84	38.75	18.25	64.01	-	-	P	H
		11160	41.35	-12.65	54	48.36	38.75	18.25	64.01	-	-	A	H
		16740	49.3	-18.9	68.2	54.98	37.71	22.64	66.03	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz		11160	54.02	-19.98	74	61.03	38.75	18.25	64.01	400	321	P	V
		11160	43.82	-10.18	54	50.83	38.75	18.25	64.01	400	321	A	V
		16740	49.41	-18.79	68.2	55.09	37.71	22.64	66.03	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	48.55	-25.45	74	56.88	39.08	18.48	65.89	-	-	P	H
		11400	40.34	-13.66	54	48.67	39.08	18.48	65.89	-	-	A	H
		17100	49.18	-19.02	68.2	55.4	37.35	23.03	66.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	48.64	-25.36	74	56.97	39.08	18.48	65.89	-	-	P	V
		11400	40.19	-13.81	54	48.52	39.08	18.48	65.89	-	-	A	V
		17100	49.32	-18.88	68.2	55.54	37.35	23.03	66.6	-	-	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.

UNII-2c - 5470~5725MHz

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

WIFI Ant. 0+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)
		5457.52	53.96	-20.04	74	39.16	32.97	12.19	30.36	395	360	P	H
		5468.88	60.43	-7.77	68.2	45.61	32.98	12.21	30.37	395	360	P	H
		5459.76	46.01	-7.99	54	31.2	32.97	12.2	30.36	395	360	A	H
	*	5500	108.03	-	-	93.14	33.02	12.25	30.38	395	360	P	H
802.11ax	*	5500	101.06	-	-	86.17	33.02	12.25	30.38	395	360	A	H
HE20 Full		5459.92	60.73	-13.27	74	45.92	32.97	12.2	30.36	323	73	P	V
CH 100		5469.52	67.75	-0.45	68.2	52.93	32.98	12.21	30.37	323	73	P	V
5500MHz		5460	51.29	-2.71	54	36.48	32.97	12.2	30.36	323	73	A	V
	*	5500	117.46	-	-	102.57	33.02	12.25	30.38	323	73	P	V
	*	5500	110.01	-	-	95.12	33.02	12.25	30.38	323	73	A	V
													V
													V
		5457.28	54.06	-19.94	74	39.26	32.97	12.19	30.36	100	70	P	H
		5465.92	54.4	-13.8	68.2	39.58	32.98	12.21	30.37	100	70	P	H
		5457.76	44.54	-9.46	54	29.73	32.97	12.2	30.36	100	70	A	H
	*	5580	107.98	-	-	92.81	33.19	12.35	30.37	100	70	P	H
802.11ax	*	5580	98.66	-	-	83.49	33.19	12.35	30.37	100	70	A	H
HE20 Full		5759.96	54.42	-13.78	68.2	38.39	33.86	12.59	30.42	100	70	P	H
CH 116		5428.48	55.26	-18.74	74	40.5	32.96	12.16	30.36	218	0	P	V
5580MHz		5466.16	54.02	-14.18	68.2	39.2	32.98	12.21	30.37	218	0	P	V
		5451.04	46.2	-7.8	54	31.41	32.96	12.19	30.36	218	0	A	V
	*	5580	121.48	-	-	106.31	33.19	12.35	30.37	218	0	P	V
	*	5580	112.22	-	-	97.05	33.19	12.35	30.37	218	0	A	V
		5729.09	55.16	-13.04	68.2	39.38	33.65	12.55	30.42	218	0	P	V

WIFI Ant. 0+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)
	*	5700	106.49	-	-	90.95	33.45	12.51	30.42	100	17	P	H
	*	5700	98.74	-	-	83.2	33.45	12.51	30.42	100	17	A	H
		5727.72	59.23	-8.97	68.2	43.46	33.64	12.55	30.42	100	17	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	115.56	-	-	100.02	33.45	12.51	30.42	233	0	P	V
5700MHz	*	5700	108.53	-	-	92.99	33.45	12.51	30.42	233	0	A	V
		5726.2	66	-2.2	68.2	50.25	33.63	12.54	30.42	233	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 0+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	48.4	-25.6	74	56.82	38.66	18.11	65.19	-	-	P	H
		11000	39.72	-14.28	54	48.14	38.66	18.11	65.19	-	-	A	H
		16500	50.26	-17.94	68.2	55.35	38.15	22.37	65.61	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	48.98	-25.02	74	57.4	38.66	18.11	65.19	-	-	P	V
5500MHz		11000	40.86	-13.14	54	49.28	38.66	18.11	65.19	-	-	A	V
		16500	49.73	-18.47	68.2	54.82	38.15	22.37	65.61	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	51.24	-22.76	74	58.25	38.75	18.25	64.01	-	-	P	H
		11160	41.49	-12.51	54	48.5	38.75	18.25	64.01	-	-	A	H
		16740	50.08	-18.12	68.2	55.76	37.71	22.64	66.03	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	53.5	-20.5	74	60.51	38.75	18.25	64.01	108	256	P	V
5580MHz		11160	43.28	-10.72	54	50.29	38.75	18.25	64.01	108	256	A	V
		16740	49.05	-19.15	68.2	54.73	37.71	22.64	66.03	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	48.66	-25.34	74	56.99	39.08	18.48	65.89	-	-	P	H
		11400	39.73	-14.27	54	48.06	39.08	18.48	65.89	-	-	A	H
		17100	49.28	-18.92	68.2	55.5	37.35	23.03	66.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	48.57	-25.43	74	56.9	39.08	18.48	65.89	-	-	P	V
5700MHz		11400	40.13	-13.87	54	48.46	39.08	18.48	65.89	-	-	A	V
		17100	49.02	-19.18	68.2	55.24	37.35	23.03	66.6	-	-	P	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.

UNII-2c 5470~5725MHz

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

WIFI Ant. 0+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)
		5453.2	54.35	-19.65	74	39.56	32.96	12.19	30.36	392	360	P	H
		5467.6	57.74	-10.46	68.2	42.92	32.98	12.21	30.37	392	360	P	H
		5459.92	47.05	-6.95	54	32.24	32.97	12.2	30.36	392	360	A	H
	*	5510	106.77	-	-	91.85	33.04	12.26	30.38	392	360	P	H
802.11ax	*	5510	96.82	-	-	81.9	33.04	12.26	30.38	392	360	A	H
HE40 Full		5742.32	55.49	-12.71	68.2	39.6	33.74	12.57	30.42	392	360	P	H
CH 102		5458.96	63.45	-10.55	74	48.64	32.97	12.2	30.36	235	0	P	V
5510MHz		5469.76	67.4	-0.8	68.2	52.58	32.98	12.21	30.37	235	0	P	V
		5459.92	53.49	-0.51	54	38.68	32.97	12.2	30.36	235	0	A	V
	*	5510	114.39	-	-	99.47	33.04	12.26	30.38	235	0	P	V
	*	5510	106.75	-	-	91.83	33.04	12.26	30.38	235	0	A	V
		5757.125	55.33	-12.87	68.2	39.33	33.84	12.58	30.42	235	0	P	V
		5435.2	56.06	-17.94	74	41.29	32.96	12.17	30.36	393	360	P	H
		5469.28	56.9	-11.3	68.2	42.08	32.98	12.21	30.37	393	360	P	H
		5459.92	45.7	-8.3	54	30.89	32.97	12.2	30.36	393	360	A	H
	*	5550	108.83	-	-	93.75	33.12	12.32	30.36	393	360	P	H
802.11ax	*	5550	100.43	-	-	85.35	33.12	12.32	30.36	393	360	A	H
HE40 Full		5735.075	54.66	-13.54	68.2	38.83	33.69	12.56	30.42	393	360	P	H
CH 110		5455.84	60.45	-13.55	74	45.65	32.97	12.19	30.36	248	0	P	V
5550MHz		5468.56	64.63	-3.57	68.2	49.81	32.98	12.21	30.37	248	0	P	V
		5459.92	50.86	-3.14	54	36.05	32.97	12.2	30.36	248	0	A	V
	*	5550	118.12	-	-	103.04	33.12	12.32	30.36	248	0	P	V
	*	5550	109.11	-	-	94.03	33.12	12.32	30.36	248	0	A	V
		5725	54.85	-13.35	68.2	39.11	33.62	12.54	30.42	248	0	P	V

WIFI Ant. 0+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)
		5453.25	54.95	-19.05	74	40.16	32.96	12.19	30.36	392	360	P	H
		5465.5	53.18	-15.02	68.2	38.36	32.98	12.21	30.37	392	360	P	H
		5453.6	44.51	-9.49	54	29.72	32.96	12.19	30.36	392	360	A	H
	*	5670	105.41	-	-	90.02	33.33	12.47	30.41	392	360	P	H
802.11ax	*	5670	96.64	-	-	81.25	33.33	12.47	30.41	392	360	A	H
HE40 Full		5726.85	60.97	-7.23	68.2	45.22	33.63	12.54	30.42	392	360	P	H
CH 134		5433.3	53.61	-20.39	74	38.85	32.96	12.16	30.36	232	0	P	V
5670MHz		5467.25	53.57	-14.63	68.2	38.75	32.98	12.21	30.37	232	0	P	V
		5459.9	44.86	-9.14	54	30.05	32.97	12.2	30.36	232	0	A	V
	*	5670	112.99	-	-	97.6	33.33	12.47	30.41	232	0	P	V
	*	5670	105.43	-	-	90.04	33.33	12.47	30.41	232	0	A	V
		5725.8	65.69	-2.51	68.2	49.94	33.63	12.54	30.42	232	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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	48.16	-25.84	74	56.47	38.65	18.13	65.09	-	-	P	H
		11020	39.87	-14.13	54	48.18	38.65	18.13	65.09	-	-	A	H
		16530	49.58	-18.62	68.2	55.1	38.2	22.41	66.13	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	48.13	-25.87	74	56.44	38.65	18.13	65.09	-	-	P	V
5510MHz		11020	39.97	-14.03	54	48.28	38.65	18.13	65.09	-	-	A	V
		16530	49.11	-19.09	68.2	54.63	38.2	22.41	66.13	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	49.39	-24.61	74	56.91	38.79	18.2	64.51	-	-	P	H
		11100	40.73	-13.27	54	48.25	38.79	18.2	64.51	-	-	A	H
		16650	48.98	-19.22	68.2	55.08	38.07	22.54	66.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	49	-25	74	56.52	38.79	18.2	64.51	-	-	P	V
5550MHz		11100	41.42	-12.58	54	48.94	38.79	18.2	64.51	-	-	A	V
		16650	48.59	-19.61	68.2	54.69	38.07	22.54	66.71	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	48.16	-25.84	74	56.87	39.12	18.42	66.25	-	-	P	H
		11340	39.48	-14.52	54	48.19	39.12	18.42	66.25	-	-	A	H
		17010	49.56	-18.64	68.2	54.64	37.39	22.93	65.4	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	48.66	-25.34	74	57.37	39.12	18.42	66.25	-	-	P	V
5670MHz		11340	39.58	-14.42	54	48.29	39.12	18.42	66.25	-	-	A	V
		17010	48.88	-19.32	68.2	53.96	37.39	22.93	65.4	-	-	P	V
													V
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													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.

UNII-2c 5470~5725MHz

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

WIFI Ant. 0+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)
		5459.68	55.31	-18.69	74	40.5	32.97	12.2	30.36	100	18	P	H
		5468.56	55.82	-12.38	68.2	41	32.98	12.21	30.37	100	18	P	H
		5458.72	46.48	-7.52	54	31.67	32.97	12.2	30.36	100	18	A	H
	*	5530	99.09	-	-	84.09	33.08	12.29	30.37	100	18	P	H
802.11ax	*	5530	89.9	-	-	74.9	33.08	12.29	30.37	100	18	A	H
HE80 Full		5760.905	54.22	-13.98	68.2	38.18	33.87	12.59	30.42	100	18	P	H
CH 106		5454.4	60.6	-13.4	74	45.8	32.97	12.19	30.36	250	0	P	V
5530MHz		5461.6	62.97	-5.23	68.2	48.16	32.97	12.2	30.36	250	0	P	V
		5458.96	52.86	-1.14	54	38.05	32.97	12.2	30.36	250	0	A	V
	*	5530	107.69	-	-	92.69	33.08	12.29	30.37	250	0	P	V
	*	5530	98.71	-	-	83.71	33.08	12.29	30.37	250	0	A	V
		5764.37	54.48	-13.72	68.2	38.42	33.9	12.59	30.43	250	0	P	V
		5452.2	53.89	-20.11	74	39.1	32.96	12.19	30.36	335	361	P	H
		5460	53.28	-14.92	68.2	38.47	32.97	12.2	30.36	335	361	P	H
		5456.05	44.84	-9.16	54	30.04	32.97	12.19	30.36	335	361	A	H
	*	5610	102.67	-	-	87.43	33.23	12.39	30.38	335	361	P	H
802.11ax	*	5610	93.9	-	-	78.66	33.23	12.39	30.38	335	361	A	H
HE80 Full		5735.95	60.12	-8.08	68.2	44.29	33.69	12.56	30.42	335	361	P	H
CH 122		5457.1	58.5	-15.5	74	43.7	32.97	12.19	30.36	253	0	P	V
5610MHz		5466.2	61.24	-6.96	68.2	46.42	32.98	12.21	30.37	253	0	P	V
		5459.2	50.15	-3.85	54	35.34	32.97	12.2	30.36	253	0	A	V
	*	5610	112.32	-	-	97.08	33.23	12.39	30.38	253	0	P	V
	*	5610	103.71	-	-	88.47	33.23	12.39	30.38	253	0	A	V
		5725.625	65.76	-2.44	68.2	50.02	33.62	12.54	30.42	253	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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	47.87	-26.13	74	55.89	38.66	18.17	64.85	-	-	P	H
		16590	49.05	-19.15	68.2	55.13	38.2	22.47	66.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	48.52	-25.48	74	56.54	38.66	18.17	64.85	-	-	P	V
5530MHz		11060	40.12	-13.88	54	48.14	38.66	18.17	64.85	-	-	A	V
		16590	48.22	-19.98	68.2	54.3	38.2	22.47	66.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	49.72	-24.28	74	57	38.79	18.31	64.38	-	-	P	H
		11220	40.7	-13.3	54	47.98	38.79	18.31	64.38	-	-	A	H
		16830	46.99	-21.21	68.2	53.12	37.23	22.73	66.09	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	50.35	-23.65	74	57.63	38.79	18.31	64.38	-	-	P	V
5610MHz		11220	40.81	-13.19	54	48.09	38.79	18.31	64.38	-	-	A	V
		16830	47.85	-20.35	68.2	53.98	37.23	22.73	66.09	-	-	P	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.

UNII-2c - 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.	
0+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5448.28	54.39	-19.61	74	39.61	32.96	12.18	30.36	279	0	P	H
		5463.88	52.75	-15.45	68.2	37.94	32.98	12.2	30.37	279	0	P	H
		5458.42	45.17	-8.83	54	30.36	32.97	12.2	30.36	279	0	A	H
	*	5720	110.63	-	-	94.92	33.59	12.54	30.42	279	0	P	H
	*	5720	105.26	-	-	89.55	33.59	12.54	30.42	279	0	A	H
		5859	54.96	-13.24	68.2	38.51	34.23	12.7	30.48	279	0	P	H
		5453.74	54.08	-19.92	74	39.29	32.96	12.19	30.36	186	0	P	V
		5462.71	53.57	-14.63	68.2	38.76	32.98	12.2	30.37	186	0	P	V
		5444.77	45.47	-8.53	54	30.69	32.96	12.18	30.36	186	0	A	V
	*	5720	123.01	-	-	107.3	33.59	12.54	30.42	186	0	P	V
	*	5720	115.82	-	-	100.11	33.59	12.54	30.42	186	0	A	V
		5851.46	57.35	-10.85	68.2	40.89	34.23	12.7	30.47	186	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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		11440	48.76	-25.24	74	56.72	39.07	18.52	65.55	-	-	P	H
		11440	39.67	-14.33	54	47.63	39.07	18.52	65.55	-	-	A	H
		17160	51.07	-17.13	68.2	57.06	37.24	23.09	66.32	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	50.92	-23.08	74	58.88	39.07	18.52	65.55	400	49	P	V
		11440	41.05	-12.95	54	49.01	39.07	18.52	65.55	400	49	A	V
		17160	49.63	-18.57	68.2	55.62	37.24	23.09	66.32	-	-	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.

UNII-2c - Straddle Channel

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

WIFI Ant. 0+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		5378.08	53.09	-20.91	74	38.34	33	12.1	30.35	135	96	P	H
		5462.32	53.93	-14.27	68.2	39.12	32.97	12.2	30.36	135	96	P	H
		5459.98	44.5	-9.5	54	29.69	32.97	12.2	30.36	135	96	A	H
	*	5720	106.26	-	-	90.55	33.59	12.54	30.42	135	96	P	H
	*	5720	98.18	-	-	82.47	33.59	12.54	30.42	135	96	A	H
		5948.18	56.22	-11.98	68.2	39.73	34.2	12.8	30.51	135	96	P	H
		5442.43	53.99	-20.01	74	39.21	32.96	12.18	30.36	100	312	P	V
		5466.61	53.26	-14.94	68.2	38.44	32.98	12.21	30.37	100	312	P	V
		5452.18	44.68	-9.32	54	29.89	32.96	12.19	30.36	100	312	A	V
	*	5720	117.88	-	-	102.17	33.59	12.54	30.42	100	312	P	V
	*	5720	110.42	-	-	94.71	33.59	12.54	30.42	100	312	A	V
		5948	55.93	-12.27	68.2	39.44	34.2	12.8	30.51	100	312	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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	49.13	-24.87	74	57.09	39.07	18.52	65.55	-	-	P	H
		11440	40.16	-13.84	54	48.12	39.07	18.52	65.55	-	-	A	H
		17160	49.29	-18.91	68.2	55.28	37.24	23.09	66.32	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	48.89	-25.11	74	56.85	39.07	18.52	65.55	-	-	P	V
5720MHz		11440	41.06	-12.94	54	49.02	39.07	18.52	65.55	-	-	A	V
		17160	49.56	-18.64	68.2	55.55	37.24	23.09	66.32	-	-	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.

UNII-2c - Straddle Channel

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

WIFI Ant. 0+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		5426.05	52.91	-21.09	74	38.16	32.96	12.15	30.36	380	360	P	H
		5467.39	52.19	-16.01	68.2	37.37	32.98	12.21	30.37	380	360	P	H
		5452.18	44.45	-9.55	54	29.66	32.96	12.19	30.36	380	360	A	H
	*	5710	110.3	-	-	94.68	33.52	12.52	30.42	380	360	P	H
	*	5710	102.51	-	-	86.89	33.52	12.52	30.42	380	360	A	H
		5849.9	59.13	-90.87	150	42.68	34.23	12.69	30.47	380	360	P	H
		5435.02	53.42	-20.58	74	38.65	32.96	12.17	30.36	224	0	P	V
		5465.05	52.37	-15.83	68.2	37.56	32.98	12.2	30.37	224	0	P	V
		5458.42	44.83	-9.17	54	30.02	32.97	12.2	30.36	224	0	A	V
	*	5710	118.41	-	-	102.79	33.52	12.52	30.42	224	0	P	V
	*	5710	109.4	-	-	93.78	33.52	12.52	30.42	224	0	A	V
		5851.2	66.91	-1.29	68.2	50.45	34.23	12.7	30.47	224	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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	49.03	-24.97	74	57.17	39.08	18.5	65.72	-	-	P	H
		11420	39.7	-14.3	54	47.84	39.08	18.5	65.72	-	-	A	H
		17130	48.71	-19.49	68.2	54.87	37.25	23.06	66.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	49.8	-24.2	74	57.94	39.08	18.5	65.72	-	-	P	V
5710MHz		11420	40.52	-13.48	54	48.66	39.08	18.5	65.72	-	-	A	V
		17130	50.08	-18.12	68.2	56.24	37.25	23.06	66.47	-	-	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.

UNII-2c Straddle Channel

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

WIFI Ant. 0+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)
		5436.97	53.93	-20.07	74	39.16	32.96	12.17	30.36	106	16	P	H
		5467.39	53.74	-14.46	68.2	38.92	32.98	12.21	30.37	106	16	P	H
		5455.69	44.96	-9.04	54	30.16	32.97	12.19	30.36	106	16	A	H
	*	5690	105.45	-	-	89.96	33.41	12.5	30.42	106	16	P	H
802.11ax	*	5690	96.37	-	-	80.88	33.41	12.5	30.42	106	16	A	H
HE80 Full		5850	58.74	-9.46	68.2	42.29	34.23	12.69	30.47	106	16	P	H
CH 138		5459.2	56.77	-17.23	74	41.96	32.97	12.2	30.36	245	0	P	V
5690MHz		5470	56.31	-11.89	68.2	41.49	32.98	12.21	30.37	245	0	P	V
		5459.98	47.45	-6.55	54	32.64	32.97	12.2	30.36	245	0	A	V
	*	5690	113.77	-	-	98.28	33.41	12.5	30.42	245	0	P	V
	*	5690	105.22	-	-	89.73	33.41	12.5	30.42	245	0	A	V
		5850.42	66.68	-1.52	68.2	50.22	34.23	12.7	30.47	245	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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	48.5	-25.5	74	56.95	39.1	18.46	66.01	-	-	P	H
		11380	39.6	-14.4	54	48.05	39.1	18.46	66.01	-	-	A	H
		17070	48.17	-20.03	68.2	53.92	37.33	23	66.08	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	48.15	-25.85	74	56.6	39.1	18.46	66.01	-	-	P	V
5690MHz		11380	39.68	-14.32	54	48.13	39.1	18.46	66.01	-	-	A	V
		17070	49.87	-18.33	68.2	55.62	37.33	23	66.08	-	-	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 802.11a (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.	
0+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		38977.27	55.3	-18.7	74	37.63	44.96	25.5	52.79	-	-	P	H
		38977.27	44.86	-9.14	54	27.19	44.96	25.5	52.79	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
SHF		39103.36	55.68	-18.32	74	36.91	45.19	25.62	52.04	-	-	P	V
		39103.36	46.66	-7.34	54	27.89	45.19	25.62	52.04	-	-	A	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.

Emission below 1GHz

WIFI 802.11a (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.	
0+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		63.95	20.16	-19.84	40	39.35	11.8	1.44	32.43	-	-	P	H
		131.85	34.56	-8.94	43.5	47.63	17.4	1.99	32.46	-	-	P	H
		278.32	26.3	-19.7	46	36.99	18.8	2.89	32.38	-	-	P	H
		353.98	30.13	-15.87	46	38.68	20.56	3.31	32.42	-	-	P	H
		514.03	33.51	-12.49	46	38.17	24	3.95	32.61	-	-	P	H
		956.35	34.46	-11.54	46	28.7	31.33	5.44	31.01	-	-	P	H
													H
													H
													H
													H
													H
802.11a													H
LF		36.79	31.47	-8.53	40	41.53	21.31	1.08	32.45	-	-	P	V
		48.43	30.83	-9.17	40	47.14	14.89	1.23	32.43	-	-	P	V
		105.66	29.86	-13.64	43.5	43.63	16.87	1.84	32.48	-	-	P	V
		133.79	34.27	-9.23	43.5	47.31	17.4	2.01	32.45	-	-	P	V
		580.96	34.64	-11.36	46	36.98	26	4.18	32.52	-	-	P	V
		958.29	34.24	-11.76	46	28.41	31.37	5.45	30.99	-	-	P	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 and emission level has at least 6dB margin against limit or noise floor only.

<With High Gain Antenna>

UNII-1 INDOOR AP MODE - 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.
0+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5136.24	56.17	-17.83	74	40.65	33.23	11.9	29.61	202	145	P	H
		5148.46	47.8	-6.2	54	32.3	33.22	11.9	29.62	202	145	A	H
	*	5180	111.98	-	-	96.46	33.24	11.9	29.62	202	145	P	H
	*	5180	104.93	-	-	89.41	33.24	11.9	29.62	202	145	A	H
													H
													H
		5149.24	63.2	-10.8	74	47.7	33.22	11.9	29.62	292	0	P	V
		5150	52.69	-1.31	54	37.19	33.22	11.9	29.62	292	0	A	V
	*	5180	120.92	-	-	105.4	33.24	11.9	29.62	292	0	P	V
	*	5180	115.39	-	-	99.87	33.24	11.9	29.62	292	0	A	V
													V
													V
802.11a CH 44 5220MHz		5140.4	56.74	-17.26	74	41.22	33.23	11.9	29.61	197	142	P	H
		5148.98	47.67	-6.33	54	32.17	33.22	11.9	29.62	197	142	A	H
	*	5220	118.12	-	-	102.64	33.19	11.92	29.63	197	142	P	H
	*	5220	110.89	-	-	95.41	33.19	11.92	29.63	197	142	A	H
		5433.68	55.22	-18.78	74	39.81	32.96	12.16	29.71	197	142	P	H
		5447.68	46.43	-7.57	54	31	32.96	12.18	29.71	197	142	A	H
		5150	62.57	-11.43	74	47.07	33.22	11.9	29.62	254	0	P	V
		5150	52.47	-1.53	54	36.97	33.22	11.9	29.62	254	0	A	V
	*	5220	127.01	-	-	111.53	33.19	11.92	29.63	254	0	P	V
	*	5220	120.32	-	-	104.84	33.19	11.92	29.63	254	0	A	V
		5358.92	58.75	-15.25	74	43.36	33.02	12.07	29.7	254	0	P	V
		5351.92	49.03	-4.97	54	33.63	33.03	12.07	29.7	254	0	P	V

WIFI Ant. 0+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 48 5240MHz		5080.08	55.87	-18.13	74	40.33	33.24	11.9	29.6	196	144	P	H
		5143.78	47.14	-6.86	54	31.63	33.22	11.9	29.61	196	144	A	H
	*	5240	117.34	-	-	101.92	33.12	11.94	29.64	196	144	P	H
	*	5240	111.06	-	-	95.64	33.12	11.94	29.64	196	144	A	H
		5423.6	55.27	-18.73	74	39.86	32.97	12.15	29.71	196	144	P	H
		5454.12	46.62	-7.38	54	31.18	32.96	12.19	29.71	196	144	A	H
		5125.84	58.68	-15.32	74	43.15	33.24	11.9	29.61	201	347	P	V
		5105.56	49.08	-4.92	54	33.53	33.26	11.9	29.61	201	347	A	V
	*	5240	126.03	-	-	110.61	33.12	11.94	29.64	201	347	P	V
	*	5240	120.42	-	-	105	33.12	11.94	29.64	201	347	A	V
		5386.08	57.78	-16.22	74	42.39	32.99	12.1	29.7	201	347	P	V
		5387.76	48.68	-5.32	54	33.29	32.98	12.11	29.7	201	347	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 INDOOR AP MODE 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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	44.3	-23.9	68.2	46.8	38.67	17.18	58.35	-	-	P	H
		15540	44.19	-29.81	74	46.3	37.87	21.24	61.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 36 5180MHz													H
		10360	44.52	-23.68	68.2	47.02	38.67	17.18	58.35	-	-	P	V
		15540	45.43	-28.57	74	47.54	37.87	21.24	61.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	45.31	-22.89	68.2	47.49	38.8	17.28	58.26	-	-	P	H
		15660	43.28	-30.72	74	46.27	37.68	21.35	62.02	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz													H
		10440	45.23	-22.97	68.2	47.41	38.8	17.28	58.26	-	-	P	V
		15660	43.06	-30.94	74	46.05	37.68	21.35	62.02	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	45	-23.2	68.2	47.1	38.81	17.32	58.23	-	-	P	H
		15720	42.48	-31.52	74	45.98	37.55	21.4	62.45	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz													H
		10480	45.39	-22.81	68.2	47.49	38.81	17.32	58.23	-	-	P	V
		15720	43.3	-30.7	74	46.8	37.55	21.4	62.45	-	-	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.

UNII-1 INDOOR AP MODE 5150~5250MHz

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

WIFI Ant. 0+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)
		5000.26	55.63	-18.37	74	40.11	33.19	11.9	29.57	100	122	P	H
		5150	47.49	-6.51	54	31.99	33.22	11.9	29.62	100	122	A	H
	*	5180	109.18	-	-	93.66	33.24	11.9	29.62	100	122	P	H
	*	5180	102.19	-	-	86.67	33.24	11.9	29.62	100	122	A	H
802.11ax													H
HE20 Full													H
CH 36		5150	60.91	-13.09	74	45.41	33.22	11.9	29.62	273	0	P	V
5180MHz		5149.76	53.13	-0.87	54	37.63	33.22	11.9	29.62	273	0	A	V
	*	5180	121.63	-	-	106.11	33.24	11.9	29.62	273	0	P	V
	*	5180	113.86	-	-	98.34	33.24	11.9	29.62	273	0	A	V
													V
													V
		5121.68	56.17	-17.83	74	40.64	33.24	11.9	29.61	192	144	P	H
		5149.76	47.74	-6.26	54	32.24	33.22	11.9	29.62	192	144	A	H
	*	5220	117.43	-	-	101.95	33.19	11.92	29.63	192	144	P	H
	*	5220	109.65	-	-	94.17	33.19	11.92	29.63	192	144	A	H
802.11ax		5440.4	55.18	-18.82	74	39.76	32.96	12.17	29.71	192	144	P	H
HE20 Full		5449.64	46.02	-7.98	54	30.59	32.96	12.18	29.71	192	144	A	H
CH 44		5148.98	62.67	-11.33	74	47.17	33.22	11.9	29.62	209	354	P	V
5220MHz		5150	53.42	-0.58	54	37.92	33.22	11.9	29.62	209	354	A	V
	*	5220	125.5	-	-	110.02	33.19	11.92	29.63	209	354	P	V
	*	5220	118.34	-	-	102.86	33.19	11.92	29.63	209	354	A	V
		5350.24	57.07	-16.93	74	41.67	33.03	12.07	29.7	209	354	P	V
		5354.44	48.51	-5.49	54	33.12	33.02	12.07	29.7	209	354	A	V

WIFI Ant. 0+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 48 5240MHz		5014.04	55.66	-18.34	74	40.13	33.2	11.9	29.57	314	42	P	H
		5146.9	46.88	-7.12	54	31.37	33.22	11.9	29.61	314	42	A	H
	*	5240	113.93	-	-	98.51	33.12	11.94	29.64	314	42	P	H
	*	5240	106.31	-	-	90.89	33.12	11.94	29.64	314	42	A	H
		5411.84	54.79	-19.21	74	39.39	32.97	12.14	29.71	314	42	P	H
		5449.08	45.97	-8.03	54	30.54	32.96	12.18	29.71	314	42	A	H
		5145.34	59.67	-14.33	74	44.16	33.22	11.9	29.61	281	0	P	V
		5150	50.29	-3.71	54	34.79	33.22	11.9	29.62	281	0	A	V
	*	5240	125.5	-	-	110.08	33.12	11.94	29.64	281	0	P	V
	*	5240	118.35	-	-	102.93	33.12	11.94	29.64	281	0	A	V
		5368.16	57.83	-16.17	74	42.44	33.01	12.08	29.7	281	0	P	V
		5377.68	48.49	-5.51	54	33.09	33	12.1	29.7	281	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 INDOOR AP MODE 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.79	-23.41	68.2	47.29	38.67	17.18	58.35	-	-	P	H
		15540	44.29	-29.71	74	46.4	37.87	21.24	61.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	45.91	-22.29	68.2	48.41	38.67	17.18	58.35	-	-	P	V
5180MHz		15540	44.07	-29.93	74	46.18	37.87	21.24	61.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	45.16	-23.04	68.2	47.34	38.8	17.28	58.26	-	-	P	H
		15660	44.1	-29.9	74	47.09	37.68	21.35	62.02	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	44.28	-23.92	68.2	46.46	38.8	17.28	58.26	-	-	P	V
5220MHz		15660	44.41	-29.59	74	47.4	37.68	21.35	62.02	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	45.38	-22.82	68.2	47.48	38.81	17.32	58.23	-	-	P	H
		15720	42.96	-31.04	74	46.46	37.55	21.4	62.45	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	44.79	-23.41	68.2	46.89	38.81	17.32	58.23	-	-	P	V
5240MHz		15720	43.24	-30.76	74	46.74	37.55	21.4	62.45	-	-	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.

UNII-1 INDOOR AP MODE 5150~5250MHz

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

WIFI Ant. 0+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)
		5139.1	56.35	-17.65	74	40.83	33.23	11.9	29.61	300	309	P	H
		5149.76	47.23	-6.77	54	31.73	33.22	11.9	29.62	300	309	A	H
	*	5190	106.01	-	-	90.49	33.24	11.9	29.62	300	309	P	H
	*	5190	98.02	-	-	82.5	33.24	11.9	29.62	300	309	A	H
802.11ax		5381.32	54.89	-19.11	74	39.5	32.99	12.1	29.7	300	309	P	H
HE40 Full		5439.56	46.25	-7.75	54	30.83	32.96	12.17	29.71	300	309	A	H
CH 38		5148.98	60.25	-13.75	74	44.75	33.22	11.9	29.62	246	0	P	V
5190MHz		5150	53.18	-0.82	54	37.68	33.22	11.9	29.62	246	0	A	V
	*	5190	116.78	-	-	101.26	33.24	11.9	29.62	246	0	P	V
	*	5190	108.58	-	-	93.06	33.24	11.9	29.62	246	0	A	V
		5375.72	55.84	-18.16	74	40.45	33	12.09	29.7	246	0	P	V
		5350.24	47.4	-6.6	54	32	33.03	12.07	29.7	246	0	A	V
		5125.32	55.53	-18.47	74	40	33.24	11.9	29.61	212	115	P	H
		5148.98	47.47	-6.53	54	31.97	33.22	11.9	29.62	212	115	A	H
	*	5230	110.55	-	-	95.11	33.15	11.93	29.64	212	115	P	H
	*	5230	102.91	-	-	87.47	33.15	11.93	29.64	212	115	A	H
802.11ax		5393.08	54.86	-19.14	74	39.47	32.98	12.11	29.7	212	115	P	H
HE40 Full		5458.6	46.35	-7.65	54	30.89	32.97	12.2	29.71	212	115	A	H
CH 46		5146.12	60.29	-13.71	74	44.78	33.22	11.9	29.61	251	0	P	V
5230MHz		5149.24	52.24	-1.76	54	36.74	33.22	11.9	29.62	251	0	A	V
	*	5230	120.99	-	-	105.55	33.15	11.93	29.64	251	0	P	V
	*	5230	113.5	-	-	98.06	33.15	11.93	29.64	251	0	A	V
		5394.2	58.14	-15.86	74	42.75	32.98	12.11	29.7	251	0	P	V
		5379.92	49.14	-4.86	54	33.75	32.99	12.1	29.7	251	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 INDOOR AP MODE 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.7	-23.5	68.2	47.11	38.7	17.21	58.32	-	-	P	H
		15570	44.98	-29.02	74	47.25	37.82	21.27	61.36	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	44.23	-23.97	68.2	46.64	38.7	17.21	58.32	-	-	P	V
5190MHz		15570	44.67	-29.33	74	46.94	37.82	21.27	61.36	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	45.71	-22.49	68.2	47.83	38.82	17.3	58.24	-	-	P	H
		15690	44.82	-29.18	74	48.06	37.6	21.37	62.21	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	45.81	-22.39	68.2	47.93	38.82	17.3	58.24	-	-	P	V
5230MHz		15690	43.85	-30.15	74	47.09	37.6	21.37	62.21	-	-	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.

UNII-1 INDOOR AP MODE 5150~5250MHz

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

WIFI Ant. 0+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		5127.4	56.5	-17.5	74	40.97	33.24	11.9	29.61	215	143	P	H
		5149.5	47.63	-6.37	54	32.13	33.22	11.9	29.62	215	143	A	H
	*	5210	105.28	-	-	89.78	33.22	11.91	29.63	215	143	P	H
	*	5210	96.63	-	-	81.13	33.22	11.91	29.63	215	143	A	H
		5396.44	55.48	-18.52	74	40.09	32.97	12.12	29.7	215	143	P	H
		5459.16	45.89	-8.11	54	30.43	32.97	12.2	29.71	215	143	A	H
		5144.56	61.33	-12.67	74	45.82	33.22	11.9	29.61	245	0	P	V
		5149.5	53.39	-0.61	54	37.89	33.22	11.9	29.62	245	0	A	V
	*	5210	114.09	-	-	98.59	33.22	11.91	29.63	245	0	P	V
	*	5210	105.31	-	-	89.81	33.22	11.91	29.63	245	0	A	V
		5362	55.72	-18.28	74	40.32	33.02	12.08	29.7	245	0	P	V
		5350	46.82	-7.18	54	31.43	33.03	12.06	29.7	245	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 INDOOR AP MODE 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.6	-23.6	68.2	46.85	38.77	17.25	58.27	-	-	P	H
		15630	43.38	-30.62	74	46.16	37.72	21.32	61.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	44.68	-23.52	68.2	46.93	38.77	17.25	58.27	-	-	P	V
5210MHz		15630	43.16	-30.84	74	45.94	37.72	21.32	61.82	-	-	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.

UNII-2a - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+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		5014.62	56.85	-17.15	74	41.32	33.2	11.9	29.57	100	317	P	H
		5142.46	47.01	-6.99	54	31.49	33.23	11.9	29.61	100	317	A	H
	*	5260	110.06	-	-	94.66	33.08	11.97	29.65	100	317	P	H
	*	5260	103.39	-	-	87.99	33.08	11.97	29.65	100	317	A	H
		5396.64	55.02	-18.98	74	39.63	32.97	12.12	29.7	100	317	P	H
		5456.16	46.27	-7.73	54	30.82	32.97	12.19	29.71	100	317	A	H
		5120.7	58.97	-15.03	74	43.44	33.24	11.9	29.61	255	0	P	V
		5125.12	49.39	-4.61	54	33.86	33.24	11.9	29.61	255	0	A	V
	*	5260	125.51	-	-	110.11	33.08	11.97	29.65	255	0	P	V
	*	5260	120.02	-	-	104.62	33.08	11.97	29.65	255	0	A	V
		5411.28	58.32	-15.68	74	42.93	32.97	12.13	29.71	255	0	P	V
		5351.04	49.56	-4.44	54	34.16	33.03	12.07	29.7	255	0	A	V
802.11a CH 60 5300MHz		5076.16	55.74	-18.26	74	40.19	33.24	11.9	29.59	200	139	P	H
		5137.02	47.22	-6.78	54	31.7	33.23	11.9	29.61	200	139	A	H
	*	5300	114.76	-	-	99.39	33.03	12.01	29.67	200	139	P	H
	*	5300	108.26	-	-	92.89	33.03	12.01	29.67	200	139	A	H
		5436.48	56.17	-17.83	74	40.75	32.96	12.17	29.71	200	139	P	H
		5450.88	46.65	-7.35	54	31.21	32.96	12.19	29.71	200	139	A	H
		5149.26	60.05	-13.95	74	44.55	33.22	11.9	29.62	202	4	P	V
		5147.9	48.84	-5.16	54	33.34	33.22	11.9	29.62	202	4	A	V
	*	5300	124.82	-	-	109.45	33.03	12.01	29.67	202	4	P	V
	*	5300	118.42	-	-	103.05	33.03	12.01	29.67	202	4	A	V
		5350.32	60.55	-13.45	74	45.15	33.03	12.07	29.7	202	4	P	V
		5350.32	53.5	-0.5	54	38.1	33.03	12.07	29.7	202	4	A	V

WIFI Ant. 0+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 64 5320MHz	*	5320	110.94	-	-	95.56	33.03	12.03	29.68	202	139	P	H
	*	5320	104.19	-	-	88.81	33.03	12.03	29.68	202	139	A	H
		5412.64	55.69	-18.31	74	40.29	32.97	12.14	29.71	202	139	P	H
		5444.8	46.64	-7.36	54	31.21	32.96	12.18	29.71	202	139	A	H
													H
													H
	*	5320	122.35	-	-	106.97	33.03	12.03	29.68	251	0	P	V
	*	5320	115.48	-	-	100.1	33.03	12.03	29.68	251	0	A	V
		5355.2	60.51	-13.49	74	45.12	33.02	12.07	29.7	251	0	P	V
		5350.4	53.35	-0.65	54	37.95	33.03	12.07	29.7	251	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2a 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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	45.69	-22.51	68.2	47.7	38.87	17.35	58.23	-	-	P	H
		15780	41.92	-32.08	74	45.91	37.45	21.44	62.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	45.54	-22.66	68.2	47.55	38.87	17.35	58.23	-	-	P	V
		15780	43.81	-30.19	74	47.8	37.45	21.44	62.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	44.88	-29.12	74	46.88	38.98	17.39	58.37	-	-	P	H
		15900	42.33	-31.67	74	45.74	37.52	21.54	62.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz													H
		10600	44.65	-29.35	74	46.65	38.98	17.39	58.37	-	-	P	V
		15900	42.43	-31.57	74	45.84	37.52	21.54	62.47	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	45	-29	74	47.15	38.95	17.4	58.5	-	-	P	H
		15960	42.66	-31.34	74	46.03	37.69	21.57	62.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz													H
		10640	45.1	-28.9	74	47.25	38.95	17.4	58.5	-	-	P	V
		15960	42.91	-31.09	74	46.28	37.69	21.57	62.63	-	-	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.

UNII-2a 5250~5350MHz

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

WIFI Ant. 0+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)
		5004.08	55.59	-18.41	74	40.07	33.19	11.9	29.57	210	142	P	H
		5131.58	46.69	-7.31	54	31.17	33.23	11.9	29.61	210	142	A	H
	*	5260	117.71	-	-	102.31	33.08	11.97	29.65	210	142	P	H
	*	5260	110.08	-	-	94.68	33.08	11.97	29.65	210	142	A	H
802.11ax		5440.08	55.48	-18.52	74	40.06	32.96	12.17	29.71	210	142	P	H
HE20 Full		5445.12	45.93	-8.07	54	30.5	32.96	12.18	29.71	210	142	A	H
CH 52		5122.4	57.57	-16.43	74	42.04	33.24	11.9	29.61	258	0	P	V
5260MHz		5127.16	48.84	-5.16	54	33.31	33.24	11.9	29.61	258	0	A	V
	*	5260	125.07	-	-	109.67	33.08	11.97	29.65	258	0	P	V
	*	5260	117.67	-	-	102.27	33.08	11.97	29.65	258	0	A	V
		5398.8	60.12	-13.88	74	44.73	32.97	12.12	29.7	258	0	P	V
		5350.8	49.68	-4.32	54	34.28	33.03	12.07	29.7	258	0	A	V
		5014.28	55.64	-18.36	74	40.11	33.2	11.9	29.57	211	142	P	H
		5145.18	46.72	-7.28	54	31.21	33.22	11.9	29.61	211	142	A	H
	*	5300	115.45	-	-	100.08	33.03	12.01	29.67	211	142	P	H
	*	5300	107.54	-	-	92.17	33.03	12.01	29.67	211	142	A	H
802.11ax		5351.28	56.27	-17.73	74	40.87	33.03	12.07	29.7	211	142	P	H
HE20 Full		5350.32	47.06	-6.94	54	31.66	33.03	12.07	29.7	211	142	A	H
CH 60		5148.58	56.93	-17.07	74	41.43	33.22	11.9	29.62	258	6	P	V
5300MHz		5149.94	48.7	-5.3	54	33.2	33.22	11.9	29.62	258	6	A	V
	*	5300	125.01	-	-	109.64	33.03	12.01	29.67	258	6	P	V
	*	5300	116.29	-	-	100.92	33.03	12.01	29.67	258	6	A	V
		5350.8	63.71	-10.29	74	48.31	33.03	12.07	29.7	258	6	P	V
		5350.56	53.46	-0.54	54	38.06	33.03	12.07	29.7	258	6	A	V

	*	5320	112.68	-	-	97.3	33.03	12.03	29.68	209	140	P	H
	*	5320	103.3	-	-	87.92	33.03	12.03	29.68	209	140	A	H
		5459.2	55.95	-18.05	74	40.49	32.97	12.2	29.71	209	140	P	H
		5350.08	46.24	-7.76	54	30.84	33.03	12.07	29.7	209	140	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	120.96	-	-	105.58	33.03	12.03	29.68	245	357	P	V
5320MHz	*	5320	113.94	-	-	98.56	33.03	12.03	29.68	245	357	A	V
		5350.56	60.84	-13.16	74	45.44	33.03	12.07	29.7	245	357	P	V
		5350.08	52.06	-1.94	54	36.66	33.03	12.07	29.7	245	357	A	V
													V
													V

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

UNII-2a 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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	45.57	-22.63	68.2	47.58	38.87	17.35	58.23	-	-	P	H
		15780	42.93	-31.07	74	46.92	37.45	21.44	62.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	45.44	-22.76	68.2	47.45	38.87	17.35	58.23	-	-	P	V
5260MHz		15780	42.91	-31.09	74	46.9	37.45	21.44	62.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	44.78	-29.22	74	46.78	38.98	17.39	58.37	-	-	P	H
		15900	42.97	-31.03	74	46.38	37.52	21.54	62.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	45.17	-28.83	74	47.17	38.98	17.39	58.37	-	-	P	V
5300MHz		15900	43.43	-30.57	74	46.84	37.52	21.54	62.47	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	44.1	-29.9	74	46.25	38.95	17.4	58.5	-	-	P	H
		15960	43.06	-30.94	74	46.43	37.69	21.57	62.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	44.62	-29.38	74	46.77	38.95	17.4	58.5	-	-	P	V
5320MHz		15960	43.83	-30.17	74	47.2	37.69	21.57	62.63	-	-	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.

UNII-2a 5250~5350MHz

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

WIFI Ant. 0+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)
		5110.5	55.99	-18.01	74	40.45	33.25	11.9	29.61	210	141	P	H
		5141.44	46.73	-7.27	54	31.21	33.23	11.9	29.61	210	141	A	H
	*	5270	111.86	-	-	96.47	33.07	11.98	29.66	210	141	P	H
	*	5270	103.58	-	-	88.19	33.07	11.98	29.66	210	141	A	H
802.11ax		5426.16	56.84	-17.16	74	41.44	32.96	12.15	29.71	210	141	P	H
HE40 Full		5350.56	46.76	-7.24	54	31.36	33.03	12.07	29.7	210	141	A	H
CH 54		5123.08	57.94	-16.06	74	42.41	33.24	11.9	29.61	247	358	P	V
5270MHz		5131.24	49.61	-4.39	54	34.08	33.24	11.9	29.61	247	358	A	V
	*	5270	122.43	-	-	107.04	33.07	11.98	29.66	247	358	P	V
	*	5270	113.25	-	-	97.86	33.07	11.98	29.66	247	358	A	V
		5350.8	61.25	-12.75	74	45.85	33.03	12.07	29.7	247	358	P	V
		5350.32	53.1	-0.9	54	37.7	33.03	12.07	29.7	247	358	A	V
		5104.38	56.58	-17.42	74	41.03	33.26	11.9	29.61	211	141	P	H
		5147.56	46.6	-7.4	54	31.1	33.22	11.9	29.62	211	141	A	H
	*	5310	108.48	-	-	93.11	33.03	12.02	29.68	211	141	P	H
	*	5310	99.69	-	-	84.32	33.03	12.02	29.68	211	141	A	H
802.11ax		5350.8	56.3	-17.7	74	40.9	33.03	12.07	29.7	211	141	P	H
HE40 Full		5350.08	46.75	-7.25	54	31.35	33.03	12.07	29.7	211	141	A	H
CH 62		5128.18	56.43	-17.57	74	40.9	33.24	11.9	29.61	248	6	P	V
5310MHz		5149.26	48.12	-5.88	54	32.62	33.22	11.9	29.62	248	6	A	V
	*	5310	117.36	-	-	101.99	33.03	12.02	29.68	248	6	P	V
	*	5310	108.73	-	-	93.36	33.03	12.02	29.68	248	6	A	V
		5352.24	61.13	-12.87	74	45.73	33.03	12.07	29.7	248	6	P	V
		5350.08	52.77	-1.23	54	37.37	33.03	12.07	29.7	248	6	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2a 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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	45.36	-22.84	68.2	47.3	38.94	17.36	58.24	-	-	P	H
		15810	42.4	-31.6	74	46.41	37.43	21.46	62.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	45.45	-22.75	68.2	47.39	38.94	17.36	58.24	-	-	P	V
5270MHz		15810	42.19	-31.81	74	46.2	37.43	21.46	62.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	45.55	-28.45	74	47.63	38.96	17.39	58.43	-	-	P	H
		15930	42.13	-31.87	74	45.56	37.63	21.55	62.61	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	44.88	-29.12	74	46.96	38.96	17.39	58.43	-	-	P	V
5310MHz		15930	42.33	-31.67	74	45.76	37.63	21.55	62.61	-	-	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.

UNII-2a 5250~5350MHz

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

WIFI Ant. 0+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		5004.76	55.32	-18.68	74	39.8	33.19	11.9	29.57	221	142	P	H
		5146.2	46.61	-7.39	54	31.1	33.22	11.9	29.61	221	142	A	H
	*	5290	105.56	-	-	90.19	33.04	12	29.67	221	142	P	H
	*	5290	96.11	-	-	80.74	33.04	12	29.67	221	142	A	H
		5363.28	55.63	-18.37	74	40.24	33.01	12.08	29.7	221	142	P	H
		5352.72	46.62	-7.38	54	31.22	33.03	12.07	29.7	221	142	A	H
		5139.4	57.89	-16.11	74	42.37	33.23	11.9	29.61	253	357	P	V
		5149.94	48.63	-5.37	54	33.13	33.22	11.9	29.62	253	357	A	V
	*	5290	115.48	-	-	100.11	33.04	12	29.67	253	357	P	V
	*	5290	106.37	-	-	91	33.04	12	29.67	253	357	A	V
		5350.08	61.92	-12.08	74	46.52	33.03	12.07	29.7	253	357	P	V
		5350.8	53.06	-0.94	54	37.66	33.03	12.07	29.7	253	357	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2a 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.7	-23.5	68.2	46.66	38.98	17.38	58.32	-	-	P	H
		15870	42.77	-31.23	74	46.29	37.49	21.51	62.52	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	45.28	-22.92	68.2	47.24	38.98	17.38	58.32	-	-	P	V
5290MHz		15870	43.43	-30.57	74	46.95	37.49	21.51	62.52	-	-	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.

UNII-2c - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+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		5454.32	55.63	-18.37	74	40.18	32.97	12.19	29.71	183	352	P	H
		5467.28	56.89	-11.31	68.2	41.41	32.98	12.21	29.71	183	352	P	H
		5458.48	46.96	-7.04	54	31.5	32.97	12.2	29.71	183	352	A	H
	*	5500	112.9	-	-	97.33	33.02	12.25	29.7	183	352	P	H
	*	5500	106.66	-	-	91.09	33.02	12.25	29.7	183	352	A	H
													H
		5459.76	64.55	-9.45	74	49.09	32.97	12.2	29.71	258	9	P	V
		5464.72	64.48	-3.72	68.2	49.01	32.98	12.2	29.71	258	9	P	V
		5460	51.8	-2.2	54	36.34	32.97	12.2	29.71	258	9	A	V
	*	5500	121.53	-	-	105.96	33.02	12.25	29.7	258	9	P	V
	*	5500	115.98	-	-	100.41	33.02	12.25	29.7	258	9	A	V
													V
802.11a CH 116 5580MHz		5443.36	57.18	-16.82	74	41.75	32.96	12.18	29.71	202	347	P	H
		5466.16	55.18	-13.02	68.2	39.7	32.98	12.21	29.71	202	347	P	H
		5450.08	47.06	-6.94	54	31.62	32.96	12.19	29.71	202	347	A	H
	*	5580	121.58	-	-	105.76	33.19	12.35	29.72	202	347	P	H
	*	5580	114.95	-	-	99.13	33.19	12.35	29.72	202	347	A	H
		5739.485	56.81	-11.39	68.2	40.22	33.72	12.56	29.69	202	347	P	H
		5414.56	58.35	-15.65	74	42.95	32.97	12.14	29.71	228	0	P	V
		5460.4	57.33	-10.87	68.2	41.87	32.97	12.2	29.71	228	0	P	V
		5455.36	49.12	-4.88	54	33.67	32.97	12.19	29.71	228	0	A	V
	*	5580	126.01	-	-	110.19	33.19	12.35	29.72	228	0	P	V
	*	5580	120.12	-	-	104.3	33.19	12.35	29.72	228	0	A	V
		5730.665	58.03	-10.17	68.2	41.51	33.66	12.55	29.69	228	0	P	V

WIFI Ant. 0+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 140 5700MHz	*	5700	115.48	-	-	99.22	33.45	12.51	29.7	199	349	P	H
	*	5700	109.22	-	-	92.96	33.45	12.51	29.7	199	349	A	H
		5728.84	58.67	-9.53	68.2	42.17	33.65	12.55	29.7	199	349	P	H
													H
													H
													H
	*	5700	122.54	-	-	106.28	33.45	12.51	29.7	197	358	P	V
	*	5700	115.85	-	-	99.59	33.45	12.51	29.7	197	358	A	V
		5727.08	66.36	-1.84	68.2	49.88	33.63	12.55	29.7	197	358	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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	43.88	-30.12	74	47.05	38.66	17.66	59.49	-	-	P	H
		16500	43.58	-24.62	68.2	43.63	38.15	21.96	60.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 100 5500MHz													H
		11000	43.72	-30.28	74	46.89	38.66	17.66	59.49	-	-	P	V
		16500	44.11	-24.09	68.2	44.16	38.15	21.96	60.16	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	44.22	-29.78	74	47.03	38.75	17.8	59.36	-	-	P	H
		16740	44.5	-23.7	68.2	45.08	37.71	22.12	60.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	45.32	-28.68	74	48.13	38.75	17.8	59.36	-	-	P	V
		16740	44.76	-23.44	68.2	45.34	37.71	22.12	60.41	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	45.14	-28.86	74	47.41	39.08	18.02	59.37	-	-	P	H
		17100	43.47	-24.73	68.2	43.14	37.35	22.54	59.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	44.64	-29.36	74	46.91	39.08	18.02	59.37	-	-	P	V
		17100	43.55	-24.65	68.2	43.22	37.35	22.54	59.56	-	-	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.

UNII-2c - 5470~5725MHz

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

WIFI Ant. 0+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)
		5453.52	56.18	-17.82	74	40.74	32.96	12.19	29.71	189	347	P	H
		5469.68	58.49	-9.71	68.2	43.01	32.98	12.21	29.71	189	347	P	H
		5460	47.34	-6.66	54	31.88	32.97	12.2	29.71	189	347	A	H
	*	5500	114.14	-	-	98.57	33.02	12.25	29.7	189	347	P	H
802.11ax	*	5500	105.88	-	-	90.31	33.02	12.25	29.7	189	347	A	H
HE20 Full		5455.92	60.86	-13.14	74	45.41	32.97	12.19	29.71	263	0	P	V
CH 100		5469.2	64.78	-3.42	68.2	49.3	32.98	12.21	29.71	263	0	P	V
5500MHz		5459.92	52.38	-1.62	54	36.92	32.97	12.2	29.71	263	0	A	V
	*	5500	121.99	-	-	106.42	33.02	12.25	29.7	263	0	P	V
	*	5500	113.91	-	-	98.34	33.02	12.25	29.7	263	0	A	V
													V
													V
		5422.48	56.77	-17.23	74	41.36	32.97	12.15	29.71	227	350	P	H
		5469.52	56.33	-11.87	68.2	40.85	32.98	12.21	29.71	227	350	P	H
		5456.8	46.55	-7.45	54	31.1	32.97	12.19	29.71	227	350	A	H
	*	5580	120.09	-	-	104.27	33.19	12.35	29.72	227	350	P	H
802.11ax	*	5580	111.89	-	-	96.07	33.19	12.35	29.72	227	350	A	H
HE20 Full		5739.8	56.85	-11.35	68.2	40.26	33.72	12.56	29.69	227	350	P	H
CH 116		5459.2	59.44	-14.56	74	43.98	32.97	12.2	29.71	251	7	P	V
5580MHz		5464	58.31	-9.89	68.2	42.84	32.98	12.2	29.71	251	7	P	V
		5444.56	49.4	-4.6	54	33.97	32.96	12.18	29.71	251	7	A	V
	*	5580	125.96	-	-	110.14	33.19	12.35	29.72	251	7	P	V
	*	5580	117.7	-	-	101.88	33.19	12.35	29.72	251	7	A	V
		5727.83	58.5	-9.7	68.2	42.01	33.64	12.55	29.7	251	7	P	V

	*	5700	114.62	-	-	98.36	33.45	12.51	29.7	200	348	P	H
	*	5700	106.36	-	-	90.1	33.45	12.51	29.7	200	348	A	H
		5725.08	62.41	-5.79	68.2	45.95	33.62	12.54	29.7	200	348	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	121.03	-	-	104.77	33.45	12.51	29.7	243	0	P	V
5700MHz	*	5700	113.65	-	-	97.39	33.45	12.51	29.7	243	0	A	V
		5725.08	68.01	-0.19	68.2	51.55	33.62	12.54	29.7	243	0	P	V
													V
													V
													V

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

UNII-2c 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 0+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	44.04	-29.96	74	47.21	38.66	17.66	59.49	-	-	P	H
		16500	44.26	-23.94	68.2	44.31	38.15	21.96	60.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	44.63	-29.37	74	47.8	38.66	17.66	59.49	-	-	P	V
5500MHz		16500	44.06	-24.14	68.2	44.11	38.15	21.96	60.16	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	44.69	-29.31	74	47.5	38.75	17.8	59.36	-	-	P	H
		16740	43.51	-24.69	68.2	44.09	37.71	22.12	60.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	44.92	-29.08	74	47.73	38.75	17.8	59.36	-	-	P	V
5580MHz		16740	43.93	-24.27	68.2	44.51	37.71	22.12	60.41	-	-	P	V
													V
													V
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													V
													V

WIFI Ant. 0+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	45.32	-28.68	74	47.59	39.08	18.02	59.37	-	-	P	H
		17100	43.64	-24.56	68.2	43.31	37.35	22.54	59.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	45.35	-28.65	74	47.62	39.08	18.02	59.37	-	-	P	V
5700MHz		17100	43.76	-24.44	68.2	43.43	37.35	22.54	59.56	-	-	P	V
													V
													V
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													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.

UNII-2c 5470~5725MHz

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

WIFI Ant. 0+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)
		5458.96	57.41	-16.59	74	41.95	32.97	12.2	29.71	202	346	P	H
		5468.56	60.72	-7.48	68.2	45.24	32.98	12.21	29.71	202	346	P	H
		5459.2	47.7	-6.3	54	32.24	32.97	12.2	29.71	202	346	A	H
	*	5510	110.18	-	-	94.58	33.04	12.26	29.7	202	346	P	H
802.11ax	*	5510	101.54	-	-	85.94	33.04	12.26	29.7	202	346	A	H
HE40 Full		5763.74	55.32	-12.88	68.2	38.53	33.89	12.59	29.69	202	346	P	H
CH 102		5459.2	61.73	-12.27	74	46.27	32.97	12.2	29.71	236	20	P	V
5510MHz		5469.28	66.93	-1.27	68.2	51.45	32.98	12.21	29.71	236	20	P	V
		5459.92	53.28	-0.72	54	37.82	32.97	12.2	29.71	236	20	A	V
	*	5510	117.33	-	-	101.73	33.04	12.26	29.7	236	20	P	V
	*	5510	108.82	-	-	93.22	33.04	12.26	29.7	236	20	A	V
		5753.345	56.74	-11.46	68.2	40.04	33.81	12.58	29.69	236	20	P	V
		5456.8	57.81	-16.19	74	42.36	32.97	12.19	29.71	205	347	P	H
		5468.8	58.81	-9.39	68.2	43.33	32.98	12.21	29.71	205	347	P	H
		5459.2	47.63	-6.37	54	32.17	32.97	12.2	29.71	205	347	A	H
	*	5550	114.85	-	-	99.1	33.12	12.32	29.69	205	347	P	H
802.11ax	*	5550	106.59	-	-	90.84	33.12	12.32	29.69	205	347	A	H
HE40 Full		5754.605	54.99	-13.21	68.2	38.28	33.82	12.58	29.69	205	347	P	H
CH 110		5457.52	61.5	-12.5	74	46.05	32.97	12.19	29.71	243	15	P	V
5550MHz		5464.96	64.14	-4.06	68.2	48.67	32.98	12.2	29.71	243	15	P	V
		5459.92	52.27	-1.73	54	36.81	32.97	12.2	29.71	243	15	A	V
	*	5550	122.89	-	-	107.14	33.12	12.32	29.69	243	15	P	V
	*	5550	112.99	-	-	97.24	33.12	12.32	29.69	243	15	A	V
		5733.185	57.05	-11.15	68.2	40.51	33.68	12.55	29.69	243	15	P	V

WIFI Ant. 0+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)
		5399	54.8	-19.2	74	39.41	32.97	12.12	29.7	151	0	P	H
		5462.35	54.92	-13.28	68.2	39.46	32.97	12.2	29.71	151	0	P	H
		5459.55	45.96	-8.04	54	30.5	32.97	12.2	29.71	151	0	A	H
	*	5670	112.01	-	-	95.92	33.33	12.47	29.71	151	0	P	H
802.11ax	*	5670	103.69	-	-	87.6	33.33	12.47	29.71	151	0	A	H
HE40 Full		5726.15	59.22	-8.98	68.2	42.75	33.63	12.54	29.7	151	0	P	H
CH 134		5437.5	55.79	-18.21	74	40.37	32.96	12.17	29.71	231	0	P	V
5670MHz		5468.65	54.61	-13.59	68.2	39.13	32.98	12.21	29.71	231	0	P	V
		5455.7	46.48	-7.52	54	31.03	32.97	12.19	29.71	231	0	A	V
	*	5670	117.92	-	-	101.83	33.33	12.47	29.71	231	0	P	V
	*	5670	108.52	-	-	92.43	33.33	12.47	29.71	231	0	A	V
		5726.5	64.07	-4.13	68.2	47.6	33.63	12.54	29.7	231	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.22	-29.78	74	47.37	38.65	17.68	59.48	-	-	P	H
		16530	44.63	-23.57	68.2	44.77	38.2	21.98	60.32	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	44.27	-29.73	74	47.42	38.65	17.68	59.48	-	-	P	V
5510MHz		16530	45.08	-23.12	68.2	45.22	38.2	21.98	60.32	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	43.71	-30.29	74	46.56	38.79	17.75	59.39	-	-	P	H
		16650	43.92	-24.28	68.2	44.13	38.07	22.06	60.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	44.4	-29.6	74	47.25	38.79	17.75	59.39	-	-	P	V
5550MHz		16650	44.92	-23.28	68.2	45.13	38.07	22.06	60.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	44.92	-29.08	74	46.9	39.12	17.97	59.07	-	-	P	H
		17010	43.74	-24.46	68.2	43.76	37.39	22.42	59.83	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	45.14	-28.86	74	47.12	39.12	17.97	59.07	-	-	P	V
5670MHz		17010	42.71	-25.49	68.2	42.73	37.39	22.42	59.83	-	-	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.

UNII-2c 5470~5725MHz

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

WIFI Ant. 0+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)
		5459.92	56.11	-17.89	74	40.65	32.97	12.2	29.71	200	348	P	H
		5463.76	59.07	-9.13	68.2	43.6	32.98	12.2	29.71	200	348	P	H
		5459.92	47.98	-6.02	54	32.52	32.97	12.2	29.71	200	348	A	H
	*	5530	103.92	-	-	88.24	33.08	12.29	29.69	200	348	P	H
802.11ax	*	5530	94.74	-	-	79.06	33.08	12.29	29.69	200	348	A	H
HE80 Full		5752.715	54.6	-13.6	68.2	37.9	33.81	12.58	29.69	200	348	P	H
CH 106		5455.36	62.99	-11.01	74	47.54	32.97	12.19	29.71	237	21	P	V
5530MHz		5462.56	63.72	-4.48	68.2	48.25	32.98	12.2	29.71	237	21	P	V
		5458.72	53.41	-0.59	54	37.95	32.97	12.2	29.71	237	21	A	V
	*	5530	111.14	-	-	95.46	33.08	12.29	29.69	237	21	P	V
	*	5530	102.21	-	-	86.53	33.08	12.29	29.69	237	21	A	V
		5750.51	56.44	-11.76	68.2	39.76	33.79	12.58	29.69	237	21	P	V
		5458.85	55.68	-18.32	74	40.22	32.97	12.2	29.71	137	360	P	H
		5466.55	56.42	-11.78	68.2	40.94	32.98	12.21	29.71	137	360	P	H
		5459.9	46.99	-7.01	54	31.53	32.97	12.2	29.71	137	360	A	H
	*	5610	109.17	-	-	93.28	33.23	12.39	29.73	137	360	P	H
802.11ax	*	5610	101.34	-	-	85.45	33.23	12.39	29.73	137	360	A	H
HE80 Full		5729.3	62.68	-5.52	68.2	46.17	33.65	12.55	29.69	137	360	P	H
CH 122		5457.8	58.81	-15.19	74	43.35	32.97	12.2	29.71	117	20	P	V
5610MHz		5469	59.82	-8.38	68.2	44.34	32.98	12.21	29.71	117	20	P	V
		5459.9	50.02	-3.98	54	34.56	32.97	12.2	29.71	117	20	A	V
	*	5610	116.19	-	-	100.3	33.23	12.39	29.73	117	20	P	V
	*	5610	107.08	-	-	91.19	33.23	12.39	29.73	117	20	A	V
		5735.775	66.87	-1.33	68.2	50.31	33.69	12.56	29.69	117	20	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.42	-29.58	74	47.5	38.66	17.71	59.45	-	-	P	H
		16590	45.07	-23.13	68.2	45.25	38.2	22.02	60.4	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	45.53	-28.47	74	48.61	38.66	17.71	59.45	-	-	P	V
5530MHz		16590	43.74	-24.46	68.2	43.92	38.2	22.02	60.4	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+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	44.55	-29.45	74	47.16	38.79	17.86	59.26	-	-	P	H
		16830	43.02	-25.18	68.2	43.98	37.23	22.2	60.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	45.67	-28.33	74	48.28	38.79	17.86	59.26	-	-	P	V
5610MHz		16830	42.78	-25.42	68.2	43.74	37.23	22.2	60.39	-	-	P	V
													V
													V
													V
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													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.

UNII-2c - 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.	
0+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5455.69	55.52	-18.48	74	40.07	32.97	12.19	29.71	200	350	P	H
		5468.56	53.43	-14.77	68.2	37.95	32.98	12.21	29.71	200	350	P	H
		5459.2	46.4	-7.6	54	30.94	32.97	12.2	29.71	200	350	A	H
	*	5720	121.02	-	-	104.59	33.59	12.54	29.7	200	350	P	H
	*	5720	114.64	-	-	98.21	33.59	12.54	29.7	200	350	A	H
		5862.9	57.21	-10.99	68.2	39.96	34.23	12.71	29.69	200	350	P	H
		5449.06	55.11	-18.89	74	39.68	32.96	12.18	29.71	231	0	P	V
		5460.76	55.26	-12.94	68.2	39.8	32.97	12.2	29.71	231	0	P	V
		5459.2	47.08	-6.92	54	31.62	32.97	12.2	29.71	231	0	A	V
	*	5720	125.38	-	-	108.95	33.59	12.54	29.7	231	0	P	V
	*	5720	119.91	-	-	103.48	33.59	12.54	29.7	231	0	A	V
		5859.26	59.52	-8.68	68.2	42.27	34.23	12.71	29.69	231	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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		11440	44.69	-29.31	74	47.24	39.07	18.06	59.68	-	-	P	H
		17160	43.63	-24.57	68.2	43.31	37.24	22.57	59.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	45.1	-28.9	74	47.65	39.07	18.06	59.68	-	-	P	V
		17160	44.1	-24.1	68.2	43.78	37.24	22.57	59.49	-	-	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.

UNII-2c - Straddle Channel

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

WIFI Ant. 0+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		5438.53	54.41	-19.59	74	38.99	32.96	12.17	29.71	201	349	P	H
		5470	53.84	-14.36	68.2	38.36	32.98	12.21	29.71	201	349	P	H
		5457.64	46.06	-7.94	54	30.61	32.97	12.19	29.71	201	349	A	H
	*	5720	119.05	-	-	102.62	33.59	12.54	29.7	201	349	P	H
	*	5720	111.9	-	-	95.47	33.59	12.54	29.7	201	349	A	H
		5853.02	58.2	-10	68.2	40.96	34.23	12.7	29.69	201	349	P	H
		5380.81	55.94	-18.06	74	40.55	32.99	12.1	29.7	231	0	P	V
		5460.76	54.68	-13.52	68.2	39.22	32.97	12.2	29.71	231	0	P	V
		5459.98	46.6	-7.4	54	31.14	32.97	12.2	29.71	231	0	A	V
	*	5720	124.56	-	-	108.13	33.59	12.54	29.7	231	0	P	V
	*	5720	117.37	-	-	100.94	33.59	12.54	29.7	231	0	A	V
		5859.52	59.34	-8.86	68.2	42.09	34.23	12.71	29.69	231	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.63	-29.37	74	47.18	39.07	18.06	59.68	-	-	P	H
		17160	43.79	-24.41	68.2	43.47	37.24	22.57	59.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	44.82	-29.18	74	47.37	39.07	18.06	59.68	-	-	P	V
5720MHz		17160	44.25	-23.95	68.2	43.93	37.24	22.57	59.49	-	-	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.

UNII-2c - Straddle Channel

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

WIFI Ant. 0+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		5390.56	54.77	-19.23	74	39.38	32.98	12.11	29.7	156	0	P	H
		5460.76	54.19	-14.01	68.2	38.73	32.97	12.2	29.71	156	0	P	H
		5456.86	46.04	-7.96	54	30.59	32.97	12.19	29.71	156	0	A	H
	*	5710	117.42	-	-	101.08	33.52	12.52	29.7	156	0	P	H
	*	5710	108.52	-	-	92.18	33.52	12.52	29.7	156	0	A	H
		5854.58	59.41	-8.79	68.2	42.17	34.23	12.7	29.69	156	0	P	H
		5397.58	55.08	-18.92	74	39.69	32.97	12.12	29.7	244	0	P	V
		5469.73	55.82	-12.38	68.2	40.34	32.98	12.21	29.71	244	0	P	V
		5459.98	46.6	-7.4	54	31.14	32.97	12.2	29.71	244	0	A	V
	*	5710	122.08	-	-	105.74	33.52	12.52	29.7	244	0	P	V
	*	5710	113.58	-	-	97.24	33.52	12.52	29.7	244	0	A	V
		5857.44	65.58	-2.62	68.2	48.34	34.23	12.7	29.69	244	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.48	-29.52	74	46.89	39.08	18.04	59.53	-	-	P	H
		17130	43.19	-25.01	68.2	42.97	37.25	22.55	59.58	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	44.89	-29.11	74	47.3	39.08	18.04	59.53	-	-	P	V
5710MHz		17130	43.39	-24.81	68.2	43.17	37.25	22.55	59.58	-	-	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.

UNII-2c Straddle Channel

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

WIFI Ant. 0+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)
		5424.49	55.33	-18.67	74	39.92	32.97	12.15	29.71	200	336	P	H
		5462.71	54.57	-13.63	68.2	39.1	32.98	12.2	29.71	200	336	P	H
		5459.2	45.74	-8.26	54	30.28	32.97	12.2	29.71	200	336	A	H
	*	5690	112.1	-	-	95.89	33.41	12.5	29.7	200	336	P	H
802.11ax	*	5690	101.42	-	-	85.21	33.41	12.5	29.7	200	336	A	H
HE80 Full		5850.42	61.2	-7	68.2	43.96	34.23	12.7	29.69	200	336	P	H
CH 138		5440.48	56.07	-17.93	74	40.65	32.96	12.17	29.71	241	0	P	V
5690MHz		5463.1	55.36	-12.84	68.2	39.89	32.98	12.2	29.71	241	0	P	V
		5459.59	47.77	-6.23	54	32.31	32.97	12.2	29.71	241	0	A	V
	*	5690	117.13	-	-	100.92	33.41	12.5	29.7	241	0	P	V
	*	5690	108.66	-	-	92.45	33.41	12.5	29.7	241	0	A	V
		5852.76	67.88	-0.32	68.2	50.64	34.23	12.7	29.69	241	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2c - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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	45.29	-28.71	74	47.44	39.1	18.01	59.26	-	-	P	H
		17070	43.23	-24.97	68.2	43	37.33	22.5	59.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	45.31	-28.69	74	47.46	39.1	18.01	59.26	-	-	P	V
5690MHz		17070	43.85	-24.35	68.2	43.62	37.33	22.5	59.6	-	-	P	V
													V
													V
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													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 HE20 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.	
0+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full SHF		39285.49	44.79	-9.21	54	26.79	44.96	25.78	52.74	-	-	P	H
		39285.49	56.36	-17.64	74	38.36	44.96	25.78	52.74	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39257.47	56.56	-17.44	74	38.5	45	25.76	52.7	-	-	P	V
		39257.47	44.63	-9.37	54	26.57	45	25.76	52.7	-	-	A	V
													V
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													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 below 1GHz

WIFI 802.11ax HE20 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.	
0+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full LF		134.76	36.26	-7.24	43.5	49.22	17.48	2.01	32.45	-	-	P	H
		144.46	33.2	-10.3	43.5	46.12	17.4	2.1	32.42	-	-	P	H
		238.55	27.03	-18.97	46	39.6	17.23	2.68	32.48	-	-	P	H
		344.28	29.44	-16.56	46	38.36	20.29	3.24	32.45	-	-	P	H
		600.36	33.25	-12.75	46	35.66	25.9	4.24	32.55	-	-	P	H
		948.59	34.28	-11.72	46	28.78	31.19	5.41	31.1	-	-	P	H
		134.76	36.26	-7.24	43.5	49.22	17.48	2.01	32.45	-	-	P	H
													H
													H
													H
													H
													H
		42.61	31.42	-8.58	40	44.72	17.99	1.15	32.44	-	-	P	V
		115.36	33.83	-9.67	43.5	47.04	17.4	1.86	32.47	-	-	P	V
		136.7	32.49	-11.01	43.5	45.4	17.5	2.04	32.45	-	-	P	V
		276.38	28.91	-17.09	46	39.61	18.8	2.88	32.38	-	-	P	V
		578.05	36.11	-9.89	46	38.41	26.04	4.17	32.51	-	-	P	V
		950.53	33.71	-12.29	46	28.07	31.3	5.41	31.07	-	-	P	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 and emission level has at least 6dB margin against limit or noise floor only.

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **Margin** 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.	
0+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 D. Radiated Spurious Emission Plots

Test Engineer :	Thinh Hoang , Fu Chen and Jin Peng	**Temperature :**	20.1~22.7°C
		Relative Humidity :	51.1~63.4%

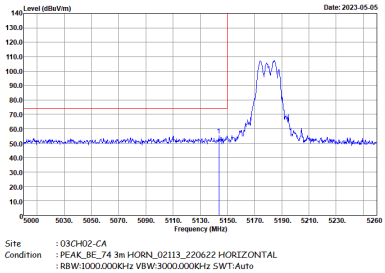
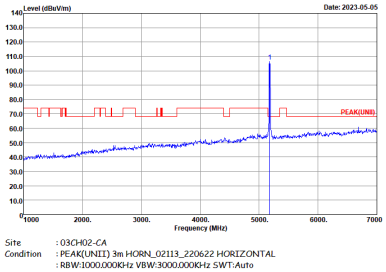
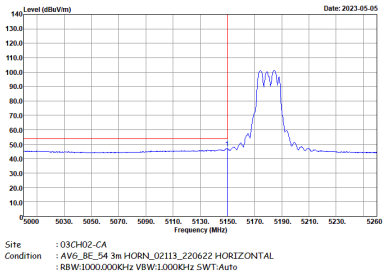
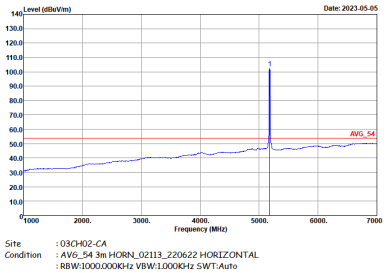
Note symbol

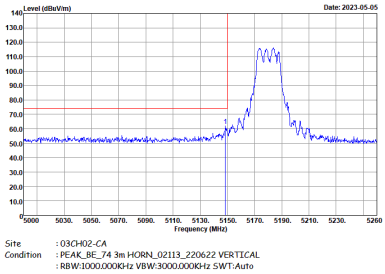
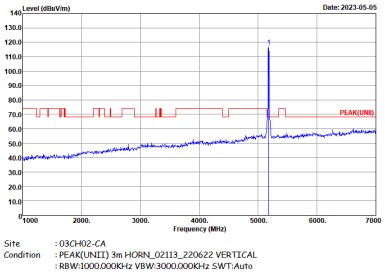
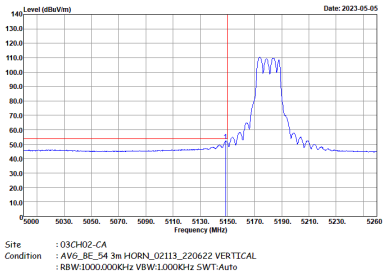
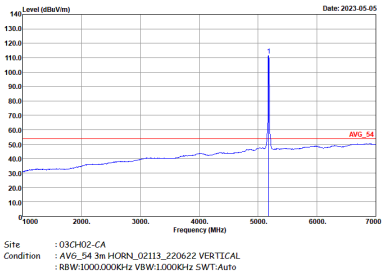
-L	**Low channel location**
-R	**High channel location**

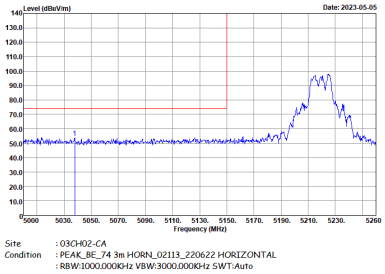
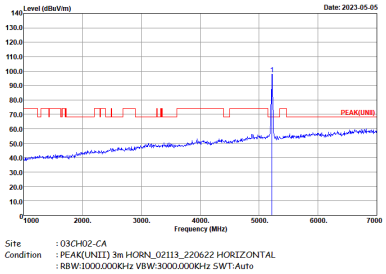
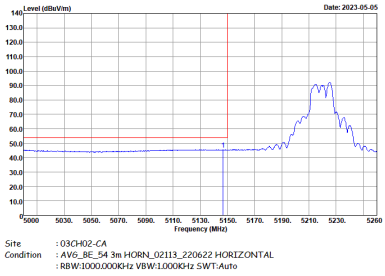
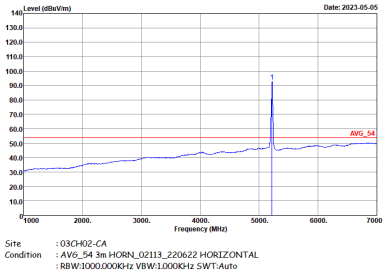
<With Low Gain Antenna>

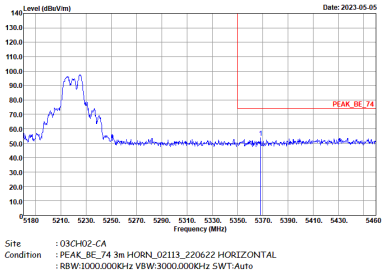
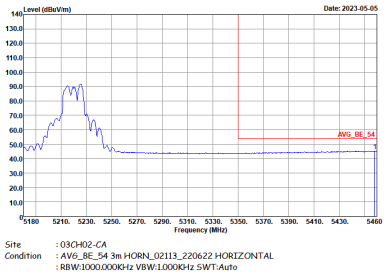
UNII-1 INDOOR AP MODE - 5150~5250MHz

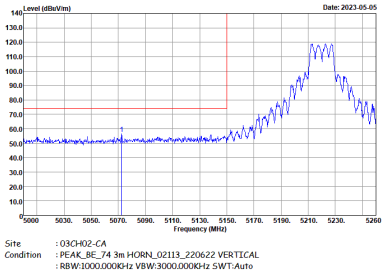
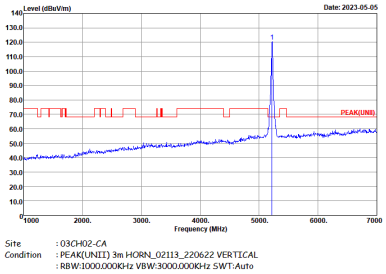
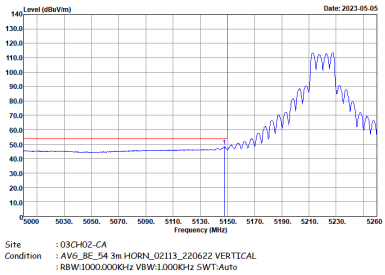
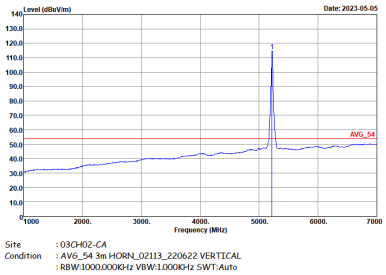
WIFI 802.11a (Band Edge @ 3m)

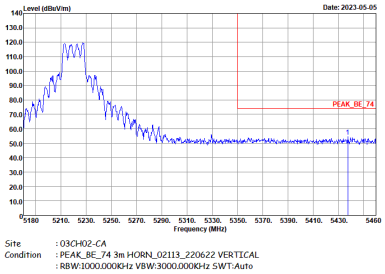
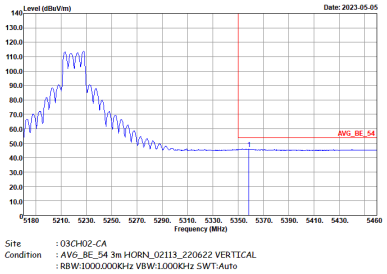
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+2	Horizontal	Fundamental
Peak		
Avg.		

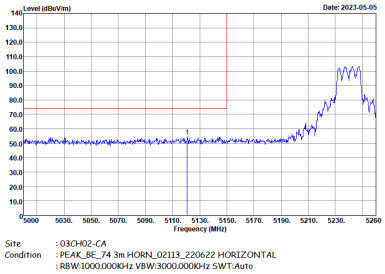
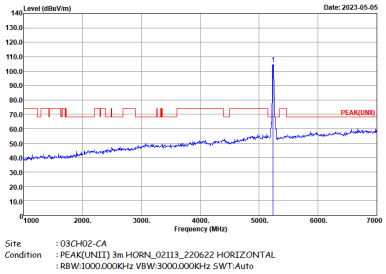
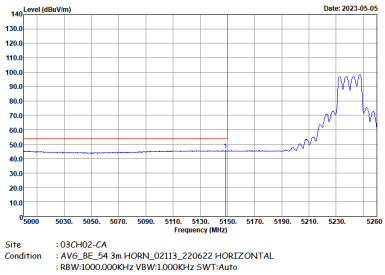
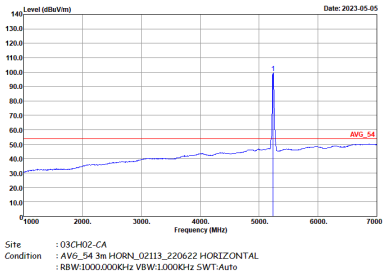
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AV6_BE_54 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AV6_54 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

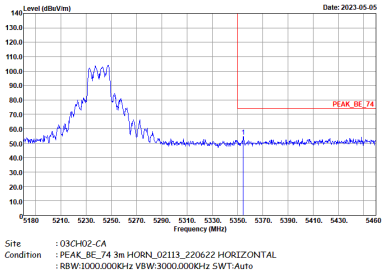
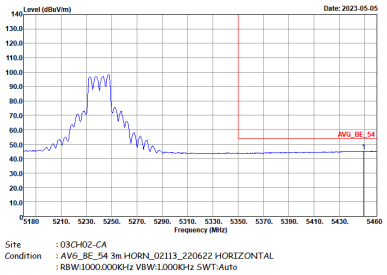
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+2	Horizontal	Fundamental
Peak		
Avg.		

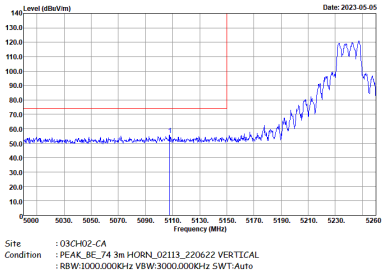
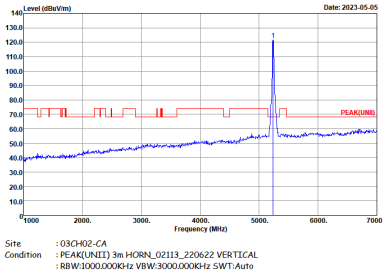
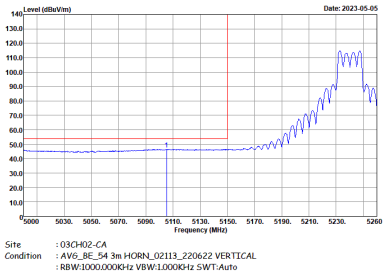
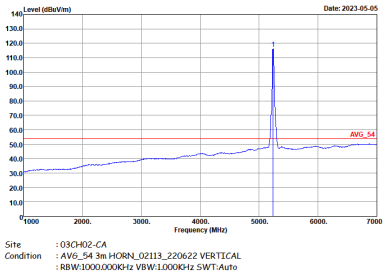
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

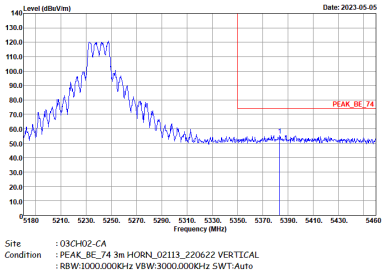
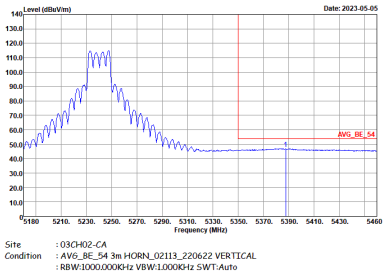
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+2	Vertical	Fundamental
Peak		
Avg.		

WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

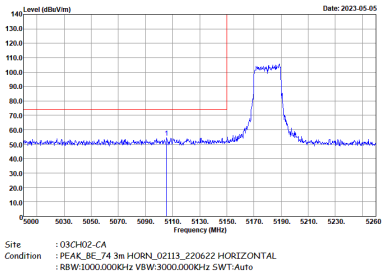
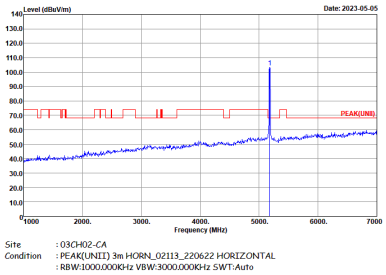
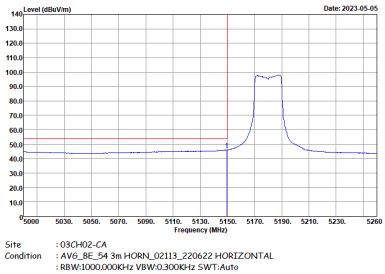
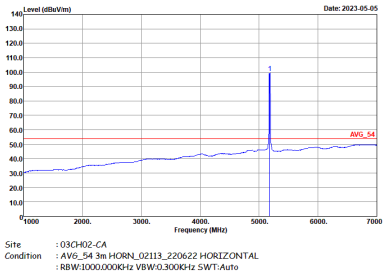
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+2	Horizontal	Fundamental
Peak		
Avg.		

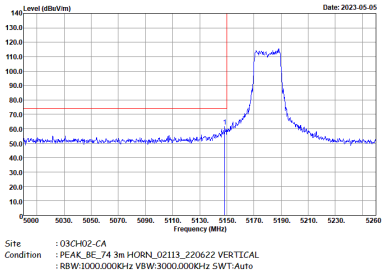
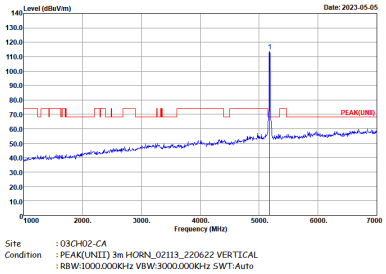
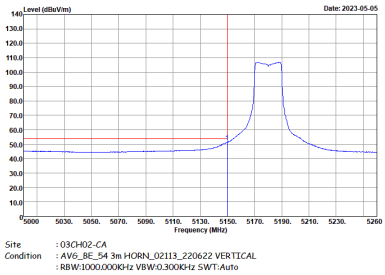
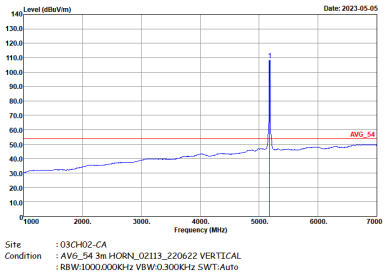
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

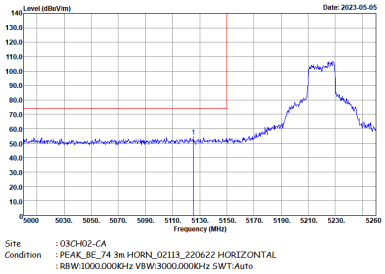
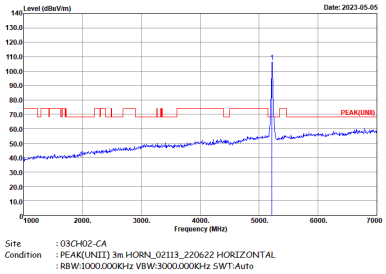
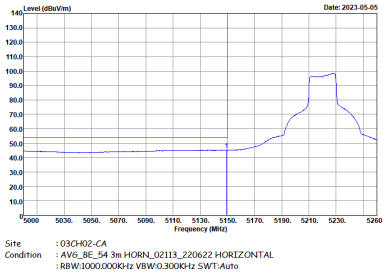
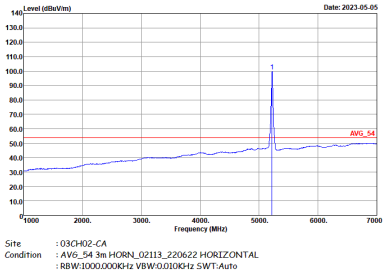
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+2	Vertical	Fundamental
Peak		
Avg.		

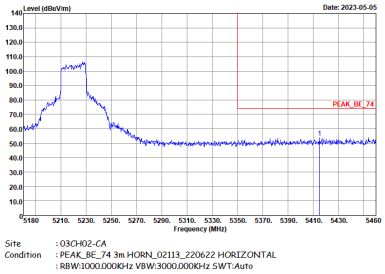
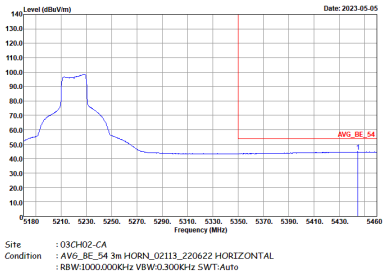
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

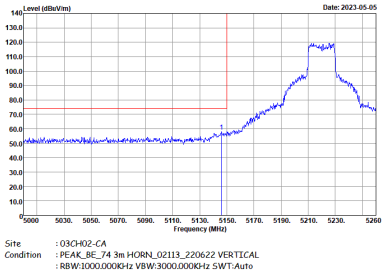
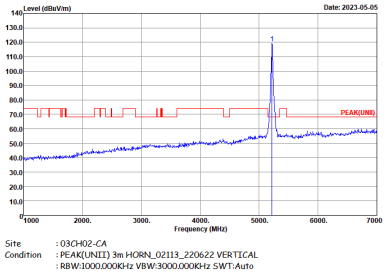
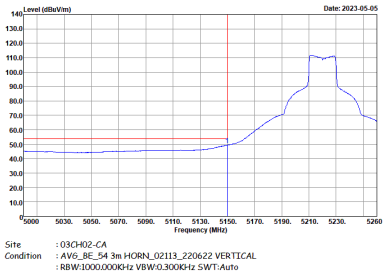
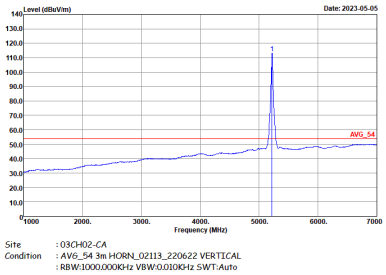
UNII-1 INDOOR AP MODE 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

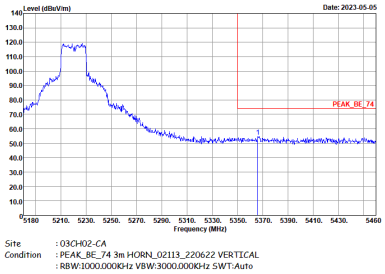
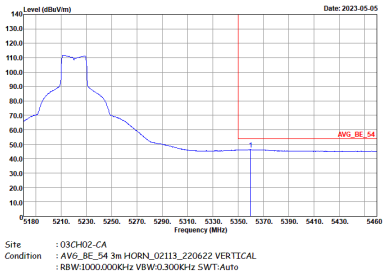
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+2	Horizontal	Fundamental
Peak		
Avg.		

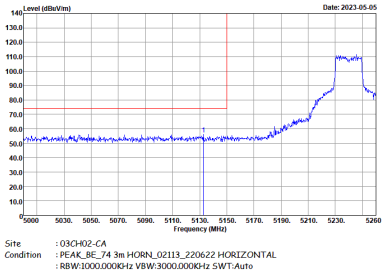
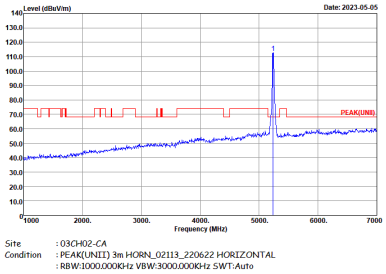
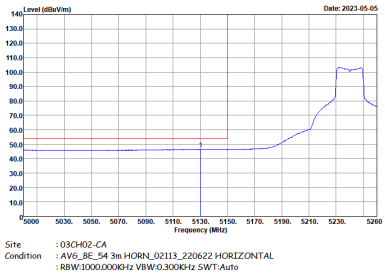
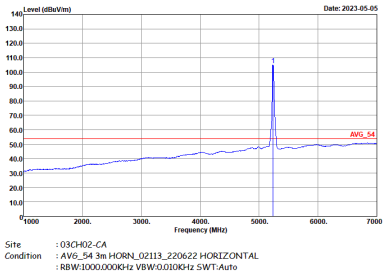
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+2	Vertical	Fundamental
Peak		
Avg.		

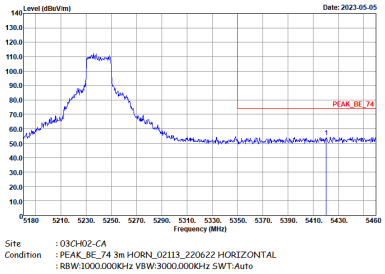
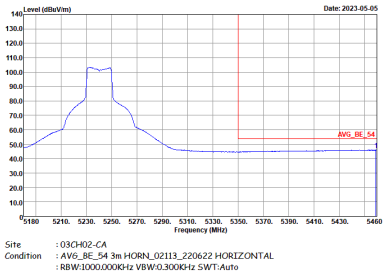
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+2	Horizontal	Fundamental
Peak		
Avg.		

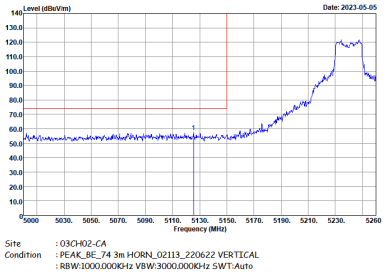
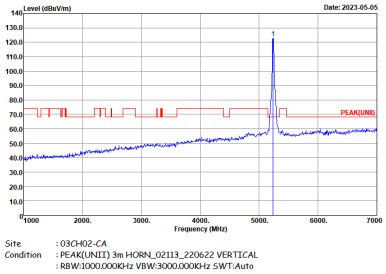
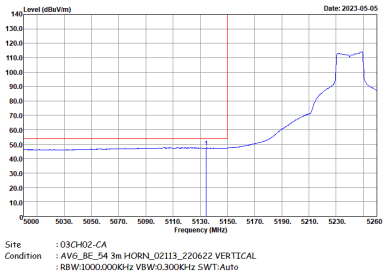
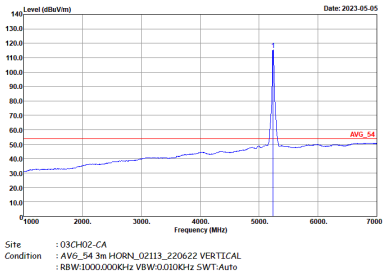
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
0+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

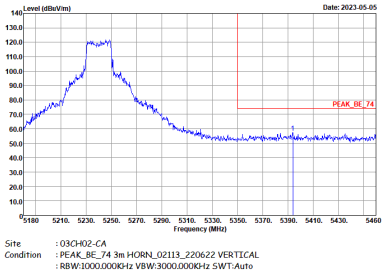
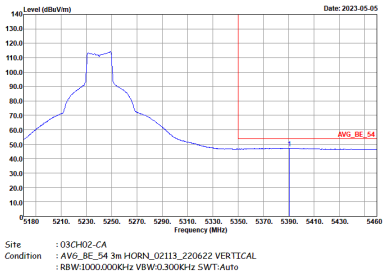
WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+2	Vertical	Fundamental
Peak		
Avg.		

WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
0+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
0+2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
0+2	Vertical	Fundamental
Peak		
Avg.		

WIFI	UNII-1 INDOOR AP MODE 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank