FCC RADIO TEST REPORT

FCC ID	:	**S9GR670**
Equipment	:	**R670 Access Point**
Brand Name	:	**RUCKUS**
Model Name	:	**R670**
Marketing Name	:	**Ruckus R670**
Applicant	:	**Ruckus Wireless, LLC** **350 W. Java Dr., Sunnyvale CA 94089 USA**
Manufacturer	:	**Ruckus Wireless, LLC** **350 W. Java Dr., Sunnyvale CA 94089 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Nov. 03, 2023 and testing was performed from Nov. 20, 2023 to Jul. 06, 2024. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this 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.

Neil Kao

Approved by: Neil Kao

Sporton International (USA) Inc.

1175 Montague Expressway, Milpitas, CA 95035

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History of this test report

Report No.	Version	Description	Issue Date
FR240104006D	01	Initial issue of report	Jul. 08, 2024

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	0.18 dB under the limit at 5149.50 MHz
3.5	15.207	AC Conducted Emission	Pass	7.54 dB under the limit at 0.39 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 Bluetooth - LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/be, and ZigBee. **Antenna Type** Bluetooth – LE: Omni-Directional Antenna WLAN: **<Ant. 1>**: Omni-Directional Antenna **<Ant. 2>**: Omni-Directional Antenna **<Ant. 3>**: Omni-Directional Antenna **<Ant. 4>**: Omni-Directional Antenna ZigBee: Omni-Directional Antenna

Antenna information			
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Horizontal	**<Ant. 2>:** 1.8 **<Ant. 3>:** 4.4
		Vertical	**<Ant. 1>:** 3.0 **<Ant. 4>:** 2.4
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Horizontal	**<Ant. 2>:** 2.1 **<Ant. 3>:** 3.4
		Vertical	**<Ant. 1>:** 2.9 **<Ant. 4>:** 2.9
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Horizontal	**<Ant. 2>:** 2.1 **<Ant. 3>:** 3.4
		Vertical	**<Ant. 1>:** 2.9 **<Ant. 4>:** 2.9

Remark:

1. The device is a special case of MIMO system with two outputs driving a cross-polarized pair of linearly polarized antennas which are vertically/horizontally mounted on the main board as indicated in equipment photo exhibits.
2. For 2x2 MIMO mode, only ANT1+ANT3 is supported.
3. Channel puncturing is not implemented
4. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.1.1 Antenna Directional Gain

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)c)i)
Cross-polarized antennas. For a system in which the antennas have fixed orientations relative to one another that ensure that the antennas are cross-polarized regardless of any user actions, the directional gain is computed as follows.

(i) Cross-polarized antennas with NANT = 2. In the case of a transmitter with only two outputs driving a pair of antennas that are cross-polarized (e.g., vertical and horizontal or left-circular and right-circular), directional gain is the gain of an individual antenna. If the two antennas have different gains, the larger gain applies.

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

	Vertical Ant 1 (dBi)	Horizontal Ant 3 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	3.00	4.40	4.40	4.40	0.00	0.00
Band II	2.90	3.40	3.40	3.40	0.00	0.00
Band III	2.90	3.40	3.40	3.40	0.00	0.00

Calculation example:
If a device has two cross-polarized antenna, G_{ANT1}= 3.00dBi; G_{ANT3}=4.40dBi
Directional gain of power measurement = max(3.00, 4.40) = 4.40 dBi
Directional gain of PSD measurement = max(3.00, 4.40) = 4.40 dBi
Power and PSD limit reduction = Directional gain – 6dBi, (min = 0)

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)c)i)
Cross-polarized antennas. For a system in which the antennas have fixed orientations relative to one another that ensure that the antennas are cross-polarized regardless of any user actions, the directional gain is computed as follows.

(i) Cross-polarized antennas with NANT = 4. In the case of a transmitter with only four outputs driving a pair of antennas that are cross-polarized (e.g., vertical and horizontal or left-circular and right-circular), directional gain is the gain of an individual antenna. If the two antennas have different gains, the larger gain applies.

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

	Vertical Ant 1 (dBi)	Horizontal Ant 3 (dBi)	Vertical Ant 4 (dBi)	Horizontal Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	3.00	4.40	2.40	1.80	4.40	6.21	0.00	0.21
Band II	2.90	3.40	2.90	2.10	3.40	5.91	0.00	0.00
Band III	2.90	3.40	2.90	2.10	3.40	5.91	0.00	0.00

Calculation example:
If a device has four cross-polarized antenna,
G_{ANT1}= 3.00dBi; G_{ANT3}= 4.40dBi; G_{ANT4}=2.40dBi, G_{ANT2}=1.80dBi,
Directional gain of power measurement = max(3.00, 4.40, 2.40, 1.80) = 4.40 dBi
Directional gain of PSD measurement = max(Vertical DG(3.00, 2.40), Horizontal DG(4.40, 1.80)) = 6.21 dBi
Power and PSD limit reduction = Directional gain – 6dBi, (min = 0)

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.: US1250

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: All the test items were validated and recorded in accordance with the standards without any modification during the testing.

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), 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)
5150-5350 MHz	50@	5250
5470-5725 MHz	114@	5570

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

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

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40 and 802.11be EHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80 and 802.11be EHT80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160 and 802.11ax HE160 and 802.11be EHT160.

2.2 Test 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 EHT20)	MCS0
802.11n HT40 (Covered by EHT40)	MCS0
802.11ac VHT20 (Covered by EHT20)	MCS0
802.11ac VHT40 (Covered by EHT40)	MCS0
802.11ac VHT80 (Covered by EHT80)	MCS0
802.11ac VHT160 (Covered by EHT160)	MCS0
802.11ax HE20(Covered by EHT20)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11ax HE160 (Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

Remark:

1 Based on the manufacturer's declaration, 802.11be covers the 802.11n, 11ac and 11ax due to the same modulation family scheme. For 802.11be, only full resource unit assignment mode is tested since the EUT does not support partial resource unit assignment mode.

2 Based on the manufacturer's declaration, RF power on each chain in MIMO mode is parameterized to be greater than the power in SISO mode, giving the condition that the SISO Mode is covered by MIMO Mode which is deemed the worst case selected for testing.

3 The EUT information mentioned or listed above is declared by the manufacturer.

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

MIMO <Ant. 1+3>

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

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11be EHT20	802.11be EHT20	802.11be EHT20
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
		802.11be EHT40	802.11be EHT40	802.11be EHT40
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
		802.11be EHT80	802.11be EHT80	802.11be EHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

BW160	5150-5350 MHz	5470-5725MHz
	802.11be EHT160	802.11be EHT160
Ch. #	50	114

MIMO <Ant. 1+3+4+2>

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

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11be EHT20	802.11be EHT20	802.11be EHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

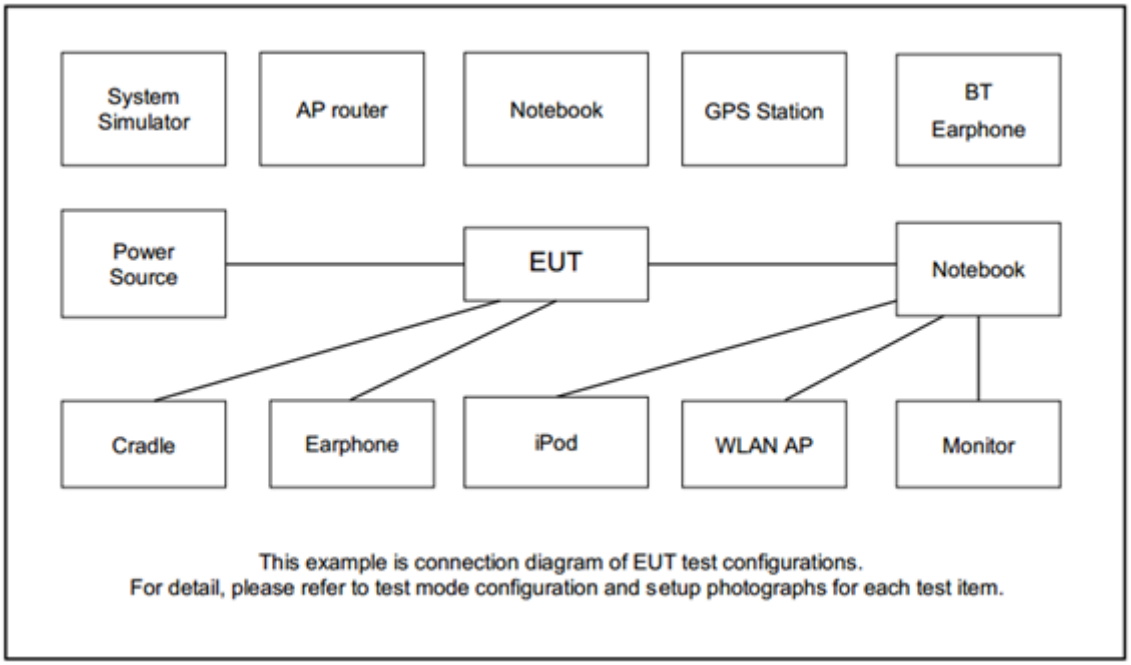
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11be EHT40	802.11be EHT40	802.11be EHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11be EHT80	802.11be EHT80	802.11be EHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

BW160	5150-5350 MHz	5470-5725MHz
	802.11be EHT160	802.11be EHT160
Ch. #	50	114

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	DELL	Latitude 5440	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	Acer	N18Q13	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Notebook	DELL	Latitue E7470	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Adapter	Ruckus	740-64277-001	N/A	N/A	N/A
5.	PoE Adapter	RUCKUS	740-64310-001	N/A	N/A	N/A
6.	PoE Adapter	RUCKUS	GRT-480125A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QSPR Version 5.14.00227.1, Tera Term 4.106 and QUTS Version 1.8.2.51” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

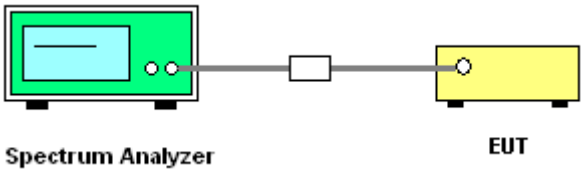
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

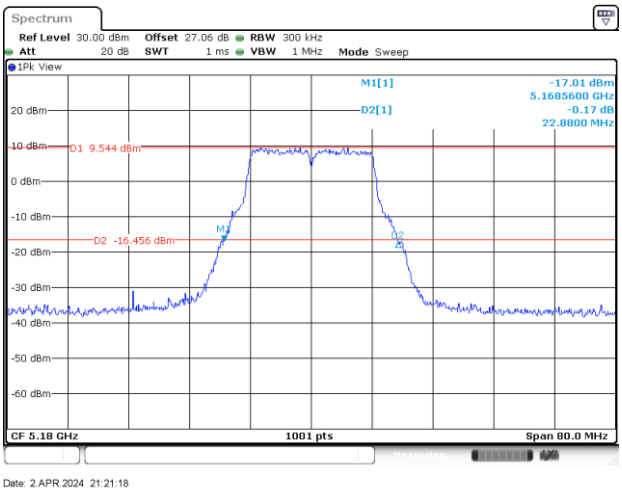
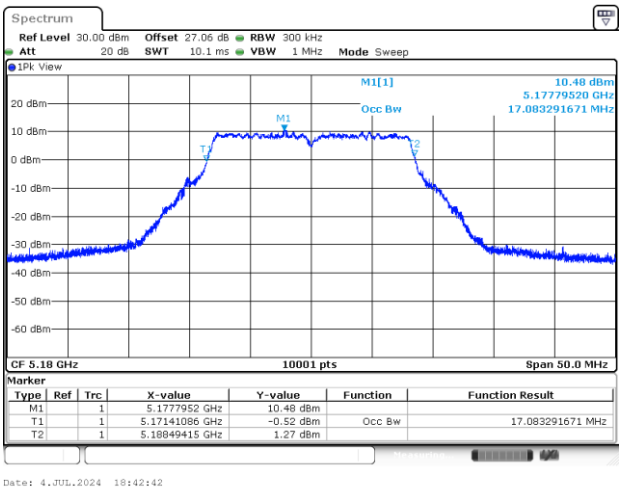


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

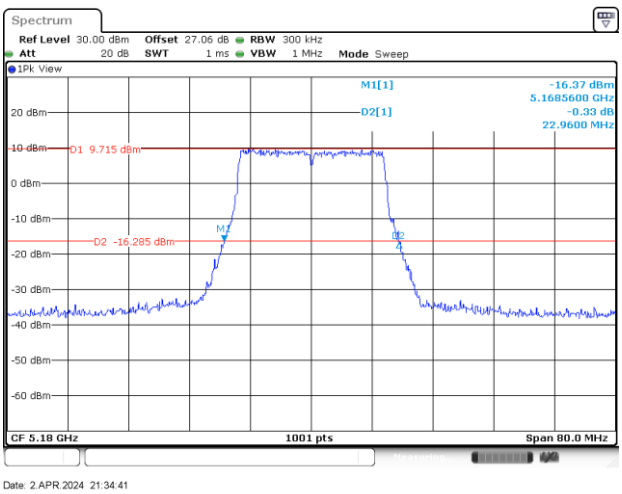
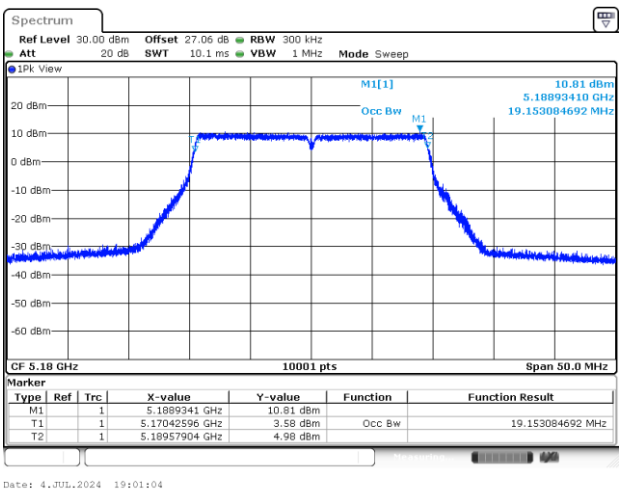
MIMO <Ant. 1+3>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

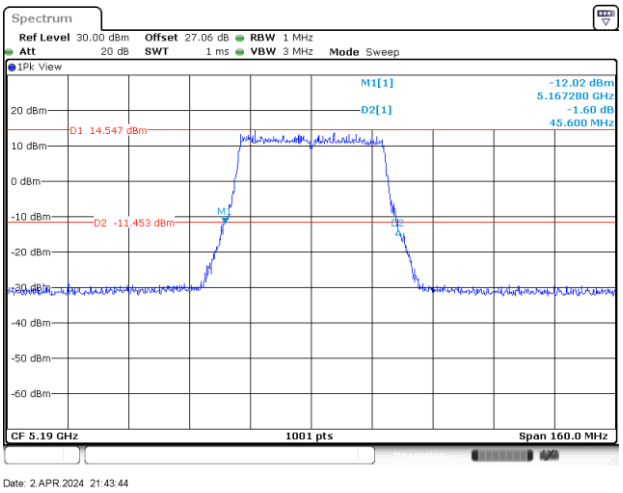
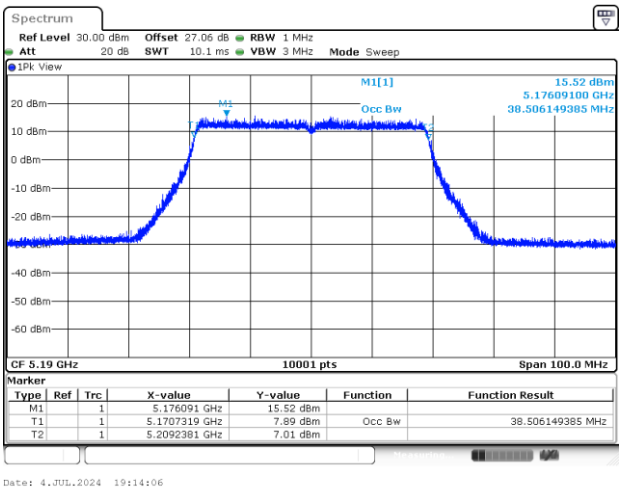
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

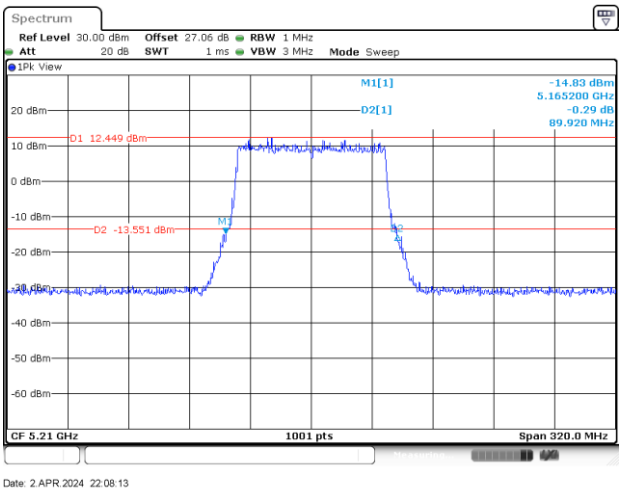
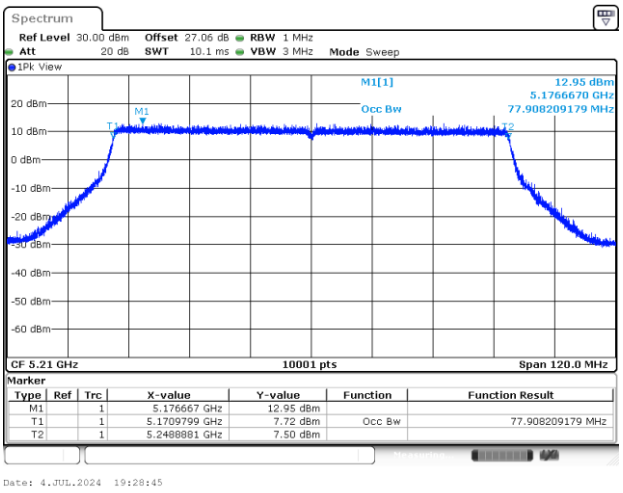
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

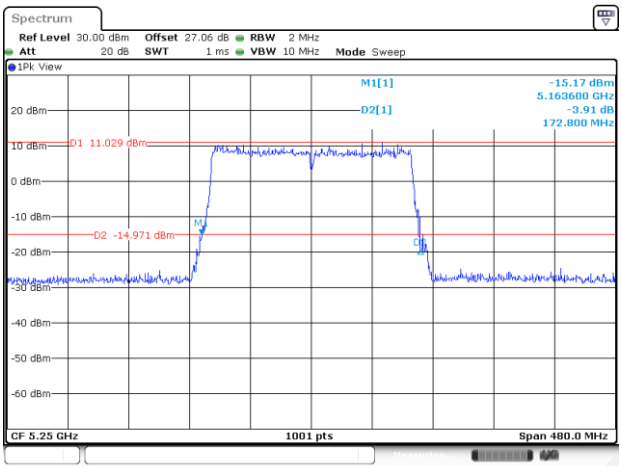
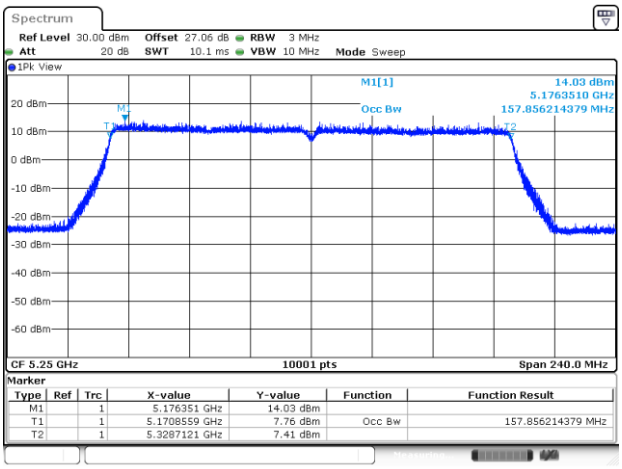
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

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

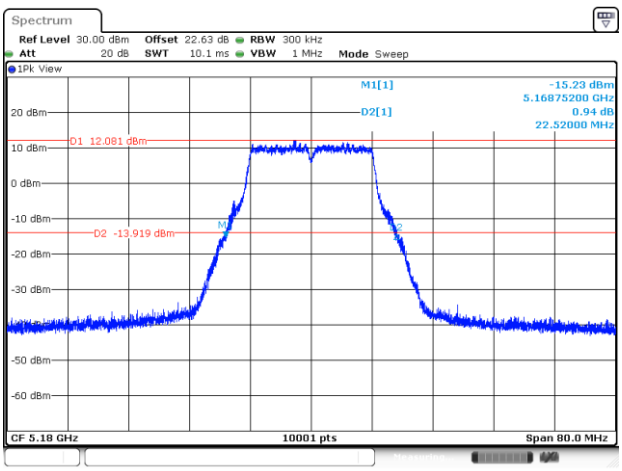
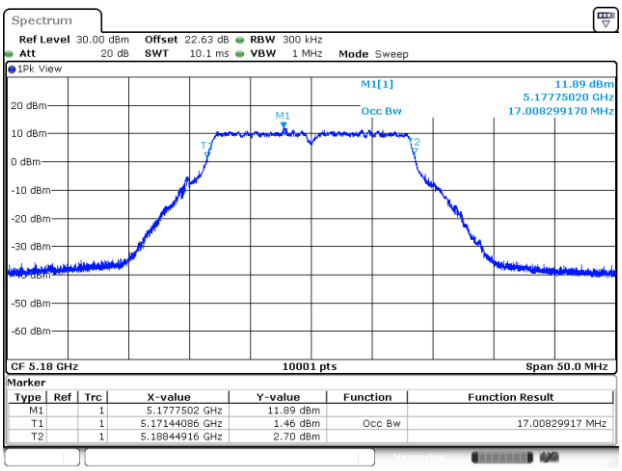
<802.11be EHT160>

26dB Bandwidth	99% Occupied Bandwidth
	

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

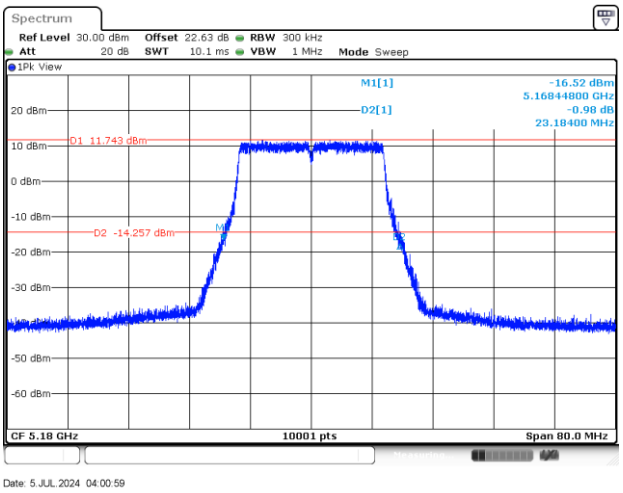
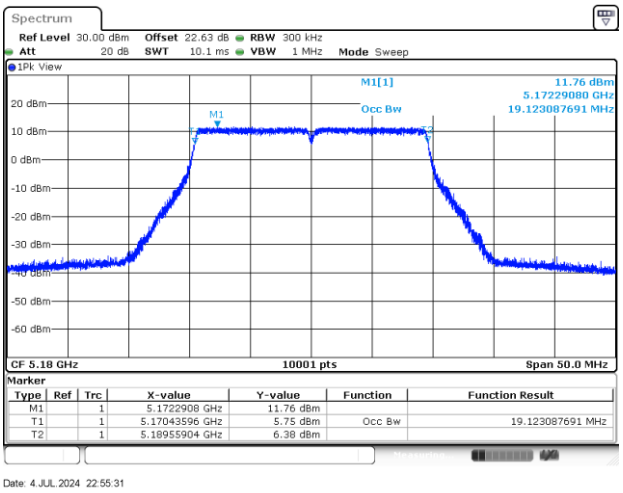
MIMO <Ant. 1+3+4+2>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

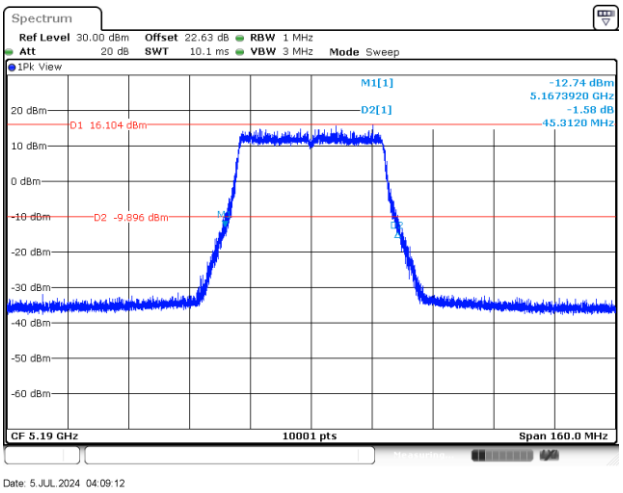
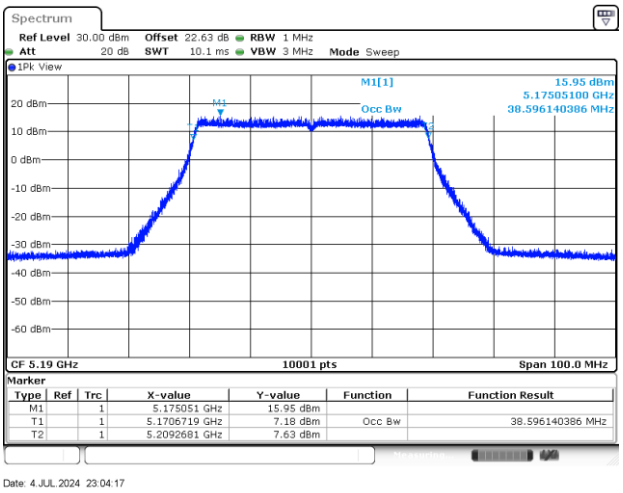
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

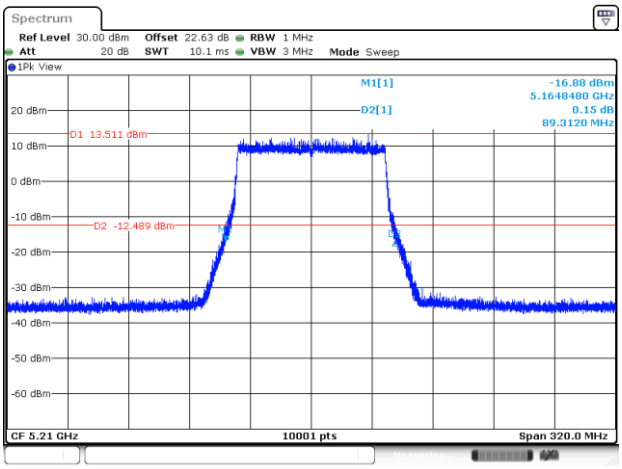
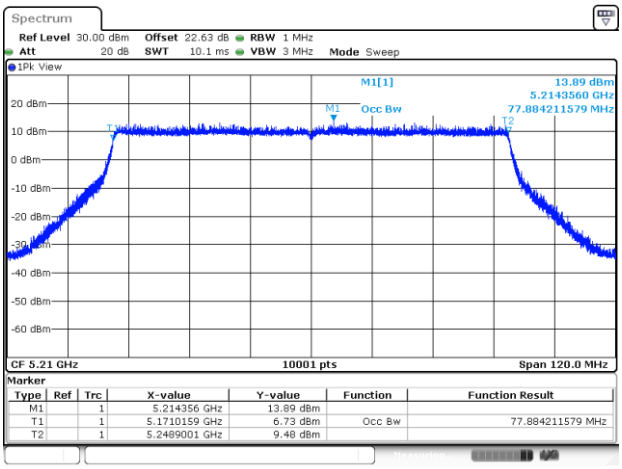
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

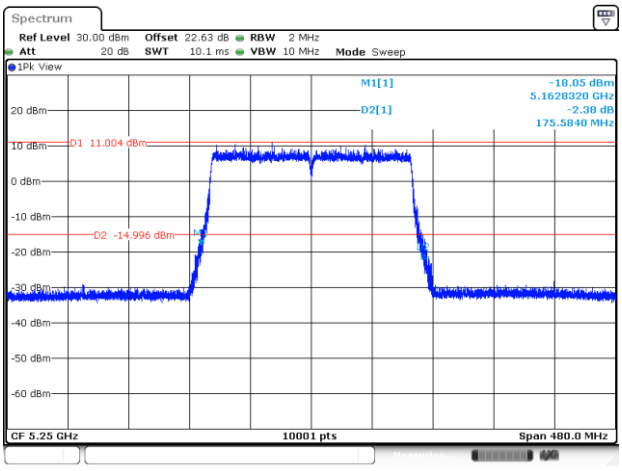
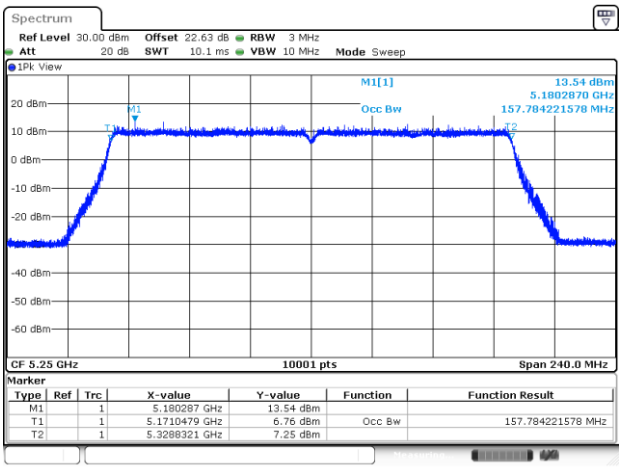
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11be EHT160>

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

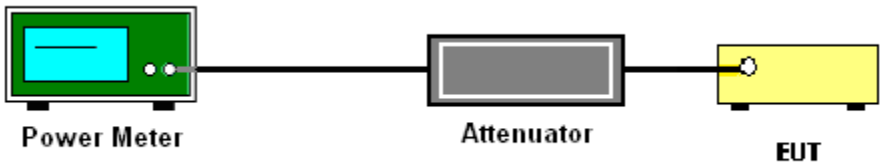
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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).

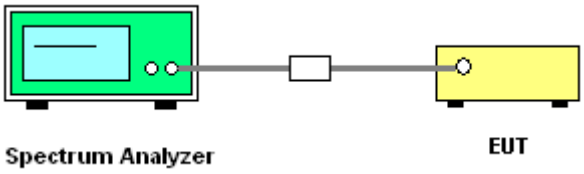
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), 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 4 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, output 3 and output 4 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup



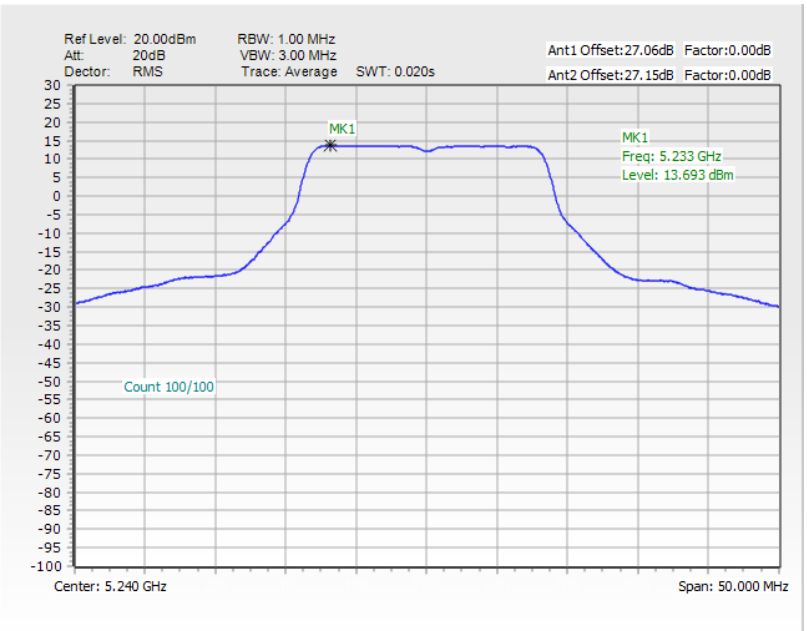
3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

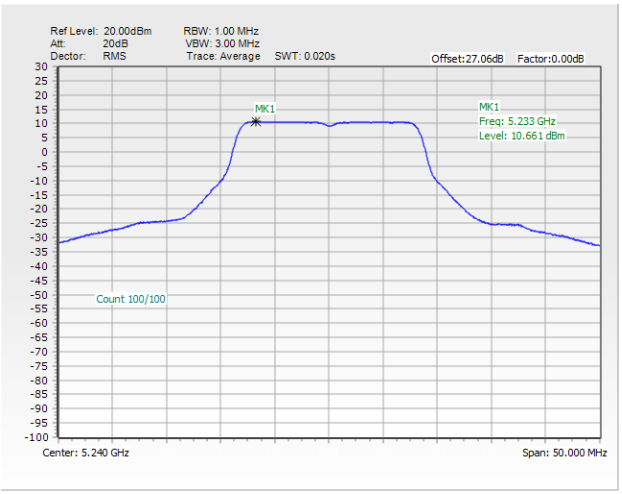
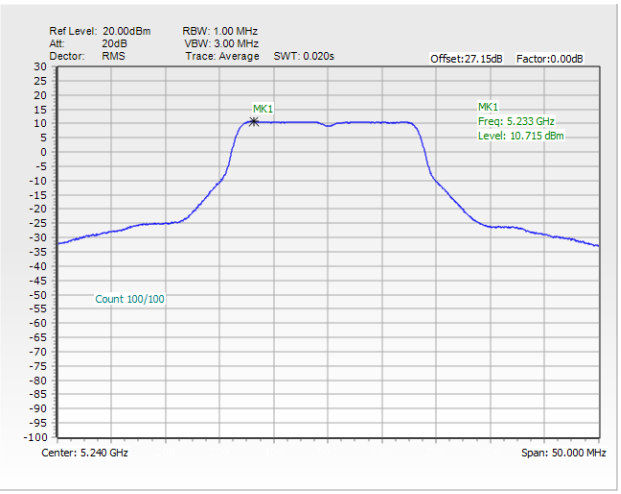
MIMO <Ant. 1+3>

<802.11a>

Maximum Power Density Plot (dBm/MHz)

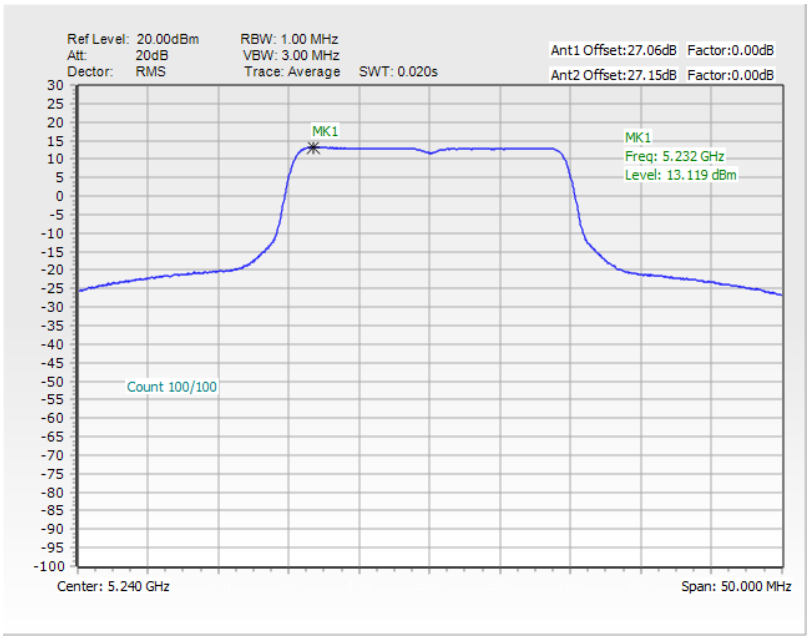


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

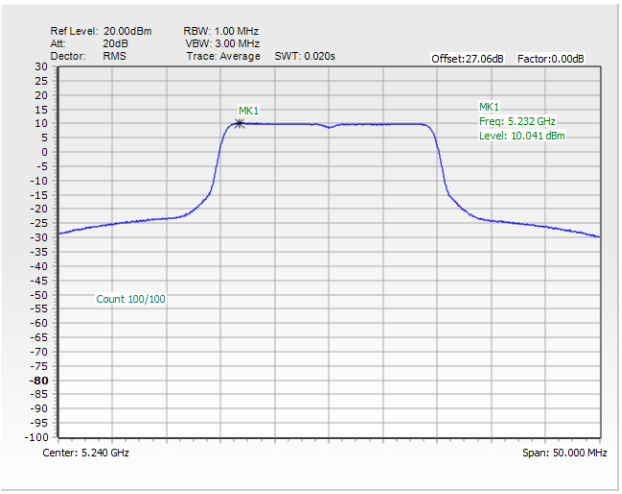
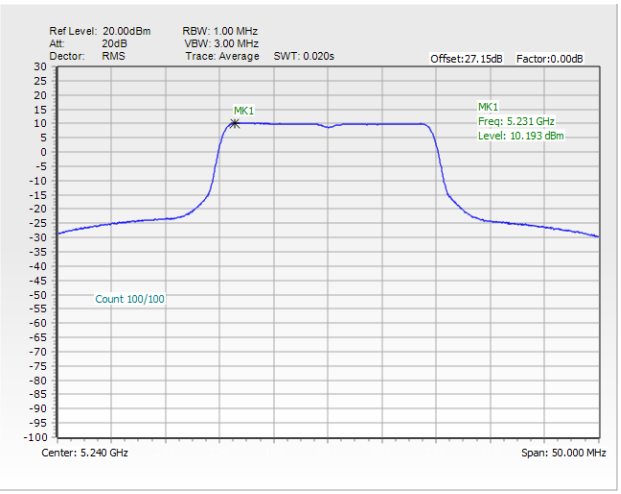
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	

<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)

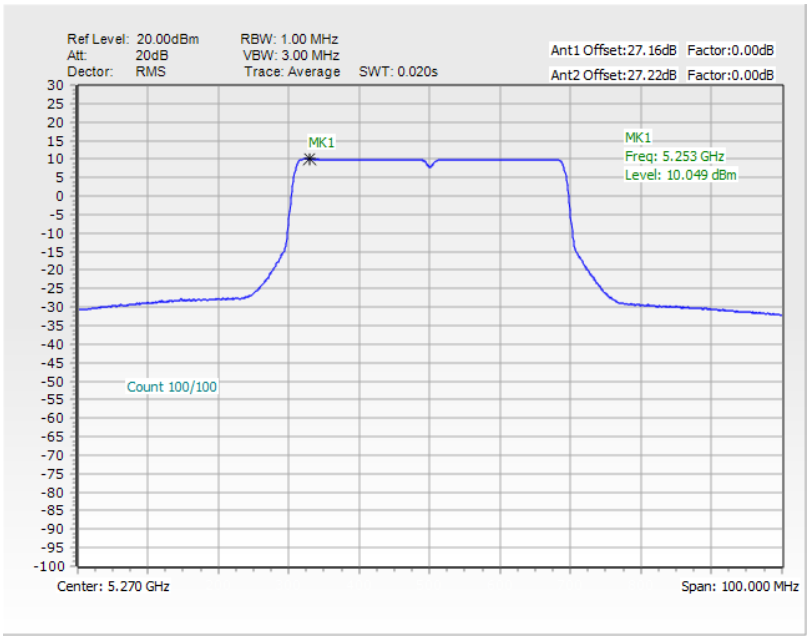


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

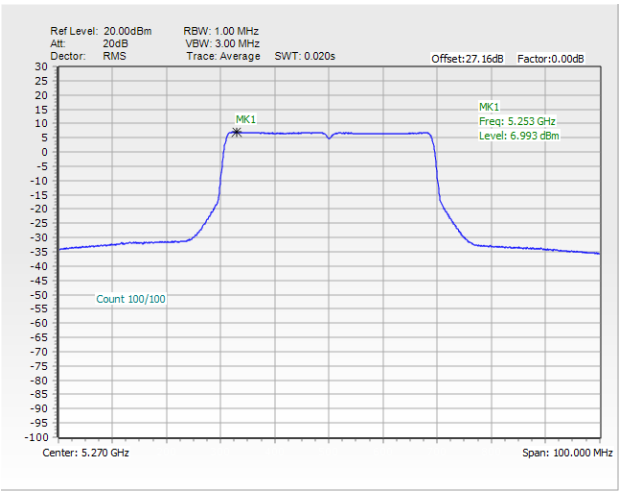
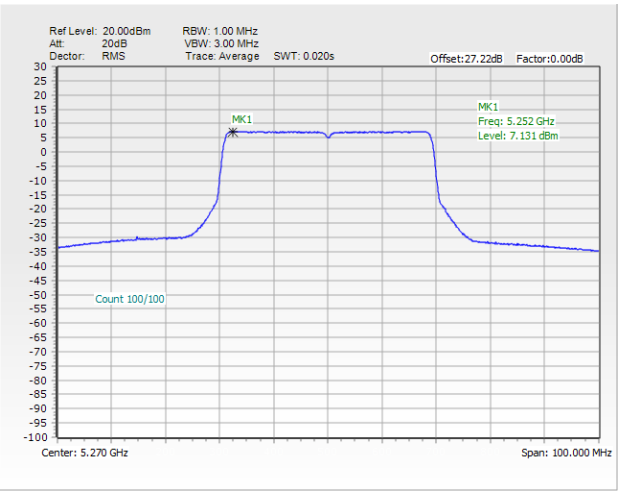
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	

<802.11be EHT40>

Maximum Power Density Plot (dBm/MHz)

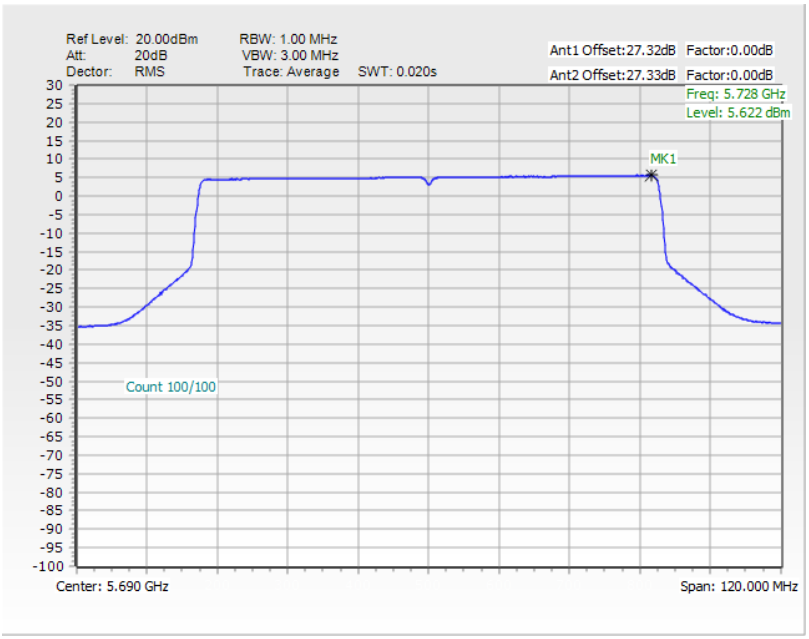


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

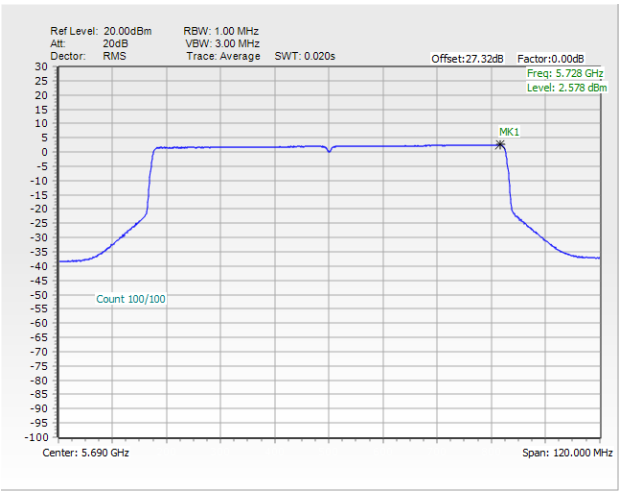
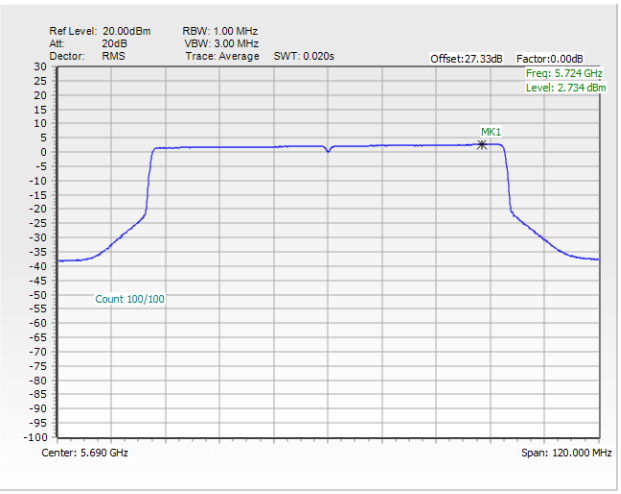
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	

<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)

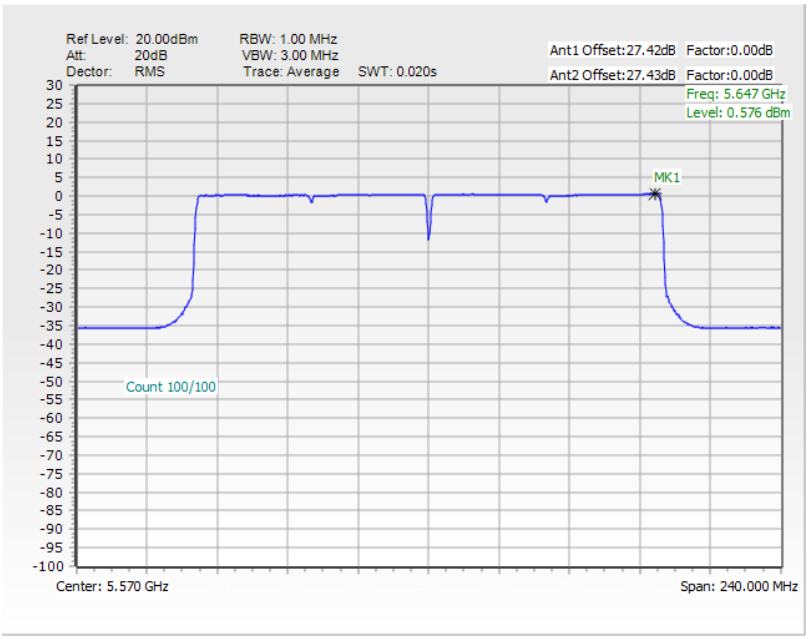


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

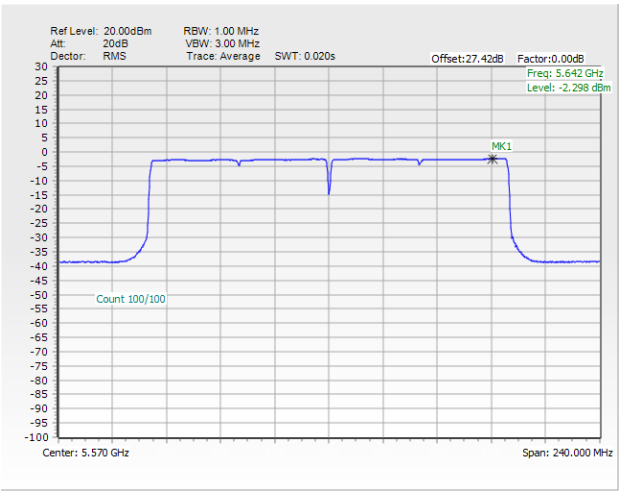
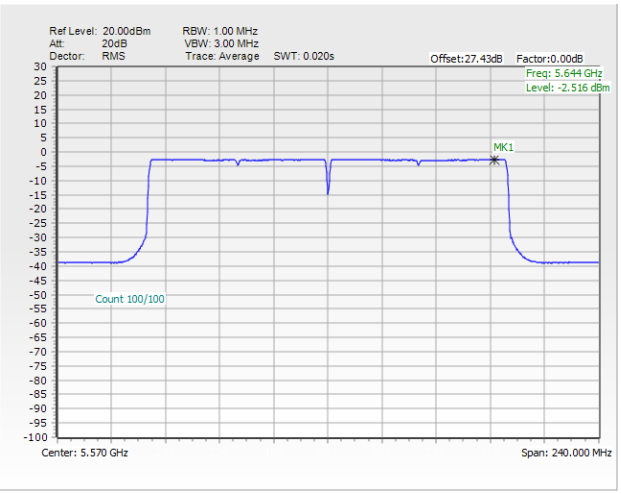
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	

<802.11be EHT160>

Maximum Power Density Plot (dBm/MHz)



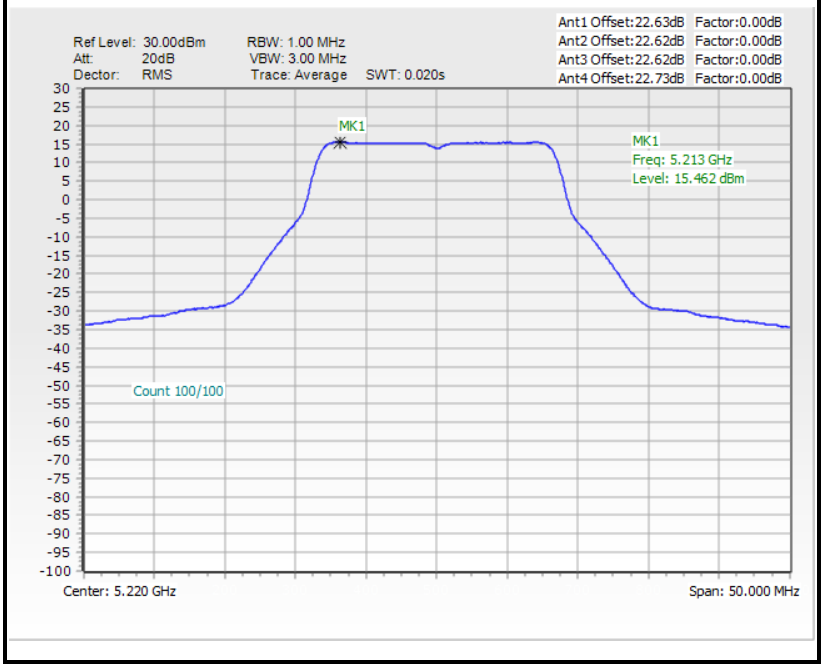
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	

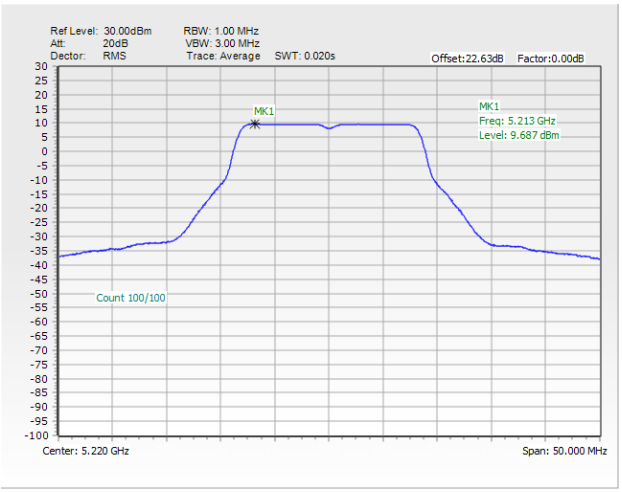
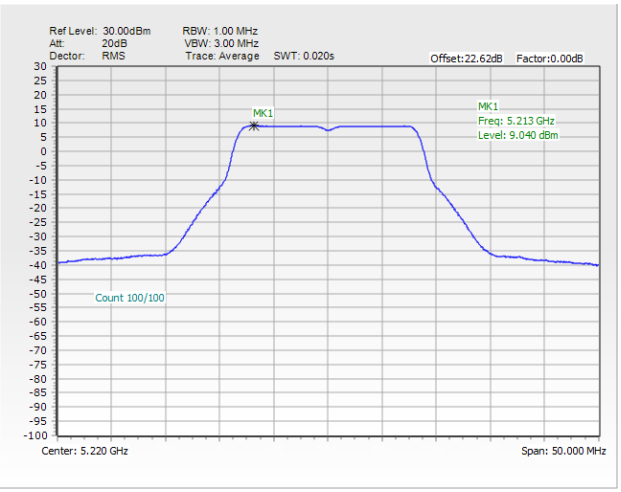
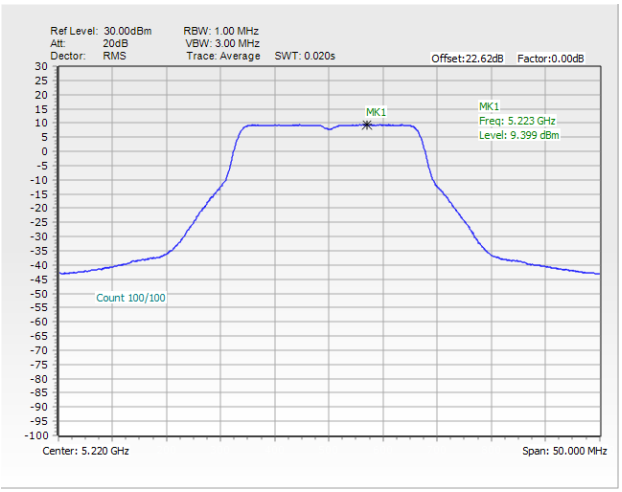
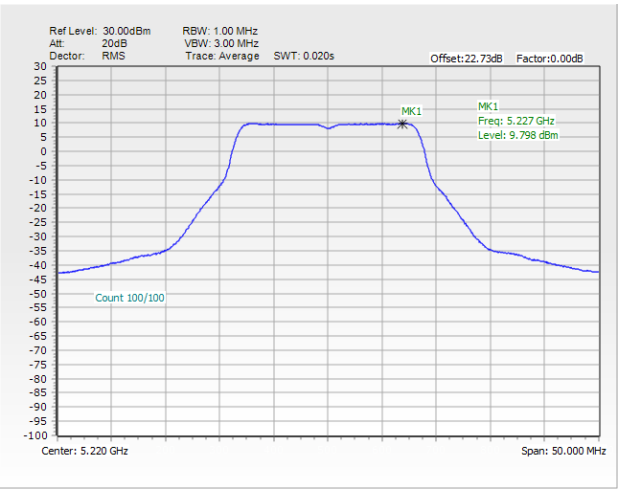
MIMO <Ant. 1+3+4+2>

<802.11a>

Maximum Power Density Plot (dBm/MHz)

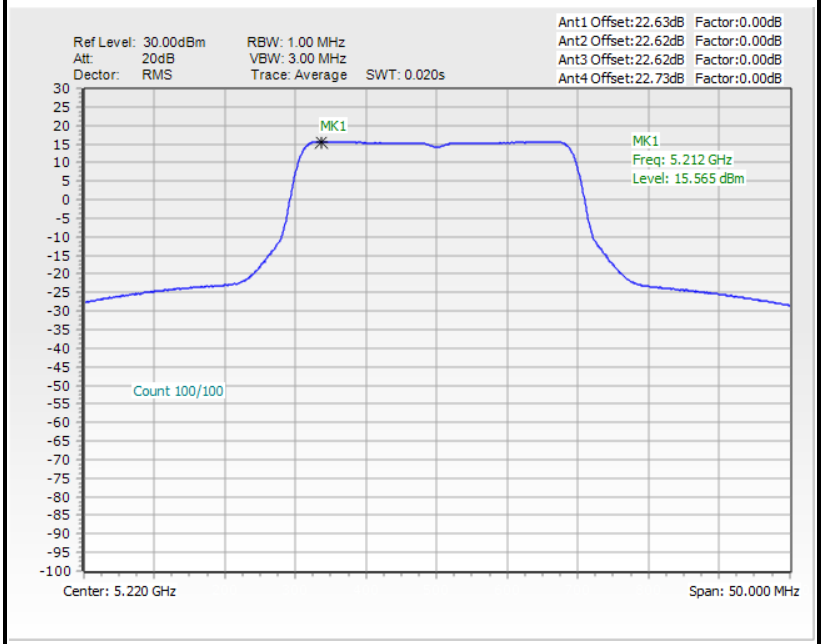


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

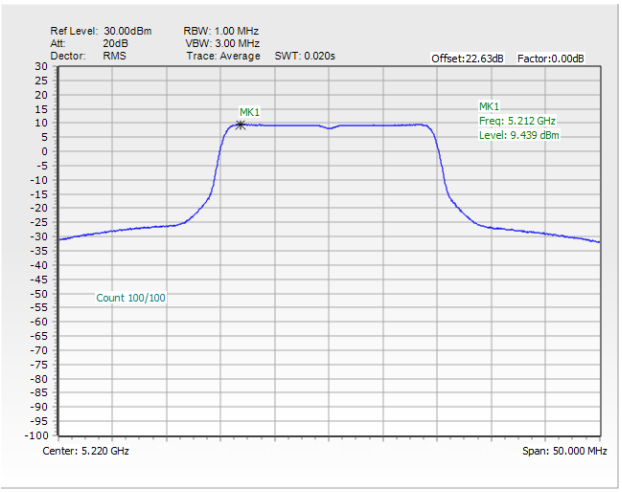
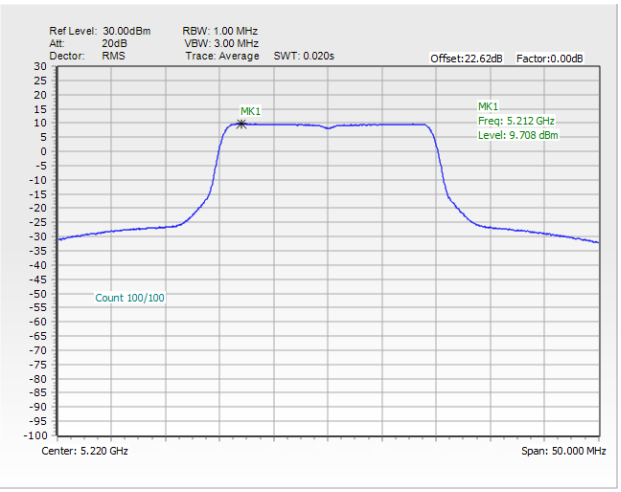
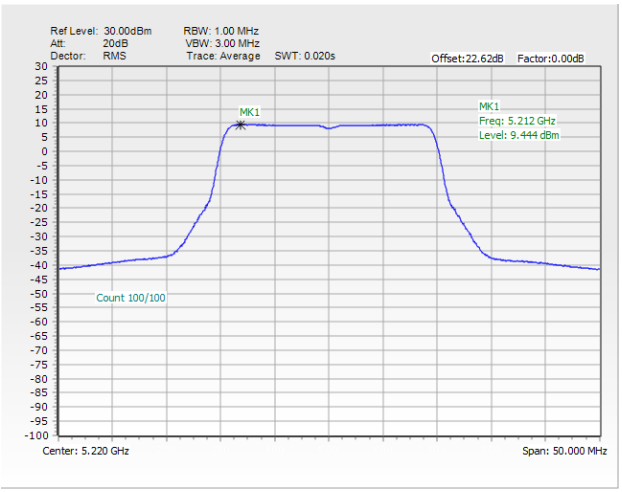
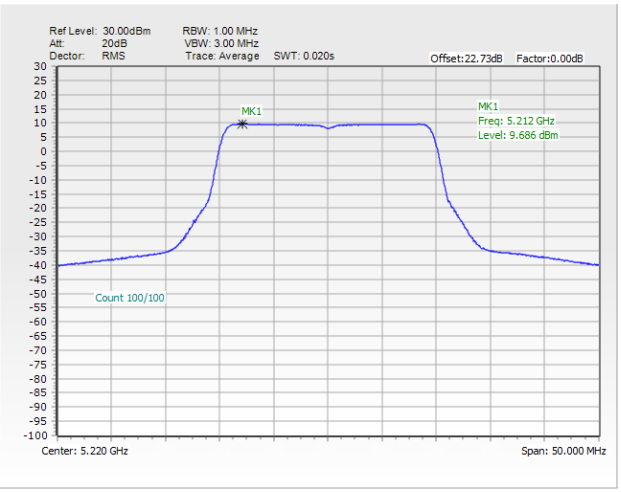
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	
Maximum Power Density Plot Trace 3 (Ant 4)	**Maximum Power Density Plot Trace 4 (Ant 2)**
	

<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)

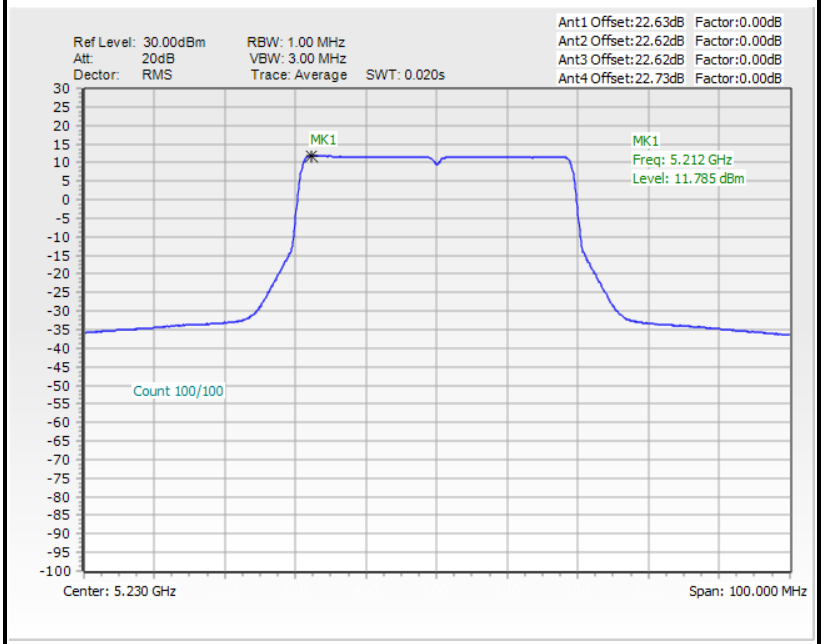


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

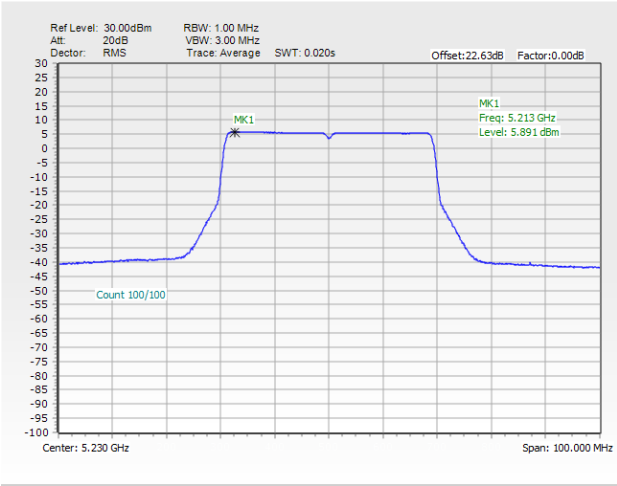
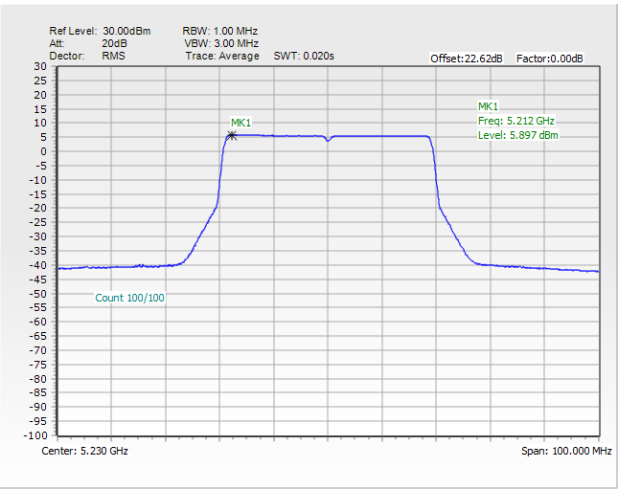
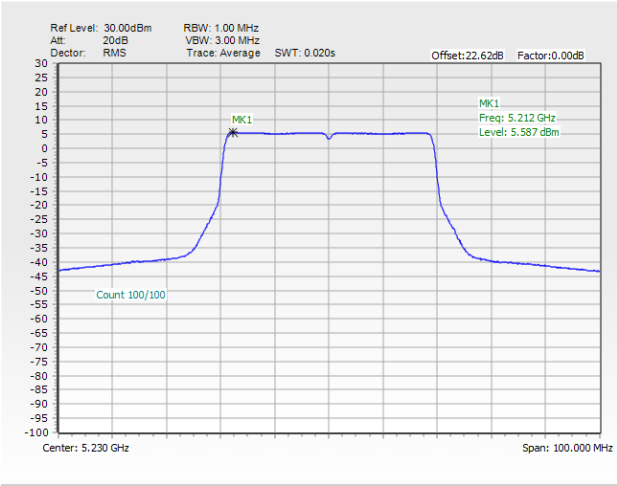
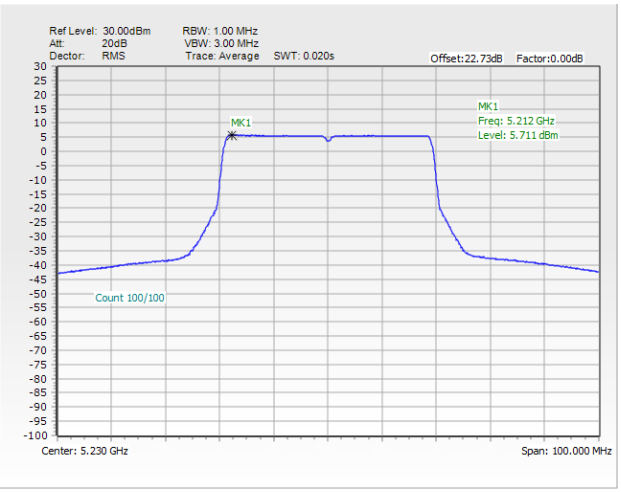
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	
Maximum Power Density Plot Trace 3 (Ant 4)	**Maximum Power Density Plot Trace 4 (Ant 2)**
	

<802.11be EHT40>

Maximum Power Density Plot (dBm/MHz)

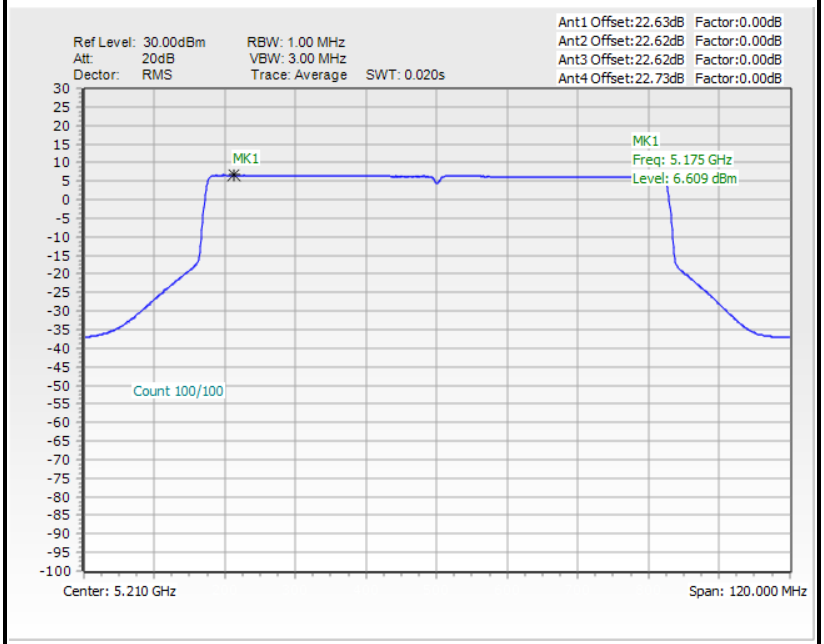


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

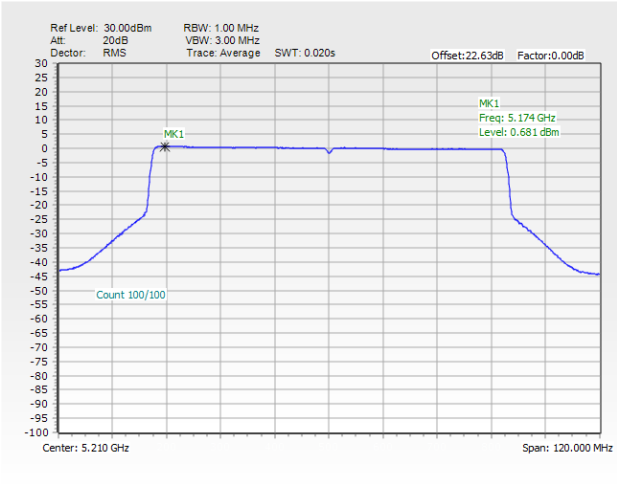
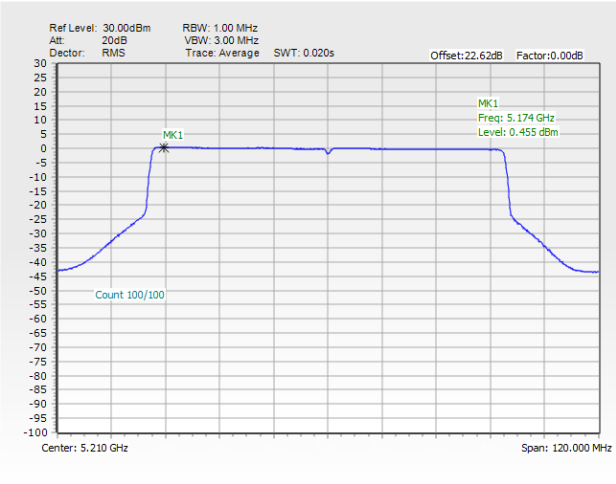
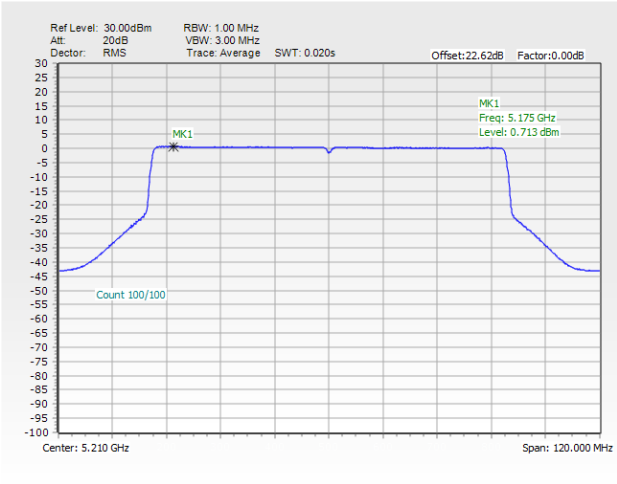
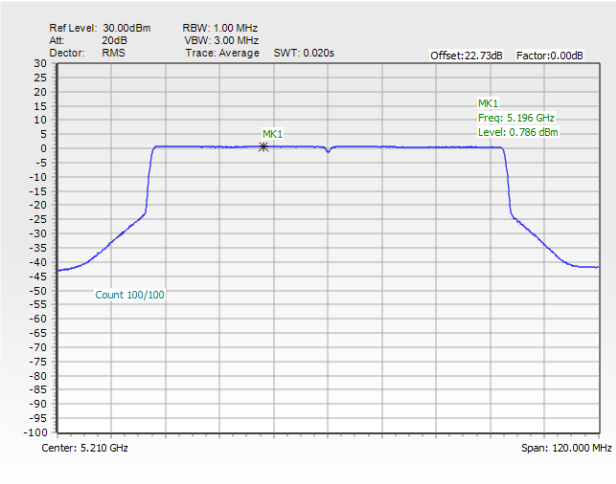
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	
Maximum Power Density Plot Trace 3 (Ant 4)	**Maximum Power Density Plot Trace 4 (Ant 2)**
	

<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)

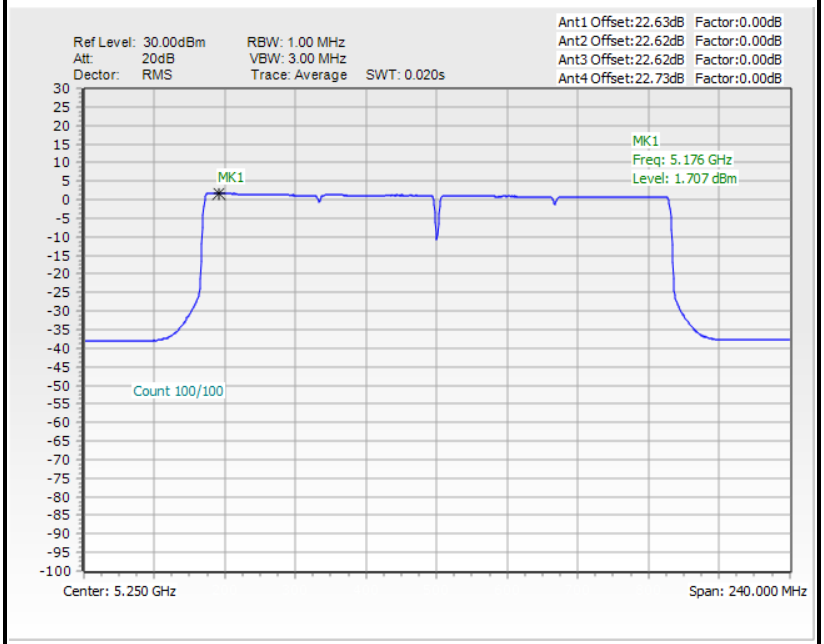


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

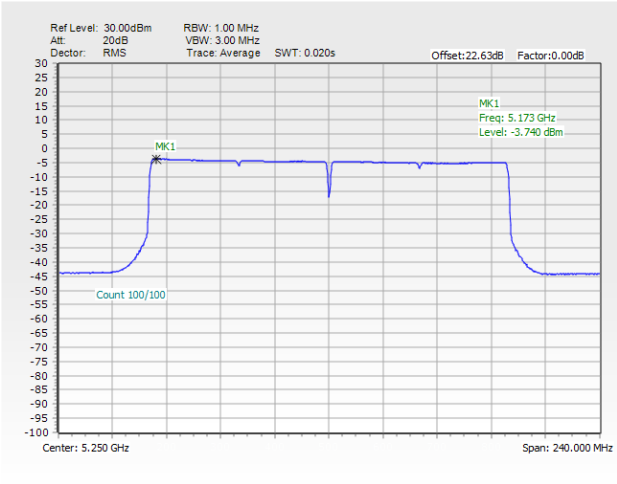
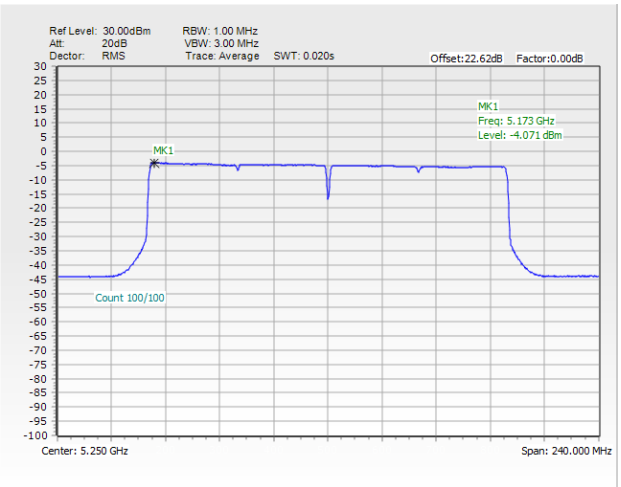
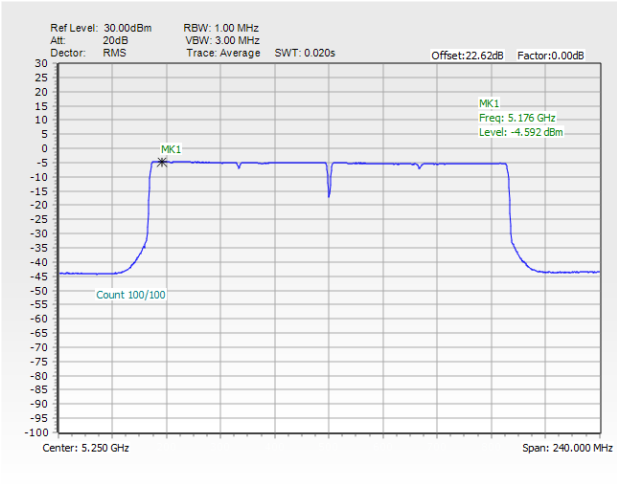
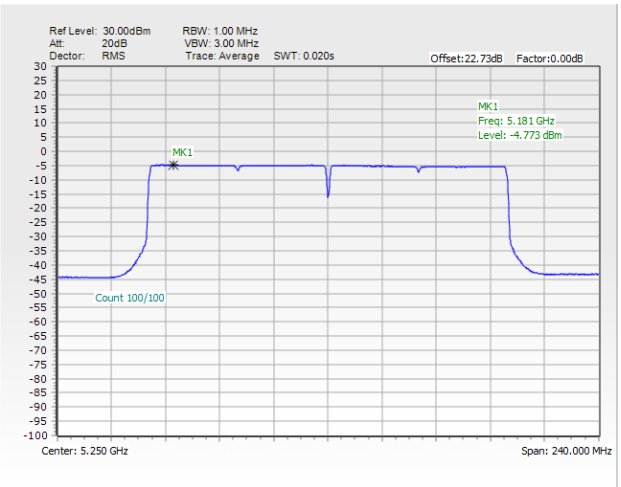
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	
Maximum Power Density Plot Trace 3 (Ant 4)	**Maximum Power Density Plot Trace 4 (Ant 2)**
	

<802.11be EHT160>

Maximum Power Density Plot (dBm/MHz)



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

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 3)
	
Maximum Power Density Plot Trace 3 (Ant 4)	**Maximum Power Density Plot Trace 4 (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

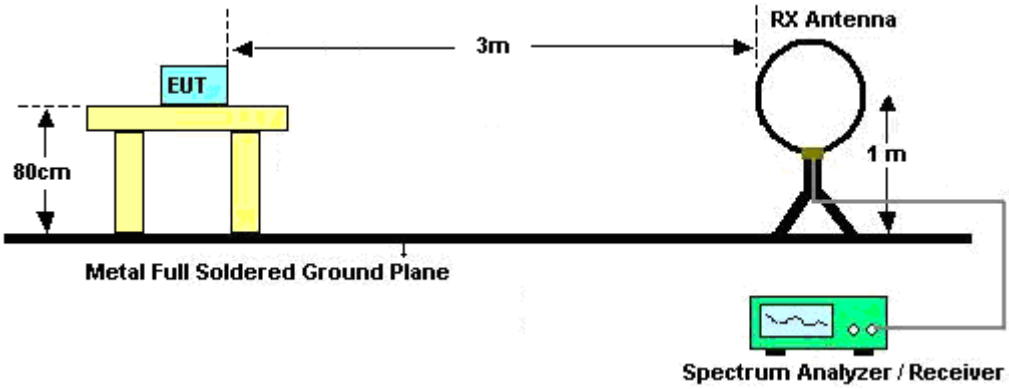
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

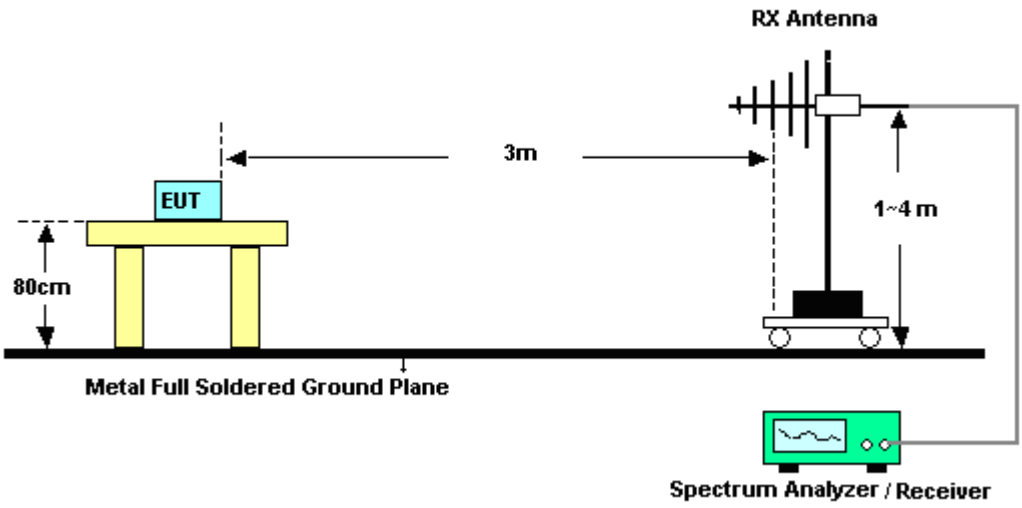
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

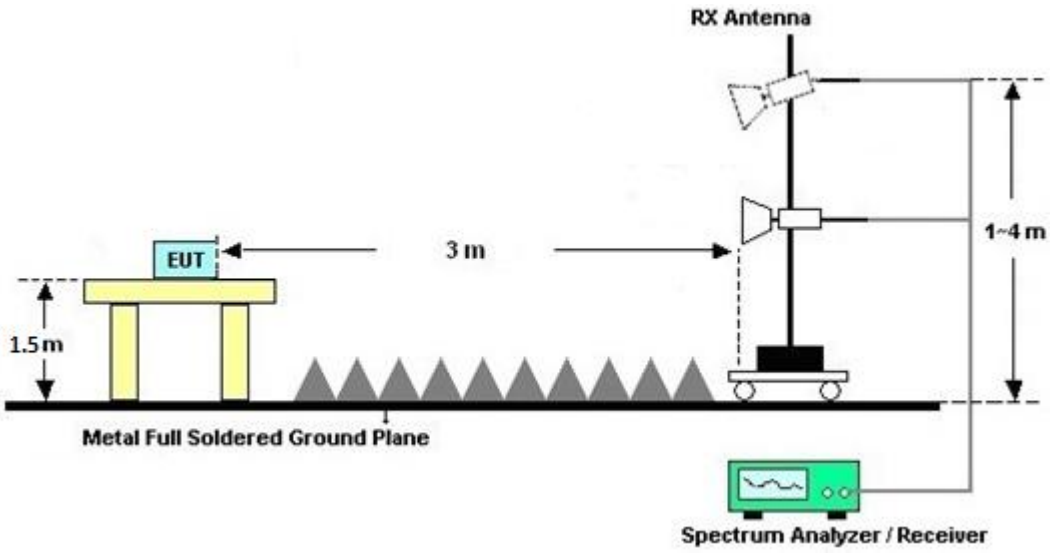
For radiated emissions below 30MHz



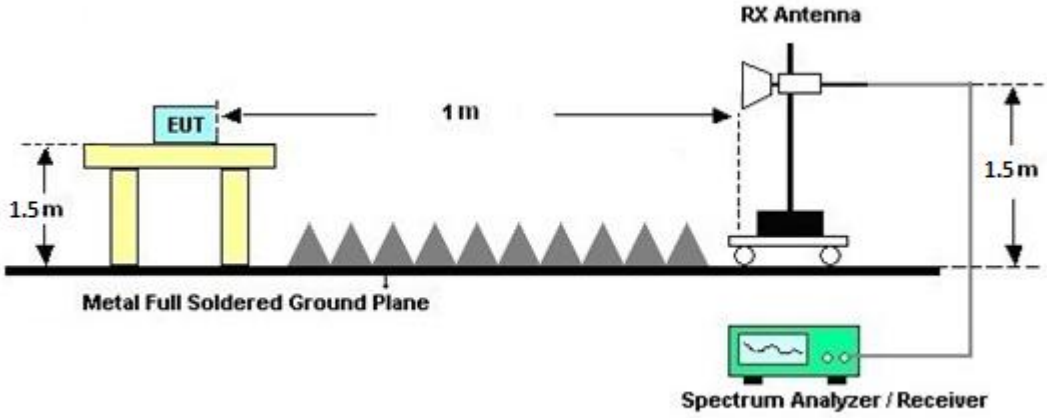
For radiated emissions from 30MHz to 1GHz



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.

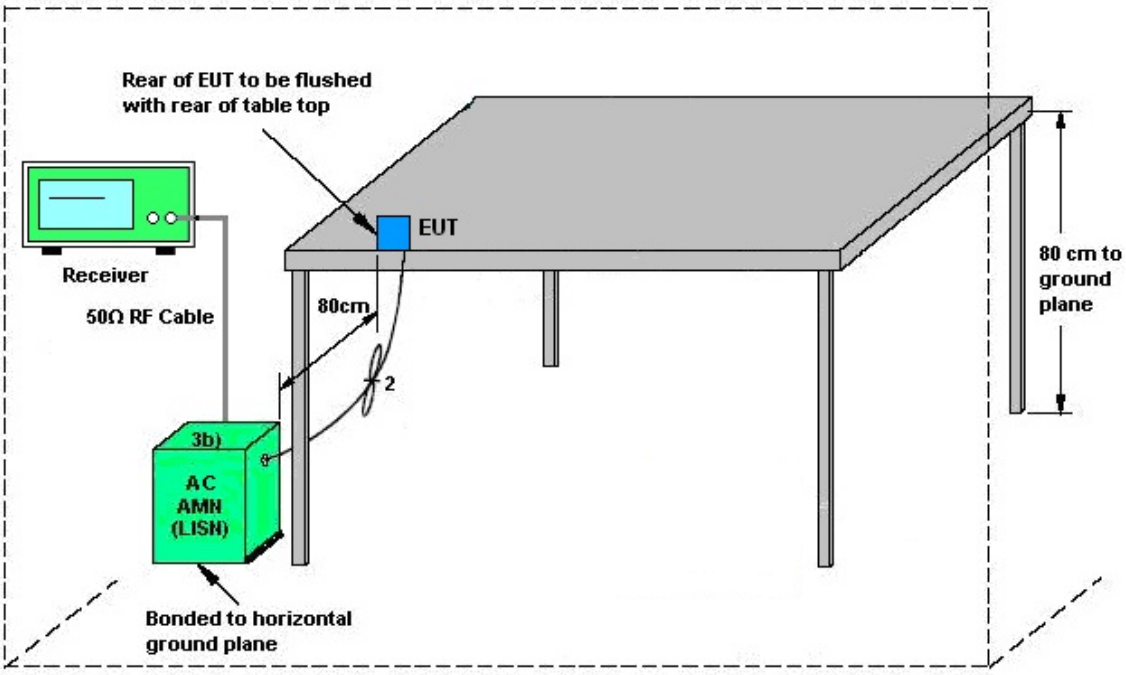
3.5.2 Measuring Instruments

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	R&S	HFH2-Z2E	100840	9kHz~30MHz	Jun. 29, 2023	Nov. 20, 2023~ Apr. 05, 2024	Jun. 28, 2024	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Sep. 05, 2023	Nov. 20, 2023~ Apr. 05, 2024	Sep. 04, 2024	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02140	1GHz~18GHz	Jan. 09, 2023	Nov. 20, 2023~ Jan. 07, 2024	Jan. 08, 2024	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02140	1GHz~18GHz	Jan. 29, 2024	Feb. 23, 2024~ Apr. 05, 2024	Jan. 28, 2025	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02113	1GHz~18GHz	Jun. 07, 2023	Jan. 08, 2024~ Apr. 05, 2024	Jun. 06, 2024	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA9170	00842	18GHz~40GHz	Aug. 22, 2023	Nov. 20, 2023~ Apr. 05, 2024	Aug. 21, 2024	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	May 03, 2023	Nov. 20, 2023~ Apr. 05, 2024	May 02, 2024	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	May 04, 2023	Nov. 20, 2023~ Apr. 05, 2024	May 03, 2024	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900252	1GHz~18GHz	May 23, 2023	Nov. 20, 2023~ Apr. 05, 2024	May 22, 2024	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz~40GHz	May 04, 2023	Nov. 20, 2023~ Apr. 05, 2024	May 03, 2024	Radiation (03CH02-CA)
RF Cable	HUBER+SUHNER	SUCOFLEX 102	804209/2, 802406/2, 802875/2, 802952/2	N/A	Oct. 13, 2023	Nov. 20, 2023~ Apr. 05, 2024	Oct. 12, 2024	Radiation (03CH02-CA)
High Pass Filter	WOKEN	WFIL-H6500-26500F	WR67BWC4B1	6.5G-26.5G	Jun. 05, 2023	Nov. 20, 2023~ Apr. 05, 2024	Jun. 04, 2024	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN2	1.2GHz Low Pass Filter	Jun. 05, 2023	Nov. 20, 2023~ Apr. 05, 2024	Jun. 04, 2024	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 30, 2023	Nov. 20, 2023~ Apr. 05, 2024	Aug. 29, 2024	Radiation (03CH02-CA)
Controller	ChainTek	EM-1000	060876	NA	N/A	Nov. 20, 2023~ Apr. 05, 2024	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Nov. 20, 2023~ Apr. 05, 2024	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Nov. 20, 2023~ Apr. 05, 2024	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Nov. 20, 2023~ Apr. 05, 2024	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. 26, 2023	Mar. 22,2024~ Jul. 06, 2024	Jul. 25, 2024	Conducted (TH01-CA)
Power Sensor	Raditeq	RPR3006W#10	RPR6W-2101 003	10MHz-8GHz	May 04, 2023	Mar. 22,2024~ Apr. 24, 2024	May 03, 2024	Conducted (TH01-CA)
Power Sensor	Raditeq	RPR3006W	RPR6W-1901 024	10MHz-8GHz	Apr. 25, 2024	Apr. 25, 2024~ Jul. 06, 2024	Apr. 24, 2025	Conducted (TH01-CA)
Switch Box	EM Electronics	EMSW26	1070902	N/A	Oct. 09, 2023	Mar. 22,2024~ Jul. 06, 2024	Oct. 08, 2024	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101089	10Hz-40GHz	May 22, 2023	Mar. 22,2024~ Apr. 23, 2024	May 21, 2024	Conducted (TH01-CA)
Spectrum Analyzer	R&S	FSV40	101089	10Hz~40GHz	Apr. 24, 2024	Apr. 24, 2024~ Jul. 06, 2024	Apr. 23, 2025	Conducted (TH01-CA)
LISN	TESEQ	NNB51	47415	N/A	Aug. 04, 2023	Feb. 13, 2024	Aug. 03, 2024	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9kHz~7GHz	May 23, 2023	Feb. 13, 2024	May 22, 2024	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F-N00412	N/A	Jun. 05, 2023	Feb. 13, 2024	Jun. 04, 2024	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Feb. 13, 2024	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))	3.8 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

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

Uncertainty of Radiated Emission Measurement (6000 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:	Ju Chang, Venkata Kondepudi and Ching Chen	Temperature:	17.5~23.9	°C
Test Date:	2024/03/22~2024/07/06	Relative Humidity:	28.03~52.1%	%

<2x2 Mode>

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 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	36	5180	17.08	17.02	22.88	22.56	-		22.31		-	
11a	6Mbps	2	44	5220	17.15	17.13	22.72	23.36	-		22.34			
11a	6Mbps	2	48	5240	17.16	17.08	22.64	23.12	-		22.33			

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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	36	5180	18.99	19.06	22.04	30.00		4.40			Pass
11a	6Mbps	2	44	5220	22.16	22.25	25.22	30.00		4.40			Pass
11a	6Mbps	2	48	5240	22.36	22.45	25.42	30.00		4.40			Pass
HT20	MCS0	2	36	5180	18.50	18.50	21.51	30.00		4.40			Pass
HT20	MCS0	2	44	5220	22.26	22.15	25.22	30.00		4.40			Pass
HT20	MCS0	2	48	5240	22.56	22.55	25.57	30.00		4.40			Pass
HT40	MCS0	2	38	5190	18.03	18.26	21.16	30.00		4.40			Pass
HT40	MCS0	2	46	5230	20.92	21.23	24.09	30.00		4.40		-	Pass
VHT20	MCS0	2	36	5180	18.47	18.48	21.49	30.00		4.40			Pass
VHT20	MCS0	2	44	5220	22.16	22.15	25.17	30.00		4.40			Pass
VHT20	MCS0	2	48	5240	22.46	22.55	25.52	30.00		4.40			Pass
VHT40	MCS0	2	38	5190	18.01	18.24	21.14	30.00		4.40			Pass
VHT40	MCS0	2	46	5230	20.90	21.21	24.07	30.00		4.40			Pass
VHT80	MCS0	2	42	5210	18.94	19.20	22.08	30.00		4.40			Pass
VHT160	MCS0	2	50	5250	17.65	17.37	20.52	30.00		4.40			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 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3			
11a	6Mbps	2	36	5180	0.03	0.00	-		9.90	17.00		4.40		-		Pass
11a	6Mbps	2	44	5220	0.03	0.00			13.36	17.00		4.40				Pass
11a	6Mbps	2	48	5240	0.03	0.00			13.69	17.00		4.40				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 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	52	5260	17.05	16.98	22.56	22.72	23.30		29.30		23.98		-
11a	6Mbps	2	60	5300	17.06	17.00	22.48	22.64	23.31		29.31		23.98		
11a	6Mbps	2	64	5320	17.06	16.97	22.56	22.64	23.30		29.30		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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	52	5260	19.76	19.82	22.80	23.98		3.40		30	Pass
11a	6Mbps	2	60	5300	19.36	19.72	22.55	23.98		3.40		30	Pass
11a	6Mbps	2	64	5320	19.76	19.82	22.80	23.98		3.40		30	Pass
HT20	MCS0	2	52	5260	19.76	19.82	22.80	23.98		3.40		30	Pass
HT20	MCS0	2	60	5300	19.96	20.12	23.05	23.98		3.40		30	Pass
HT20	MCS0	2	64	5320	19.55	19.38	22.48	23.98		3.40		30	Pass
HT40	MCS0	2	54	5270	20.56	20.62	23.60	23.98		3.40		30	Pass
HT40	MCS0	2	62	5310	18.83	18.54	21.70	23.98		3.40		30	Pass
VHT20	MCS0	2	52	5260	19.66	19.82	22.75	23.98		3.40		30	Pass
VHT20	MCS0	2	60	5300	19.86	20.12	23.00	23.98		3.40		30	Pass
VHT20	MCS0	2	64	5320	19.55	19.36	22.47	23.98		3.40		30	Pass
VHT40	MCS0	2	54	5270	20.46	20.62	23.55	23.98		3.40		30	Pass
VHT40	MCS0	2	62	5310	18.84	18.55	21.71	23.98		3.40		30	Pass
VHT80	MCS0	2	58	5290	19.34	19.17	22.27	23.98		3.40		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 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	52	5260	0.03	0.00	-		10.75	11.00		3.40		-	Pass
11a	6Mbps	2	60	5300	0.03	0.00			10.46	11.00		3.40			Pass
11a	6Mbps	2	64	5320	0.03	0.00			10.75	11.00		3.40			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)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3
11a	6Mbps	2	100	5500	17.05	16.97	22.56	22.72	23.30		29.30		23.98		----	----
11a	6Mbps	2	116	5580	17.06	16.97	22.48	22.72	23.30		29.30		23.98		----	----
11a	6Mbps	2	140	5700	17.07	16.98	23.36	22.64	23.30		29.30		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 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3
11a	6Mbps	2	144	5720	13.55	13.48	16.12	16.28	22.30		28.30		23.07		3.25	3.25

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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	100	5500	20.02	19.83	22.94	23.98		3.40		30	Pass
11a	6Mbps	2	116	5580	19.82	19.73	22.79	23.98		3.40		30	Pass
11a	6Mbps	2	140	5700	19.52	19.63	22.59	23.98		3.40		30	Pass
HT20	MCS0	2	100	5500	19.03	19.06	22.06	23.98		3.40		30	Pass
HT20	MCS0	2	116	5580	20.12	19.93	23.04	23.98		3.40		30	Pass
HT20	MCS0	2	140	5700	19.62	19.93	22.79	23.98		3.40		30	Pass
HT40	MCS0	2	102	5510	19.68	19.46	22.58	23.98		3.40		30	Pass
HT40	MCS0	2	110	5550	20.82	20.73	23.79	23.98		3.40		30	Pass
HT40	MCS0	2	134	5670	20.52	20.33	23.44	23.98		3.40		30	Pass
VHT20	MCS0	2	100	5500	19.01	18.95	21.99	23.98		3.40		30	Pass
VHT20	MCS0	2	116	5580	20.02	19.93	22.99	23.98		3.40		30	Pass
VHT20	MCS0	2	140	5700	19.62	19.83	22.74	23.98		3.40		30	Pass
VHT40	MCS0	2	102	5510	19.65	19.48	22.58	23.98		3.40		30	Pass
VHT40	MCS0	2	110	5550	20.72	20.73	23.74	23.98		3.40		30	Pass
VHT40	MCS0	2	134	5670	20.42	20.33	23.39	23.98		3.40		30	Pass
VHT80	MCS0	2	106	5530	19.28	18.97	22.14	23.98		3.40		30	Pass
VHT80	MCS0	2	122	5610	18.48	18.29	21.40	23.98		3.40		30	Pass
VHT160	MCS0	2	114	5570	18.60	18.40	21.51	23.98		3.40		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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	144	5720	19.62	19.73	22.69	23.07		3.40		30	Pass
HT20	MCS0	2	144	5720	19.82	19.93	22.89	23.98		3.40		30	Pass
HT40	MCS0	2	142	5710	20.62	20.63	23.64	23.98		3.40		30	Pass
VHT20	MCS0	2	144	5720	19.72	19.93	22.84	23.98		3.40		30	Pass
VHT40	MCS0	2	142	5710	20.62	20.53	23.59	23.98		3.40		30	Pass
VHT80	MCS0	2	138	5690	20.72	20.83	23.79	23.98		3.40		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 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	100	5500	0.03	0.00	-		10.71	11.00		3.40		-	Pass
11a	6Mbps	2	116	5580	0.03	0.00			10.59	11.00		3.40			Pass
11a	6Mbps	2	140	5700	0.03	0.00			10.35	11.00		3.40			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 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	144	5720	0.03	0.00	-		10.45	11.00		3.40		-	Pass

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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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
HE20	MCS0	2	36	5180	Full	18.54	18.52	21.54	30.00		4.40		-	Pass
HE20	MCS0	2	44	5220	Full	22.16	22.15	25.17	30.00		4.40			Pass
HE20	MCS0	2	48	5240	Full	22.46	22.55	25.52	30.00		4.40			Pass
HE40	MCS0	2	38	5190	Full	17.91	18.23	21.08	30.00		4.40			Pass
HE40	MCS0	2	46	5230	Full	20.84	21.21	24.04	30.00		4.40			Pass
HE80	MCS0	2	42	5210	Full	18.98	19.18	22.09	30.00		4.40			Pass
HE160	MCS0	2	50	5250	Full	17.56	17.34	20.46	30.00		4.40			Pass

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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
HE20	MCS0	2	52	5260	Full	19.66	19.82	22.75	23.98		3.40		30	Pass
HE20	MCS0	2	60	5300	Full	19.86	20.12	23.00	23.98		3.40		30	Pass
HE20	MCS0	2	64	5320	Full	19.62	19.56	22.60	23.98		3.40		30	Pass
HE40	MCS0	2	54	5270	Full	20.46	20.62	23.55	23.98		3.40		30	Pass
HE40	MCS0	2	62	5310	Full	18.83	18.53	21.69	23.98		3.40		30	Pass
HE80	MCS0	2	58	5290	Full	19.39	19.10	22.26	23.98		3.40		30	Pass

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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
HE20	MCS0	2	100	5500	Full	19.18	19.08	22.14	23.98		3.40		30	Pass
HE20	MCS0	2	116	5580	Full	20.02	19.93	22.99	23.98		3.40		30	Pass
HE20	MCS0	2	140	5700	Full	19.62	19.83	22.74	23.98		3.40		30	Pass
HE40	MCS0	2	102	5510	Full	19.65	19.48	22.58	23.98		3.40		30	Pass
HE40	MCS0	2	110	5550	Full	20.72	20.73	23.74	23.98		3.40		30	Pass
HE40	MCS0	2	134	5670	Full	20.42	20.33	23.39	23.98		3.40		30	Pass
HE80	MCS0	2	106	5530	Full	19.22	18.95	22.10	23.98		3.40		30	Pass
HE80	MCS0	2	122	5610	Full	18.43	18.35	21.40	23.98		3.40		30	Pass
HE160	MCS0	2	114	5570	Full	18.56	18.37	21.48	23.98		3.40		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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
HE20	MCS0	2	144	5720	Full	19.72	19.93	22.84	23.98		3.40		30	Pass
HE40	MCS0	2	142	5710	Full	20.62	20.53	23.59	23.98		3.40		30	Pass
HE80	MCS0	2	138	5690	Full	20.72	20.83	23.79	23.98		3.40		30	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 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	36	5180	Full	19.15	19.15	22.96	23.36	-		22.82		-	-
EHT20	MCS0	2	44	5220	Full	19.22	19.24	25.04	23.68	-		22.84			
EHT20	MCS0	2	48	5240	Full	19.20	19.22	23.68	23.84	-		22.83			
EHT40	MCS0	2	38	5190	Full	38.51	38.55	45.60	46.08	-		23.01			
EHT40	MCS0	2	46	5230	Full	38.55	38.58	44.96	45.92	-		23.01			
EHT80	MCS0	2	42	5210	Full	77.91	77.86	89.92	89.28	-		23.01			
EHT160	MCS0	2	50	5250	Full	157.86	157.78	172.80	172.80	-		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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	36	5180	Full	18.53	18.55	21.55	30.00		4.40		-	Pass
EHT20	MCS0	2	44	5220	Full	22.36	22.25	25.32	30.00		4.40			Pass
EHT20	MCS0	2	48	5240	Full	22.66	22.65	25.67	30.00		4.40			Pass
EHT40	MCS0	2	38	5190	Full	18.27	18.58	21.44	30.00		4.40			Pass
EHT40	MCS0	2	46	5230	Full	21.26	21.71	24.50	30.00		4.40			Pass
EHT80	MCS0	2	42	5210	Full	19.02	19.19	22.12	30.00		4.40			Pass
EHT160	MCS0	2	50	5250	Full	17.73	17.40	20.58	30.00		4.40			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 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	36	5180	Full	0.00	0.00			8.93	17.00		4.40			Pass
EHT20	MCS0	2	44	5220	Full	0.00	0.00			12.85	17.00		4.40			Pass
EHT20	MCS0	2	48	5240	Full	0.00	0.00			13.12	17.00		4.40			Pass
EHT40	MCS0	2	38	5190	Full	0.00	0.00	-		6.10	17.00		4.40		-	Pass
EHT40	MCS0	2	46	5230	Full	0.00	0.00			8.88	17.00		4.40			Pass
EHT80	MCS0	2	42	5210	Full	0.00	0.00			3.80	17.00		4.40			Pass
EHT160	MCS0	2	50	5250	Full	0.00	0.00			-0.40	17.00		4.40			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 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	
EHT20	MCS0	2	52	5260	Full	19.17	19.14	23.92	23.28	23.82		29.82		23.98		-
EHT20	MCS0	2	60	5300	Full	19.15	19.14	23.84	23.12	23.82		29.82		23.98		
EHT20	MCS0	2	64	5320	Full	19.15	19.14	23.36	22.96	23.82		29.82		23.98		
EHT40	MCS0	2	54	5270	Full	38.55	38.60	46.56	46.08	23.98		30.00		23.98		
EHT40	MCS0	2	62	5310	Full	38.54	38.53	45.28	45.60	23.98		30.00		23.98		
EHT80	MCS0	2	58	5290	Full	77.87	77.85	90.56	88.00	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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	52	5260	Full	19.86	19.92	22.90	23.98		3.40		30	Pass
EHT20	MCS0	2	60	5300	Full	20.06	20.22	23.15	23.98		3.40		30	Pass
EHT20	MCS0	2	64	5320	Full	19.69	19.51	22.61	23.98		3.40		30	Pass
EHT40	MCS0	2	54	5270	Full	20.66	20.72	23.70	23.98		3.40		30	Pass
EHT40	MCS0	2	62	5310	Full	18.93	18.89	21.92	23.98		3.40		30	Pass
EHT80	MCS0	2	58	5290	Full	19.44	19.13	22.30	23.98		3.40		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 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	52	5260	Full	0.00	0.00	-		10.35	11.00		3.40		-	Pass
EHT20	MCS0	2	60	5300	Full	0.00	0.00			10.48	11.00		3.40			Pass
EHT20	MCS0	2	64	5320	Full	0.00	0.00			9.86	11.00		3.40			Pass
EHT40	MCS0	2	54	5270	Full	0.00	0.00			10.05	11.00		3.40			Pass
EHT40	MCS0	2	62	5310	Full	0.00	0.00			6.32	11.00		3.40			Pass
EHT80	MCS0	2	58	5290	Full	0.00	0.00			3.94	11.00		3.40			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)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3
EHT20	MCS0	2	100	5500	Full	19.16	19.15	23.28	23.84	23.82		29.82		23.98		----	----
EHT20	MCS0	2	116	5580	Full	19.15	19.16	23.36	23.28	23.82		29.82		23.98		----	----
EHT20	MCS0	2	140	5700	Full	19.15	19.18	23.84	23.04	23.82		29.82		23.98		----	----
EHT40	MCS0	2	102	5510	Full	38.51	38.52	44.96	46.40	23.98		30.00		23.98		----	----
EHT40	MCS0	2	110	5550	Full	38.53	38.52	45.28	45.44	23.98		30.00		23.98		----	----
EHT40	MCS0	2	134	5670	Full	38.51	38.54	45.92	46.08	23.98		30.00		23.98		----	----
EHT80	MCS0	2	106	5530	Full	77.85	77.88	90.88	90.24	23.98		30.00		23.98		----	----
EHT80	MCS0	2	122	5610	Full	77.81	77.93	89.60	90.56	23.98		30.00		23.98		----	----
EHT160	MCS0	2	114	5570	Full	157.69	157.66	173.28	172.80	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 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3
EHT20	MCS0	2	144	5720	Full	14.55	14.56	16.84	16.52	22.63		28.63		23.18		4.6	4.6
EHT40	MCS0	2	142	5710	Full	34.22	34.19	37.56	37.56	23.98		30.00		23.98		4.26	4.26
EHT80	MCS0	2	138	5690	Full	73.84	73.86	78.84	80.12	23.98		30.00		23.98		4.2	4.36

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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	100	5500	Full	19.18	19.09	22.15	23.98		3.40		30	Pass
EHT20	MCS0	2	116	5580	Full	20.22	20.03	23.14	23.98		3.40		30	Pass
EHT20	MCS0	2	140	5700	Full	19.72	20.03	22.89	23.98		3.40		30	Pass
EHT40	MCS0	2	102	5510	Full	19.78	19.84	22.82	23.98		3.40		30	Pass
EHT40	MCS0	2	110	5550	Full	20.92	20.83	23.89	23.98		3.40		30	Pass
EHT40	MCS0	2	134	5670	Full	20.62	20.43	23.54	23.98		3.40		30	Pass
EHT80	MCS0	2	106	5530	Full	19.28	19.02	22.16	23.98		3.40		30	Pass
EHT80	MCS0	2	122	5610	Full	18.48	18.32	21.41	23.98		3.40		30	Pass
EHT160	MCS0	2	114	5570	Full	18.57	18.46	21.53	23.98		3.40		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 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	144	5720	Full	19.92	20.03	22.99	23.18		3.40		30	Pass
EHT40	MCS0	2	142	5710	Full	20.72	20.73	23.74	23.98		3.40		30	Pass
EHT80	MCS0	2	138	5690	Full	20.82	20.93	23.89	23.98		3.40		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 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	100	5500	Full	0.00	0.00	-		9.80	11.00		3.40		-	Pass
EHT20	MCS0	2	116	5580	Full	0.00	0.00			10.60	11.00		3.40			Pass
EHT20	MCS0	2	140	5700	Full	0.00	0.00			10.40	11.00		3.40			Pass
EHT40	MCS0	2	102	5510	Full	0.00	0.00			7.69	11.00		3.40			Pass
EHT40	MCS0	2	110	5550	Full	0.00	0.00			8.39	11.00		3.40			Pass
EHT40	MCS0	2	134	5670	Full	0.00	0.00			8.10	11.00		3.40			Pass
EHT80	MCS0	2	106	5530	Full	0.00	0.00			4.01	11.00		3.40			Pass
EHT80	MCS0	2	122	5610	Full	0.00	0.00			3.42	11.00		3.40			Pass
EHT160	MCS0	2	114	5570	Full	0.00	0.00			0.58	11.00		3.40			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 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	144	5720	Full	0.00	0.00	-		10.39	11.00		3.40		-	Pass
EHT40	MCS0	2	142	5710	Full	0.00	0.00			8.51	11.00		3.40			Pass
EHT80	MCS0	2	138	5690	Full	0.00	0.00			5.62	11.00		3.40			Pass

<4x4 Mode>

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO 4Tx Mode													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
					Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	
11a	6Mbps	4	36	5180	17.01	16.95	17.02	17.02	22.52	22.34	22.66	22.59	-
11a	6Mbps	4	44	5220	17.03	16.98	17.01	17.02	22.61	22.80	22.90	22.52	
11a	6Mbps	4	48	5240	17.03	17.00	17.01	17.03	22.41	22.38	22.95	22.33	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO 4Tx Mode																			
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)					Pass/Fail
					Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	36	5180	19.74	19.64	20.55	20.55	26.16	30.00				4.40				-	Pass
11a	6Mbps	4	44	5220	21.70	21.71	21.53	21.81	27.71	30.00				4.40					Pass
11a	6Mbps	4	48	5240	21.84	21.87	21.44	21.90	27.79	30.00				4.40					Pass
HT20	MCS0	4	36	5180	19.09	19.16	19.99	20.06	25.62	30.00				4.40					Pass
HT20	MCS0	4	44	5220	21.95	22.31	22.16	22.32	28.21	30.00				4.40					Pass
HT20	MCS0	4	48	5240	22.35	22.46	22.13	22.32	28.34	30.00				4.40					Pass
HT40	MCS0	4	38	5190	18.37	18.36	18.98	19.10	24.55	30.00				4.40					Pass
HT40	MCS0	4	46	5230	20.76	21.18	20.84	20.96	27.01	30.00				4.40					Pass
VHT20	MCS0	4	36	5180	19.13	19.24	19.92	19.90	25.58	30.00				4.40					Pass
VHT20	MCS0	4	44	5220	22.06	22.41	22.07	22.10	28.18	30.00				4.40					Pass
VHT20	MCS0	4	48	5240	22.40	22.57	22.12	22.10	28.32	30.00				4.40					Pass
VHT40	MCS0	4	38	5190	18.03	17.99	18.51	18.67	24.33	30.00				4.40					Pass
VHT40	MCS0	4	46	5230	20.76	21.21	20.86	20.94	26.97	30.00				4.40					Pass
VHT80	MCS0	4	42	5210	19.07	18.79	19.15	19.38	25.12	30.00				4.40					Pass
VHT160	MCS0	4	50	5250	17.29	16.99	16.63	16.72	22.94	30.00				4.40					Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO 4Tx Mode																							
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)				Average Power Density with Duty Factor (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)					Pass /Fail
					Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	36	5180	0.03	0.03	0.03	0.03	-				14.08	16.79				6.21				-	Pass
11a	6Mbps	4	44	5220	0.03	0.03	0.03	0.03	-				15.46	16.79				6.21					Pass
11a	6Mbps	4	48	5240	0.03	0.03	0.03	0.03	-				15.28	16.79				6.21					Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO 4Tx Mode																		
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				Note
					Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	
11a	6Mbps	4	52	5260	17.03	17.01	17.02	17.02	22.53	22.78	22.93	22.54	23.98				-
11a	6Mbps	4	60	5300	17.05	17.03	17.00	17.01	22.57	22.74	22.65	22.54	23.98				
11a	6Mbps	4	64	5320	17.04	17.03	17.00	17.01	22.59	22.58	22.55	22.60	23.98				

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO 4Tx Mode																			
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 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	52	5260	16.87	16.80	16.37	16.48	22.66	23.98				3.40				30.00	Pass
11a	6Mbps	4	60	5300	16.75	16.76	16.21	16.70	22.63	23.98				3.40				30.00	Pass
11a	6Mbps	4	64	5320	16.69	16.64	16.32	16.40	22.54	23.98				3.40				30.00	Pass
HT20	MCS0	4	52	5260	17.57	17.40	16.97	17.06	23.28	23.98				3.40				30.00	Pass
HT20	MCS0	4	60	5300	17.44	17.02	16.6	16.64	22.96	23.98				3.40				30.00	Pass
HT20	MCS0	4	64	5320	16.53	16.22	15.73	15.78	22.10	23.98				3.40				30.00	Pass
HT40	MCS0	4	54	5270	17.76	17.56	16.97	17.09	23.49	23.98				3.40				30.00	Pass
HT40	MCS0	4	62	5310	17.82	17.05	16.77	16.78	23.21	23.98				3.40				30.00	Pass
VHT20	MCS0	4	52	5260	17.69	17.48	16.96	17.11	23.34	23.98				3.40				30.00	Pass
VHT20	MCS0	4	60	5300	17.43	17.05	16.63	16.65	22.97	23.98				3.40				30.00	Pass
VHT20	MCS0	4	64	5320	16.56	16.26	15.72	15.82	22.12	23.98				3.40				30.00	Pass
VHT40	MCS0	4	54	5270	17.73	17.57	16.93	17.01	23.34	23.98				3.40				30.00	Pass
VHT40	MCS0	4	62	5310	18.25	17.49	17.29	17.11	23.58	23.98				3.40				30.00	Pass
VHT80	MCS0	4	58	5290	17.59	17.43	17	17.08	23.30	23.98				3.40				30.00	Pass
VHT160	MCS0	4	50	5250	17.29	16.99	16.63	16.72	22.94	23.98				3.40				30.00	Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO 4Tx Mode																									
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 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	52	5260	0.03	0.03	0.03	0.03	-				10.51	11.00				5.91				-	Pass
11a	6Mbps	4	60	5300	0.03	0.03	0.03	0.03	-				10.56	11.00				5.91					Pass
11a	6Mbps	4	64	5320	0.03	0.03	0.03	0.03	-				10.45	11.00				5.91					Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO 4Tx Mode																					
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)				26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)							
					Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2				
11a	6Mbps	4	100	5500	17.06	17.03	17.01	17.01	22.60	22.82	22.41	23.14	23.98							
11a	6Mbps	4	116	5580	17.05	17.02	17.00	17.02	22.55	22.79	22.93	22.50	23.98							
11a	6Mbps	4	140	5700	17.04	17.02	17.02	17.01	22.59	22.87	22.91	22.53	23.98				----			

U-NII-2C straddle channel MIMO 4Tx Mode																				
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)				26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2
11a	6Mbps	4	144	5720	13.56	13.52	13.53	13.53	16.24	16.25	16.23	16.18	23.11				3.17	3.16	3.18	3.17

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO 4Tx Mode																				
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 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	100	5500	16.31	16.32	16.48	16.94	22.54	23.98				3.40				30.00	Pass
11a	6Mbps	4	116	5580	16.18	16.10	16.45	16.86	22.43	23.98				3.40				30.00	Pass
11a	6Mbps	4	140	5700	16.76	16.75	15.98	16.96	22.65	23.98				3.40				30.00	Pass
HT20	MCS0	4	100	5500	15.73	15.74	16.12	16.28	21.99	23.98				3.40				30.00	Pass
HT20	MCS0	4	116	5580	15.55	15.48	15.85	16.3	21.83	23.98				3.40				30.00	Pass
HT20	MCS0	4	140	5700	16.71	16.67	15.86	16.98	22.60	23.98				3.40				30.00	Pass
HT40	MCS0	4	102	5510	17.28	17.21	17.72	17.82	23.38	23.98				3.40				30.00	Pass
HT40	MCS0	4	110	5550	17.26	17.07	17.49	17.72	23.25	23.98				3.40				30.00	Pass
HT40	MCS0	4	134	5670	17.44	17.16	17.7	17.71	23.39	23.98				3.40				30.00	Pass
VHT20	MCS0	4	100	5500	15.66	15.69	16.01	16.27	21.94	23.98				3.40				30.00	Pass
VHT20	MCS0	4	116	5580	15.47	15.35	15.77	16.23	21.74	23.98				3.40				30.00	Pass
VHT20	MCS0	4	140	5700	16.69	16.62	15.78	17.01	22.57	23.98				3.40				30.00	Pass
VHT40	MCS0	4	102	5510	17.22	17.17	17.69	17.68	23.47	23.98				3.40				30.00	Pass
VHT40	MCS0	4	110	5550	17.21	17.04	17.44	17.77	23.39	23.98				3.40				30.00	Pass
VHT40	MCS0	4	134	5670	17.33	17.10	17.68	17.64	23.46	23.98				3.40				30.00	Pass
VHT80	MCS0	4	106	5530	16.83	16.82	17.21	17.44	23.10	23.98				3.40				30.00	Pass
VHT80	MCS0	4	122	5610	17.11	16.88	17.02	17.25	23.09	23.98				3.40				30.00	Pass
VHT160	MCS0	4	114	5570	16.58	16.60	16.83	17.19	22.83	23.98				3.40				30.00	Pass

FCC U-NII-2C straddle channel MIMO 4Tx Mode																				
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 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	144	5720	16.46	16.30	16.17	16.81	22.46	23.11				3.40				30.00	Pass
HT20	MCS0	4	144	5720	16.33	16.32	16.19	16.77	22.43	23.98				3.40				30.00	Pass
HT40	MCS0	4	142	5710	17.63	17.53	16.54	17.81	23.35	23.98				3.40				30.00	Pass
VHT20	MCS0	4	144	5720	16.38	16.16	16.11	16.76	22.38	23.98				3.40				30.00	Pass
VHT40	MCS0	4	142	5710	17.66	17.44	16.56	17.86	23.43	23.98				3.40				30.00	Pass
VHT80	MCS0	4	138	5690	17.40	17.21	17.03	17.64	23.35	23.98				3.40				30.00	Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO 4Tx Mode																							
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 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	100	5500	0.03	0.03	0.03	0.03	-				10.43	11.00				5.91				-	Pass
11a	6Mbps	4	116	5580	0.03	0.03	0.03	0.03	-				10.15	11.00				5.91					Pass
11a	6Mbps	4	140	5700	0.03	0.03	0.03	0.03	-				10.45	11.00				5.91					Pass

U-NII-2C straddle channel MIMO 4Tx Mode																							
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 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	144	5720	0.03	0.03	0.03	0.03	-				10.53	11.00				5.91				-	Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO 4Tx Mode																				
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)					Pass/Fail
						Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
HE20	MCS0	4	36	5180	Full	19.20	19.39	20.12	20.24	25.78	30.00				4.40					Pass
HE20	MCS0	4	44	5220	Full	22.11	22.46	22.22	22.40	28.32	30.00				4.40					Pass
HE20	MCS0	4	48	5240	Full	22.46	22.60	22.28	22.48	28.48	30.00				4.40					Pass
HE40	MCS0	4	38	5190	Full	17.99	17.96	18.53	18.63	24.31	30.00				4.40				-	Pass
HE40	MCS0	4	46	5230	Full	20.70	21.14	20.79	21.01	26.93	30.00				4.40					Pass
HE80	MCS0	4	42	5210	Full	19.02	18.76	19.17	19.36	25.10	30.00				4.40					Pass
HE160	MCS0	4	50	5250	Full	17.25	17.04	16.55	16.67	22.91	30.00				4.40					Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO 4Tx Mode																				
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 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
HE20	MCS0	4	52	5260	Full	17.73	17.67	17.13	17.17	23.45	23.98				3.40				30.00	Pass
HE20	MCS0	4	60	5300	Full	17.58	17.26	16.68	16.84	23.13	23.98				3.40				30.00	Pass
HE20	MCS0	4	64	5320	Full	16.65	16.47	15.76	15.95	22.24	23.98				3.40				30.00	Pass
HE40	MCS0	4	54	5270	Full	17.73	17.44	16.95	17.04	23.32	23.98				3.40				30.00	Pass
HE40	MCS0	4	62	5310	Full	18.28	17.53	-	17.14	23.58	23.98				3.40				30.00	Pass
HE80	MCS0	4	58	5290	Full	17.54	17.45	17.04	16.99	23.28	23.98				3.40				30.00	Pass
HE160	MCS0	4	50	5250	Full	17.25	17.04	16.55	16.67	22.91	23.98				3.40				30.00	Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO 4Tx Mode																				
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 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
HE20	MCS0	4	100	5500	Full	15.81	15.90	16.22	16.41	22.11	23.98				3.40				30.00	Pass
HE20	MCS0	4	116	5580	Full	15.59	15.52	15.93	16.44	21.91	23.98				3.40				30.00	Pass
HE20	MCS0	4	140	5700	Full	16.82	16.74	15.93	17.18	22.71	23.98				3.40				30.00	Pass
HE40	MCS0	4	102	5510	Full	17.26	17.12	17.61	17.74	23.46	23.98				3.40				30.00	Pass
HE40	MCS0	4	110	5550	Full	17.16	17.10	17.50	17.70	23.39	23.98				3.40				30.00	Pass
HE40	MCS0	4	134	5670	Full	17.36	17.05	17.64	17.64	23.45	23.98				3.40				30.00	Pass
HE80	MCS0	4	106	5530	Full	16.88	16.72	17.09	17.39	23.05	23.98				3.40				30.00	Pass
HE80	MCS0	4	122	5610	Full	17.06	16.84	17.07	17.22	23.07	23.98				3.40				30.00	Pass
HE160	MCS0	4	114	5570	Full	16.53	16.53	16.75	17.10	22.75	23.98				3.40				30.00	Pass

FCC U-NII-2C straddle channel MIMO 4Tx Mode																				
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 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
HE20	MCS0	4	144	5720	Full	16.44	16.27	16.28	16.82	22.48	23.98				3.40				30.00	Pass
HE40	MCS0	4	142	5710	Full	17.77	17.44	16.56	17.86	23.46	23.98				3.40				30.00	Pass
HE80	MCS0	4	138	5690	Full	17.35	17.12	17.1	17.55	23.30	23.98				3.40				30.00	Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO 4Tx Mode														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
						Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	
EHT20	MCS0	4	36	5180	Full	19.12	19.12	19.13	19.16	23.18	23.27	23.42	23.64	-
EHT20	MCS0	4	44	5220	Full	19.15	19.14	19.13	19.16	23.33	23.28	23.58	23.29	
EHT20	MCS0	4	48	5240	Full	19.15	19.13	19.15	19.17	22.97	23.15	23.54	23.60	
EHT40	MCS0	4	38	5190	Full	38.60	38.61	38.50	38.51	45.31	46.22	46.08	45.54	
EHT40	MCS0	4	46	5230	Full	38.53	38.55	38.47	38.49	45.18	45.30	45.10	45.09	
EHT80	MCS0	4	42	5210	Full	77.88	77.93	77.81	77.85	89.31	90.43	90.85	89.38	
EHT160	MCS0	4	50	5250	Full	157.78	158.00	157.59	157.62	175.58	173.04	173.52	173.38	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO 4Tx Mode																				
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)					Pass/Fail
						Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	36	5180	Full	19.30	19.30	20.17	20.24	25.80	30.00				4.40					Pass
EHT20	MCS0	4	44	5220	Full	22.08	22.44	22.36	22.36	28.33	30.00				4.40					Pass
EHT20	MCS0	4	48	5240	Full	22.45	22.61	22.34	22.46	28.49	30.00				4.40					Pass
EHT40	MCS0	4	38	5190	Full	18.15	18.04	18.90	19.01	24.57	30.00				4.40				-	Pass
EHT40	MCS0	4	46	5230	Full	21.23	21.40	21.10	21.30	27.28	30.00				4.40					Pass
EHT80	MCS0	4	42	5210	Full	19.10	18.77	19.21	19.39	25.14	30.00				4.40					Pass
EHT160	MCS0	4	50	5250	Full	17.32	17.09	16.78	16.76	23.01	30.00				4.40					Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO 4Tx Mode																									
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 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	36	5180	Full	0.00	0.00	0.00	0.00	-				13.15	16.79				6.21				-	Pass
EHT20	MCS0	4	44	5220	Full	0.00	0.00	0.00	0.00	-				15.57	16.79				6.21					Pass
EHT20	MCS0	4	48	5240	Full	0.00	0.00	0.00	0.00	-				15.55	16.79				6.21					Pass
EHT40	MCS0	4	38	5190	Full	0.00	0.00	0.00	0.00	-				9.19	16.79				6.21					Pass
EHT40	MCS0	4	46	5230	Full	0.00	0.00	0.00	0.00	-				11.79	16.79				6.21					Pass
EHT80	MCS0	4	42	5210	Full	0.00	0.00	0.00	0.00	-				6.61	16.79				6.21					Pass
EHT160	MCS0	4	50	5250	Full	0.00	0.00	0.00	0.00	-				1.71	16.79				6.21					Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO 4Tx Mode																		
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				Note
						Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	
EHT20	MCS0	4	52	5260	Full	19.14	19.13	19.15	19.17	23.42	23.04	23.50	23.12	23.98				-
EHT20	MCS0	4	60	5300	Full	19.15	19.17	19.14	19.14	23.47	23.38	23.33	23.47	23.98				
EHT20	MCS0	4	64	5320	Full	19.20	19.15	19.13	19.16	23.59	23.10	23.52	23.54	23.98				
EHT40	MCS0	4	54	5270	Full	38.50	38.54	38.55	38.52	45.20	44.99	45.73	45.18	23.98				
EHT40	MCS0	4	62	5310	Full	38.55	38.51	38.50	38.52	45.70	45.95	45.63	44.86	23.98				
EHT80	MCS0	4	58	5290	Full	77.90	77.84	77.87	77.85	88.26	89.95	90.82	88.83	23.98				

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO 4Tx Mode																					
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 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	52	5260	Full	17.68	17.65	17.18	17.27	23.47	23.98				3.40				30.00	Pass
EHT20	MCS0	4	60	5300	Full	17.64	17.37	16.88	16.83	23.21	23.98				3.40				30.00	Pass
EHT20	MCS0	4	64	5320	Full	17.05	16.79	16.23	16.30	22.63	23.98				3.40				30.00	Pass
EHT40	MCS0	4	54	5270	Full	18.09	17.82	17.38	17.53	23.73	23.98				3.40				30.00	Pass
EHT40	MCS0	4	62	5310	Full	18.26	17.51	17.27	17.19	23.60	23.98				3.40				30.00	Pass
EHT80	MCS0	4	58	5290	Full	17.88	17.64	17.29	17.35	23.57	23.98				3.40				30.00	Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO 4Tx Mode																							
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 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	52	5260	Full	0.00	0.00	0.00	0.00	-				10.51	11.00				5.91				-	Pass
EHT20	MCS0	4	60	5300	Full	0.00	0.00	0.00	0.00	-				10.15	11.00				5.91					Pass
EHT20	MCS0	4	64	5320	Full	0.00	0.00	0.00	0.00	-				10.04	11.00				5.91					Pass
EHT40	MCS0	4	54	5270	Full	0.00	0.00	0.00	0.00	-				7.89	11.00				5.91					Pass
EHT40	MCS0	4	62	5310	Full	0.00	0.00	0.00	0.00	-				7.41	11.00				5.91					Pass
EHT80	MCS0	4	58	5290	Full	0.00	0.00	0.00	0.00	-				5.00	11.00				5.91					Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO 4Tx Mode																		
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)				FCC 26dB Bandwidth Power Limit (dBm)				
						Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	
EHT20	MCS0	4	100	5500	Full	19.18	19.17	19.13	19.16	23.29	23.22	23.58	23.94	23.98				
EHT20	MCS0	4	116	5580	Full	19.16	19.15	19.15	19.14	23.19	23.54	23.66	23.45	23.98				
EHT20	MCS0	4	140	5700	Full	19.15	19.16	19.16	19.17	23.43	23.14	23.68	23.60	23.98				
EHT40	MCS0	4	102	5510	Full	38.53	38.55	38.56	38.53	45.97	46.13	45.82	45.23	23.98				
EHT40	MCS0	4	110	5550	Full	38.53	38.54	38.56	38.48	45.20	45.25	45.36	45.30	23.98				
EHT40	MCS0	4	134	5670	Full	38.57	38.55	38.58	38.53	45.26	45.71	45.81	45.90	23.98				
EHT80	MCS0	4	106	5530	Full	77.82	77.81	77.90	77.86	89.92	90.85	90.56	90.08	23.98				
EHT80	MCS0	4	122	5610	Full	77.87	77.81	77.88	77.85	90.69	89.73	91.20	89.02	23.98				
EHT160	MCS0	4	114	5570	Full	157.71	157.59	157.66	157.69	174.77	173.28	170.59	172.37	23.98				

U-NII-2C straddle channel MIMO 4Tx Mode																					
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)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2
EHT20	MCS0	4	144	5720	Full	14.56	14.57	14.56	14.57	16.53	16.61	16.71	16.64	23.18				4.51	4.51	4.54	4.52
EHT40	MCS0	4	142	5710	Full	34.19	34.21	34.26	34.25	37.74	37.69	37.51	37.61	23.98				4.05	4.05	4.08	4.11
EHT80	MCS0	4	138	5690	Full	73.83	73.85	73.95	73.94	79.70	80.47	80.79	79.64	23.98				4.07	4.07	4.06	4.07

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO 4Tx Mode																					
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)				EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	100	5500	Full	15.96	15.95	16.34	16.56	22.23	23.98				3.40				30.00	Pass
EHT20	MCS0	4	116	5580	Full	15.82	15.78	16.12	16.53	22.09	23.98				3.40				30.00	Pass
EHT20	MCS0	4	140	5700	Full	16.85	16.94	16.09	17.18	22.80	23.98				3.40				30.00	Pass
EHT40	MCS0	4	102	5510	Full	17.10	17.09	17.72	17.86	23.48	23.98				3.40				30.00	Pass
EHT40	MCS0	4	110	5550	Full	17.34	17.16	17.62	17.76	23.50	23.98				3.40				30.00	Pass
EHT40	MCS0	4	134	5670	Full	17.41	17.13	17.69	17.64	23.49	23.98				3.40				30.00	Pass
EHT80	MCS0	4	106	5530	Full	17.24	17.26	17.63	17.96	23.55	23.98				3.40				30.00	Pass
EHT80	MCS0	4	122	5610	Full	17.48	17.22	17.53	17.66	23.50	23.98				3.40				30.00	Pass
EHT160	MCS0	4	114	5570	Full	16.80	16.63	16.85	17.43	22.96	23.98				3.40				30.00	Pass

FCC U-NII-2C straddle channel MIMO 4Tx Mode																					
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)				EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	144	5720	Full	16.51	16.48	16.42	16.96	22.62	23.18				3.40				30.00	Pass
EHT40	MCS0	4	142	5710	Full	17.73	17.50	16.79	18.03	23.56	23.98				3.40				30.00	Pass
EHT80	MCS0	4	138	5690	Full	17.63	17.57	17.52	18.02	23.71	23.98				3.40				30.00	Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO 4Tx Mode																							
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 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	100	5500	Full	0.00	0.00	0.00	0.00	-				10.19	11.00				5.91					Pass
EHT20	MCS0	4	116	5580	Full	0.00	0.00	0.00	0.00	-				10.35	11.00				5.91					Pass
EHT20	MCS0	4	140	5700	Full	0.00	0.00	0.00	0.00	-				10.12	11.00				5.91					Pass
EHT40	MCS0	4	102	5510	Full	0.00	0.00	0.00	0.00	-				8.36	11.00				5.91					Pass
EHT40	MCS0	4	110	5550	Full	0.00	0.00	0.00	0.00	-				8.24	11.00				5.91				-	Pass
EHT40	MCS0	4	134	5670	Full	0.00	0.00	0.00	0.00	-				8.28	11.00				5.91					Pass
EHT80	MCS0	4	106	5530	Full	0.00	0.00	0.00	0.00	-				5.17	11.00				5.91					Pass
EHT80	MCS0	4	122	5610	Full	0.00	0.00	0.00	0.00	-				5.20	11.00				5.91					Pass
EHT160	MCS0	4	114	5570	Full	0.00	0.00	0.00	0.00	-				1.54	11.00				5.91					Pass

U-NII-2C straddle channel MIMO 4Tx Mode																							
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 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	144	5720	Full	0.00	0.00	0.00	0.00	-				10.10	11.00				5.91					Pass
EHT40	MCS0	4	142	5710	Full	0.00	0.00	0.00	0.00	-				8.09	11.00				5.91				-	Pass
EHT80	MCS0	4	138	5690	Full	0.00	0.00	0.00	0.00	-				5.07	11.00				5.91					Pass

Note 1: The device has 4 antennas, each one has polarization which is orthogonal to the other.

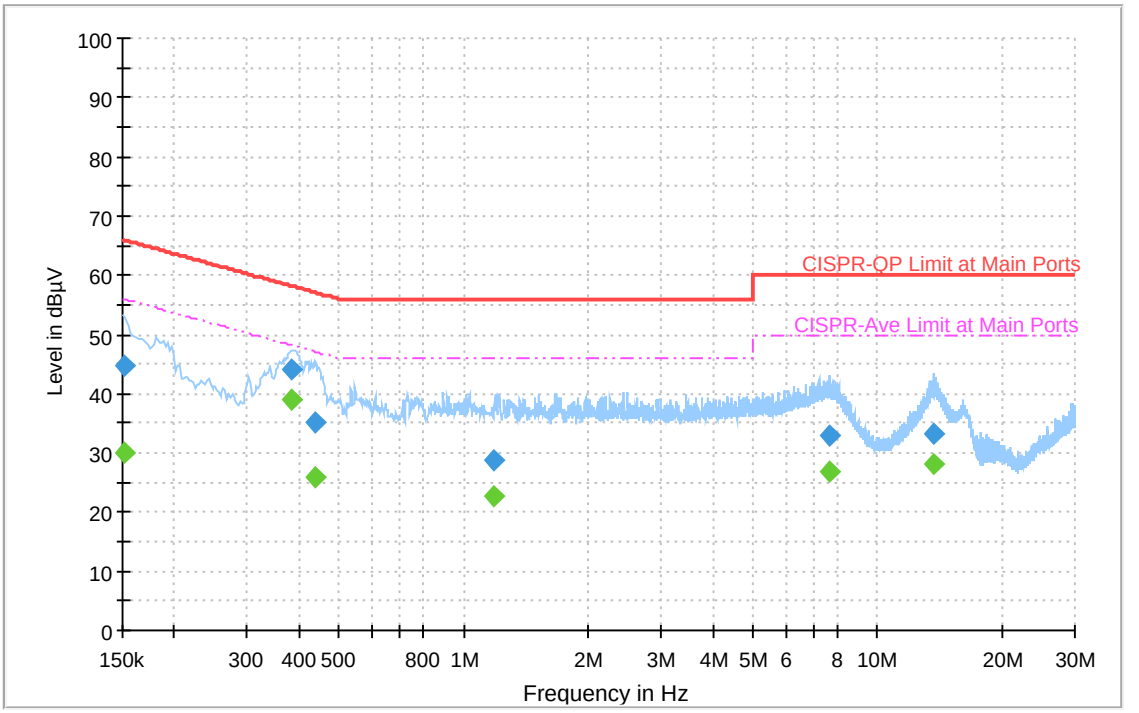
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Jin Peng	**Temperature :**	19.2~21.4℃
		Relative Humidity :	44.5~48.3%

EUT Information

Test Site Location :	CO01-CA
Project	240104006
Power:	120Vac/60Hz

Full Spectrum



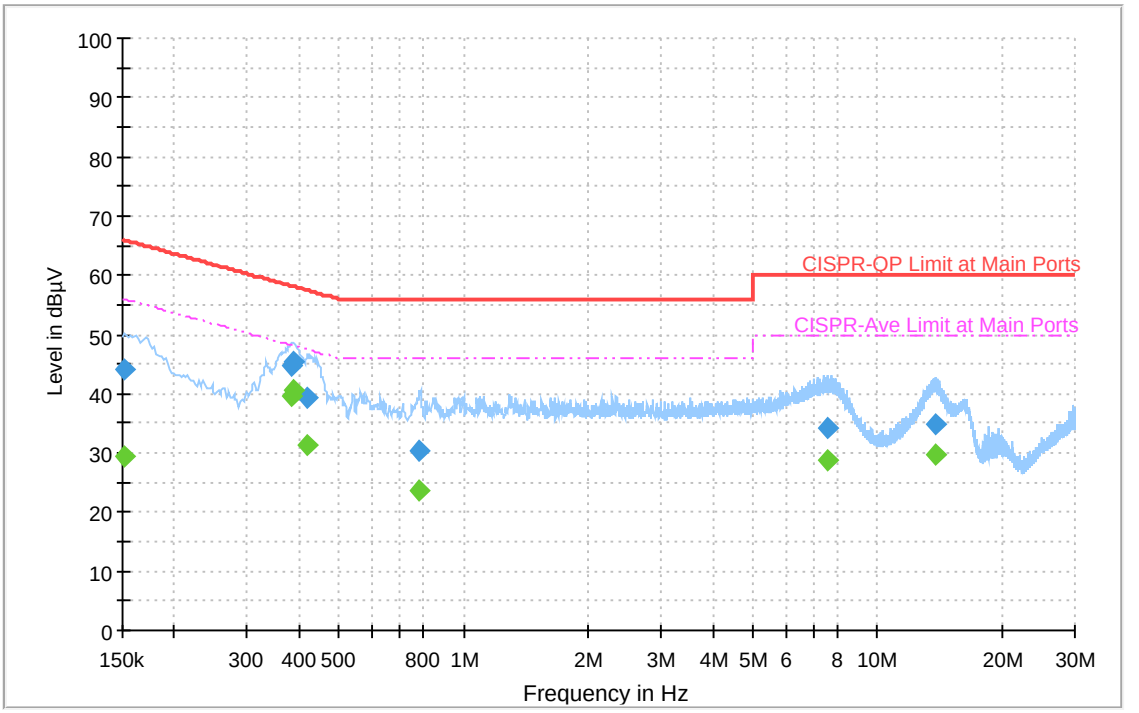
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.151924	---	29.92	55.89	25.97	L1	OFF	20.2
0.151924	44.81	---	65.89	21.08	L1	OFF	20.2
0.385269	---	39.00	48.17	9.17	L1	OFF	20.3
0.385269	44.14	---	58.17	14.03	L1	OFF	20.3
0.436029	---	25.84	47.14	21.30	L1	OFF	20.3
0.436029	35.01	---	57.14	22.13	L1	OFF	20.3
1.187331	---	22.70	46.00	23.30	L1	OFF	20.3
1.187331	28.61	---	56.00	27.39	L1	OFF	20.3
7.638846	---	26.99	50.00	23.01	L1	OFF	20.5
7.638846	32.76	---	60.00	27.24	L1	OFF	20.5
13.638876	---	28.20	50.00	21.80	L1	OFF	20.8
13.638876	33.38	---	60.00	26.62	L1	OFF	20.8

EUT Information

Test Site Location :	CO01-CA
Project	240104006
Power:	120Vac/60Hz

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.51	55.88	26.37	N	OFF	20.2
0.152250	44.09	---	65.88	21.79	N	OFF	20.2
0.381750	---	39.62	48.24	8.62	N	OFF	20.2
0.381750	44.86	---	58.24	13.38	N	OFF	20.2
0.388500	---	40.56	48.10	7.54	N	OFF	20.2
0.388500	45.52	---	58.10	12.58	N	OFF	20.2
0.420000	---	31.40	47.45	16.05	N	OFF	20.2
0.420000	39.24	---	57.45	18.21	N	OFF	20.2
0.782250	---	23.62	46.00	22.38	N	OFF	20.3
0.782250	30.34	---	56.00	25.66	N	OFF	20.3
7.577250	---	28.60	50.00	21.40	N	OFF	20.5
7.577250	34.28	---	60.00	25.72	N	OFF	20.5
13.814250	---	29.60	50.00	20.40	N	OFF	20.8
13.814250	34.79	---	60.00	25.21	N	OFF	20.8

Appendix C. Radiated Spurious Emission

Test Engineer:	Jesse Fan and Minh Nguyen	Temperature :	15.5~23.5°C
		Relative Humidity :	31.8~64.1%

<2x2 Mode>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	58.11	-15.89	74	42.26	33.18	12.29	29.62	240	346	P	H
		5147.42	48.98	-5.02	54	33.11	33.19	12.29	29.61	240	346	A	H
	*	5180	114.03	-	-	98.21	33.13	12.31	29.62	240	346	P	H
	*	5180	105.15	-	-	89.33	33.13	12.31	29.62	240	346	A	H
													H
													H
		5143.78	61.34	-12.66	74	45.46	33.2	12.29	29.61	284	42	P	V
		5149.5	52.56	-1.44	54	36.71	33.18	12.29	29.62	284	42	A	V
	*	5180	115.75	-	-	99.93	33.13	12.31	29.62	284	42	P	V
	*	5180	107.95	-	-	92.13	33.13	12.31	29.62	284	42	A	V
													V
													V
802.11a CH 44 5220MHz		5040.56	57.31	-16.69	74	41.46	33.23	12.2	29.58	300	346	P	H
		5147.68	47.32	-6.68	54	31.52	33.13	12.29	29.62	300	346	A	H
	*	5220	116.09	-	-	100.26	33.1	12.36	29.63	300	346	P	H
	*	5220	109.04	-	-	93.21	33.1	12.36	29.63	300	346	A	H
		5458.04	55.71	-18.29	74	39.7	33.05	12.67	29.71	300	346	P	H
		5454.96	46.3	-7.7	54	30.29	33.05	12.67	29.71	300	346	A	H
		5140.92	57.38	-16.62	74	41.63	33.08	12.28	29.61	300	41	P	V
		5150	48.31	-5.69	54	32.56	33.08	12.29	29.62	300	41	A	V
	*	5220	118	-	-	102.15	33.12	12.36	29.63	300	41	P	V
	*	5220	110.88	-	-	95.03	33.12	12.36	29.63	300	41	A	V
		5424.44	55.91	-18.09	74	39.87	33.12	12.63	29.71	300	41	P	V
		5459.44	46.46	-7.54	54	30.4	33.1	12.67	29.71	300	41	A	V

802.11a CH 48 5240MHz		5069.94	56.62	-17.38	74	40.73	33.25	12.23	29.59	300	342	P	H
		5145.6	46.81	-7.19	54	30.99	33.14	12.29	29.61	300	342	P	H
	*	5240	116.66	-	-	100.81	33.11	12.38	29.64	300	342	P	H
	*	5240	110.35	-	-	94.5	33.11	12.38	29.64	300	342	A	H
		5456.64	55.61	-18.39	74	39.6	33.05	12.67	29.71	300	342	P	H
		5455.52	46.14	-7.86	54	30.13	33.05	12.67	29.71	300	342	A	H
		5126.62	57.39	-16.61	74	41.63	33.1	12.27	29.61	300	21	P	V
		5149.76	46.97	-7.03	54	31.22	33.08	12.29	29.62	300	21	A	V
	*	5240	118.77	-	-	102.88	33.15	12.38	29.64	300	21	P	V
	*	5240	111.92	-	-	96.03	33.15	12.38	29.64	300	21	A	V
		5366.76	56.05	-17.95	74	40.06	33.13	12.56	29.7	300	21	P	V
		5459.16	46.7	-7.3	54	30.64	33.1	12.67	29.71	300	21	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.04	-21.16	68.2	58.38	38.91	17.61	67.86	-	-	P	H
		15540	48.47	-25.53	74	55.59	38.03	21.64	66.79	174	265	P	H
		15540	40.56	-13.44	54	47.68	38.03	21.64	66.79	174	265	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	50.54	-17.66	68.2	61.88	38.91	17.61	67.86	397	123	P	V
		15540	48.56	-25.44	74	55.68	38.03	21.64	66.79	137	274	P	V
		15540	40.09	-13.91	54	47.21	38.03	21.64	66.79	137	274	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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		10440	47.97	-20.23	68.2	59.19	38.76	17.67	67.65	-	-	P	H
		15660	49.61	-24.39	74	57.31	37.9	21.73	67.33	298	55	P	H
		15660	39.32	-14.68	54	47.02	37.9	21.73	67.33	298	55	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	47.95	-20.25	68.2	59.18	38.75	17.67	67.65	-	-	P	V
		15660	49.97	-24.03	74	57.68	37.89	21.73	67.33	383	360	P	V
		15660	39.5	-14.5	54	47.21	37.89	21.73	67.33	383	360	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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		10480	49.51	-18.69	68.2	60.41	38.94	17.7	67.54	325	191	P	H
		15720	48.41	-25.59	74	56.82	37.72	21.77	67.9	276	112	P	H
		15720	38.59	-15.41	54	47	37.72	21.77	67.9	276	112	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10480	54.37	-13.83	68.2	65.27	38.94	17.7	67.54	287	74	P	V
		15720	48.65	-25.35	74	57.06	37.72	21.77	67.9	300	349	P	V
		15720	39.33	-14.67	54	47.74	37.72	21.77	67.9	300	349	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.

Band 1 5150~5250MHz

WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT20 Full CH 36 5180MHz		5144.04	58.57	-15.43	74	42.69	33.2	12.29	29.61	262	351	P	H
		5150	49.32	-4.68	54	33.47	33.18	12.29	29.62	262	351	A	H
	*	5180	114.24	-	-	98.42	33.13	12.31	29.62	262	351	P	H
	*	5180	103.53	-	-	87.71	33.13	12.31	29.62	262	351	A	H
													H
													H
		5139.88	59.96	-14.04	74	44.08	33.21	12.28	29.61	270	17	P	V
		5150	51.29	-2.71	54	35.44	33.18	12.29	29.62	270	17	A	V
	*	5180	114.98	-	-	99.16	33.13	12.31	29.62	270	17	P	V
	*	5180	106.24	-	-	90.42	33.13	12.31	29.62	270	17	A	V
													V
													V
802.11be EHT20 Full CH 44 5220MHz		5131.3	56.87	-17.13	74	41.02	33.18	12.28	29.61	300	340	P	H
		5150	47.65	-6.35	54	31.85	33.13	12.29	29.62	300	340	A	H
	*	5220	116.74	-	-	100.91	33.1	12.36	29.63	300	340	P	H
	*	5220	109.21	-	-	93.38	33.1	12.36	29.63	300	340	A	H
		5383	56	-18	74	39.98	33.14	12.58	29.7	300	340	P	H
		5456.36	46.25	-7.75	54	30.24	33.05	12.67	29.71	300	340	A	H
		5130.52	58.47	-15.53	74	42.72	33.09	12.27	29.61	300	40	P	V
		5150	48.88	-5.12	54	33.13	33.08	12.29	29.62	300	40	A	V
	*	5220	117.51	-	-	101.66	33.12	12.36	29.63	300	40	P	V
	*	5220	110.44	-	-	94.59	33.12	12.36	29.63	300	40	A	V
		5350.24	55.71	-18.29	74	39.76	33.12	12.53	29.7	300	40	P	V
		5457.76	46.32	-7.68	54	30.25	33.11	12.67	29.71	300	40	A	V

802.11be EHT20 Full CH 48 5240MHz		5076.5	56.26	-17.74	74	40.37	33.25	12.23	29.59	300	344	P	H
		5145.86	47.03	-6.97	54	31.21	33.14	12.29	29.61	300	344	A	H
	*	5240	116.65	-	-	100.8	33.11	12.38	29.64	300	344	P	H
	*	5240	107.85	-	-	92	33.11	12.38	29.64	300	344	A	H
		5398.56	55.68	-18.32	74	39.65	33.13	12.6	29.7	300	344	P	H
		5458.56	46.09	-7.91	54	30.08	33.05	12.67	29.71	300	344	A	H
		5129.2	56.46	-17.54	74	40.71	33.09	12.27	29.61	400	15	P	V
		5145.52	47.36	-6.64	54	31.6	33.08	12.29	29.61	400	15	A	V
	*	5240	117.57	-	-	101.68	33.15	12.38	29.64	400	15	P	V
	*	5240	109.31	-	-	93.42	33.15	12.38	29.64	400	15	A	V
		5353.44	55.91	-18.09	74	39.95	33.12	12.54	29.7	400	15	P	V
		5452.56	46.46	-7.54	54	30.39	33.11	12.67	29.71	400	15	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be EHT20 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	46.49	-21.71	68.2	57.83	38.91	17.61	67.86	-	-	P	H
		15540	47.38	-26.62	74	54.5	38.03	21.64	66.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 36		10360	50.63	-17.57	68.2	61.97	38.91	17.61	67.86	400	124	P	V
5180MHz		15540	48.88	-25.12	74	56	38.03	21.64	66.79	236	161	P	V
		15540	40.46	-13.54	54	47.58	38.03	21.64	66.79	236	161	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	47.74	-20.46	68.2	58.96	38.76	17.67	67.65	-	-	P	H
		15660	49.62	-24.38	74	57.32	37.9	21.73	67.33	288	55	P	H
		15660	39.55	-14.45	54	47.25	37.9	21.73	67.33	288	55	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 44		10440	47.91	-20.29	68.2	59.14	38.75	17.67	67.65	-	-	P	V
5220MHz		15660	49.12	-24.88	74	56.83	37.89	21.73	67.33	378	357	P	V
		15660	39.25	-14.75	54	46.96	37.89	21.73	67.33	378	357	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	47.48	-20.72	68.2	58.38	38.94	17.7	67.54	-	-	P	H
		15720	48.9	-25.1	74	57.31	37.72	21.77	67.9	288	164	P	H
		15720	39.54	-14.46	54	47.95	37.72	21.77	67.9	288	164	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 48		10480	47.98	-20.22	68.2	58.88	38.94	17.7	67.54	-	-	P	V
5240MHz		15720	50.07	-23.93	74	58.48	37.72	21.77	67.9	307	353	P	V
		15720	39.55	-14.45	54	47.96	37.72	21.77	67.9	307	353	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.

Band 1 5150~5250MHz

WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT40 Full CH 38 5190MHz		5136.5	58.3	-15.7	74	42.41	33.22	12.28	29.61	301	243	P	H
		5150	49.47	-4.53	54	33.62	33.18	12.29	29.62	301	243	A	H
	*	5190	110.23	-	-	94.41	33.12	12.32	29.62	301	243	P	H
	*	5190	102.79	-	-	86.97	33.12	12.32	29.62	301	243	A	H
		5449.08	55.83	-18.17	74	39.76	33.12	12.66	29.71	301	243	P	H
		5445.72	46.59	-7.41	54	30.52	33.12	12.66	29.71	301	243	A	H
		5149.24	61.55	-12.45	74	45.7	33.18	12.29	29.62	301	41	P	V
		5150	52.85	-1.15	54	37	33.18	12.29	29.62	301	41	A	V
	*	5190	112.77	-	-	96.95	33.12	12.32	29.62	301	41	P	V
	*	5190	104.22	-	-	88.4	33.12	12.32	29.62	301	41	A	V
		5418	56.61	-17.39	74	40.57	33.13	12.62	29.71	301	41	P	V
		5454.4	46.53	-7.47	54	30.46	33.11	12.67	29.71	301	41	A	V
802.11be EHT40 Full CH 46 5230MHz		5148.98	62.03	-11.97	74	46.23	33.13	12.29	29.62	294	321	P	H
		5149.24	50.9	-3.1	54	35.1	33.13	12.29	29.62	294	321	A	H
	*	5230	112.45	-	-	96.61	33.11	12.37	29.64	294	321	P	H
	*	5230	104.44	-	-	88.6	33.11	12.37	29.64	294	321	A	H
		5435.08	56.54	-17.46	74	40.53	33.08	12.64	29.71	294	321	P	H
		5452.72	46.16	-7.84	54	30.15	33.05	12.67	29.71	294	321	A	H
		5149.5	66.06	-7.94	74	50.31	33.08	12.29	29.62	299	46	P	V
		5150	53.55	-0.45	54	37.8	33.08	12.29	29.62	299	46	A	V
	*	5230	114.06	-	-	98.19	33.14	12.37	29.64	299	46	P	V
	*	5230	106.61	-	-	90.74	33.14	12.37	29.64	299	46	A	V
		5393.64	56.21	-17.79	74	40.19	33.13	12.59	29.7	299	46	P	V
		5350	46.62	-7.38	54	30.67	33.12	12.53	29.7	299	46	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.18	-21.02	68.2	58.44	38.91	17.63	67.8	-	-	P	H
		15570	47.46	-26.54	74	54.59	37.99	21.66	66.78	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 38		10380	46.92	-21.28	68.2	58.18	38.91	17.63	67.8	-	-	P	V
5190MHz		15570	47.94	-26.06	74	55.07	37.99	21.66	66.78	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	47.39	-20.81	68.2	58.37	38.93	17.69	67.6	-	-	P	H
		15690	47.48	-26.52	74	55.56	37.8	21.75	67.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 46		10460	48.5	-19.7	68.2	59.48	38.93	17.69	67.6	147	263	P	V
5230MHz		15690	47.93	-26.07	74	56.01	37.8	21.75	67.63	-	-	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.

Band 1 5150~5250MHz

WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT80 Full CH 42 5210MHz		5130.78	58.02	-15.98	74	42.12	33.24	12.27	29.61	389	270	P	H
		5147.68	49.44	-4.56	54	33.58	33.19	12.29	29.62	389	270	A	H
	*	5210	108.65	-	-	92.85	33.09	12.34	29.63	389	270	P	H
	*	5210	100.57	-	-	84.77	33.09	12.34	29.63	389	270	A	H
		5451.88	55.96	-18.04	74	39.89	33.12	12.66	29.71	389	270	P	H
		5453	46.58	-7.42	54	30.5	33.12	12.67	29.71	389	270	A	H
		5150	63.78	-10.22	74	47.93	33.18	12.29	29.62	400	10	P	V
		5150	53.22	-0.78	54	37.37	33.18	12.29	29.62	400	10	A	V
	*	5210	110.06	-	-	94.26	33.09	12.34	29.63	400	10	P	V
	*	5210	102.29	-	-	86.49	33.09	12.34	29.63	400	10	A	V
		5441.8	56.65	-17.35	74	40.59	33.12	12.65	29.71	400	10	P	V
		5452.72	46.57	-7.43	54	30.49	33.12	12.67	29.71	400	10	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.03	-21.17	68.2	58.17	38.91	17.65	67.7	-	-	P	H
		15630	47.98	-26.02	74	55.41	37.94	21.7	67.07	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 42		10420	47.03	-21.17	68.2	58.17	38.91	17.65	67.7	-	-	P	V
5210MHz		15630	49.77	-24.23	74	57.2	37.94	21.7	67.07	196	216	P	V
		15630	40.9	-13.1	54	48.33	37.94	21.7	67.07	196	216	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.

Band 1 5150~5250MHz

WIFI 802.11be EHT160 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT160 Full CH 50 5250MHz		5148.24	59.8	-14.2	74	43.94	33.19	12.29	29.62	100	339	P	H
		5147.22	49.8	-4.2	54	33.93	33.19	12.29	29.61	100	339	A	H
	*	5250	104.34	-	-	88.55	33.04	12.4	29.65	100	339	P	H
	*	5250	94.45	-	-	78.66	33.04	12.4	29.65	100	339	A	H
		5428.64	56.27	-17.73	74	40.21	33.13	12.64	29.71	100	339	P	H
		5444.32	47.2	-6.8	54	31.13	33.12	12.66	29.71	100	339	A	H
		5072.42	62.36	-11.64	74	46.39	33.33	12.23	29.59	400	9	P	V
		5149.94	53.3	-0.7	54	37.45	33.18	12.29	29.62	400	9	A	V
	*	5250	107.16	-	-	91.37	33.04	12.4	29.65	400	9	P	V
	*	5250	98.17	-	-	82.38	33.04	12.4	29.65	400	9	A	V
		5426.72	59.84	-14.16	74	43.79	33.13	12.63	29.71	400	9	P	V
		5405.28	50.17	-3.83	54	34.13	33.14	12.61	29.71	400	9	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be EHT160 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT160 Full CH 50 5250MHz		10500	46.91	-21.29	68.2	57.73	38.95	17.71	67.48	-	-	P	H
		15750	47.3	-26.7	74	56.03	37.64	21.79	68.16	-	-	P	H
													H
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													H
													H
													H
													H
		10500	47.34	-20.86	68.2	58.16	38.95	17.71	67.48	-	-	P	V
		15750	47.6	-26.4	74	56.33	37.64	21.79	68.16	-	-	P	V
													V
													V
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													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+3	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		5148.58	55.73	-18.27	74	39.93	33.13	12.29	29.62	398	291	P	H
		5145.52	46.3	-7.7	54	30.48	33.14	12.29	29.61	398	291	A	H
	*	5260	116.18	-	-	100.3	33.12	12.41	29.65	398	291	P	H
	*	5260	109.15	-	-	93.27	33.12	12.41	29.65	398	291	A	H
		5447.04	56.82	-17.18	74	40.81	33.06	12.66	29.71	398	291	P	H
		5453.04	46.11	-7.89	54	30.1	33.05	12.67	29.71	398	291	A	H
		5121.04	56.17	-17.83	74	40.41	33.1	12.27	29.61	273	129	P	V
		5138.38	47.18	-6.82	54	31.42	33.09	12.28	29.61	273	129	A	V
	*	5260	118.57	-	-	102.66	33.15	12.41	29.65	273	129	P	V
	*	5260	110.43	-	-	94.52	33.15	12.41	29.65	273	129	A	V
		5350.8	56.71	-17.29	74	40.76	33.12	12.53	29.7	273	129	P	V
		5452.32	46.52	-7.48	54	30.45	33.11	12.67	29.71	273	129	A	V
802.11a CH 60 5300MHz		5087.04	55.78	-18.22	74	39.89	33.25	12.24	29.6	400	288	P	H
		5133.28	46.34	-7.66	54	30.5	33.17	12.28	29.61	400	288	A	H
	*	5300	116.94	-	-	100.99	33.15	12.47	29.67	400	288	P	H
	*	5300	108.83	-	-	92.88	33.15	12.47	29.67	400	288	A	H
		5440.32	55.56	-18.44	74	39.55	33.07	12.65	29.71	400	288	P	H
		5350.08	46.9	-7.1	54	30.91	33.16	12.53	29.7	400	288	A	H
		5072.42	56.45	-17.55	74	40.6	33.21	12.23	29.59	274	133	P	V
		5139.06	47.25	-6.75	54	31.49	33.09	12.28	29.61	274	133	A	V
	*	5300	118.55	-	-	102.64	33.11	12.47	29.67	274	133	P	V
	*	5300	110.19	-	-	94.28	33.11	12.47	29.67	274	133	A	V
		5351.28	59.25	-14.75	74	43.3	33.12	12.53	29.7	274	133	P	V
		5350.08	49.5	-4.5	54	33.55	33.12	12.53	29.7	274	133	A	V

802.11a CH 64 5320MHz	*	5320	113.62	-	-	97.75	33.06	12.49	29.68	327	11	P	H
	*	5320	106.35	-	-	90.48	33.06	12.49	29.68	327	11	A	H
		5444.96	56.62	-17.38	74	40.55	33.12	12.66	29.71	327	11	P	H
		5350.08	47.71	-6.29	54	31.79	33.09	12.53	29.7	327	11	A	H
													H
													H
	*	5320	116.24	-	-	100.37	33.06	12.49	29.68	214	24	P	V
	*	5320	108.6	-	-	92.73	33.06	12.49	29.68	214	24	A	V
		5354.4	62.03	-11.97	74	46.1	33.09	12.54	29.7	214	24	P	V
		5350.08	52.02	-1.98	54	36.1	33.09	12.53	29.7	214	24	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.59	-20.61	68.2	58.33	38.97	17.73	67.44	-	-	P	H
		15780	48.1	-25.9	74	56.9	37.62	21.81	68.23	302	96	P	H
		15780	38.5	-15.5	54	47.3	37.62	21.81	68.23	302	96	A	H
													H
													H
													H
													H
													H
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													H
													H
													H
		10520	49.62	-18.58	68.2	60.36	38.97	17.73	67.44	193	244	P	V
		15780	48.45	-25.55	74	57.25	37.62	21.81	68.23	278	177	P	V
		15780	38.53	-15.47	54	47.33	37.62	21.81	68.23	278	177	A	V
													V
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													V
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													V
													V
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													V
													V

WIFI Ant. 1+3	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)
i802.11a CH 60 5300MHz		10600	47.95	-26.05	74	58.58	38.99	17.79	67.41	-	-	P	H
		15900	47.72	-26.28	74	56.08	37.58	21.88	67.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	47.93	-26.07	74	58.58	38.97	17.79	67.41	-	-	P	V
		15900	47.47	-26.53	74	55.86	37.55	21.88	67.82	-	-	P	V
													V
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													V
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													V
													V

WIFI Ant. 1+3	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		10640	47.46	-26.54	74	57.91	39.21	17.83	67.49	-	-	P	H
		15960	47.04	-26.96	74	54.74	37.94	21.92	67.56	-	-	P	H
													H
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													H
													H
													H
													H
		10640	47.84	-26.16	74	58.29	39.21	17.83	67.49	-	-	P	V
		15960	47.62	-26.38	74	55.32	37.94	21.92	67.56	-	-	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.												

Band 2 5250~5350MHz

WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT20 Full CH 52 5260MHz		5093.16	56.12	-17.88	74	40.23	33.25	12.24	29.6	400	288	P	H
		5142.12	46.31	-7.69	54	30.49	33.15	12.28	29.61	400	288	A	H
	*	5260	117.7	-	-	101.82	33.12	12.41	29.65	400	288	P	H
	*	5260	108.2	-	-	92.32	33.12	12.41	29.65	400	288	A	H
		5449.68	55.54	-18.46	74	39.54	33.05	12.66	29.71	400	288	P	H
		5443.44	46.08	-7.92	54	30.08	33.06	12.65	29.71	400	288	A	H
		5109.48	56.59	-17.41	74	40.83	33.11	12.26	29.61	301	127	P	V
		5145.52	47.25	-6.75	54	31.49	33.08	12.29	29.61	301	127	A	V
	*	5260	118.41	-	-	102.5	33.15	12.41	29.65	301	127	P	V
	*	5260	109.55	-	-	93.64	33.15	12.41	29.65	301	127	A	V
		5431.68	57	-17	74	40.95	33.12	12.64	29.71	301	127	P	V
		5452.56	46.46	-7.54	54	30.39	33.11	12.67	29.71	301	127	A	V
802.11be EHT20 Full CH 60 5300MHz		5139.4	55.96	-18.04	74	40.13	33.16	12.28	29.61	400	288	P	H
		5135.66	46.36	-7.64	54	30.52	33.17	12.28	29.61	400	288	A	H
	*	5300	116.87	-	-	100.92	33.15	12.47	29.67	400	288	P	H
	*	5300	108.47	-	-	92.52	33.15	12.47	29.67	400	288	A	H
		5352.48	55.88	-18.12	74	39.88	33.16	12.54	29.7	400	288	P	H
		5350.08	47.1	-6.9	54	31.11	33.16	12.53	29.7	400	288	A	H
		5142.46	57.1	-16.9	74	41.35	33.08	12.28	29.61	305	129	P	V
		5145.18	47.29	-6.71	54	31.53	33.08	12.29	29.61	305	129	A	V
	*	5300	119.69	-	-	103.78	33.11	12.47	29.67	305	129	P	V
	*	5300	110.07	-	-	94.16	33.11	12.47	29.67	305	129	A	V
		5351.28	59.99	-14.01	74	44.04	33.12	12.53	29.7	305	129	P	V
		5350.08	51.43	-2.57	54	35.48	33.12	12.53	29.7	305	129	A	V

802.11be EHT20 Full CH 64 5320MHz	*	5320	112.04	-	-	96.17	33.06	12.49	29.68	329	23	P	H
	*	5320	105.54	-	-	89.67	33.06	12.49	29.68	329	23	A	H
		5444.64	57.13	-16.87	74	41.06	33.12	12.66	29.71	329	23	P	H
		5350.4	47.51	-6.49	54	31.59	33.09	12.53	29.7	329	23	A	H
													H
													H
	*	5320	116.27	-	-	100.4	33.06	12.49	29.68	300	47	P	V
	*	5320	108.97	-	-	93.1	33.06	12.49	29.68	300	47	A	V
		5353.28	62.87	-11.13	74	46.94	33.09	12.54	29.7	300	47	P	V
		5350.08	52.54	-1.46	54	36.62	33.09	12.53	29.7	300	47	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be EHT20 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.95	-20.25	68.2	58.69	38.97	17.73	67.44	-	-	P	H
		15780	48.6	-25.4	74	57.4	37.62	21.81	68.23	311	166	P	H
		15780	38.55	-15.45	54	47.35	37.62	21.81	68.23	311	166	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 52		10520	48.35	-19.85	68.2	59.09	38.97	17.73	67.44	177	49	P	V
5260MHz		15780	48.8	-25.2	74	57.6	37.62	21.81	68.23	261	98	P	V
		15780	39.15	-14.85	54	47.95	37.62	21.81	68.23	261	98	A	V
													V
													V
													V
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													V
													V
													V
													V

WIFI Ant. 1+3	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	47.96	-26.04	74	58.59	38.99	17.79	67.41	-	-	P	H
		15900	47.17	-26.83	74	55.53	37.58	21.88	67.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 60		10600	47.85	-26.15	74	58.5	38.97	17.79	67.41	-	-	P	V
5300MHz		15900	47.49	-26.51	74	55.88	37.55	21.88	67.82	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	47.24	-26.76	74	57.81	39.09	17.83	67.49	-	-	P	H
		15960	47.17	-26.83	74	55.27	37.54	21.92	67.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 64		10640	47.48	-26.52	74	58.09	39.05	17.83	67.49	-	-	P	V
5320MHz		15960	47.51	-26.49	74	55.67	37.48	21.92	67.56	-	-	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.

Band 2 5250~5350MHz

WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT40 Full CH 54 5270MHz		5086.36	55.89	-18.11	74	40	33.25	12.24	29.6	300	35	P	H
		5149.94	46.74	-7.26	54	30.94	33.13	12.29	29.62	300	35	A	H
	*	5270	113.39	-	-	97.5	33.13	12.42	29.66	300	35	P	H
	*	5270	103.57	-	-	87.68	33.13	12.42	29.66	300	35	A	H
		5354.64	61.26	-12.74	74	45.26	33.16	12.54	29.7	300	35	P	H
		5350.08	50.06	-3.94	54	34.07	33.16	12.53	29.7	300	35	A	H
		5135.32	57.3	-16.7	74	41.54	33.09	12.28	29.61	303	49	P	V
		5149.94	48.89	-5.11	54	33.14	33.08	12.29	29.62	303	49	A	V
	*	5270	115.73	-	-	99.83	33.14	12.42	29.66	303	49	P	V
	*	5270	106.11	-	-	90.21	33.14	12.42	29.66	303	49	A	V
		5352.72	63.48	-10.52	74	47.52	33.12	12.54	29.7	303	49	P	V
		5350.08	52.89	-1.11	54	36.94	33.12	12.53	29.7	303	49	A	V
802.11be EHT40 Full CH 62 5310MHz		5104.38	63.82	-10.18	74	47.86	33.32	12.25	29.61	360	88	P	H
		5145.86	46.74	-7.26	54	30.87	33.19	12.29	29.61	360	88	A	H
	*	5310	109.8	-	-	93.95	33.05	12.48	29.68	360	88	P	H
	*	5310	100.62	-	-	84.77	33.05	12.48	29.68	360	88	A	H
		5439.84	63.35	-10.65	74	47.29	33.12	12.65	29.71	360	88	P	H
		5350.56	49.12	-4.88	54	33.2	33.09	12.53	29.7	360	88	A	H
		5108.12	63.64	-10.36	74	47.68	33.31	12.26	29.61	298	48	P	V
		5145.52	47.41	-6.59	54	31.54	33.19	12.29	29.61	298	48	A	V
	*	5310	113.63	-	-	97.78	33.05	12.48	29.68	298	48	P	V
	*	5310	103.62	-	-	87.77	33.05	12.48	29.68	298	48	A	V
		5350.56	63.24	-10.76	74	47.32	33.09	12.53	29.7	298	48	P	V
		5350.08	53.72	-0.28	54	37.8	33.09	12.53	29.7	298	48	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.92	-20.28	68.2	58.59	38.99	17.75	67.41	-	-	P	H
		15810	48.36	-25.64	74	57.17	37.61	21.83	68.25	336	156	P	H
		15810	38.83	-15.17	54	47.64	37.61	21.83	68.25	336	156	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 54		10540	47.99	-20.21	68.2	58.66	38.99	17.75	67.41	-	-	P	V
5270MHz		15810	47.38	-26.62	74	56.19	37.61	21.83	68.25	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	47.22	-26.78	74	57.82	39.04	17.81	67.45	-	-	P	H
		15930	47.29	-26.71	74	55.51	37.56	21.9	67.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 62		10620	47.64	-26.36	74	58.27	39.01	17.81	67.45	-	-	P	V
5310MHz		15930	46.97	-27.03	74	55.24	37.51	21.9	67.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT80 Full CH 58 5290MHz		5102	64.04	-9.96	74	48.08	33.32	12.25	29.61	381	86	P	H
		5137.36	47.42	-6.58	54	31.53	33.22	12.28	29.61	381	86	A	H
	*	5290	107.27	-	-	91.45	33.04	12.45	29.67	381	86	P	H
	*	5290	98.58	-	-	82.76	33.04	12.45	29.67	381	86	A	H
		5354.64	64.37	-9.63	74	48.44	33.09	12.54	29.7	381	86	P	H
		5351.52	49.82	-4.18	54	33.9	33.09	12.53	29.7	381	86	A	H
		5142.8	64.3	-9.7	74	48.43	33.2	12.28	29.61	293	48	P	V
		5149.94	49.67	-4.33	54	33.82	33.18	12.29	29.62	293	48	A	V
	*	5290	111.87	-	-	96.05	33.04	12.45	29.67	293	48	P	V
	*	5290	101.39	-	-	85.57	33.04	12.45	29.67	293	48	A	V
		5363.28	64.04	-9.96	74	48.09	33.1	12.55	29.7	293	48	P	V
		5350.08	53.28	-0.72	54	37.36	33.09	12.53	29.7	293	48	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	46.5	-21.7	68.2	57.18	38.94	17.78	67.4	-	-	P	H
		15870	47.81	-26.19	74	56.36	37.58	21.86	67.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 58		10580	46.89	-21.31	68.2	57.58	38.93	17.78	67.4	-	-	P	V
5290MHz		15870	47.17	-26.83	74	55.73	37.57	21.86	67.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+3	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		5434.64	63.92	-10.08	74	47.86	33.13	12.64	29.71	308	311	P	H
		5461.52	63.3	-4.9	68.2	47.23	33.1	12.68	29.71	308	311	P	H
		5460	47.68	-6.32	54	31.61	33.1	12.68	29.71	308	311	A	H
	*	5500	114.8	-	-	98.73	33.04	12.73	29.7	308	311	P	H
	*	5500	106.41	-	-	90.34	33.04	12.73	29.7	308	311	A	H
													H
		5458.8	63.4	-10.6	74	47.33	33.11	12.67	29.71	292	27	P	V
		5470	65.67	-2.53	68.2	49.6	33.09	12.69	29.71	292	27	P	V
		5460	49.18	-4.82	54	33.11	33.1	12.68	29.71	292	27	A	V
	*	5500	117.66	-	-	101.59	33.04	12.73	29.7	292	27	P	V
	*	5500	109.51	-	-	93.44	33.04	12.73	29.7	292	27	A	V
													V
802.11a CH 116 5580MHz		5415.78	56.15	-17.85	74	40.13	33.11	12.62	29.71	400	18	P	H
		5463.36	55.68	-12.52	68.2	39.66	33.05	12.68	29.71	400	18	P	H
		5458.68	46.38	-7.62	54	30.37	33.05	12.67	29.71	400	18	A	H
	*	5580	116.45	-	-	100.24	33.1	12.83	29.72	400	18	P	H
	*	5580	109.33	-	-	93.12	33.1	12.83	29.72	400	18	A	H
		5739.17	56.66	-11.54	68.2	39.6	33.77	12.98	29.69	400	18	P	H
		5459.46	56.17	-17.83	74	40.11	33.1	12.67	29.71	300	52	P	V
		5467	56.46	-11.74	68.2	40.39	33.1	12.68	29.71	300	52	P	V
		5452.96	46.75	-7.25	54	30.68	33.11	12.67	29.71	300	52	A	V
	*	5580	119.17	-	-	103.02	33.04	12.83	29.72	300	52	P	V
	*	5580	112.14	-	-	95.99	33.04	12.83	29.72	300	52	A	V
		5759.015	57.26	-10.94	68.2	40.08	33.87	13	29.69	300	52	P	V

802.11a CH 140 5700MHz	*	5700	112.73	-	-	95.96	33.53	12.94	29.7	300	68	P	H
	*	5700	106.33	-	-	89.56	33.53	12.94	29.7	300	68	A	H
		5735	59.97	-8.23	68.2	42.93	33.75	12.98	29.69	300	68	P	H
													H
													H
													H
	*	5700	115.28	-	-	98.5	33.54	12.94	29.7	300	124	P	V
	*	5700	107.96	-	-	91.18	33.54	12.94	29.7	300	124	A	V
		5726.12	63.93	-4.27	68.2	46.97	33.69	12.97	29.7	300	124	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.1	-26.9	74	57.23	38.79	18.1	67.02	-	-	P	H
		16500	48.54	-19.66	68.2	55.78	37.76	22.39	67.39	389	360	P	H
		16500	38.2	-15.8	54	45.44	37.76	22.39	67.39	389	360	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 100 5500MHz		11000	47.56	-26.44	74	57.75	38.73	18.1	67.02	-	-	P	V
		16500	48.89	-19.31	68.2	56.11	37.78	22.39	67.39	197	123	P	V
		16500	38.8	-15.2	54	46.02	37.78	22.39	67.39	197	123	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	46.94	-27.06	74	57.02	38.95	18.23	67.26	-	-	P	H
		16740	47.84	-20.36	68.2	55.45	37.47	22.6	67.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz		11160	51.6	-22.4	74	61.68	38.95	18.23	67.26	301	323	P	V
		11160	42.57	-11.43	54	52.65	38.95	18.23	67.26	301	323	A	V
		16740	47.52	-20.68	68.2	55.12	37.48	22.6	67.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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		11400	50.63	-23.37	74	60.02	39.17	18.42	66.98	391	155	P	H
		11400	39.7	-14.3	54	49.09	39.17	18.42	66.98	391	155	A	H
		17100	49.41	-18.79	68.2	56.18	37.99	22.92	67.68	193	88	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	54.53	-19.47	74	63.92	39.17	18.42	66.98	400	152	P	V
		11400	45.37	-8.63	54	54.76	39.17	18.42	66.98	400	152	A	V
		17100	49.23	-18.97	68.2	56	37.99	22.92	67.68	222	56	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT20 Full CH 100 5500MHz		5406.32	63.97	-10.03	74	47.93	33.14	12.61	29.71	293	312	P	H
		5466.48	64.21	-3.99	68.2	48.15	33.09	12.68	29.71	293	312	P	H
		5460	47.94	-6.06	54	31.87	33.1	12.68	29.71	293	312	A	H
	*	5500	114.13	-	-	98.06	33.04	12.73	29.7	293	312	P	H
	*	5500	105.76	-	-	89.69	33.04	12.73	29.7	293	312	A	H
													H
		5427.44	65.67	-8.33	74	49.62	33.13	12.63	29.71	331	52	P	V
		5466.16	64.85	-3.35	68.2	48.79	33.09	12.68	29.71	331	52	P	V
		5460	50.01	-3.99	54	33.94	33.1	12.68	29.71	331	52	A	V
	*	5500	118.82	-	-	102.75	33.04	12.73	29.7	331	52	P	V
	*	5500	107.68	-	-	91.61	33.04	12.73	29.7	331	52	A	V
													V
802.11be EHT20 Full CH 116 5580MHz		5439.96	58.25	-15.75	74	42.24	33.07	12.65	29.71	297	24	P	H
		5462.84	56.19	-12.01	68.2	40.17	33.05	12.68	29.71	297	24	P	H
		5459.46	46.28	-7.72	54	30.27	33.05	12.67	29.71	297	24	A	H
	*	5580	116.44	-	-	100.23	33.1	12.83	29.72	297	24	P	H
	*	5580	109.15	-	-	92.94	33.1	12.83	29.72	297	24	A	H
		5746.415	57.52	-10.68	68.2	40.41	33.81	12.99	29.69	297	24	P	H
		5458.16	56.45	-17.55	74	40.38	33.11	12.67	29.71	302	28	P	V
		5468.3	57.01	-11.19	68.2	40.94	33.09	12.69	29.71	302	28	P	V
		5458.68	46.68	-7.32	54	30.61	33.11	12.67	29.71	302	28	A	V
	*	5580	118.34	-	-	102.19	33.04	12.83	29.72	302	28	P	V
	*	5580	111.01	-	-	94.86	33.04	12.83	29.72	302	28	A	V
		5742.635	57.73	-10.47	68.2	40.65	33.78	12.99	29.69	302	28	P	V

802.11be EHT20 Full CH 140 5700MHz	*	5700	115.92	-	-	99.15	33.53	12.94	29.7	278	356	P	H
	*	5700	106.94	-	-	90.17	33.53	12.94	29.7	278	356	A	H
		5725.48	67.11	-1.09	68.2	50.15	33.69	12.97	29.7	278	356	P	H
													H
													H
													H
	*	5700	115.31	-	-	98.53	33.54	12.94	29.7	288	30	P	V
	*	5700	107.56	-	-	90.78	33.54	12.94	29.7	288	30	A	V
		5727.96	64.9	-3.3	68.2	47.93	33.7	12.97	29.7	288	30	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT20 (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.87	-26.13	74	58	38.79	18.1	67.02	-	-	P	H
		16500	48.17	-20.03	68.2	55.41	37.76	22.39	67.39	278	35	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 100		11000	47.45	-26.55	74	57.64	38.73	18.1	67.02	-	-	P	V
5500MHz		16500	49.01	-19.19	68.2	56.23	37.78	22.39	67.39	293	168	P	V
													V
													V
													V
													V
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													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	49.03	-24.97	74	59.11	38.95	18.23	67.26	400	338	P	H
		11160	38.26	-15.74	54	48.34	38.95	18.23	67.26	400	338	A	H
		16740	47.94	-20.26	68.2	55.55	37.47	22.6	67.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 116		11160	51.34	-22.66	74	61.42	38.95	18.23	67.26	329	147	P	V
5580MHz		11160	41.38	-12.62	54	51.46	38.95	18.23	67.26	329	147	A	V
		16740	47.93	-20.27	68.2	55.53	37.48	22.6	67.68	-	-	P	V
													V
													V
													V
													V
													V
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													V
													V
													V

WIFI Ant. 1+3	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	47.94	-26.06	74	57.33	39.17	18.42	66.98	-	-	P	H
		17100	49	-19.2	68.2	55.77	37.99	22.92	67.68	279	149	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 140		11400	54.26	-19.74	74	63.65	39.17	18.42	66.98	400	153	P	V
5700MHz		11400	45.29	-8.71	54	54.68	39.17	18.42	66.98	400	153	A	V
		17100	49.59	-18.61	68.2	56.36	37.99	22.92	67.68	316	244	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT40 Full CH 102 5510MHz		5459.92	59.1	-14.9	74	43.04	33.1	12.67	29.71	277	54	P	H
		5469.04	63.53	-4.67	68.2	47.46	33.09	12.69	29.71	277	54	P	H
		5459.92	50.27	-3.73	54	34.21	33.1	12.67	29.71	277	54	A	H
	*	5510	112.58	-	-	96.51	33.03	12.74	29.7	277	54	P	H
	*	5510	104.57	-	-	88.5	33.03	12.74	29.7	277	54	A	H
		5739.485	57.37	-10.83	68.2	40.37	33.71	12.98	29.69	277	54	P	H
		5454.16	68.11	-5.89	74	52.04	33.11	12.67	29.71	326	50	P	V
		5465.68	66.13	-2.07	68.2	50.07	33.09	12.68	29.71	326	50	P	V
		5459.68	53.51	-0.49	54	37.45	33.1	12.67	29.71	326	50	A	V
	*	5510	116.05	-	-	99.98	33.03	12.74	29.7	326	50	P	V
	*	5510	106.98	-	-	90.91	33.03	12.74	29.7	326	50	A	V
		5756.81	57.65	-10.55	68.2	40.53	33.81	13	29.69	326	50	P	V
802.11be EHT40 Full CH 110 5550MHz		5440.24	57.84	-16.16	74	41.83	33.07	12.65	29.71	400	162	P	H
		5463.04	56.81	-11.39	68.2	40.79	33.05	12.68	29.71	400	162	P	H
		5459.2	47.59	-6.41	54	31.58	33.05	12.67	29.71	400	162	A	H
	*	5550	115.58	-	-	99.44	33.04	12.79	29.69	400	162	P	H
	*	5550	106.23	-	-	90.09	33.04	12.79	29.69	400	162	A	H
		5736.65	56.98	-11.22	68.2	39.93	33.76	12.98	29.69	400	162	P	H
		5457.28	60.19	-13.81	74	44.12	33.11	12.67	29.71	298	26	P	V
		5468.08	63.63	-4.57	68.2	47.56	33.09	12.69	29.71	298	26	P	V
		5459.68	49.34	-4.66	54	33.28	33.1	12.67	29.71	298	26	A	V
	*	5550	117.27	-	-	101.12	33.05	12.79	29.69	298	26	P	V
	*	5550	108.45	-	-	92.3	33.05	12.79	29.69	298	26	A	V
		5737.595	58.68	-9.52	68.2	41.63	33.76	12.98	29.69	298	26	P	V

802.11be EHT40 Full CH 134 5670MHz		5379.4	56.41	-17.59	74	40.4	33.14	12.57	29.7	367	297	P	H
		5466.2	55.9	-12.3	68.2	39.88	33.05	12.68	29.71	367	297	P	H
		5378	46.5	-7.5	54	30.49	33.14	12.57	29.7	367	297	A	H
	*	5670	113.47	-	-	96.88	33.38	12.92	29.71	367	297	P	H
	*	5670	105.3	-	-	88.71	33.38	12.92	29.71	367	297	A	H
		5731.75	62.42	-5.78	68.2	45.4	33.73	12.98	29.69	367	297	P	H
		5357.7	56.48	-17.52	74	40.52	33.12	12.54	29.7	295	125	P	V
		5464.45	55.56	-12.64	68.2	39.49	33.1	12.68	29.71	295	125	P	V
		5364.35	46.37	-7.63	54	30.4	33.12	12.55	29.7	295	125	A	V
	*	5670	113.14	-	-	96.55	33.38	12.92	29.71	295	125	P	V
	*	5670	105.68	-	-	89.09	33.38	12.92	29.71	295	125	A	V
		5728.6	65.27	-2.93	68.2	48.3	33.7	12.97	29.7	295	125	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	46.78	-27.22	74	56.92	38.77	18.12	67.03	-	-	P	H
		16530	47.25	-20.95	68.2	54.47	37.76	22.42	67.4	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 102		11020	46.38	-27.62	74	56.53	38.76	18.12	67.03	-	-	P	V
5510MHz		16530	47.92	-20.28	68.2	55.12	37.78	22.42	67.4	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	46.67	-27.33	74	56.83	38.8	18.18	67.14	-	-	P	H
		16650	47.26	-20.94	68.2	54.64	37.69	22.53	67.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 110		11100	47.38	-26.62	74	57.46	38.88	18.18	67.14	-	-	P	V
5550MHz		16650	46.98	-21.22	68.2	54.37	37.68	22.53	67.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	47.88	-26.12	74	57.56	39.22	18.37	67.27	-	-	P	H
		17010	49.15	-19.05	68.2	55.92	37.88	22.84	67.49	313	196	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 134		11340	51.93	-22.07	74	61.61	39.22	18.37	67.27	394	148	P	V
5670MHz		11340	42.33	-11.67	54	52.01	39.22	18.37	67.27	394	148	A	V
		17010	49.64	-18.56	68.2	56.41	37.88	22.84	67.49	259	119	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT80 Full CH 106 5530MHz		5459.92	63.11	-10.89	74	47.05	33.1	12.67	29.71	299	55	P	H
		5462.56	64.35	-3.85	68.2	48.28	33.1	12.68	29.71	299	55	P	H
		5459.92	53.52	-0.48	54	37.46	33.1	12.67	29.71	299	55	A	H
	*	5530	109.53	-	-	93.46	33	12.76	29.69	299	55	P	H
	*	5530	100.47	-	-	84.4	33	12.76	29.69	299	55	A	H
		5763.11	56.14	-12.06	68.2	38.99	33.84	13	29.69	299	55	P	H
		5459.44	64.15	-9.85	74	48.09	33.1	12.67	29.71	319	48	P	V
		5469.52	64.95	-3.25	68.2	48.88	33.09	12.69	29.71	319	48	P	V
		5459.92	53.77	-0.23	54	37.71	33.1	12.67	29.71	319	48	A	V
	*	5530	111.5	-	-	95.43	33	12.76	29.69	319	48	P	V
	*	5530	102.17	-	-	86.1	33	12.76	29.69	319	48	A	V
		5728.46	57.68	-10.52	68.2	40.78	33.63	12.97	29.7	319	48	P	V
802.11be EHT80 Full CH 122 5610MHz		5453.48	56.23	-17.77	74	40.22	33.05	12.67	29.71	321	360	P	H
		5461.02	56.48	-11.72	68.2	40.46	33.05	12.68	29.71	321	360	P	H
		5456.6	46.56	-7.44	54	30.55	33.05	12.67	29.71	321	360	A	H
	*	5610	111.47	-	-	95.17	33.17	12.86	29.73	321	360	P	H
	*	5610	102.39	-	-	86.09	33.17	12.86	29.73	321	360	A	H
		5733.185	60.38	-7.82	68.2	43.36	33.73	12.98	29.69	321	360	P	H
		5455.04	57.59	-16.41	74	41.52	33.11	12.67	29.71	376	33	P	V
		5467	59.48	-8.72	68.2	43.41	33.1	12.68	29.71	376	33	P	V
		5459.98	48.19	-5.81	54	32.13	33.1	12.67	29.71	376	33	A	V
	*	5610	112.12	-	-	95.9	33.09	12.86	29.73	376	33	P	V
	*	5610	102.95	-	-	86.73	33.09	12.86	29.73	376	33	A	V
		5727.83	65.9	-2.3	68.2	48.93	33.7	12.97	29.7	376	33	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	46.74	-27.26	74	56.9	38.76	18.15	67.07	-	-	P	H
		16590	47.52	-20.68	68.2	54.77	37.75	22.47	67.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 106		11060	46.55	-27.45	74	56.66	38.81	18.15	67.07	-	-	P	V
5530MHz		16590	47.37	-20.83	68.2	54.64	37.73	22.47	67.47	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3	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	47.96	-26.04	74	58.04	39.01	18.28	67.37	-	-	P	H
		16830	47.59	-20.61	68.2	54.81	37.58	22.68	67.48	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 122		11220	47.66	-26.34	74	57.74	39.01	18.28	67.37	-	-	P	V
5610MHz		16830	48.46	-19.74	68.2	55.68	37.58	22.68	67.48	304	188	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 3 5470~5725MHz

WIFI 802.11be EHT160 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT160 Full CH 114 5570MHz		5424.09	64.93	-9.07	74	48.88	33.13	12.63	29.71	301	14	P	H
		5463.15	60.93	-7.27	68.2	44.86	33.1	12.68	29.71	301	14	P	H
		5442.38	53.69	-0.31	54	37.63	33.12	12.65	29.71	301	14	A	H
	*	5570	107.04	-	-	90.95	32.99	12.81	29.71	301	14	P	H
	*	5570	98.26	-	-	82.17	32.99	12.81	29.71	301	14	A	H
		5759.015	61.84	-6.36	68.2	44.71	33.82	13	29.69	301	14	P	H
		5407.04	64.27	-9.73	74	48.23	33.14	12.61	29.71	370	24	P	V
		5462.84	63.23	-4.97	68.2	47.16	33.1	12.68	29.71	370	24	P	V
		5449.82	53.3	-0.7	54	37.23	33.12	12.66	29.71	370	24	A	V
	*	5570	108.3	-	-	92.21	32.99	12.81	29.71	370	24	P	V
	*	5570	99.1	-	-	83.01	32.99	12.81	29.71	370	24	A	V
		5744.525	63.21	-4.99	68.2	46.17	33.74	12.99	29.69	370	24	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT160 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT160 Full CH 114 5570MHz		11140	46.23	-27.77	74	56.37	38.86	18.21	67.21	-	-	P	H
		16710	47.91	-20.29	68.2	54.71	38.29	22.58	67.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11140	47.34	-26.66	74	57.48	38.86	18.21	67.21	-	-	P	V
		16710	47.97	-20.23	68.2	54.77	38.29	22.58	67.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5411.23	56.39	-17.61	74	40.38	33.11	12.61	29.71	300	19	P	H
		5459.98	55.07	-18.93	74	39.06	33.05	12.67	29.71	300	19	P	H
		5419.81	47.13	-6.87	54	31.12	33.1	12.62	29.71	300	19	A	H
	*	5720	115.12	-	-	98.21	33.65	12.96	29.7	300	19	P	H
	*	5720	108.04	-	-	91.13	33.65	12.96	29.7	300	19	A	H
		5905.8	56.86	-11.34	68.2	39.08	34.35	13.15	29.72	300	19	P	H
		5407.33	56.45	-17.55	74	40.42	33.13	12.61	29.71	300	53	P	V
		5462.32	54.89	-13.31	68.2	38.82	33.1	12.68	29.71	300	53	P	V
		5417.47	46.91	-7.09	54	30.87	33.13	12.62	29.71	300	53	A	V
	*	5720	116.34	-	-	99.43	33.65	12.96	29.7	300	53	P	V
	*	5720	109.89	-	-	92.98	33.65	12.96	29.7	300	53	A	V
		5905.54	58.71	-9.49	68.2	40.93	34.35	13.15	29.72	300	53	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.69	-26.31	74	56.91	39.18	18.44	66.84	-	-	P	H
		17160	48.51	-19.69	68.2	55.67	37.48	22.98	67.62	319	257	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	52.5	-21.5	74	61.74	39.16	18.44	66.84	301	148	P	V
		11440	43.98	-10.02	54	53.22	39.16	18.44	66.84	301	148	A	V
		17160	48.86	-19.34	68.2	56.01	37.49	22.98	67.62	387	360	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - Straddle Channel

WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT20 Full CH 144 5720MHz		5454.13	55.9	-18.1	74	39.89	33.05	12.67	29.71	400	17	P	H
		5463.49	55.12	-13.08	68.2	39.1	33.05	12.68	29.71	400	17	P	H
		5421.76	46.82	-7.18	54	30.8	33.1	12.63	29.71	400	17	A	H
	*	5720	116.79	-	-	99.82	33.7	12.97	29.7	400	17	P	H
	*	5720	109.04	-	-	92.07	33.7	12.97	29.7	400	17	A	H
		5949.48	56.29	-11.91	68.2	38.49	34.35	13.2	29.75	400	17	P	H
		5387.44	54.86	-19.14	74	38.85	33.13	12.58	29.7	303	59	P	V
		5460.76	55.26	-12.94	68.2	39.19	33.1	12.68	29.71	303	59	P	V
		5409.28	46.09	-7.91	54	30.06	33.13	12.61	29.71	303	59	A	V
	*	5720	116.5	-	-	99.61	33.63	12.96	29.7	303	59	P	V
	*	5720	109.37	-	-	92.48	33.63	12.96	29.7	303	59	A	V
		5884.48	56.93	-11.27	68.2	39.18	34.33	13.13	29.71	303	59	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be EHT20 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	49.24	-24.76	74	58.46	39.18	18.44	66.84	303	22	P	H
		11440	38.89	-15.11	54	48.11	39.18	18.44	66.84	303	22	A	H
		17160	49.27	-18.93	68.2	56.43	37.48	22.98	67.62	303	152	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 144		11440	52.84	-21.16	74	62.08	39.16	18.44	66.84	299	152	P	V
5720MHz		11440	43.25	-10.75	54	52.49	39.16	18.44	66.84	299	152	A	V
		17160	47.92	-20.28	68.2	55.07	37.49	22.98	67.62	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - Straddle Channel

WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT40 Full CH 142 5710MHz		5446.72	55.87	-18.13	74	39.86	33.06	12.66	29.71	386	180	P	H
		5465.05	55	-13.2	68.2	38.98	33.05	12.68	29.71	386	180	P	H
		5420.98	47.34	-6.66	54	31.32	33.1	12.63	29.71	386	180	A	H
	*	5710	114.64	-	-	97.8	33.59	12.95	29.7	386	180	P	H
	*	5710	106.5	-	-	89.66	33.59	12.95	29.7	386	180	A	H
		5864.2	57.84	-10.36	68.2	40.16	34.27	13.11	29.7	386	180	P	H
		5400.7	56.29	-17.71	74	40.26	33.13	12.6	29.7	382	59	P	V
		5462.71	55	-13.2	68.2	38.93	33.1	12.68	29.71	382	59	P	V
		5421.37	47.13	-6.87	54	31.09	33.12	12.63	29.71	382	59	A	V
	*	5710	114.79	-	-	97.94	33.6	12.95	29.7	382	59	P	V
	*	5710	107.14	-	-	90.29	33.6	12.95	29.7	382	59	A	V
		5890.72	57.4	-10.8	68.2	39.63	34.34	13.14	29.71	382	59	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.99	-26.01	74	57.29	39.18	18.43	66.91	-	-	P	H
		17130	47.91	-20.29	68.2	55.22	37.4	22.95	67.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 142		11420	51	-23	74	60.32	39.16	18.43	66.91	400	151	P	V
5710MHz		11420	41.76	-12.24	54	51.08	39.16	18.43	66.91	400	151	A	V
		17130	47.73	-20.47	68.2	55.02	37.42	22.95	67.66	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 3 Straddle Channel

WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT80 Full CH 138 5690MHz		5403.82	56.35	-17.65	74	40.32	33.13	12.6	29.7	399	167	P	H
		5464.27	55.56	-12.64	68.2	39.54	33.05	12.68	29.71	399	167	P	H
		5409.67	46.82	-7.18	54	30.8	33.12	12.61	29.71	399	167	A	H
	*	5690	111.78	-	-	95.06	33.48	12.94	29.7	399	167	P	H
	*	5690	103.21	-	-	86.49	33.48	12.94	29.7	399	167	A	H
		5877.72	57.8	-10.4	68.2	40.09	34.3	13.12	29.71	399	167	P	H
		5406.16	56.3	-17.7	74	40.27	33.13	12.61	29.71	303	27	P	V
		5465.05	56.93	-11.27	68.2	40.86	33.1	12.68	29.71	303	27	P	V
		5452.57	47.27	-6.73	54	31.2	33.11	12.67	29.71	303	27	A	V
	*	5690	113.03	-	-	96.3	33.49	12.94	29.7	303	27	P	V
	*	5690	103.62	-	-	86.89	33.49	12.94	29.7	303	27	A	V
		5850.42	61.05	-7.15	68.2	43.37	34.28	13.09	29.69	303	27	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	47.96	-26.04	74	57.46	39.19	18.4	67.09	-	-	P	H
		17070	47.77	-20.43	68.2	55.27	37.29	22.9	67.69	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 138		11380	47.86	-26.14	74	57.33	39.22	18.4	67.09	-	-	P	V
5690MHz		17070	46.85	-21.35	68.2	54.34	37.3	22.9	67.69	-	-	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.

Emission above 18GHz

WIFI 802.11be EHT80 Full (SHF @ 1m)

WIFI Ant. 1+3	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)
802.11be EHT80 Full SHF		39299.5	53.99	-20.01	74	37.03	43.93	25.8	52.77	102	65	P	H
		39299.5	44.1	-9.9	54	27.14	43.93	25.8	52.77	102	65	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		22120	44.09	-29.91	74	39.57	38.44	16.16	50.08	-	-	P	V
		27573.13	56.33	-11.87	68.2	48.66	39.45	19.39	51.17	232	0	P	V
		39775.84	55.12	-18.88	74	36.82	43.76	26.23	51.69	178	251	P	V
		39775.84	45.25	-8.75	54	26.95	43.76	26.23	51.69	178	251	A	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

WIFI 802.11be EHT80 Full (LF @ 3m)

WIFI Ant. 1+3	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)
802.11be EHT80 Full LF		31.94	25.82	-14.18	40	32.01	25.21	1.06	32.46	-	-	P	H
		146.4	21.27	-22.23	43.5	33.62	17.94	2.12	32.41	-	-	P	H
		334.58	21.75	-24.25	46	30.35	20.68	3.2	32.48	-	-	P	H
		500.45	36.86	-9.14	46	41.24	24.21	3.98	32.57	-	-	P	H
		749.74	39.54	-6.46	46	39.21	27.59	5.02	32.28	-	-	P	H
		942.77	34.26	-11.74	46	29.51	30.41	5.5	31.16	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	36.17	-3.83	40	41.68	25.9	1.05	32.46	100	9	Q	V
		92.08	25.04	-18.46	43.5	40.51	15.23	1.76	32.46	-	-	P	V
		500.45	30.4	-15.6	46	34.78	24.21	3.98	32.57	-	-	P	V
		606.18	31.99	-14.01	46	34.57	25.72	4.29	32.59	-	-	P	V
		749.74	37.45	-8.55	46	37.12	27.59	5.02	32.28	-	-	P	V
		952.47	33.76	-12.24	46	28.72	30.55	5.55	31.06	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

<4x4 Mode>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+3+4+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5140.92	61.34	-12.66	74	45.52	33.15	12.28	29.61	263	249	P	H
		5150	52.73	-1.27	54	36.93	33.13	12.29	29.62	263	249	A	H
	*	5180	117.18	-	-	101.38	33.11	12.31	29.62	263	249	P	H
	*	5180	110.5	-	-	94.7	33.11	12.31	29.62	263	249	A	H
													H
													H
		5149.5	61.67	-12.33	74	45.92	33.08	12.29	29.62	250	149	P	V
		5150	52.27	-1.73	54	36.52	33.08	12.29	29.62	250	149	A	V
	*	5180	114.48	-	-	98.7	33.09	12.31	29.62	250	149	P	V
	*	5180	108.85	-	-	93.07	33.09	12.31	29.62	250	149	A	V
													V
													V
802.11a CH 44 5220MHz		5073.06	58.08	-15.92	74	42.19	33.25	12.23	29.59	277	333	P	H
		5150	48.53	-5.47	54	32.73	33.13	12.29	29.62	277	333	A	H
	*	5220	119.68	-	-	103.85	33.1	12.36	29.63	277	333	P	H
	*	5220	113.57	-	-	97.74	33.1	12.36	29.63	277	333	A	H
		5440.96	56.65	-17.35	74	40.64	33.07	12.65	29.71	277	333	P	H
		5457.2	47.14	-6.86	54	31.13	33.05	12.67	29.71	277	333	A	H
		5149.5	56.82	-17.18	74	41.07	33.08	12.29	29.62	300	121	P	V
		5150	47.8	-6.2	54	32.05	33.08	12.29	29.62	300	121	A	V
	*	5220	119.07	-	-	103.22	33.12	12.36	29.63	300	121	P	V
	*	5220	114.09	-	-	98.24	33.12	12.36	29.63	300	121	A	V
		5440.68	55.92	-18.08	74	39.86	33.12	12.65	29.71	300	121	P	V
		5458.32	47.36	-6.64	54	31.29	33.11	12.67	29.71	300	121	A	V

802.11a CH 48 5240MHz		5091.78	56.64	-17.36	74	40.75	33.25	12.24	29.6	300	119	P	H
		5093.34	47.44	-6.56	54	31.55	33.25	12.24	29.6	300	119	A	H
	*	5240	119.57	-	-	103.72	33.11	12.38	29.64	300	119	P	H
	*	5240	114	-	-	98.15	33.11	12.38	29.64	300	119	A	H
		5376	55.83	-18.17	74	39.81	33.15	12.57	29.7	300	119	P	H
		5392.52	46.99	-7.01	54	30.96	33.14	12.59	29.7	300	119	A	H
		5105.56	56.02	-17.98	74	40.27	33.11	12.25	29.61	300	26	P	V
		5148.46	46.84	-7.16	54	31.09	33.08	12.29	29.62	300	26	A	V
	*	5240	119.97	-	-	104.08	33.15	12.38	29.64	300	26	P	V
	*	5240	114.9	-	-	99.01	33.15	12.38	29.64	300	26	A	V
		5450.2	56.25	-17.75	74	40.19	33.11	12.66	29.71	300	26	P	V
		5460	46.88	-7.12	54	30.81	33.1	12.68	29.71	300	26	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+3+4+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		10355	56.83	-11.37	68.2	68.39	38.72	17.6	67.88	400	250	P	H
		15540	47.1	-26.9	74	54	38.25	21.64	66.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10366	61.85	-6.35	68.2	73.37	38.71	17.61	67.84	397	139	P	V
		15540	47.65	-26.35	74	54.55	38.25	21.64	66.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	62.05	-6.15	68.2	73.27	38.76	17.67	67.65	400	247	P	H
		15660	46.98	-27.02	74	54.68	37.9	21.73	67.33	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz		10440	64.39	-3.81	68.2	75.62	38.75	17.67	67.65	301	283	P	V
		15660	47.89	-26.11	74	55.6	37.89	21.73	67.33	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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		10480	61.99	-6.21	68.2	73.05	38.78	17.7	67.54	400	248	P	H
		15720	47.96	-26.04	74	56.35	37.74	21.77	67.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10480	63.14	-5.06	68.2	74.19	38.79	17.7	67.54	400	289	P	V
		15720	47.84	-26.16	74	56.22	37.75	21.77	67.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 1 5150~5250MHz

WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT20 Full CH 36 5180MHz		5150	61.29	-12.71	74	45.49	33.13	12.29	29.62	282	248	P	H
		5150	52.9	-1.1	54	37.1	33.13	12.29	29.62	282	248	A	H
	*	5180	116.98	-	-	101.18	33.11	12.31	29.62	282	248	P	H
	*	5180	109.87	-	-	94.07	33.11	12.31	29.62	282	248	A	H
													H
													H
		5148.72	61.92	-12.08	74	46.17	33.08	12.29	29.62	300	104	P	V
		5149.5	52.04	-1.96	54	36.29	33.08	12.29	29.62	300	104	A	V
	*	5180	115.49	-	-	99.71	33.09	12.31	29.62	300	104	P	V
	*	5180	107.91	-	-	92.13	33.09	12.31	29.62	300	104	A	V
													V
													V
802.11be EHT20 Full CH 44 5220MHz		5136.5	56.91	-17.09	74	41.08	33.16	12.28	29.61	300	117	P	H
		5145.6	47.75	-6.25	54	31.93	33.14	12.29	29.61	300	117	A	H
	*	5220	118.37	-	-	102.54	33.1	12.36	29.63	300	117	P	H
	*	5220	113.16	-	-	97.33	33.1	12.36	29.63	300	117	A	H
		5447.4	56.65	-17.35	74	40.64	33.06	12.66	29.71	300	117	P	H
		5459.16	47.01	-6.99	54	31	33.05	12.67	29.71	300	117	A	H
		5146.9	58.37	-15.63	74	42.61	33.08	12.29	29.61	300	29	P	V
		5143.52	47.63	-6.37	54	31.88	33.08	12.28	29.61	300	29	A	V
	*	5220	122.36	-	-	106.51	33.12	12.36	29.63	300	29	P	V
	*	5220	114.17	-	-	98.32	33.12	12.36	29.63	300	29	A	V
		5420.52	56.97	-17.03	74	40.92	33.13	12.63	29.71	300	29	P	V
		5457.76	47.09	-6.91	54	31.02	33.11	12.67	29.71	300	29	A	V

802.11be EHT20 Full CH 48 5240MHz		5120.9	57.33	-16.67	74	41.47	33.2	12.27	29.61	300	351	P	H
		5148.72	47.93	-6.07	54	32.13	33.13	12.29	29.62	300	351	A	H
	*	5240	121.19	-	-	105.34	33.11	12.38	29.64	300	351	P	H
	*	5240	114.4	-	-	98.55	33.11	12.38	29.64	300	351	A	H
		5408.76	58.43	-15.57	74	42.41	33.12	12.61	29.71	300	351	P	H
		5388.88	47.2	-6.8	54	31.18	33.14	12.58	29.7	300	351	A	H
		5001.04	58.56	-15.44	74	42.67	33.29	12.17	29.57	300	350	P	V
		5147.68	47.31	-6.69	54	31.56	33.08	12.29	29.62	300	350	A	V
	*	5240	122.27	-	-	106.38	33.15	12.38	29.64	300	350	P	V
	*	5240	114.45	-	-	98.56	33.15	12.38	29.64	300	350	A	V
		5384.96	56.55	-17.45	74	40.54	33.13	12.58	29.7	300	350	P	V
		5460	46.7	-7.3	54	30.63	33.1	12.68	29.71	300	350	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be EHT20 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	55.62	-12.58	68.2	67.15	38.72	17.61	67.86	400	251	P	H
		15540	47.64	-26.36	74	54.54	38.25	21.64	66.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 36		10360	60.45	-7.75	68.2	71.99	38.71	17.61	67.86	400	138	P	V
5180MHz		15540	47.15	-26.85	74	54.05	38.25	21.64	66.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	62.21	-5.99	68.2	73.43	38.76	17.67	67.65	400	247	P	H
		15660	47.27	-26.73	74	54.97	37.9	21.73	67.33	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 44		10440	64.59	-3.61	68.2	75.82	38.75	17.67	67.65	300	280	P	V
5220MHz		15660	47.79	-26.21	74	55.5	37.89	21.73	67.33	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	61.72	-6.48	68.2	72.78	38.78	17.7	67.54	400	247	P	H
		15720	47.33	-26.67	74	55.72	37.74	21.77	67.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 48		10480	63.61	-4.59	68.2	74.66	38.79	17.7	67.54	300	280	P	V
5240MHz		15720	47.02	-26.98	74	55.4	37.75	21.77	67.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT40 Full CH 38 5190MHz		5149.76	60.41	-13.59	74	44.65	33.09	12.29	29.62	305	0	P	H
		5150	52.95	-1.05	54	37.19	33.09	12.29	29.62	305	0	A	H
	*	5190	112.26	-	-	96.52	33.04	12.32	29.62	305	0	P	H
	*	5190	105.17	-	-	89.43	33.04	12.32	29.62	305	0	A	H
		5416.88	55.5	-18.5	74	39.59	33	12.62	29.71	305	0	P	H
		5448.24	46.43	-7.57	54	30.56	32.92	12.66	29.71	305	0	A	H
		5148.72	63.1	-10.9	74	47.34	33.09	12.29	29.62	287	136	P	V
		5149.5	53.82	-0.18	54	38.06	33.09	12.29	29.62	287	136	A	V
	*	5190	112.16	-	-	96.42	33.04	12.32	29.62	287	136	P	V
	*	5190	106.4	-	-	90.66	33.04	12.32	29.62	287	136	A	V
		5433.4	56.3	-17.7	74	40.41	32.96	12.64	29.71	287	136	P	V
		5444.88	46.77	-7.23	54	30.89	32.93	12.66	29.71	287	136	A	V
802.11be EHT40 Full CH 46 5230MHz		5145.6	61.47	-12.53	74	45.69	33.1	12.29	29.61	200	218	P	H
		5147.94	52.03	-1.97	54	36.27	33.09	12.29	29.62	200	218	A	H
	*	5230	117.48	-	-	101.76	32.99	12.37	29.64	200	218	P	H
	*	5230	109.83	-	-	94.11	32.99	12.37	29.64	200	218	A	H
		5456.36	57.44	-16.56	74	41.56	32.92	12.67	29.71	200	218	P	H
		5457.76	47.42	-6.58	54	31.54	32.92	12.67	29.71	200	218	A	H
		5148.2	63.76	-10.24	74	48	33.09	12.29	29.62	400	336	P	V
		5149.5	53.31	-0.69	54	37.55	33.09	12.29	29.62	400	336	A	V
	*	5230	117.19	-	-	101.47	32.99	12.37	29.64	400	336	P	V
	*	5230	108.46	-	-	92.74	32.99	12.37	29.64	400	336	A	V
		5403.72	55.75	-18.25	74	39.82	33.03	12.6	29.7	400	336	P	V
		5399.8	46.54	-7.46	54	30.6	33.04	12.6	29.7	400	336	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	53.22	-14.98	68.2	64.67	38.72	17.63	67.8	400	216	P	H
		15570	47.26	-26.74	74	54.22	38.16	21.66	66.78	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 38		10380	60.39	-7.81	68.2	71.84	38.72	17.63	67.8	300	282	P	V
5190MHz		15570	47.6	-26.4	74	54.57	38.15	21.66	66.78	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	56.87	-11.33	68.2	68.01	38.77	17.69	67.6	400	247	P	H
		15690	46.54	-27.46	74	54.62	37.8	21.75	67.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 46		10460	60.53	-7.67	68.2	71.67	38.77	17.69	67.6	300	282	P	V
5230MHz		15690	45.99	-28.01	74	54.05	37.82	21.75	67.63	-	-	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.

Band 1 5150~5250MHz

WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT80 Full CH 42 5210MHz		5150.02	61.99	-88.01	150	46.23	33.09	12.29	29.62	300	332	P	H
		5150	53.38	-0.62	54	37.62	33.09	12.29	29.62	300	332	A	H
	*	5210	110.92	-	-	95.19	33.02	12.34	29.63	300	332	P	H
	*	5210	104.29	-	-	88.56	33.02	12.34	29.63	300	332	A	H
		5359.2	55.64	-18.36	74	39.73	33.07	12.54	29.7	300	332	P	H
		5452.72	46.19	-7.81	54	30.31	32.92	12.67	29.71	300	332	A	H
		5141.44	63.57	-10.43	74	47.79	33.11	12.28	29.61	304	126	P	V
		5141.18	53.73	-0.27	54	37.95	33.11	12.28	29.61	304	126	A	V
	*	5210	109.96	-	-	94.23	33.02	12.34	29.63	304	126	P	V
	*	5210	103.26	-	-	87.53	33.02	12.34	29.63	304	126	A	V
		5398.96	56.6	-17.4	74	40.66	33.04	12.6	29.7	304	126	P	V
		5417.16	46.89	-7.11	54	30.98	33	12.62	29.71	304	126	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	52.02	-16.18	68.2	63.34	38.73	17.65	67.7	400	246	P	H
		15630	47.02	-26.98	74	54.4	37.99	21.7	67.07	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 42		10420	55.42	-12.78	68.2	66.74	38.73	17.65	67.7	300	282	P	V
5210MHz		15630	47.07	-26.93	74	54.48	37.96	21.7	67.07	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11be EHT160 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT160 Full CH 50 5250MHz		5132.6	62.04	-11.96	74	46.25	33.12	12.28	29.61	300	330	P	H
		5131.24	52.53	-1.47	54	36.75	33.12	12.27	29.61	300	330	A	H
	*	5250	106.18	-	-	90.47	32.96	12.4	29.65	300	330	P	H
	*	5250	100.18	-	-	84.47	32.96	12.4	29.65	300	330	A	H
		5411.04	61.85	-12.15	74	45.93	33.02	12.61	29.71	300	330	P	H
		5392.8	52.08	-1.92	54	36.14	33.05	12.59	29.7	300	330	A	H
		5065.28	61.3	-12.7	74	45.52	33.15	12.22	29.59	312	28	P	V
		5084.66	52.05	-1.95	54	36.24	33.17	12.24	29.6	312	28	A	V
	*	5250	107.16	-	-	91.45	32.96	12.4	29.65	312	28	P	V
	*	5250	99.85	-	-	84.14	32.96	12.4	29.65	312	28	A	V
		5371.68	62.57	-11.43	74	46.65	33.06	12.56	29.7	312	28	P	V
		5393.12	53.74	-0.26	54	37.8	33.05	12.59	29.7	312	28	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be EHT160 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT160 Full CH 50 5250MHz		10498	46.87	-21.33	68.2	57.86	38.78	17.72	67.49	-	-	P	H
		15745	47.28	-26.72	74	55.93	37.69	21.78	68.12	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10498	47.95	-20.25	68.2	58.91	38.81	17.72	67.49	-	-	P	V
		15745	46.79	-27.21	74	55.43	37.7	21.78	68.12	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+3+4+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		5107.1	58.12	-15.88	74	42.23	33.24	12.26	29.61	300	336	P	H
		5113.56	47.97	-6.03	54	32.1	33.22	12.26	29.61	300	336	A	H
	*	5260	118.76	-	-	102.88	33.12	12.41	29.65	300	336	P	H
	*	5260	113.42	-	-	97.54	33.12	12.41	29.65	300	336	A	H
		5428.92	56.26	-17.74	74	40.24	33.09	12.64	29.71	300	336	P	H
		5412.96	46.96	-7.04	54	30.94	33.11	12.62	29.71	300	336	A	H
		5102.68	56.83	-17.17	74	41.08	33.11	12.25	29.61	300	26	P	V
		5102.68	47.24	-6.76	54	31.49	33.11	12.25	29.61	300	26	A	V
	*	5260	120.41	-	-	104.5	33.15	12.41	29.65	300	26	P	V
	*	5260	114.84	-	-	98.93	33.15	12.41	29.65	300	26	A	V
		5420.8	56.6	-17.4	74	40.56	33.12	12.63	29.71	300	26	P	V
		5414.08	46.84	-7.16	54	30.8	33.13	12.62	29.71	300	26	A	V
802.11a CH 60 5300MHz		5126.48	57.59	-16.41	74	41.74	33.19	12.27	29.61	300	338	P	H
		5143.14	47.99	-6.01	54	32.17	33.15	12.28	29.61	300	338	A	H
	*	5300	119.88	-	-	103.93	33.15	12.47	29.67	300	338	P	H
	*	5300	113.66	-	-	97.71	33.15	12.47	29.67	300	338	A	H
		5356.4	56.51	-17.49	74	40.52	33.15	12.54	29.7	300	338	P	H
		5352.76	47.46	-6.54	54	31.46	33.16	12.54	29.7	300	338	A	H
		5120.02	57.27	-16.73	74	41.51	33.1	12.27	29.61	300	112	P	V
		5000.34	47.6	-6.4	54	31.71	33.29	12.17	29.57	300	112	A	V
	*	5300	120.48	-	-	104.57	33.11	12.47	29.67	300	112	P	V
	*	5300	114.65	-	-	98.74	33.11	12.47	29.67	300	112	A	V
		5387.2	57.07	-16.93	74	41.06	33.13	12.58	29.7	300	112	P	V
		5352.48	48.31	-5.69	54	32.35	33.12	12.54	29.7	300	112	A	V

802.11a CH 64 5320MHz	*	5320	117.52	-	-	101.56	33.15	12.49	29.68	250	282	P	H
	*	5320	110.38	-	-	94.42	33.15	12.49	29.68	250	282	A	H
		5350.08	61.72	-12.28	74	45.73	33.16	12.53	29.7	250	282	P	H
		5350.08	53.37	-0.63	54	37.38	33.16	12.53	29.7	250	282	A	H
													H
													H
	*	5320	118.7	-	-	102.78	33.11	12.49	29.68	296	118	P	V
	*	5320	110.99	-	-	95.07	33.11	12.49	29.68	296	118	A	V
		5352.16	64	-10	74	48.04	33.12	12.54	29.7	296	118	P	V
		5351.04	53.58	-0.42	54	37.63	33.12	12.53	29.7	296	118	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	61.85	-6.35	68.2	72.75	38.81	17.73	67.44	400	247	P	H
		15778	47.41	-26.59	74	56.18	37.65	21.81	68.23	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	64.19	-4.01	68.2	75.06	38.84	17.73	67.44	300	279	P	V
		15778	47.24	-26.76	74	56.01	37.65	21.81	68.23	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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)
i802.11a CH 60 5300MHz		10600	60.4	-13.6	74	71.03	38.99	17.79	67.41	400	245	P	H
		10600	49.44	-4.56	54	60.07	38.99	17.79	67.41	400	245	A	H
		15900	46.51	-27.49	74	54.87	37.58	21.88	67.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	64.38	-9.62	74	75.03	38.97	17.79	67.41	300	111	P	V
		10600	53.02	-0.98	54	63.67	38.97	17.79	67.41	300	111	A	V
		15900	46.58	-27.42	74	54.97	37.55	21.88	67.82	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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		10640	56.94	-17.06	74	67.51	39.09	17.83	67.49	400	245	P	H
		10640	45.91	-8.09	54	56.48	39.09	17.83	67.49	400	245	A	H
		15965	46.78	-27.22	74	54.86	37.53	21.93	67.54	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	61.97	-12.03	74	72.58	39.05	17.83	67.49	300	112	P	V
		10640	50.32	-3.68	54	60.93	39.05	17.83	67.49	300	112	A	V
		15965	46.43	-27.57	74	54.57	37.47	21.93	67.54	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT20 Full CH 52 5260MHz		5100.64	56.86	-17.14	74	40.97	33.25	12.25	29.61	300	215	P	H
		5115.26	47.74	-6.26	54	31.87	33.22	12.26	29.61	300	215	A	H
	*	5260	121.23	-	-	105.35	33.12	12.41	29.65	300	215	P	H
	*	5260	112.7	-	-	96.82	33.12	12.41	29.65	300	215	A	H
		5456.16	57.8	-16.2	74	41.79	33.05	12.67	29.71	300	215	P	H
		5404.8	47.1	-6.9	54	31.06	33.13	12.61	29.7	300	215	A	H
		5021.08	57.44	-16.56	74	41.53	33.29	12.19	29.57	300	137	P	V
		5147.22	47.11	-6.89	54	31.35	33.08	12.29	29.61	300	137	A	V
	*	5260	124.45	-	-	108.54	33.15	12.41	29.65	300	137	P	V
	*	5260	113.3	-	-	97.39	33.15	12.41	29.65	300	137	A	V
		5446.56	57.42	-16.58	74	41.35	33.12	12.66	29.71	300	137	P	V
		5416.08	46.95	-7.05	54	30.91	33.13	12.62	29.71	300	137	A	V
802.11be EHT20 Full CH 60 5300MHz		5138.72	56.25	-17.75	74	40.42	33.16	12.28	29.61	260	286	P	H
		5149.94	47.33	-6.67	54	31.53	33.13	12.29	29.62	260	286	A	H
	*	5300	120.99	-	-	105.04	33.15	12.47	29.67	260	286	P	H
	*	5300	112.38	-	-	96.43	33.15	12.47	29.67	260	286	A	H
		5351.28	61.2	-12.8	74	45.21	33.16	12.53	29.7	260	286	P	H
		5350.56	50.4	-3.6	54	34.41	33.16	12.53	29.7	260	286	A	H
		5123.42	56.86	-17.14	74	41.1	33.1	12.27	29.61	250	113	P	V
		5001.02	46.85	-7.15	54	30.96	33.29	12.17	29.57	250	113	A	V
	*	5300	120.98	-	-	105.07	33.11	12.47	29.67	250	113	P	V
	*	5300	112.09	-	-	96.18	33.11	12.47	29.67	250	113	A	V
		5351.28	59.3	-14.7	74	43.35	33.12	12.53	29.7	250	113	P	V
		5352	50.36	-3.64	54	34.4	33.12	12.54	29.7	250	113	A	V

802.11be EHT20 Full CH 64 5320MHz	*	5320	119.73	-	-	103.77	33.15	12.49	29.68	261	282	P	H
	*	5320	110.79	-	-	94.83	33.15	12.49	29.68	261	282	A	H
		5350.24	62.17	-11.83	74	46.18	33.16	12.53	29.7	261	282	P	H
		5350.08	53.56	-0.44	54	37.57	33.16	12.53	29.7	261	282	A	H
													H
													H
	*	5320	118.86	-	-	102.94	33.11	12.49	29.68	282	114	P	V
	*	5320	110.83	-	-	94.91	33.11	12.49	29.68	282	114	A	V
		5352.16	63	-11	74	47.04	33.12	12.54	29.7	282	114	P	V
		5351.84	53.01	-0.99	54	37.06	33.12	12.53	29.7	282	114	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be EHT20 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	60.96	-7.24	68.2	71.86	38.81	17.73	67.44	400	244	P	H
		15780	46.73	-27.27	74	55.5	37.65	21.81	68.23	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 52		10520	62.99	-5.21	68.2	73.86	38.84	17.73	67.44	300	282	P	V
5260MHz		15780	47.05	-26.95	74	55.83	37.64	21.81	68.23	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	57	-17	74	67.63	38.99	17.79	67.41	400	270	P	H
		10600	47	-7	54	57.63	38.99	17.79	67.41	400	270	A	H
		15900	46.89	-27.11	74	55.25	37.58	21.88	67.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 60		10600	61.66	-12.34	74	72.31	38.97	17.79	67.41	300	114	P	V
5300MHz		10600	50.54	-3.46	54	61.19	38.97	17.79	67.41	300	114	A	V
		15900	46.54	-27.46	74	54.93	37.55	21.88	67.82	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	54.46	-19.54	74	65.03	39.09	17.83	67.49	400	269	P	H
		10640	44.21	-9.79	54	54.78	39.09	17.83	67.49	400	269	A	H
		15960	46.43	-27.57	74	54.53	37.54	21.92	67.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 64		10640	57.62	-16.38	74	68.23	39.05	17.83	67.49	300	324	P	V
5320MHz		10640	47.06	-6.94	54	57.67	39.05	17.83	67.49	300	324	A	V
		15960	46.25	-27.75	74	54.41	37.48	21.92	67.56	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT40 Full CH 54 5270MHz		5138.38	59.15	-14.85	74	43.37	33.11	12.28	29.61	300	348	P	H
		5149.6	49.21	-4.79	54	33.45	33.09	12.29	29.62	300	348	A	H
	*	5270	118.77	-	-	103.03	32.98	12.42	29.66	300	348	P	H
	*	5270	108.35	-	-	92.61	32.98	12.42	29.66	300	348	A	H
		5350.32	62.49	-11.51	74	46.59	33.07	12.53	29.7	300	348	P	H
		5350.08	52.67	-1.33	54	36.77	33.07	12.53	29.7	300	348	A	H
		5145.86	57.1	-16.9	74	41.32	33.1	12.29	29.61	300	121	P	V
		5144.16	48.19	-5.81	54	32.41	33.1	12.29	29.61	300	121	A	V
	*	5270	118.37	-	-	102.63	32.98	12.42	29.66	300	121	P	V
	*	5270	108.62	-	-	92.88	32.98	12.42	29.66	300	121	A	V
		5350.08	62.95	-11.05	74	47.05	33.07	12.53	29.7	300	121	P	V
		5350.08	52.73	-1.27	54	36.83	33.07	12.53	29.7	300	121	A	V
802.11be EHT40 Full CH 62 5310MHz		5125.8	55.75	-18.25	74	39.96	33.13	12.27	29.61	300	355	P	H
		5148.24	46.81	-7.19	54	31.05	33.09	12.29	29.62	300	355	A	H
	*	5310	112.79	-	-	96.97	33.02	12.48	29.68	300	355	P	H
	*	5310	102.36	-	-	86.54	33.02	12.48	29.68	300	355	A	H
		5350.08	63.34	-10.66	74	47.44	33.07	12.53	29.7	300	355	P	H
		5350.32	53.33	-0.67	54	37.43	33.07	12.53	29.7	300	355	A	H
		5126.48	55.58	-18.42	74	39.79	33.13	12.27	29.61	283	136	P	V
		5138.72	46.73	-7.27	54	30.95	33.11	12.28	29.61	283	136	A	V
	*	5310	115.55	-	-	99.73	33.02	12.48	29.68	283	136	P	V
	*	5310	105.69	-	-	89.87	33.02	12.48	29.68	283	136	A	V
		5356.56	61.61	-12.39	74	45.7	33.07	12.54	29.7	283	136	P	V
		5350.08	53.44	-0.56	54	37.54	33.07	12.53	29.7	283	136	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	57	-11.2	68.2	67.81	38.85	17.75	67.41	400	246	P	H
		10540	46.69	-7.31	54	57.5	38.85	17.75	67.41	400	246	A	H
		15811	46.77	-27.23	74	55.56	37.62	21.83	68.24	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 54		10540	61.23	-6.97	68.2	72.02	38.87	17.75	67.41	300	307	P	V
5270MHz		10540	50.56	-3.44	54	61.35	38.87	17.75	67.41	300	307	A	V
		15811	46.86	-27.14	74	55.66	37.61	21.83	68.24	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	51.09	-22.91	74	61.69	39.04	17.81	67.45	400	270	P	H
		10620	40.43	-13.57	54	51.03	39.04	17.81	67.45	400	270	A	H
		15932	46.41	-27.59	74	54.62	37.56	21.9	67.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 62		10620	54.92	-19.08	74	65.55	39.01	17.81	67.45	300	112	P	V
5310MHz		10620	43.68	-10.32	54	54.31	39.01	17.81	67.45	300	112	A	V
		15932	46.03	-27.97	74	54.29	37.51	21.9	67.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT80 Full CH 58 5290MHz		5147.56	55.85	-18.15	74	40.09	33.09	12.29	29.62	300	263	P	H
		5143.48	46.82	-7.18	54	31.05	33.1	12.28	29.61	300	263	A	H
	*	5290	108.89	-	-	93.11	33	12.45	29.67	300	263	P	H
	*	5290	100.61	-	-	84.83	33	12.45	29.67	300	263	A	H
		5361.6	60.63	-13.37	74	44.71	33.07	12.55	29.7	300	263	P	H
		5361.6	51.92	-2.08	54	36	33.07	12.55	29.7	300	263	A	H
		5148.58	57.39	-16.61	74	41.63	33.09	12.29	29.62	293	134	P	V
		5149.94	47.32	-6.68	54	31.56	33.09	12.29	29.62	293	134	A	V
	*	5290	111.55	-	-	95.77	33	12.45	29.67	293	134	P	V
	*	5290	102.15	-	-	86.37	33	12.45	29.67	293	134	A	V
		5350.08	61.18	-12.82	74	45.28	33.07	12.53	29.7	293	134	P	V
		5357.52	53.48	-0.52	54	37.57	33.07	12.54	29.7	293	134	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	46.69	-21.51	68.2	57.37	38.94	17.78	67.4	-	-	P	H
		15870	47.06	-26.94	74	55.61	37.58	21.86	67.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be EHT80 Full CH 58 5290MHz													H
													H
		10580	52.37	-15.83	68.2	63.06	38.93	17.78	67.4	300	112	P	V
		10580	41.55	-12.45	54	52.24	38.93	17.78	67.4	300	112	A	V
		15870	46.96	-27.04	74	55.52	37.57	21.86	67.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+3+4+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		5459.12	64.76	-9.24	74	48.88	32.92	12.67	29.71	267	263	P	H
		5469.52	67.17	-1.03	68.2	51.27	32.92	12.69	29.71	267	263	P	H
		5460	52.02	-1.98	54	36.13	32.92	12.68	29.71	267	263	A	H
	*	5500	120.06	-	-	104.12	32.91	12.73	29.7	267	263	P	H
	*	5500	112.14	-	-	96.2	32.91	12.73	29.7	267	263	A	H
													H
		5457.84	59.43	-14.57	74	43.55	32.92	12.67	29.71	300	119	P	V
		5470	62.91	-5.29	68.2	47.01	32.92	12.69	29.71	300	119	P	V
		5458.8	49.45	-4.55	54	33.57	32.92	12.67	29.71	300	119	A	V
	*	5500	120.08	-	-	104.14	32.91	12.73	29.7	300	119	P	V
	*	5500	110.85	-	-	94.91	32.91	12.73	29.7	300	119	A	V
													V
802.11a CH 116 5580MHz		5435.44	57.49	-16.51	74	41.61	32.95	12.64	29.71	284	223	P	H
		5461.6	56.89	-11.31	68.2	41	32.92	12.68	29.71	284	223	P	H
		5419.36	47.49	-6.51	54	31.59	32.99	12.62	29.71	284	223	A	H
	*	5580	120.67	-	-	104.53	33.03	12.83	29.72	284	223	P	H
	*	5580	113.99	-	-	97.85	33.03	12.83	29.72	284	223	A	H
		5735.705	58.7	-9.5	68.2	41.87	33.54	12.98	29.69	284	223	P	H
		5452.72	57.22	-16.78	74	41.34	32.92	12.67	29.71	300	24	P	V
		5464.96	55.79	-12.41	68.2	39.9	32.92	12.68	29.71	300	24	P	V
		5458.24	46.73	-7.27	54	30.85	32.92	12.67	29.71	300	24	A	V
	*	5580	120.99	-	-	104.85	33.03	12.83	29.72	300	24	P	V
	*	5580	114.53	-	-	98.39	33.03	12.83	29.72	300	24	A	V
		5759.33	58.45	-9.75	68.2	41.46	33.68	13	29.69	300	24	P	V

802.11a CH 140 5700MHz	*	5700	120.04	-	-	103.48	33.32	12.94	29.7	300	288	P	H
	*	5700	113.05	-	-	96.49	33.32	12.94	29.7	300	288	A	H
		5730.52	63.06	-5.14	68.2	46.28	33.5	12.97	29.69	300	288	P	H
													H
													H
													H
	*	5700	118.92	-	-	102.36	33.32	12.94	29.7	365	19	P	V
	*	5700	113.03	-	-	96.47	33.32	12.94	29.7	365	19	A	V
		5727.8	62.59	-5.61	68.2	45.83	33.49	12.97	29.7	365	19	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	52	-22	74	62.13	38.79	18.1	67.02	400	297	P	H
		11000	42.32	-11.68	54	52.45	38.79	18.1	67.02	400	297	P	H
		16500	46.28	-21.92	68.2	53.52	37.76	22.39	67.39	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 100 5500MHz		11000	55.78	-18.22	74	65.97	38.73	18.1	67.02	300	285	P	V
		11000	44.26	-9.74	54	54.45	38.73	18.1	67.02	300	285	P	V
		16500	47.56	-20.64	68.2	54.78	37.78	22.39	67.39	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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 116 5580MHz		11160	55.24	-18.76	74	65.32	38.95	18.23	67.26	400	287	P	H
		11160	44.92	-9.08	54	55	38.95	18.23	67.26	400	287	A	H
		16740	51.67	-16.53	68.2	59.28	37.47	22.6	67.68	400	70	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	57.07	-16.93	74	67.15	38.95	18.23	67.26	286	298	P	V
		11160	47.59	-6.41	54	57.67	38.95	18.23	67.26	286	298	A	V
		16740	57.03	-11.17	68.2	64.63	37.48	22.6	67.68	298	341	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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		11400	54.84	-19.16	74	64.21	39.19	18.42	66.98	400	279	P	H
		11400	44.79	-9.21	54	54.16	39.19	18.42	66.98	400	279	A	H
		17100	52.79	-15.41	68.2	60.23	37.32	22.92	67.68	400	42	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	60.25	-13.75	74	69.64	39.17	18.42	66.98	400	87	P	V
		11400	49.86	-4.14	54	59.25	39.17	18.42	66.98	400	87	A	V
		17100	59.54	-8.66	68.2	66.95	37.35	22.92	67.68	300	118	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT20 Full CH 100 5500MHz		5460.08	66.12	-2.08	68.2	50.23	32.92	12.68	29.71	273	265	P	H
		5469.2	66.98	-1.22	68.2	51.08	32.92	12.69	29.71	273	265	P	H
		5460	53.22	-0.78	54	37.33	32.92	12.68	29.71	273	265	A	H
	*	5500	121.83	-	-	105.89	32.91	12.73	29.7	273	265	P	H
	*	5500	112.76	-	-	96.82	32.91	12.73	29.7	273	265	A	H
													H
		5460.08	58.37	-9.83	68.2	42.48	32.92	12.68	29.71	300	26	P	V
		5462.16	63.26	-4.94	68.2	47.37	32.92	12.68	29.71	300	26	P	V
		5460	49.73	-4.27	54	33.84	32.92	12.68	29.71	300	26	A	V
	*	5500	119.15	-	-	103.21	32.91	12.73	29.7	300	26	P	V
	*	5500	110.1	-	-	94.16	32.91	12.73	29.7	300	26	A	V
													V
802.11be EHT20 Full CH 116 5580MHz		5416.72	58.18	-15.82	74	42.27	33	12.62	29.71	286	222	P	H
		5464.96	56.34	-11.86	68.2	40.45	32.92	12.68	29.71	286	222	P	H
		5418.88	47.31	-6.69	54	31.4	33	12.62	29.71	286	222	A	H
	*	5580	123.38	-	-	107.24	33.03	12.83	29.72	286	222	P	H
	*	5580	115.01	-	-	98.87	33.03	12.83	29.72	286	222	A	H
		5744.21	59.01	-9.19	68.2	42.12	33.59	12.99	29.69	286	222	P	H
		5456.8	57.46	-16.54	74	41.58	32.92	12.67	29.71	300	124	P	V
		5460.88	56.49	-11.71	68.2	40.6	32.92	12.68	29.71	300	124	P	V
		5435.2	47.18	-6.82	54	31.3	32.95	12.64	29.71	300	124	A	V
	*	5580	122.8	-	-	106.66	33.03	12.83	29.72	300	124	P	V
	*	5580	115.07	-	-	98.93	33.03	12.83	29.72	300	124	A	V
		5759.645	58.5	-9.7	68.2	41.5	33.69	13	29.69	300	124	P	V

802.11be EHT20 Full CH 140 5700MHz	*	5700	117.8	-	-	101.24	33.32	12.94	29.7	300	289	P	H
	*	5700	111.19	-	-	94.63	33.32	12.94	29.7	300	289	A	H
		5725.8	60.24	-7.96	68.2	43.49	33.48	12.97	29.7	300	289	P	H
													H
													H
													H
	*	5700	118.19	-	-	101.63	33.32	12.94	29.7	269	310	P	V
	*	5700	111.72	-	-	95.16	33.32	12.94	29.7	269	310	A	V
		5725.56	67.45	-0.75	68.2	50.71	33.47	12.97	29.7	269	310	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT20 (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	53.51	-20.49	74	63.64	38.79	18.1	67.02	400	299	P	H
		11000	43.87	-10.13	54	54	38.79	18.1	67.02	400	299	A	H
		16500	48.63	-19.57	68.2	55.87	37.76	22.39	67.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 100		11000	57.1	-16.9	74	67.29	38.73	18.1	67.02	300	241	P	V
5500MHz		11000	46.26	-7.74	54	56.45	38.73	18.1	67.02	300	241	A	V
		16500	48.72	-19.48	68.2	55.94	37.78	22.39	67.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	55.19	-18.81	74	65.27	38.95	18.23	67.26	400	287	P	H
		11160	45.07	-8.93	54	55.15	38.95	18.23	67.26	400	287	A	H
		16740	49.38	-18.82	68.2	56.99	37.47	22.6	67.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 116		11160	59.31	-14.69	74	69.39	38.95	18.23	67.26	300	33	P	V
5580MHz		11160	47.86	-6.14	54	57.94	38.95	18.23	67.26	300	33	A	V
		16740	53.22	-14.98	68.2	60.82	37.48	22.6	67.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	51.65	-22.35	74	61.02	39.19	18.42	66.98	400	278	P	H
		11400	42.27	-11.73	54	51.64	39.19	18.42	66.98	400	278	A	H
		17100	48.49	-19.71	68.2	55.93	37.32	22.92	67.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 140		11400	56.53	-17.47	74	65.92	39.17	18.42	66.98	400	89	P	V
5700MHz		11400	46.82	-7.18	54	56.21	39.17	18.42	66.98	400	89	A	V
		17100	48.87	-19.33	68.2	56.28	37.35	22.92	67.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT40 Full CH 102 5510MHz		5459.92	59.43	-14.57	74	43.55	32.92	12.67	29.71	300	254	P	H
		5468.8	67.25	-0.95	68.2	51.35	32.92	12.69	29.71	300	254	P	H
		5459.92	50.95	-3.05	54	35.07	32.92	12.67	29.71	300	254	A	H
	*	5510	116.11	-	-	100.15	32.92	12.74	29.7	300	254	P	H
	*	5510	108.53	-	-	92.57	32.92	12.74	29.7	300	254	A	H
		5763.11	57.88	-10.32	68.2	40.86	33.71	13	29.69	300	254	P	H
		5458	64.22	-9.78	74	48.34	32.92	12.67	29.71	300	312	P	V
		5468.8	67.85	-0.35	68.2	51.95	32.92	12.69	29.71	300	312	P	V
		5458.96	52.09	-1.91	54	36.21	32.92	12.67	29.71	300	312	A	V
	*	5510	115.01	-	-	99.05	32.92	12.74	29.7	300	312	P	V
	*	5510	108.04	-	-	92.08	32.92	12.74	29.7	300	312	A	V
		5743.265	58.06	-10.14	68.2	41.18	33.58	12.99	29.69	300	312	P	V
802.11be EHT40 Full CH 110 5550MHz		5442.88	58.93	-15.07	74	43.05	32.94	12.65	29.71	253	109	P	H
		5464.96	60.65	-7.55	68.2	44.76	32.92	12.68	29.71	253	109	P	H
		5455.36	48.61	-5.39	54	32.73	32.92	12.67	29.71	253	109	A	H
	*	5550	121.51	-	-	105.44	32.97	12.79	29.69	253	109	P	H
	*	5550	112.04	-	-	95.97	32.97	12.79	29.69	253	109	A	H
		5761.535	58.5	-9.7	68.2	41.49	33.7	13	29.69	253	109	P	H
		5449.12	58.52	-15.48	74	42.65	32.92	12.66	29.71	300	130	P	V
		5467.84	60.05	-8.15	68.2	44.16	32.92	12.68	29.71	300	130	P	V
		5457.28	49.12	-4.88	54	33.24	32.92	12.67	29.71	300	130	A	V
	*	5550	118.95	-	-	102.88	32.97	12.79	29.69	300	130	P	V
	*	5550	111.66	-	-	95.59	32.97	12.79	29.69	300	130	A	V
		5759.96	58.82	-9.38	68.2	41.82	33.69	13	29.69	300	130	P	V

802.11be EHT40 Full CH 134 5670MHz		5414.64	56.02	-17.98	74	40.1	33.01	12.62	29.71	254	283	P	H
		5464.24	55.39	-12.81	68.2	39.5	32.92	12.68	29.71	254	283	P	H
		5444.08	46.51	-7.49	54	30.63	32.93	12.66	29.71	254	283	A	H
	*	5670	118.63	-	-	102.2	33.22	12.92	29.71	254	283	P	H
	*	5670	111.21	-	-	94.78	33.22	12.92	29.71	254	283	A	H
		5726.885	67.62	-0.58	68.2	50.87	33.48	12.97	29.7	254	283	P	H
		5406.32	55.29	-18.71	74	39.36	33.03	12.61	29.71	300	43	P	V
		5461.04	55.74	-12.46	68.2	39.85	32.92	12.68	29.71	300	43	P	V
		5458.16	45.94	-8.06	54	30.06	32.92	12.67	29.71	300	43	A	V
	*	5670	115.47	-	-	99.04	33.22	12.92	29.71	300	43	P	V
	*	5670	107.82	-	-	91.39	33.22	12.92	29.71	300	43	A	V
		5726.885	64.98	-3.22	68.2	48.23	33.48	12.97	29.7	300	43	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	47.93	-26.07	74	58.07	38.77	18.12	67.03	-	-	P	H
		16530	47.99	-20.21	68.2	55.21	37.76	22.42	67.4	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 102		11020	54.57	-19.43	74	64.72	38.76	18.12	67.03	300	240	P	V
5510MHz		11020	43.57	-10.43	54	53.72	38.76	18.12	67.03	300	240	A	V
		16530	48.73	-19.47	68.2	55.93	37.78	22.42	67.4	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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	54.02	-19.98	74	64.18	38.8	18.18	67.14	400	297	P	H
		11100	42.69	-11.31	54	52.85	38.8	18.18	67.14	400	297	A	H
		16650	48.34	-19.86	68.2	55.72	37.69	22.53	67.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 110		11100	54.93	-19.07	74	65.01	38.88	18.18	67.14	300	33	P	V
5550MHz		11100	45.8	-8.2	54	55.88	38.88	18.18	67.14	300	33	A	V
		16650	53.58	-14.62	68.2	60.97	37.68	22.53	67.6	300	340	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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)
		11334	52.17	-21.83	74	61.91	39.18	18.36	67.28	400	283	P	H
		11334	42.98	-11.02	54	52.72	39.18	18.36	67.28	400	283	A	H
		17010	47.38	-20.82	68.2	54.79	37.24	22.84	67.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 134		11334	58.85	-15.15	74	68.51	39.26	18.36	67.28	300	315	P	V
5670MHz		11334	48.9	-5.1	54	58.56	39.26	18.36	67.28	300	315	A	V
		17010	47.14	-21.06	68.2	54.57	37.22	22.84	67.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT80 Full CH 106 5530MHz		5444.8	62.56	-11.44	74	46.68	32.93	12.66	29.71	300	267	P	H
		5462.56	63.63	-4.57	68.2	47.74	32.92	12.68	29.71	300	267	P	H
		5444.8	50.97	-3.03	54	35.09	32.93	12.66	29.71	300	267	A	H
	*	5530	112.11	-	-	96.09	32.95	12.76	29.69	300	267	P	H
	*	5530	104.22	-	-	88.2	32.95	12.76	29.69	300	267	A	H
		5762.48	56.83	-11.37	68.2	39.81	33.71	13	29.69	300	267	P	H
		5459.44	62.84	-11.16	74	46.96	32.92	12.67	29.71	300	121	P	V
		5468.56	63.14	-5.06	68.2	47.24	32.92	12.69	29.71	300	121	P	V
		5459.68	53.23	-0.77	54	37.35	32.92	12.67	29.71	300	121	A	V
	*	5530	111.79	-	-	95.77	32.95	12.76	29.69	300	121	P	V
	*	5530	103.64	-	-	87.62	32.95	12.76	29.69	300	121	A	V
		5758.7	57.75	-10.45	68.2	40.76	33.68	13	29.69	300	121	P	V
802.11be EHT80 Full CH 122 5610MHz		5456.86	58.22	-15.78	74	42.34	32.92	12.67	29.71	300	276	P	H
		5464.14	58.51	-9.69	68.2	42.62	32.92	12.68	29.71	300	276	P	H
		5455.56	48.59	-5.41	54	32.71	32.92	12.67	29.71	300	276	A	H
	*	5610	116.61	-	-	100.4	33.08	12.86	29.73	300	276	P	H
	*	5610	108.34	-	-	92.13	33.08	12.86	29.73	300	276	A	H
		5744.21	63.07	-5.13	68.2	46.18	33.59	12.99	29.69	300	276	P	H
		5456.34	59.74	-14.26	74	43.86	32.92	12.67	29.71	265	308	P	V
		5468.04	60.33	-7.87	68.2	44.43	32.92	12.69	29.71	265	308	P	V
		5457.38	49.4	-4.6	54	33.52	32.92	12.67	29.71	265	308	A	V
	*	5610	116.36	-	-	100.15	33.08	12.86	29.73	265	308	P	V
	*	5610	108.05	-	-	91.84	33.08	12.86	29.73	265	308	A	V
		5734.76	64.86	-3.34	68.2	48.04	33.53	12.98	29.69	265	308	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	47.21	-26.79	74	57.37	38.76	18.15	67.07	-	-	P	H
		16590	47.84	-20.36	68.2	55.09	37.75	22.47	67.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 106		11060	47.89	-26.11	74	58	38.81	18.15	67.07	-	-	P	V
5530MHz		16590	47.89	-20.31	68.2	55.16	37.73	22.47	67.47	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+3+4+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)
		11224	47.91	-26.09	74	57.97	39.03	18.28	67.37	-	-	P	H
		16834	46.61	-21.59	68.2	54.1	37.29	22.69	67.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 122		11224	51.47	-22.53	74	61.53	39.03	18.28	67.37	300	295	P	V
5610MHz		11224	40.77	-13.23	54	50.83	39.03	18.28	67.37	300	295	A	V
		16834	46.85	-21.35	68.2	54.34	37.29	22.69	67.47	-	-	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.

Band 3 5470~5725MHz

WIFI 802.11be EHT160 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT160 Full CH 114 5570MHz		5451.76	61.44	-12.56	74	45.57	32.92	12.66	29.71	260	0	P	H
		5462	61.01	-7.19	68.2	45.12	32.92	12.68	29.71	260	0	P	H
		5454	52.67	-1.33	54	36.79	32.92	12.67	29.71	260	0	A	H
	*	5570	107.84	-	-	91.73	33.01	12.81	29.71	260	0	P	H
	*	5570	99.94	-	-	83.83	33.01	12.81	29.71	260	0	A	H
		5742.005	64.14	-4.06	68.2	47.28	33.57	12.98	29.69	260	0	P	H
		5456.88	63.32	-10.68	74	47.44	32.92	12.67	29.71	284	124	P	V
		5468.4	60.34	-7.86	68.2	44.44	32.92	12.69	29.71	284	124	P	V
		5398.96	53.54	-0.46	54	37.6	33.04	12.6	29.7	284	124	A	V
	*	5570	108.76	-	-	92.65	33.01	12.81	29.71	284	124	P	V
	*	5570	100.93	-	-	84.82	33.01	12.81	29.71	284	124	A	V
		5733.185	63.53	-4.67	68.2	46.72	33.52	12.98	29.69	284	124	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT160 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT160 Full CH 114 5570MHz		11136	47.51	-26.49	74	57.59	38.9	18.22	67.2	-	-	P	H
		16713	47.98	-20.22	68.2	55.53	37.54	22.58	67.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11136	48.53	-25.47	74	58.58	38.93	18.22	67.2	400	170	P	V
		11136	37.66	-16.34	54	47.71	38.93	18.22	67.2	400	170	A	V
		16713	46.94	-21.26	68.2	54.48	37.55	22.58	67.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+3+4+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		5406.16	57.4	-16.6	74	41.47	33.03	12.61	29.71	300	273	P	H
		5467	55.67	-12.53	68.2	39.78	32.92	12.68	29.71	300	273	P	H
		5406.55	48.64	-5.36	54	32.71	33.03	12.61	29.71	300	273	A	H
	*	5720	123.2	-	-	106.5	33.44	12.96	29.7	300	273	P	H
	*	5720	115.73	-	-	99.03	33.44	12.96	29.7	300	273	A	H
		5921.14	59.78	-8.42	68.2	42.15	34.19	13.17	29.73	300	273	P	H
		5409.67	57.23	-16.77	74	41.31	33.02	12.61	29.71	300	304	P	V
		5463.1	55.33	-12.87	68.2	39.44	32.92	12.68	29.71	300	304	P	V
		5408.89	48.8	-5.2	54	32.88	33.02	12.61	29.71	300	304	A	V
	*	5720	121.89	-	-	105.19	33.44	12.96	29.7	300	304	P	V
	*	5720	114.95	-	-	98.25	33.44	12.96	29.7	300	304	A	V
		5854.06	58.5	-9.7	68.2	41.01	34.08	13.1	29.69	300	304	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	56.6	-17.4	74	65.82	39.18	18.44	66.84	400	280	P	H
		11440	46.38	-7.62	54	55.6	39.18	18.44	66.84	400	280	A	H
		17160	54.97	-13.23	68.2	62.13	37.48	22.98	67.62	300	41	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	60.23	-13.77	74	69.47	39.16	18.44	66.84	400	91	P	V
		11440	49.63	-4.37	54	58.87	39.16	18.44	66.84	400	91	A	V
		17160	60.89	-7.31	68.2	68.04	37.49	22.98	67.62	312	118	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT20 Full CH 144 5720MHz		5435.8	56.62	-17.38	74	40.74	32.95	12.64	29.71	300	289	P	H
		5465.83	55.7	-12.5	68.2	39.81	32.92	12.68	29.71	300	289	P	H
		5421.76	47.99	-6.01	54	32.08	32.99	12.63	29.71	300	289	A	H
	*	5720	121.93	-	-	105.23	33.44	12.96	29.7	300	289	P	H
	*	5720	115.31	-	-	98.61	33.44	12.96	29.7	300	289	A	H
		5875.64	58.57	-9.63	68.2	41.03	34.12	13.12	29.7	300	289	P	H
		5441.65	56.57	-17.43	74	40.69	32.94	12.65	29.71	300	21	P	V
		5468.56	54.43	-13.77	68.2	38.53	32.92	12.69	29.71	300	21	P	V
		5415.52	47.9	-6.1	54	31.99	33	12.62	29.71	300	21	A	V
	*	5720	122.11	-	-	105.41	33.44	12.96	29.7	300	21	P	V
	*	5720	114.75	-	-	98.05	33.44	12.96	29.7	300	21	A	V
		5876.68	57.94	-10.26	68.2	40.39	34.13	13.12	29.7	300	21	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be EHT20 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	55.49	-18.51	74	64.71	39.18	18.44	66.84	400	279	P	H
		11440	45.94	-8.06	54	55.16	39.18	18.44	66.84	400	279	A	H
		17160	54.98	-13.22	68.2	62.14	37.48	22.98	67.62	400	28	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 144		11440	60.16	-13.84	74	69.4	39.16	18.44	66.84	300	306	P	V
5720MHz		11440	49.49	-4.51	54	58.73	39.16	18.44	66.84	300	306	A	V
		17160	60.01	-8.19	68.2	67.16	37.49	22.98	67.62	300	117	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT40 Full CH 142 5710MHz		5406.16	56.98	-17.02	74	41.05	33.03	12.61	29.71	300	281	P	H
		5462.32	57.37	-10.83	68.2	41.48	32.92	12.68	29.71	300	281	P	H
		5408.11	47.52	-6.48	54	31.6	33.02	12.61	29.71	300	281	A	H
	*	5710	121.09	-	-	104.46	33.38	12.95	29.7	300	281	P	H
	*	5710	112.12	-	-	95.49	33.38	12.95	29.7	300	281	A	H
		5938.04	59.08	-9.12	68.2	41.44	34.2	13.18	29.74	300	281	P	H
		5385.88	56.64	-17.36	74	40.71	33.05	12.58	29.7	300	19	P	V
		5464.66	54.57	-13.63	68.2	38.68	32.92	12.68	29.71	300	19	P	V
		5416.69	47.42	-6.58	54	31.51	33	12.62	29.71	300	19	A	V
	*	5710	119.09	-	-	102.46	33.38	12.95	29.7	300	19	P	V
	*	5710	111.83	-	-	95.2	33.38	12.95	29.7	300	19	A	V
		5906.06	57.82	-10.38	68.2	40.21	34.18	13.15	29.72	300	19	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	51.13	-22.87	74	60.43	39.18	18.43	66.91	400	279	P	H
		11420	41.5	-12.5	54	50.8	39.18	18.43	66.91	400	279	A	H
		17131	47.82	-20.38	68.2	55.12	37.41	22.95	67.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 142		11420	56.95	-17.05	74	66.27	39.16	18.43	66.91	300	308	P	V
5710MHz		11420	45.53	-8.47	54	54.85	39.16	18.43	66.91	300	308	A	V
		17131	47.51	-20.69	68.2	54.8	37.42	22.95	67.66	-	-	P	V
													V
													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.

Band 3 Straddle Channel

WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT80 Full CH 138 5690MHz		5395.63	57.13	-16.87	74	41.19	33.05	12.59	29.7	300	275	P	H
		5461.93	56.29	-11.91	68.2	40.4	32.92	12.68	29.71	300	275	P	H
		5396.02	47.29	-6.71	54	31.35	33.05	12.59	29.7	300	275	A	H
	*	5690	119.5	-	-	102.97	33.29	12.94	29.7	300	275	P	H
	*	5690	111.88	-	-	95.35	33.29	12.94	29.7	300	275	A	H
		5942.98	58.64	-9.56	68.2	41	34.2	13.19	29.75	300	275	P	H
		5380.03	56.61	-17.39	74	40.68	33.06	12.57	29.7	300	20	P	V
		5461.15	56.32	-11.88	68.2	40.43	32.92	12.68	29.71	300	20	P	V
		5396.8	47.28	-6.72	54	31.34	33.04	12.6	29.7	300	20	A	V
	*	5690	121.27	-	-	104.74	33.29	12.94	29.7	300	20	P	V
	*	5690	111.61	-	-	95.08	33.29	12.94	29.7	300	20	A	V
		5850	57.68	-10.52	68.2	40.21	34.07	13.09	29.69	300	20	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3+4+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	50.12	-23.88	74	59.62	39.19	18.4	67.09	400	284	P	H
		11380	40.49	-13.51	54	49.99	39.19	18.4	67.09	400	284	A	H
		17065	47.5	-20.7	68.2	55.01	37.29	22.89	67.69	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 138		11380	55.36	-18.64	74	64.83	39.22	18.4	67.09	300	316	P	V
5690MHz		11380	44.69	-9.31	54	54.16	39.22	18.4	67.09	300	316	A	V
		17065	47.01	-21.19	68.2	54.52	37.29	22.89	67.69	-	-	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 802.11be EHT40 Full (SHF @ 1m)

WIFI Ant. 1+3+4+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)
802.11be EHT40 Full SHF		20760	40.68	-13.32	54	36.22	38.23	15.81	49.58	-	-	P	H
		27503.08	54.35	-13.85	68.2	45.82	39.38	20.34	51.19	261	0	P	H
		39824	55.95	-18.05	74	36.54	43.35	27.74	51.68	-	-	P	H
		39824	45.83	-8.17	54	26.42	43.35	27.74	51.68	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		20760	40.96	-33.04	74	36.58	38.15	15.81	49.58	-	-	P	V
		27503.08	54.62	-13.58	68.2	46.02	39.45	20.34	51.19	155	0	P	V
		39824	56.35	-17.65	74	36.49	43.8	27.74	51.68	-	-	P	V
		39824	46.07	-7.93	54	26.21	43.8	27.74	51.68	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

WIFI 802.11be EHT40 Full (LF @ 3m)

WIFI Ant. 1+3+4+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)
802.11be EHT40 Full LF		95.96	36.4	-7.1	43.5	50.95	16.08	1.84	32.47	-	-	P	H
		135.73	33.42	-10.08	43.5	45.78	18.05	2.04	32.45	-	-	P	H
		194.9	31.16	-12.34	43.5	45.29	15.88	2.43	32.44	100	78	Q	H
		230.79	39.79	-6.21	46	52.46	17.15	2.65	32.47	-	-	P	H
		390.84	30.84	-15.16	46	37.62	22.17	3.49	32.44	-	-	P	H
		746.83	35.08	-10.92	46	34.82	27.54	5	32.28	-	-	P	H
													H
													H
													H
													H
													H
													H
		31.94	36.9	-3.1	40	43.09	25.21	1.06	32.46	100	325	Q	V
		142.52	34.92	-8.58	43.5	47.3	17.95	2.1	32.43	100	305	Q	V
		231.76	37.82	-8.18	46	50.41	17.21	2.66	32.46	-	-	P	V
		459.71	30.72	-15.28	46	36.15	23.21	3.86	32.5	-	-	P	V
		746.83	34.92	-11.08	46	34.66	27.54	5	32.28	-	-	P	V
		967.99	33.62	-20.38	54	28.41	30.46	5.62	30.87	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												

Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+3		(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:	Jesse Fan and Minh Nguyen	**Temperature :**	15.5~23.5°C
		Relative Humidity :	31.8~64.1%

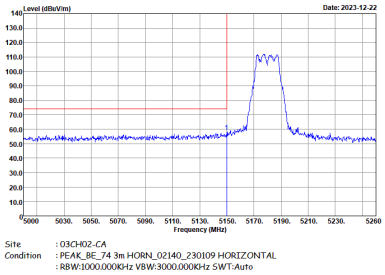
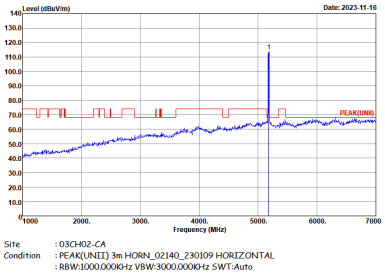
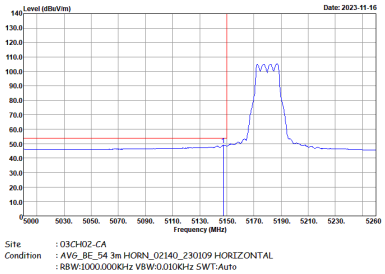
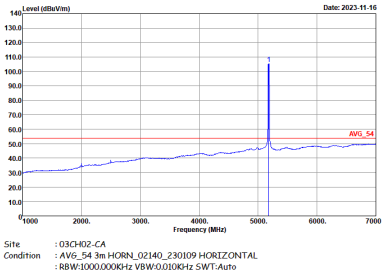
Note symbol

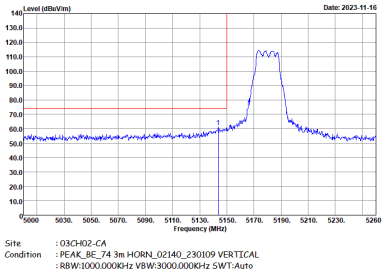
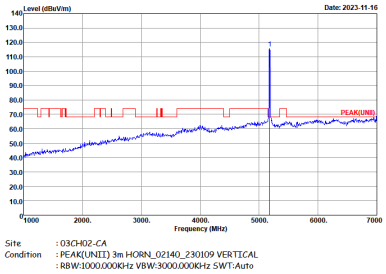
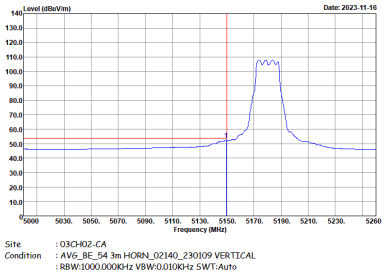
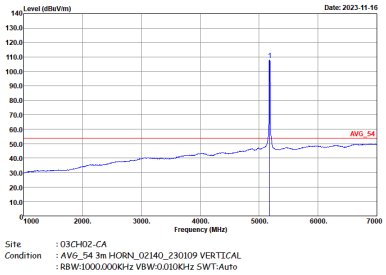
-L	**Low channel location**
-R	**High channel location**

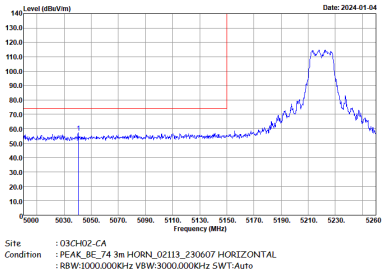
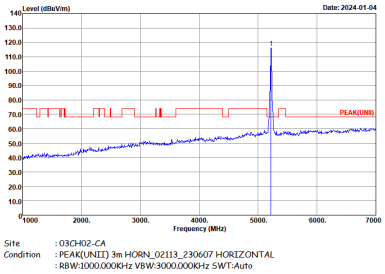
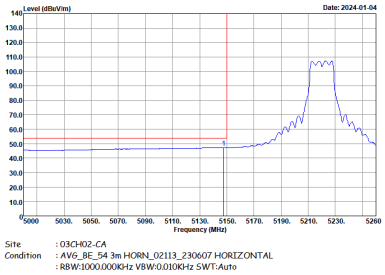
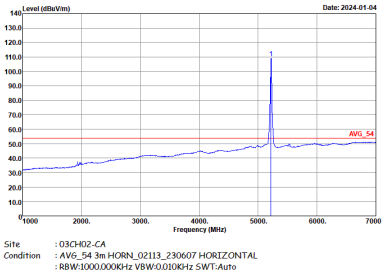
<2x2 Mode>

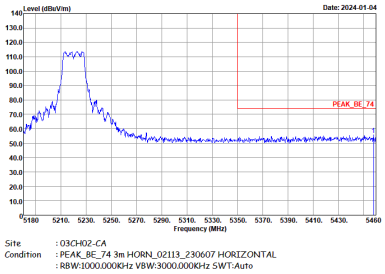
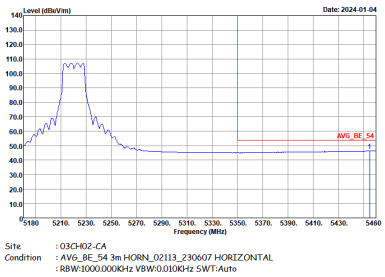
Band 1 - 5150~5250MHz

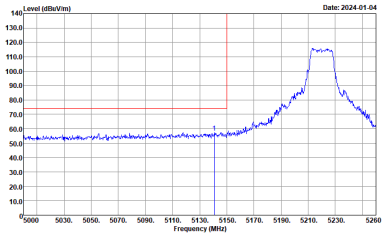
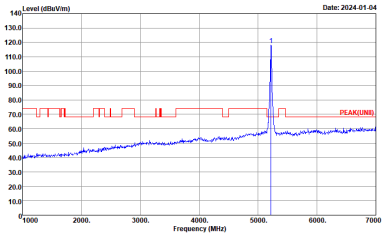
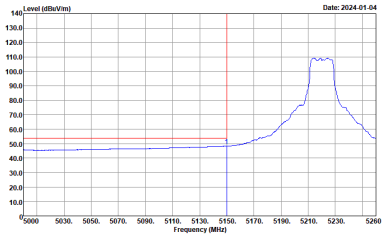
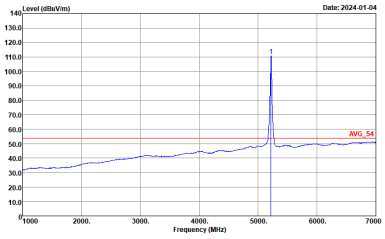
WIFI 802.11a (Band Edge @ 3m)

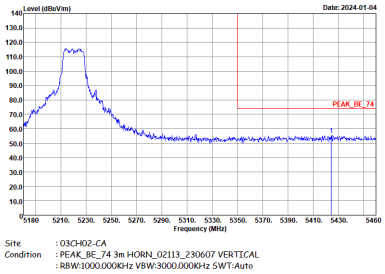
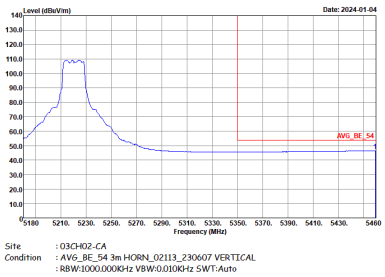
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+3	Horizontal	Fundamental
Peak		
Avg.		

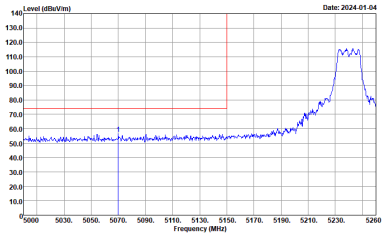
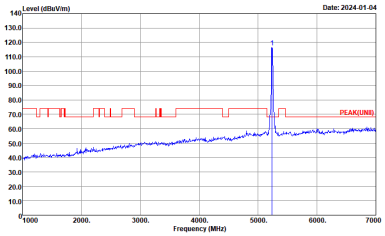
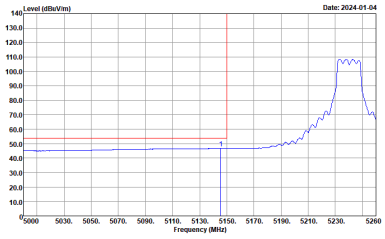
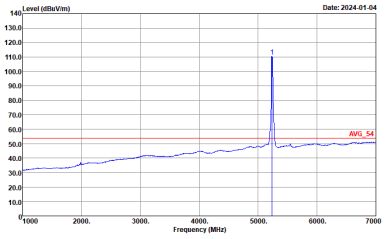
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+3	Vertical	Fundamental
Peak		
Avg.		

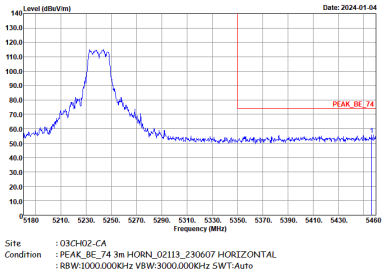
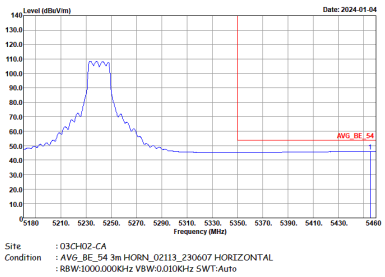
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+3	Horizontal	Fundamental
Peak		
Avg.		

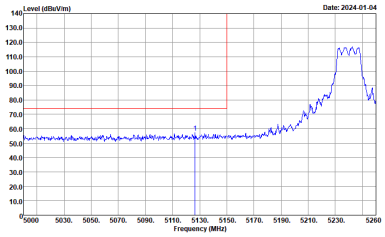
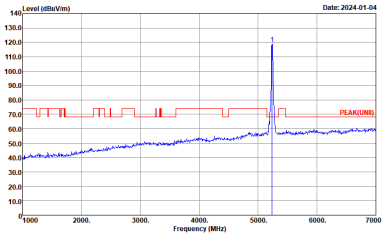
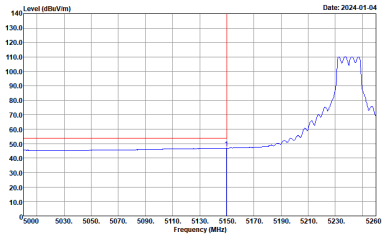
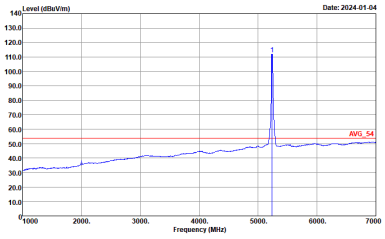
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

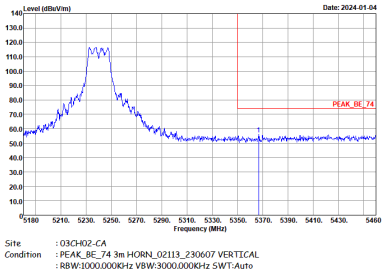
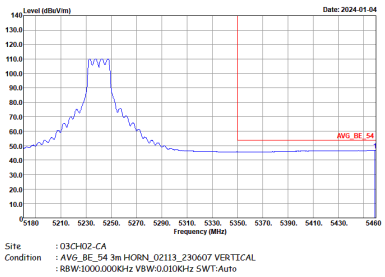
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

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

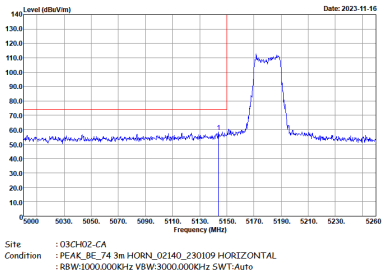
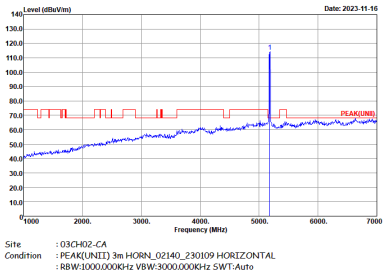
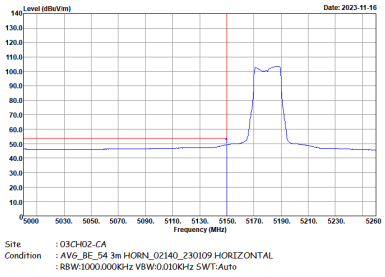
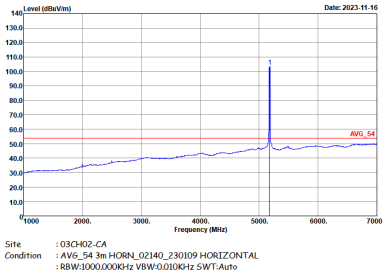
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_230607 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN_02113_230607 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_230607 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_230607 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

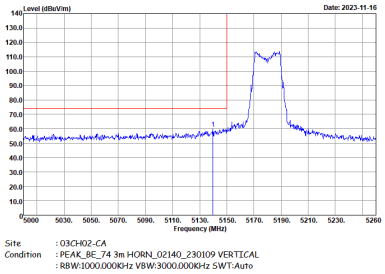
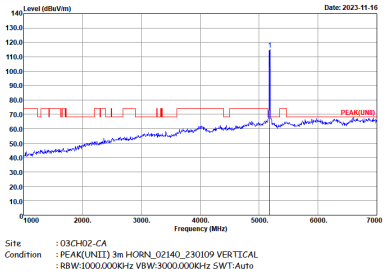
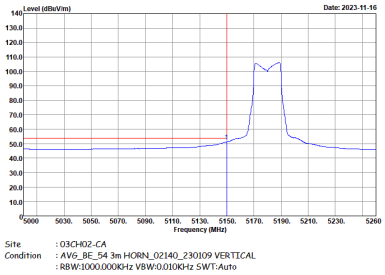
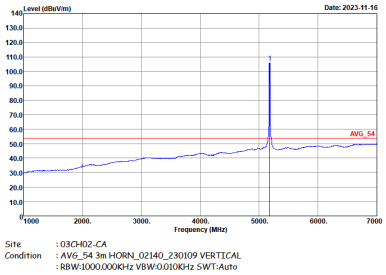
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

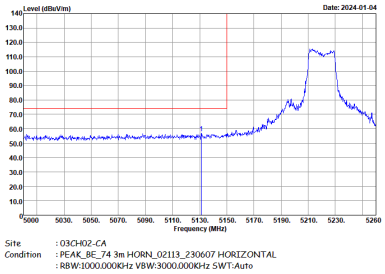
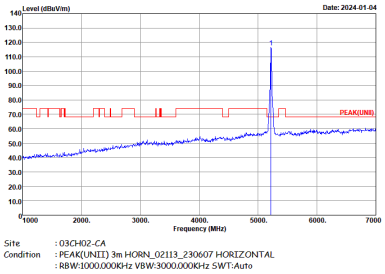
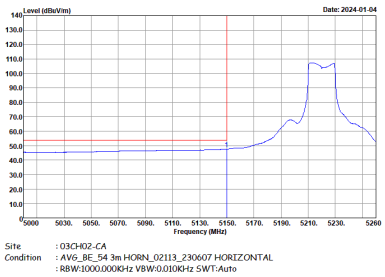
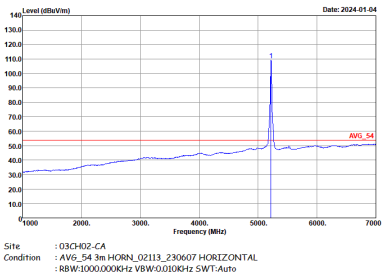
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

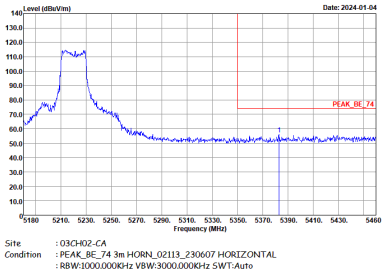
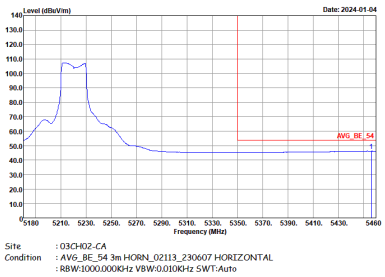
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

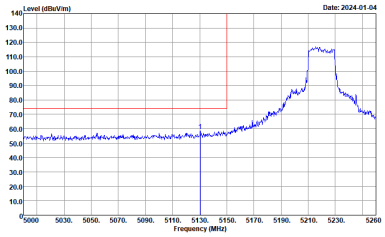
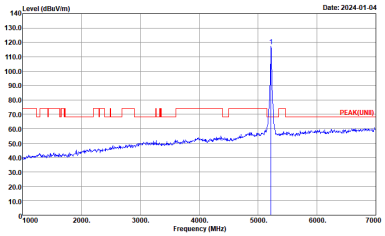
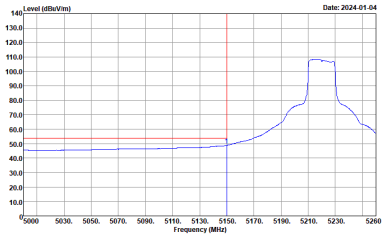
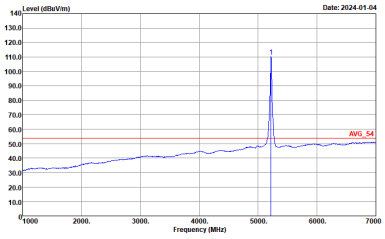
Band 1 5150~5250MHz
WIFI 802.11be EHT20 Full (Band Edge @ 3m)

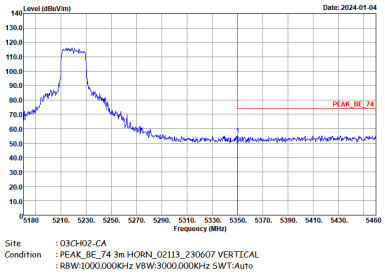
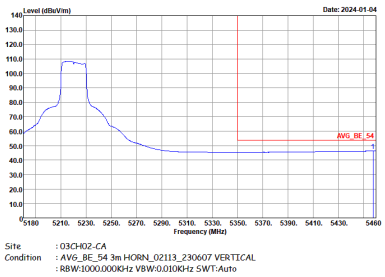
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH36 5180MHz	
1+3	Horizontal	Fundamental
Peak		
Avg.		

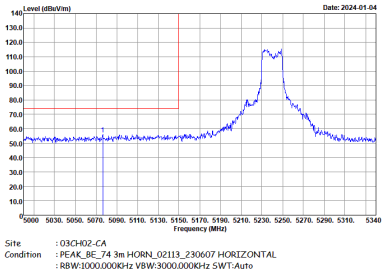
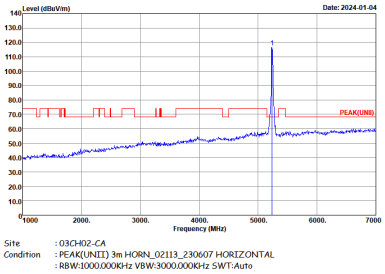
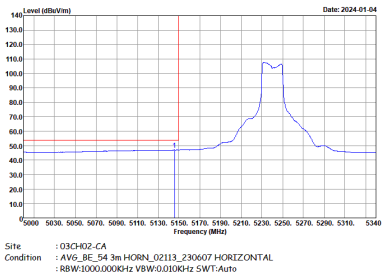
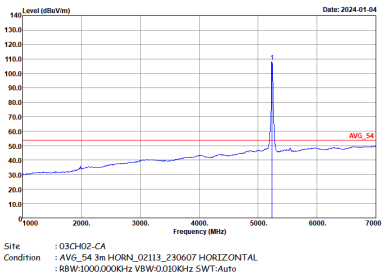
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH36 5180MHz	
1+3	Vertical	Fundamental
Peak		
Avg.		

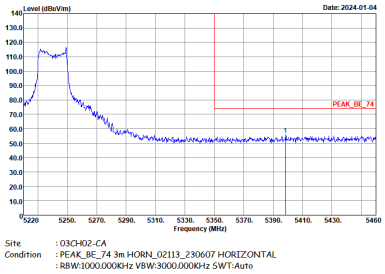
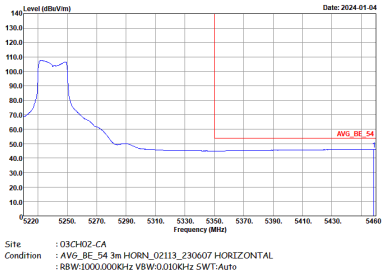
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - L	
1+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - R	
1+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_230607 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - R	
1+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - L	
1+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - R	
1+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank