



FCC RADIO TEST REPORT

FCC ID : S9GT670
Equipment : T670 Access Point
Brand Name : RUCKUS
Model Name : T670
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 Dec. 07, 2023 and testing was performed from Dec. 08, 2023 to Feb. 09, 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.

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
FR231214001B	01	Initial issue of report	Mar. 12, 2024
FR231214001B	02	Revise Section 1.1 and Appendix A This report is an updated version, replacing the report issued on Mar. 12, 2024.	Mar. 22, 2024
FR231214001B	03	Add remark of Section 1.1 This report is an updated version, replacing the report issued on Mar. 22, 2024.	Mar. 27, 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	0.11 dB under the limit at 5455.71 MHz
3.5	15.207	AC Conducted Emission	Pass	3.21 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/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature			
General Specs Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be and Wi-Fi 5GHz 802.11a/n/ac/ax/be Antenna Type WLAN: <Ant. 1>: Omni-Directional Antenna <Ant. 2>: Omni-Directional Antenna <Ant. 3>: Omni-Directional Antenna <Ant. 4>: Omni-Directional Antenna			
Antenna information			
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Horizontal	<Ant. 2>: 1.3 <Ant. 3>: 1.1
		Vertical	<Ant. 1>: 3.1 <Ant. 4>: 2.1
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Horizontal	<Ant. 2>: 2.7 <Ant. 3>: 1.5
		Vertical	<Ant. 1>: 2.9 <Ant. 4>: 1.7
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Horizontal	<Ant. 2>: 2.7 <Ant. 3>: 1.5
		Vertical	<Ant. 1>: 2.9 <Ant. 4>: 1.7

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. The WLAN operation in 6 GHz band are disabled via software.
3. For 2x2 MIMO mode, only ANT1+ANT3 is supported.
4. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.1.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)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 $N_{ANT} = 2$. 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	Horizontal	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	Ant 1	Ant 3	Power	PSD		
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	3.10	1.10	3.10	3.10	0.00	0.00
Band II	2.90	1.50	2.90	2.90	0.00	0.00
Band III	2.90	1.50	2.90	2.90	0.00	0.00

Calculation example:

If a device has two cross-polarized antenna, $G_{ANT1} = 3.10\text{dBi}$; $G_{ANT3} = 1.10\text{dBi}$

Directional gain of power measurement = $\max(3.10, 1.10) = 3.10\text{ dBi}$

Directional gain of PSD measurement = $\max(3.10, 1.10) = 3.10\text{ dBi}$

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	Horizontal	Vertical	Horizontal	DG	DG	Power	PSD
	Ant 1	Ant 3	Ant 4	Ant 2	for	for	Limit	Limit
	(dBi)	(dBi)	(dBi)	(dBi)	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	3.10	1.10	2.10	1.30	3.10	5.62	0.00	0.00
Band II	2.90	1.50	1.70	2.70	2.90	5.33	0.00	0.00
Band III	2.90	1.50	1.70	2.70	2.90	5.33	0.00	0.00

Calculation example:

If a device has four cross-polarized antenna,

$G_{ANT1} = 3.10\text{dBi}$; $G_{ANT3} = 1.10\text{dBi}$; $G_{ANT4} = 2.10\text{dBi}$, $G_{ANT2} = 1.30\text{dBi}$,

Directional gain of power measurement = $\max(3.10, 1.10, 2.10, 1.30) = 3.10\text{ dBi}$

Directional gain of PSD measurement = $\max(\text{Vertical DG}(3.10, 2.10), \text{Horizontal DG}(1.10, 1.30))$
 $= 5.62\text{ dBi}$

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:

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: 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, 802.11ac VHT40 and 802.11ax HE40 and 802.11be EHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80, 802.11ax HE80 and 802.11be EHT80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160, 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

<2x2 MIMO>

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.

<4x4 MIMO>

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

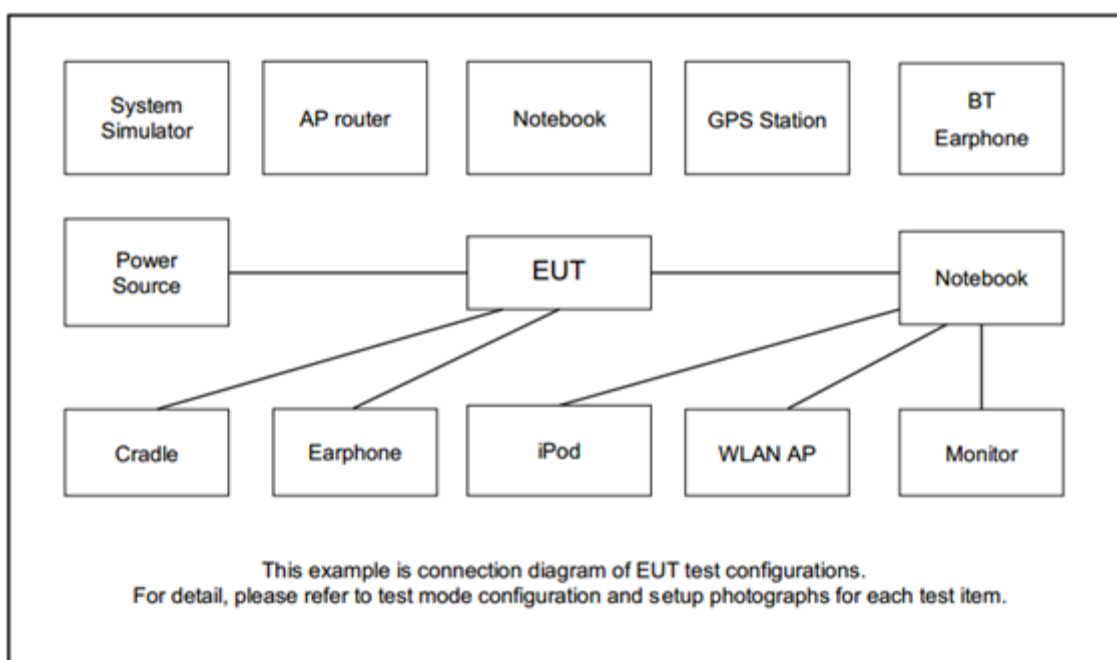
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11be EHT40	802.11be EHT40	802.11be EHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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	N/A	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	Acer	N18Q13	N/A	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Notebook	Dell	Latitue E7470	N/A	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Adapter	Ruckus	740-64277-001	NA	NA	Unshielded, 1.8m
5.	PoE Adapter	Ruckus	740-64310-001	NA	NA	Unshielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility “Tera Term 4.106 and QSPR V5.14.00227.1” 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.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

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.

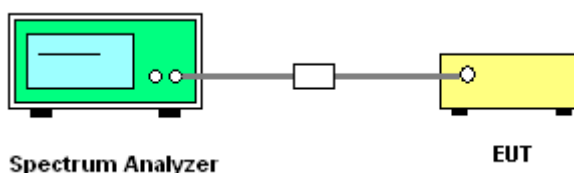
3.1.2 Measuring Instruments

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) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



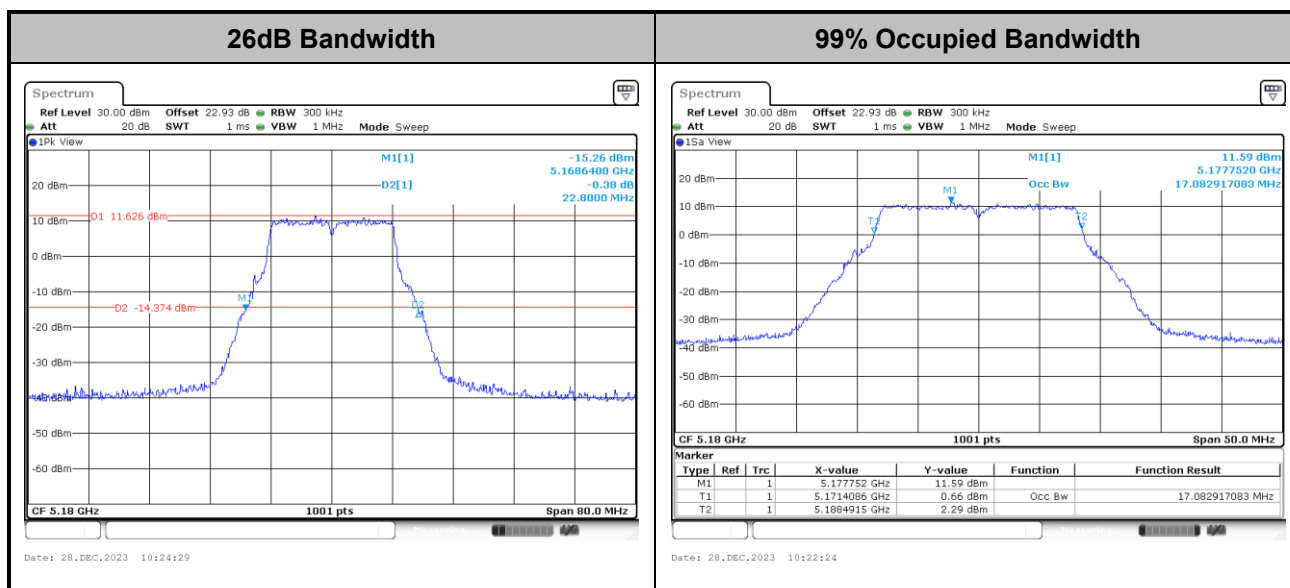
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



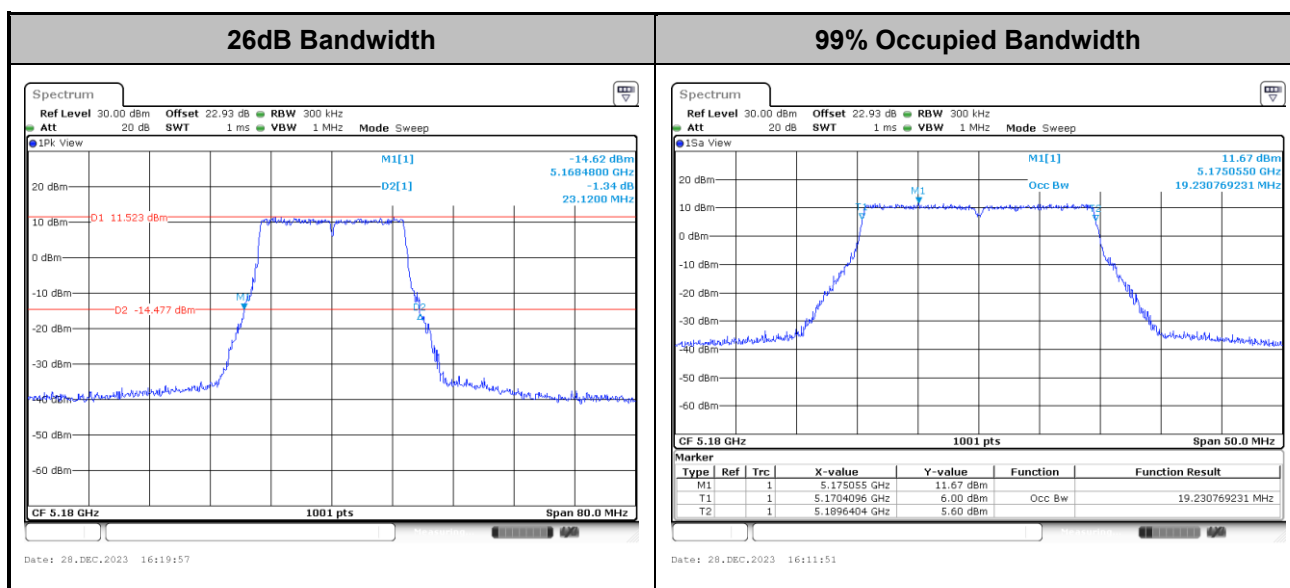
MIMO <Ant. 1+3>

<802.11a>



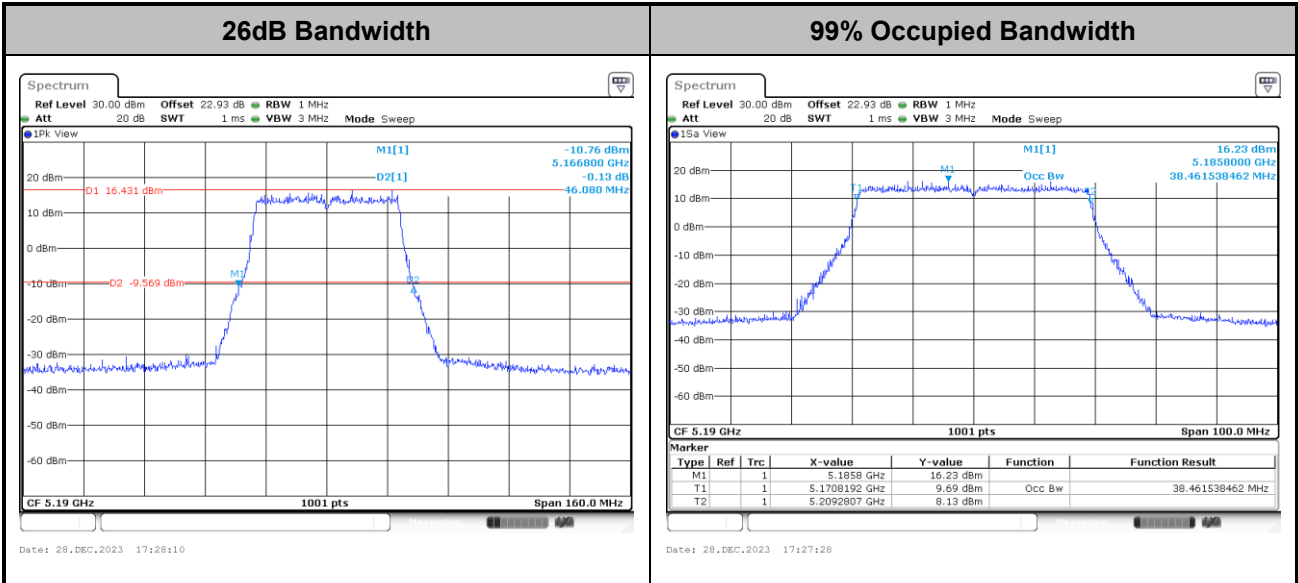
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>



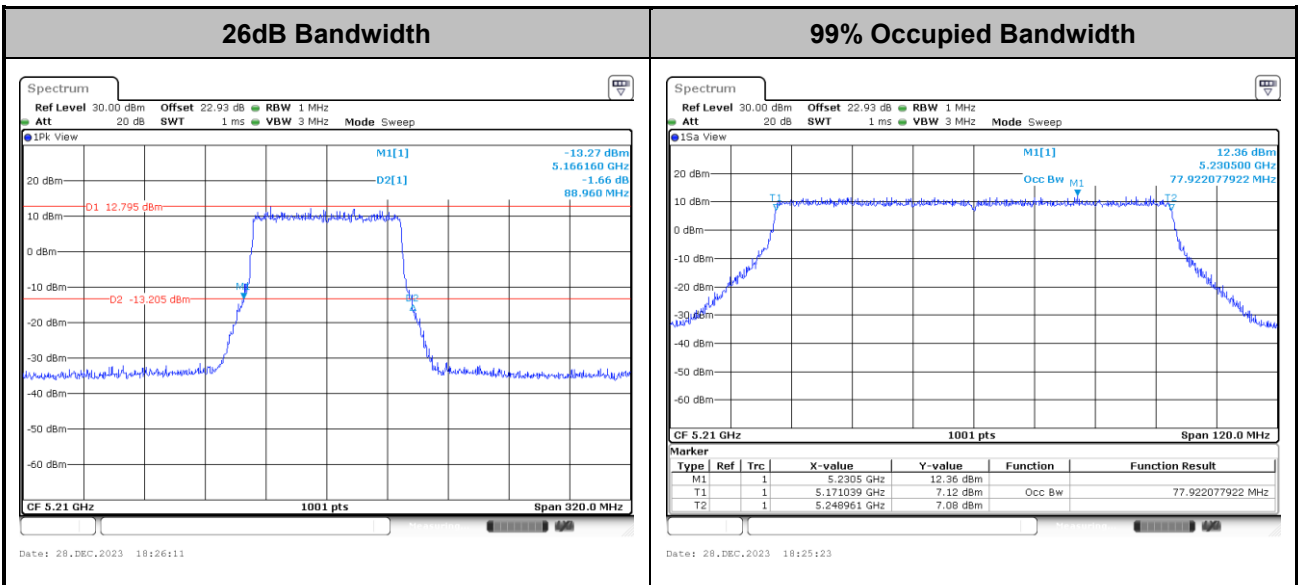
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>



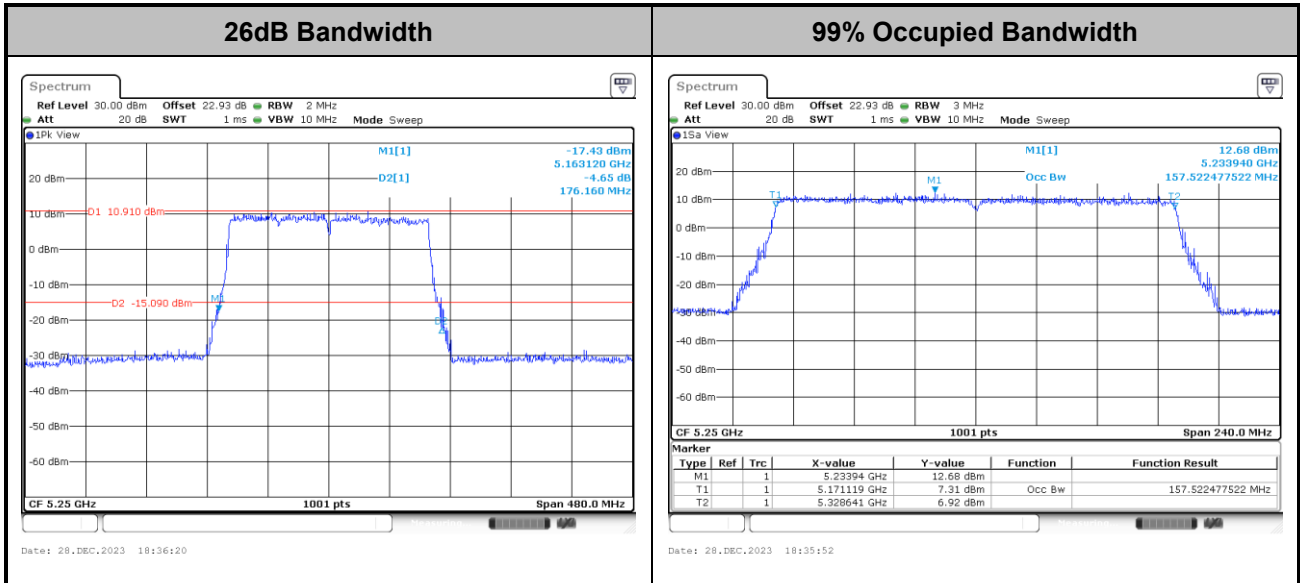
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>



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

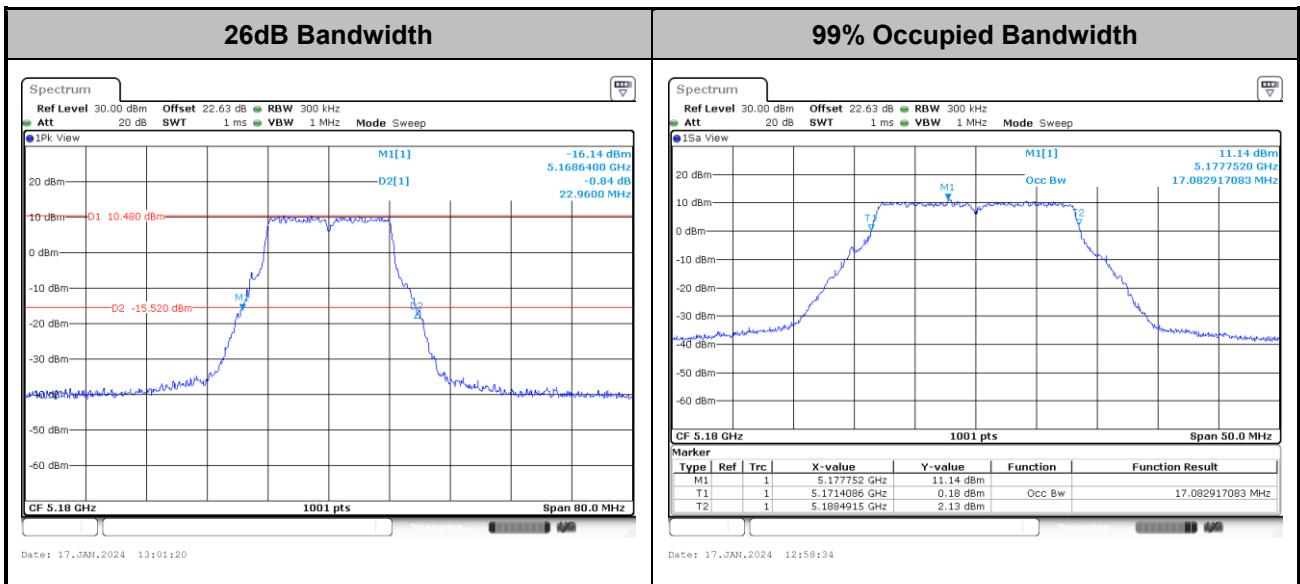
<802.11be EHT160>



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

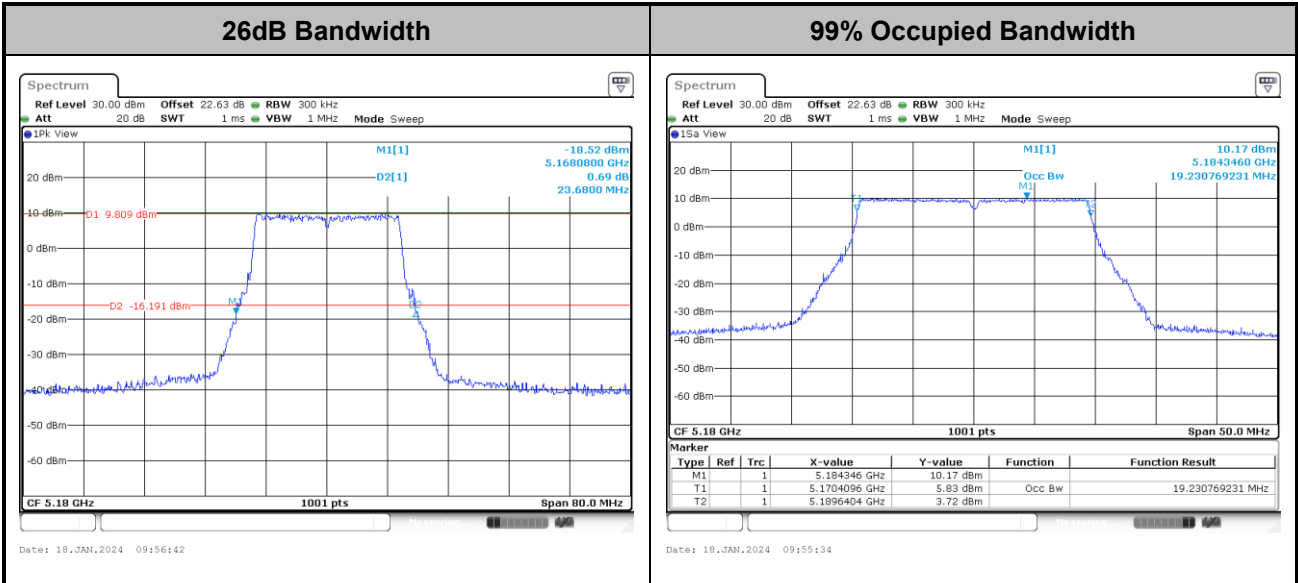
MIMO <Ant. 1+3+4+2>

<802.11a>



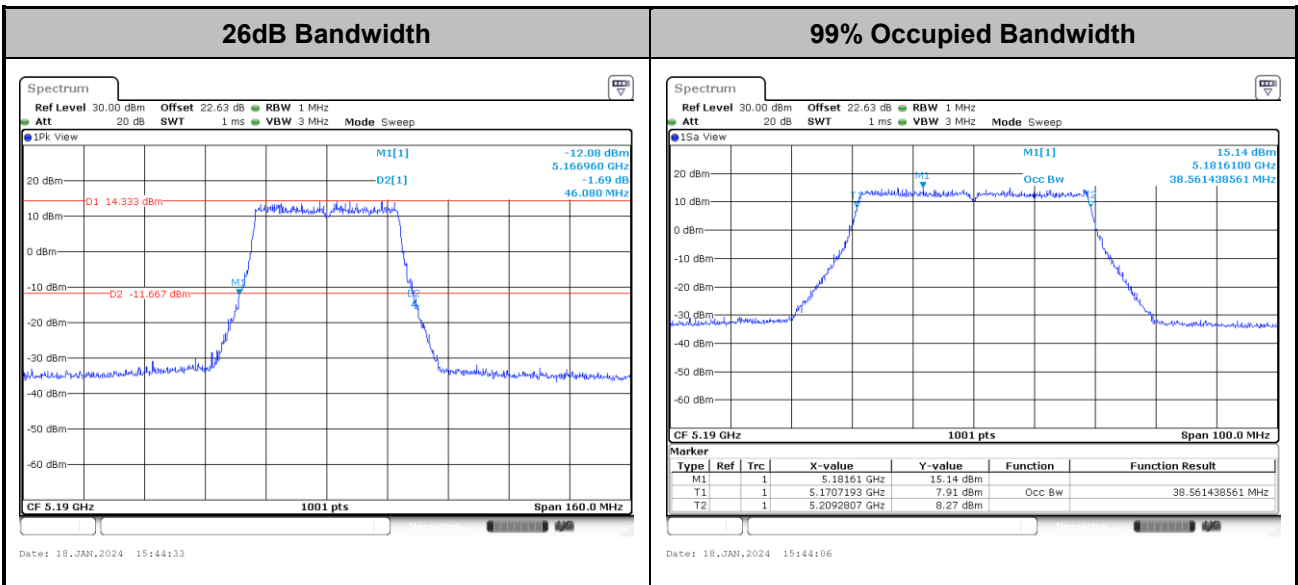
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>



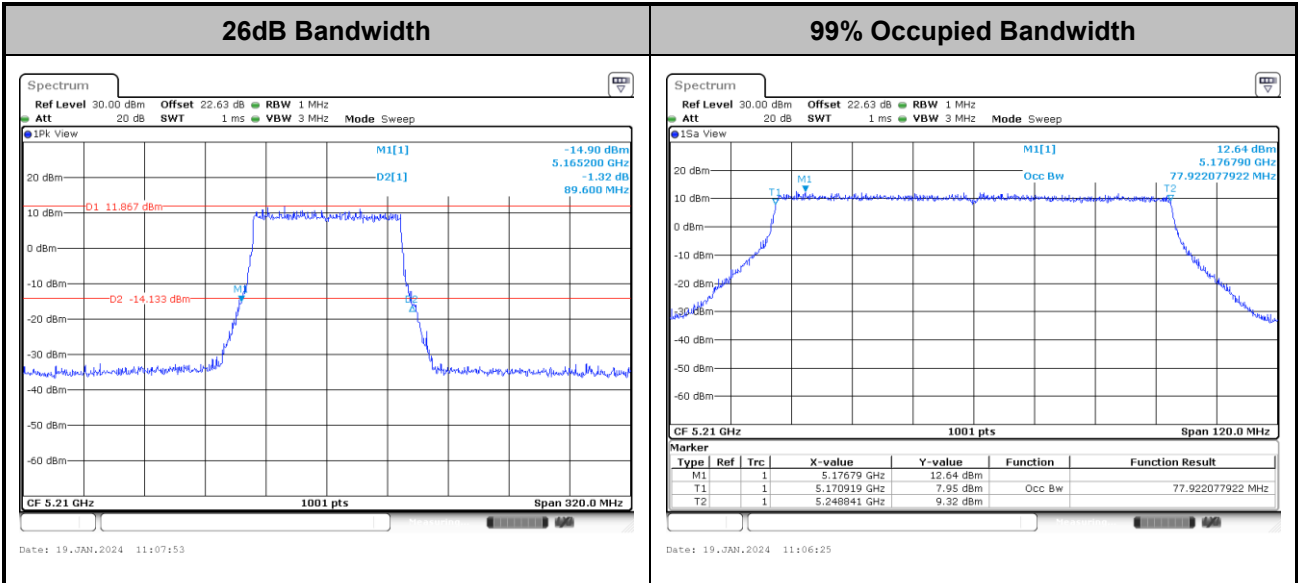
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>



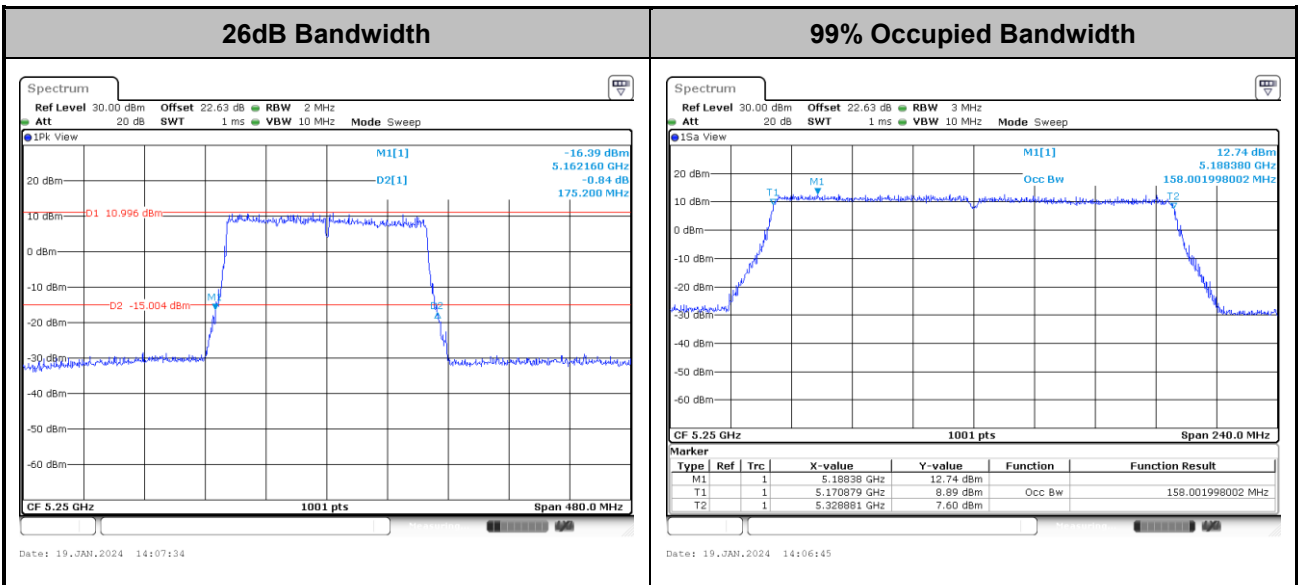
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>



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

<802.11be EHT160>



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

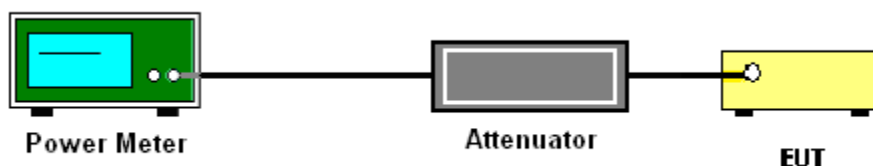
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

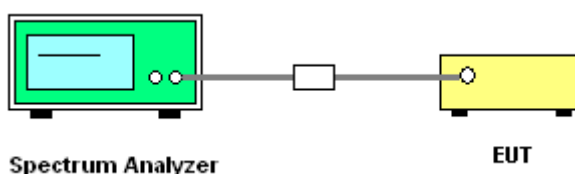
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 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



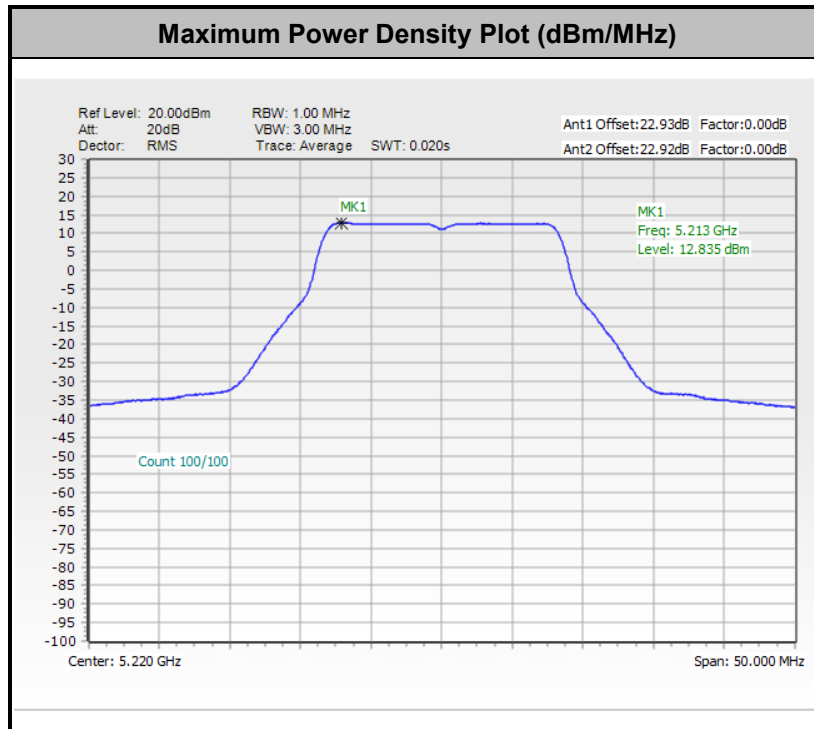
3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

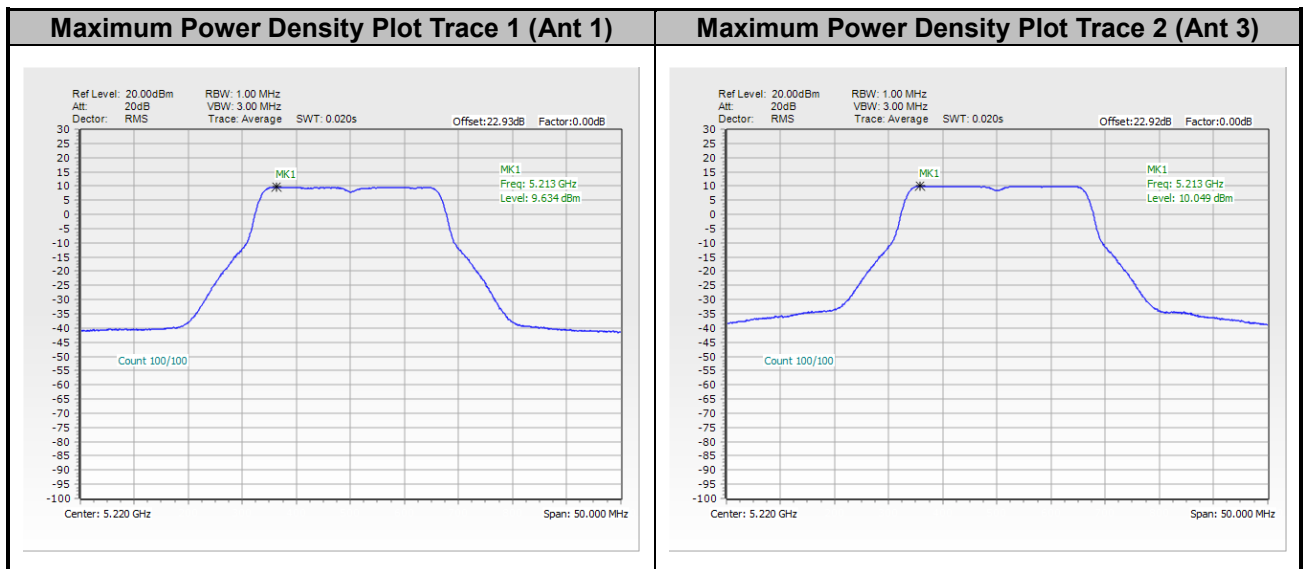


MIMO <Ant. 1+3>

<802.11a>

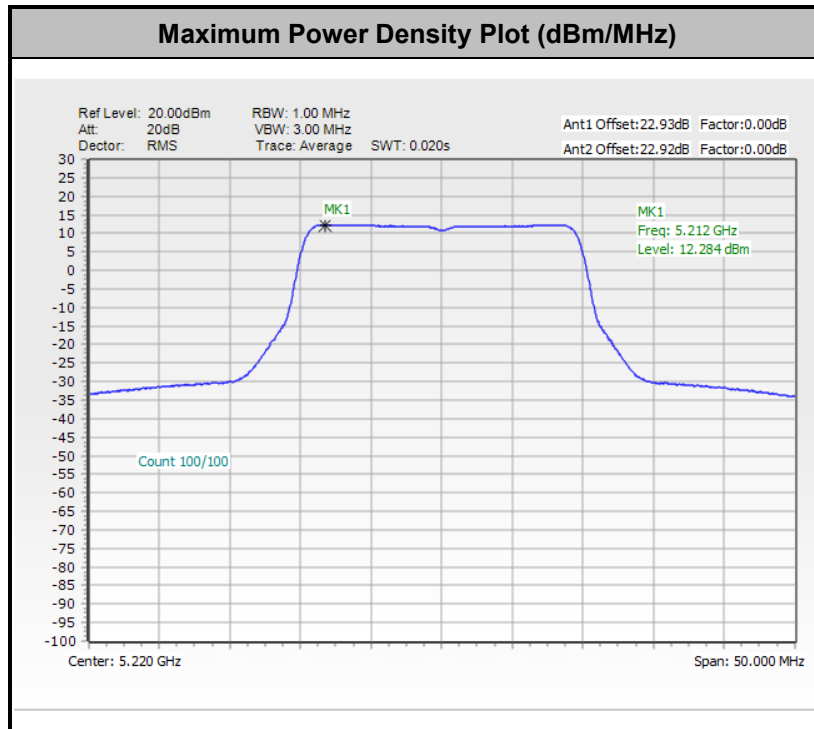


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

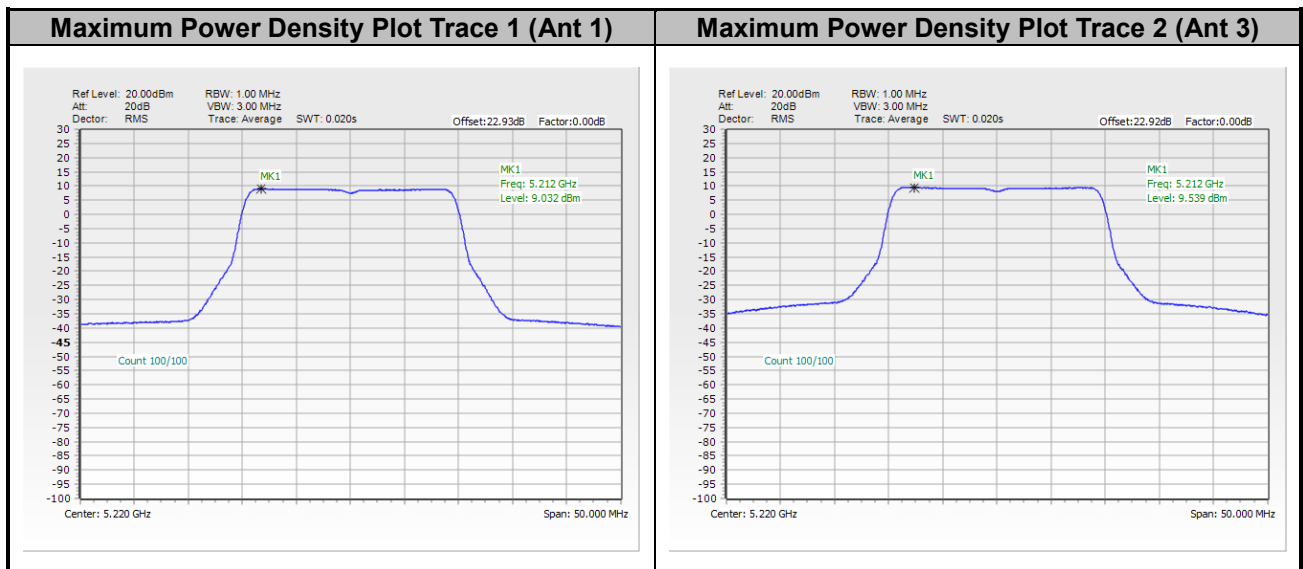




<802.11be EHT20>

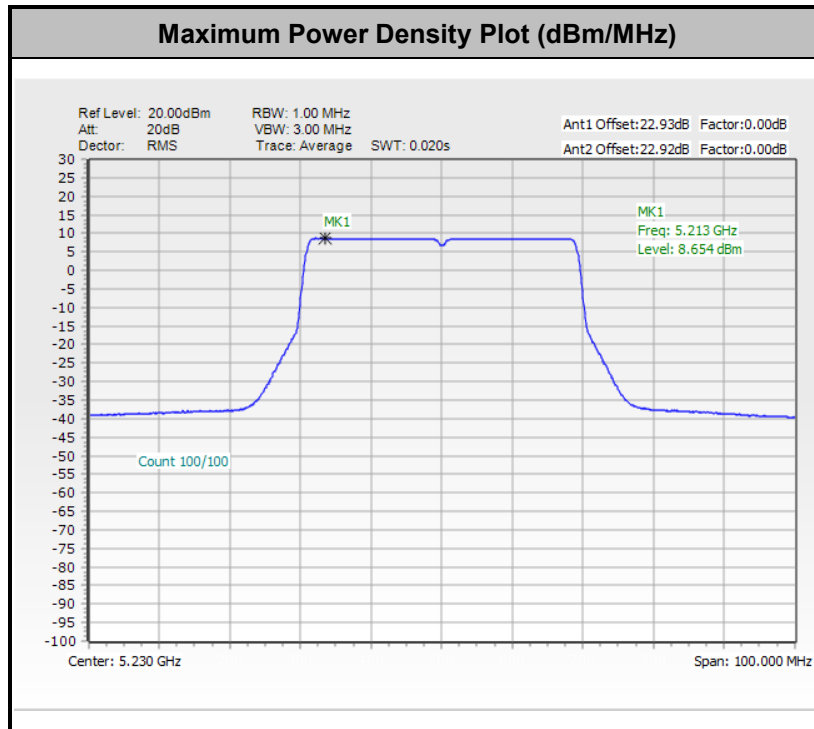


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

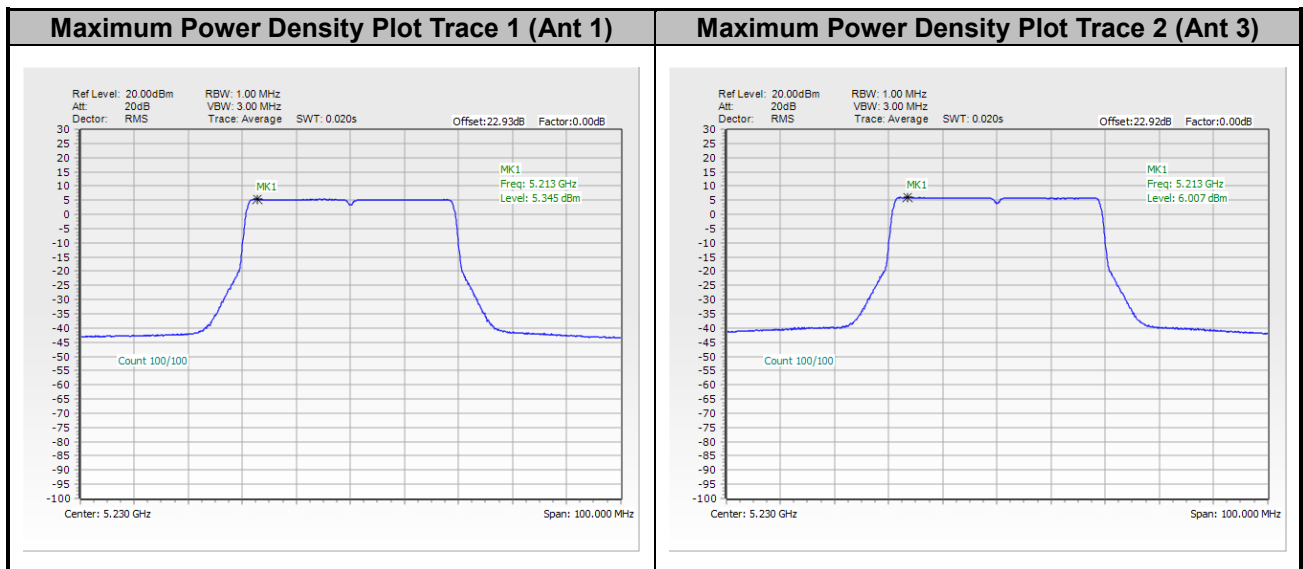




<802.11be EHT40>

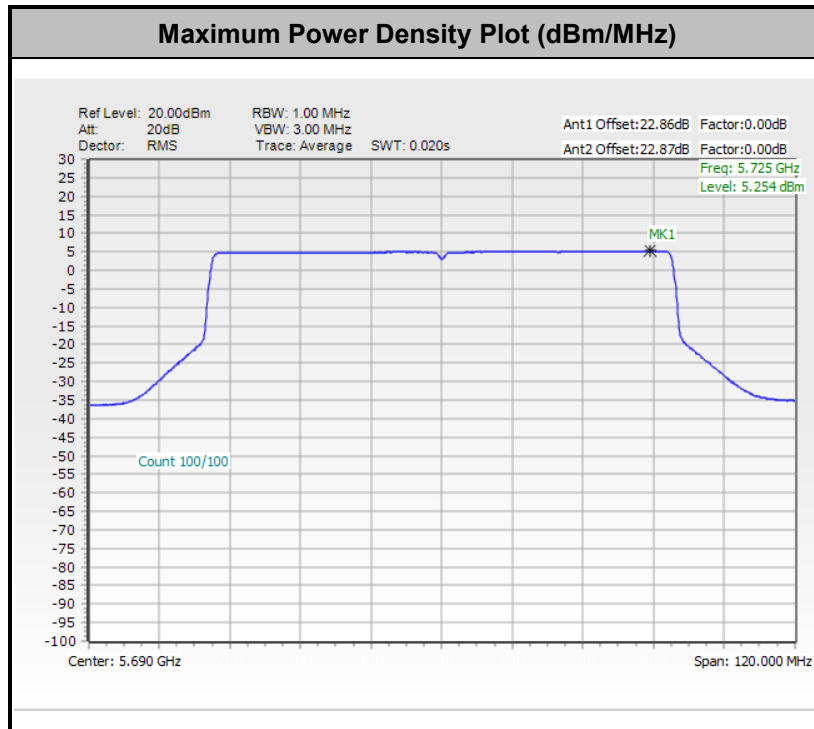


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

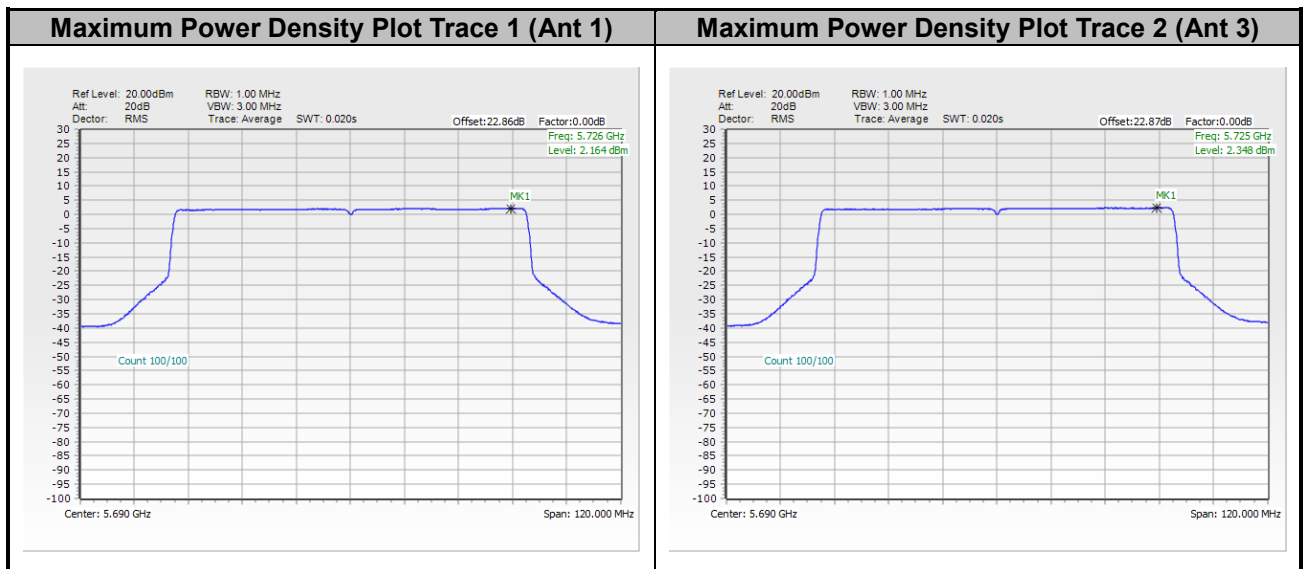




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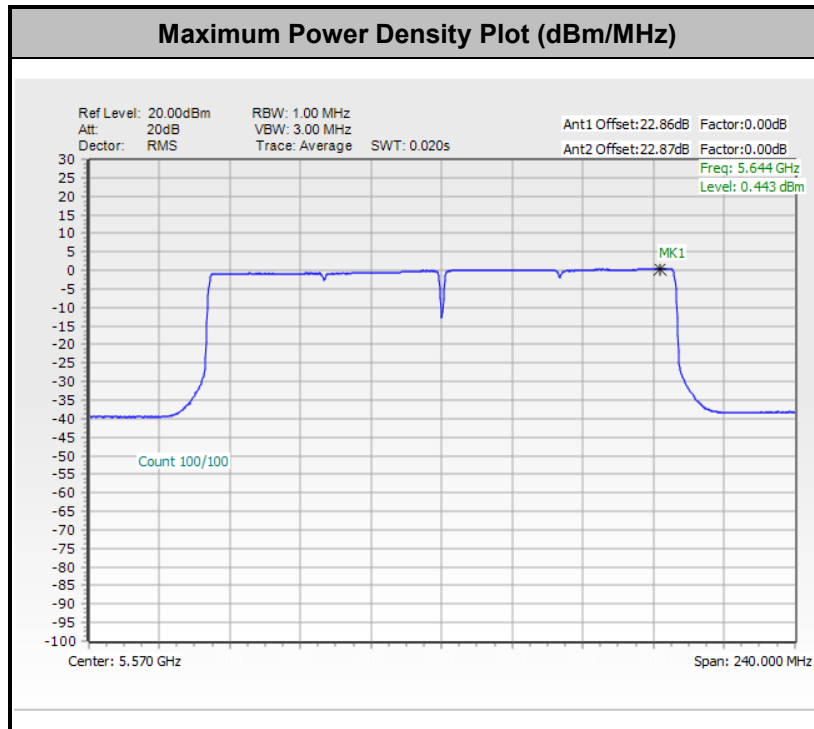


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

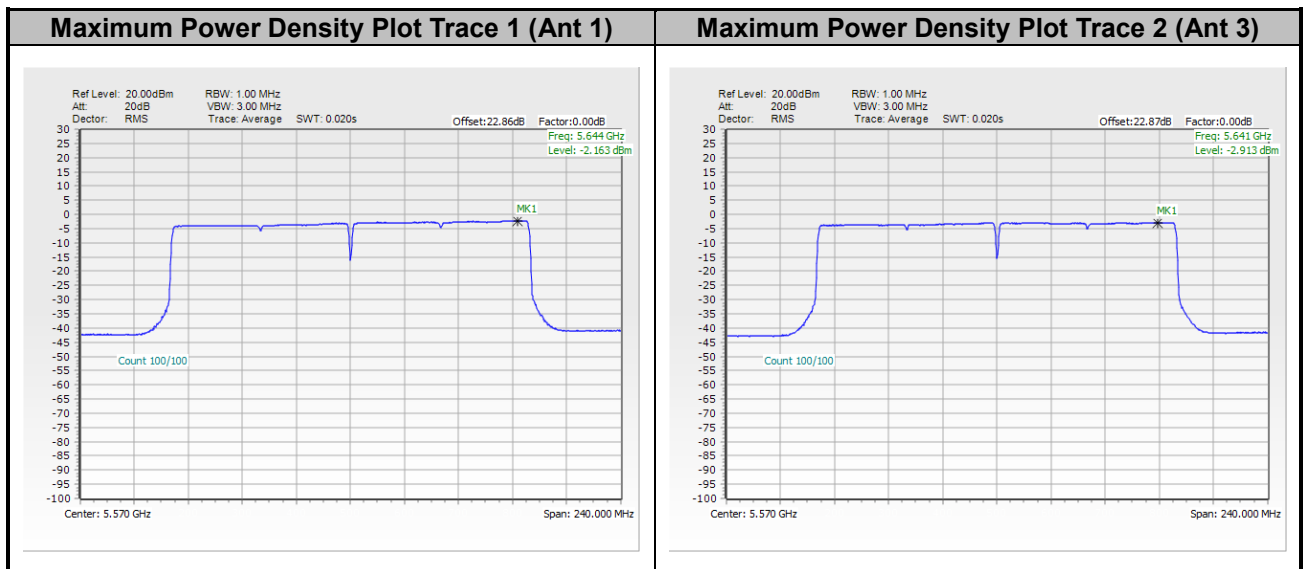




<802.11be EHT160>



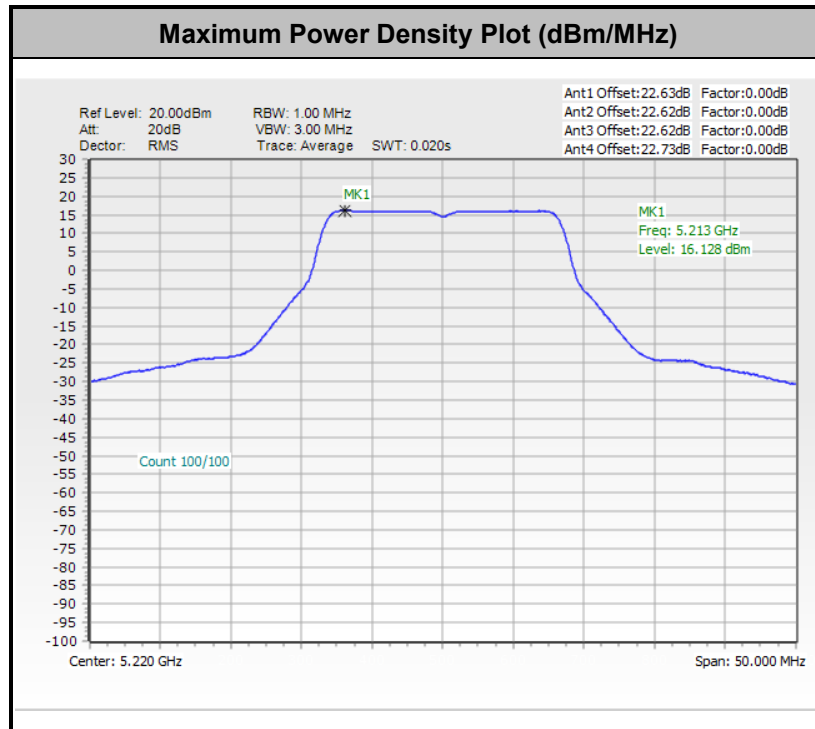
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.





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

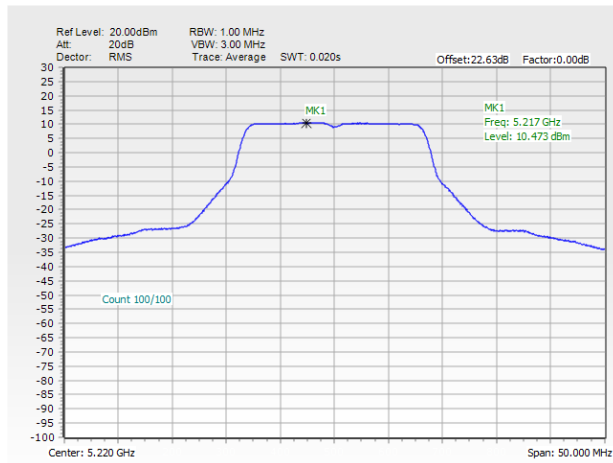
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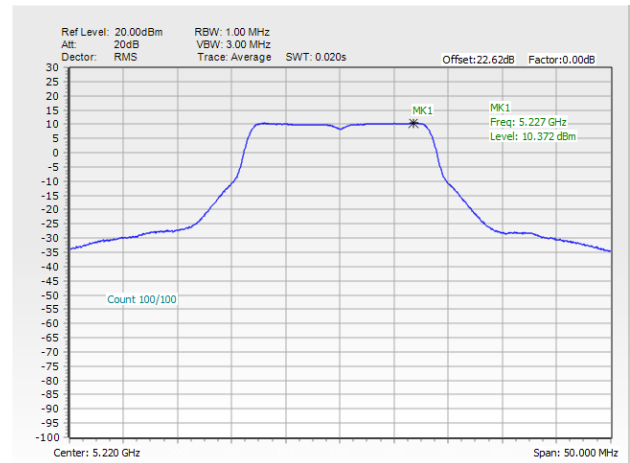
Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.



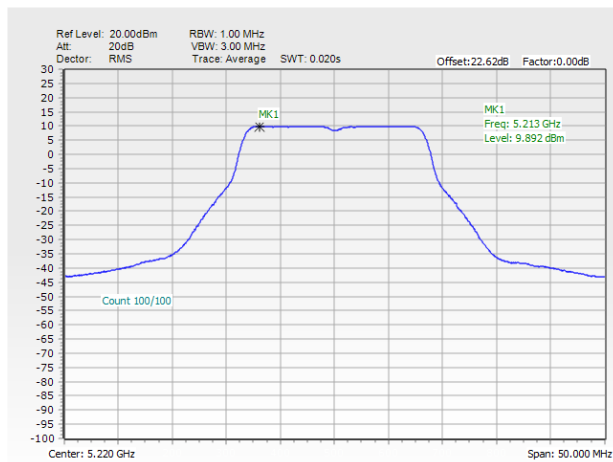
Maximum Power Density Plot Trace 1 (Ant 1)



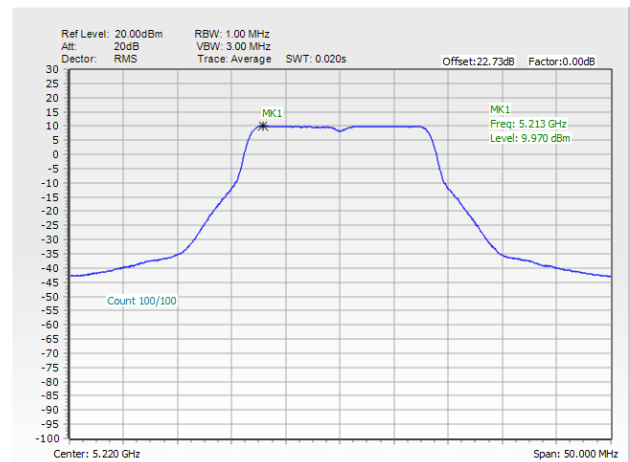
Maximum Power Density Plot Trace 2 (Ant 3)



Maximum Power Density Plot Trace 3 (Ant 4)

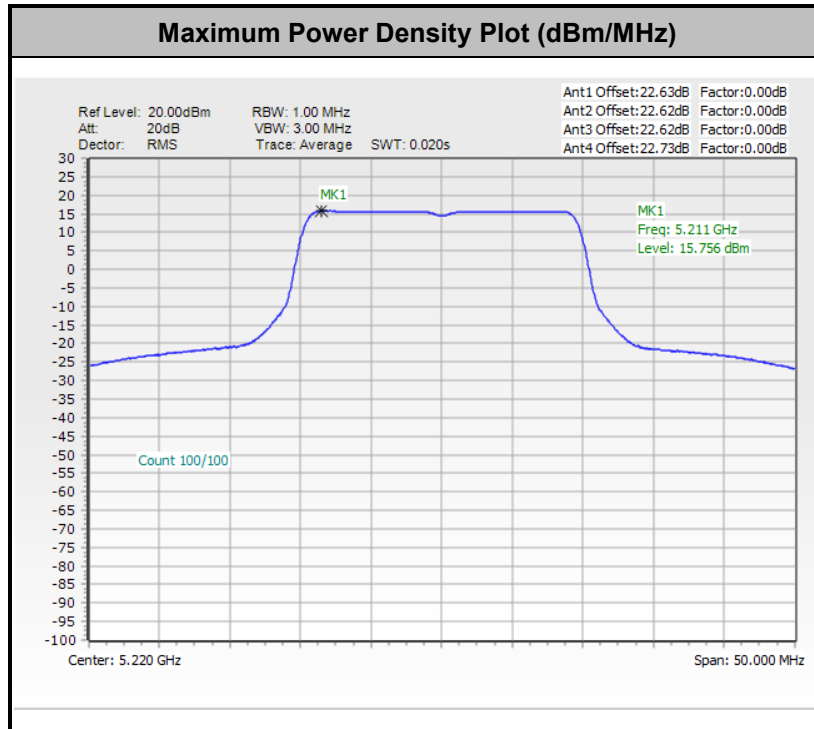


Maximum Power Density Plot Trace 4 (Ant 2)





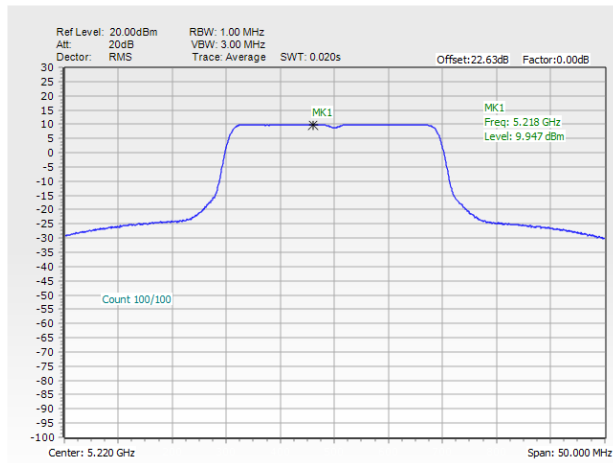
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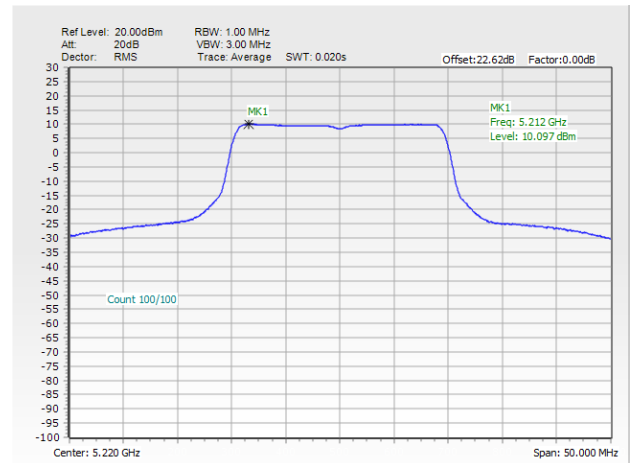
Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.



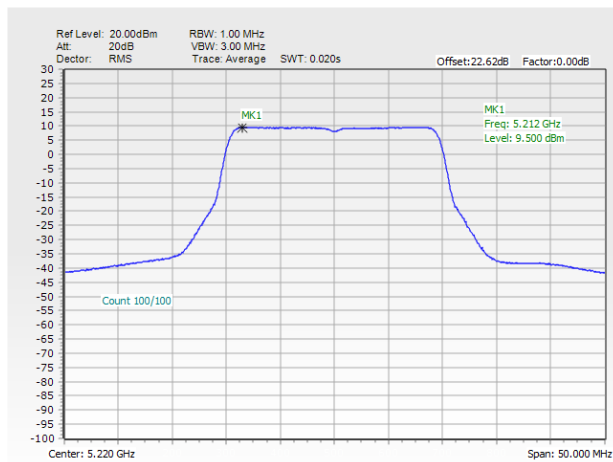
Maximum Power Density Plot Trace 1 (Ant 1)



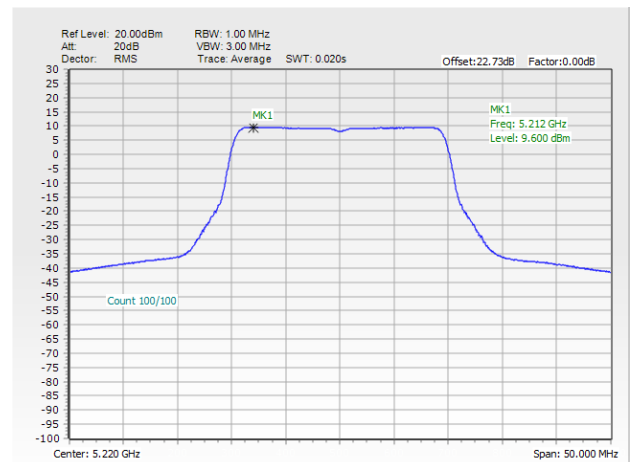
Maximum Power Density Plot Trace 2 (Ant 3)



Maximum Power Density Plot Trace 3 (Ant 4)

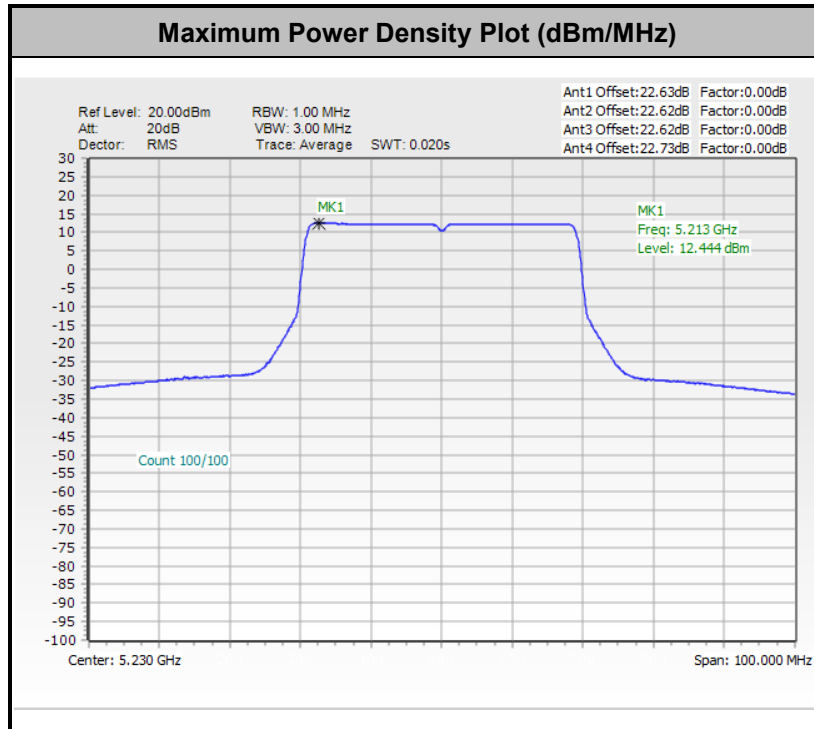


Maximum Power Density Plot Trace 4 (Ant 2)





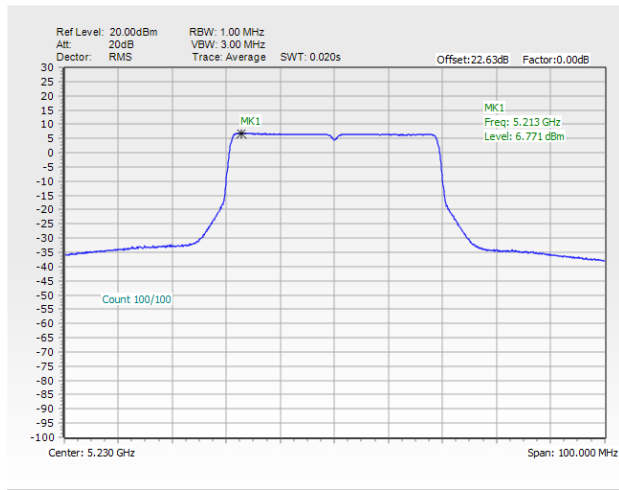
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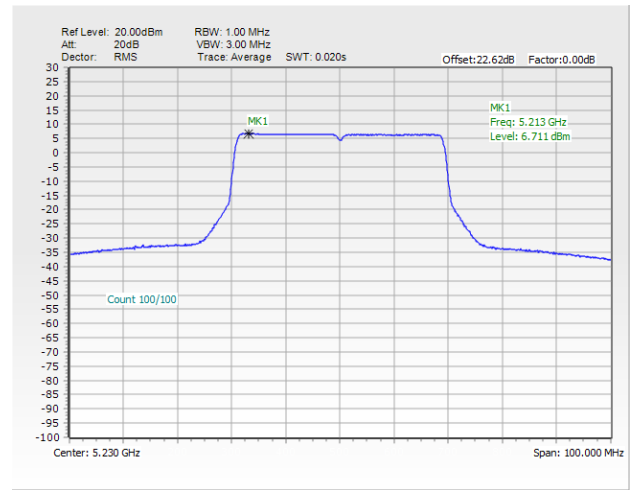
Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.



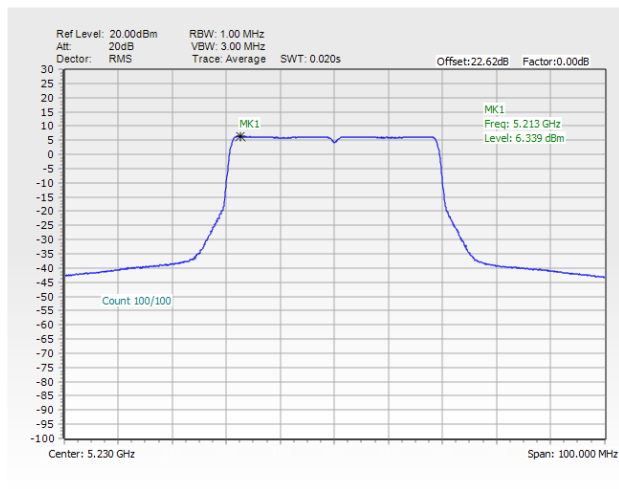
Maximum Power Density Plot Trace 1 (Ant 1)



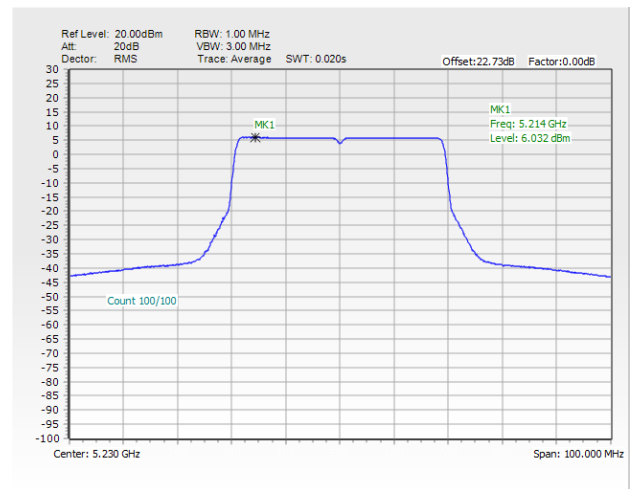
Maximum Power Density Plot Trace 2 (Ant 3)



Maximum Power Density Plot Trace 3 (Ant 4)

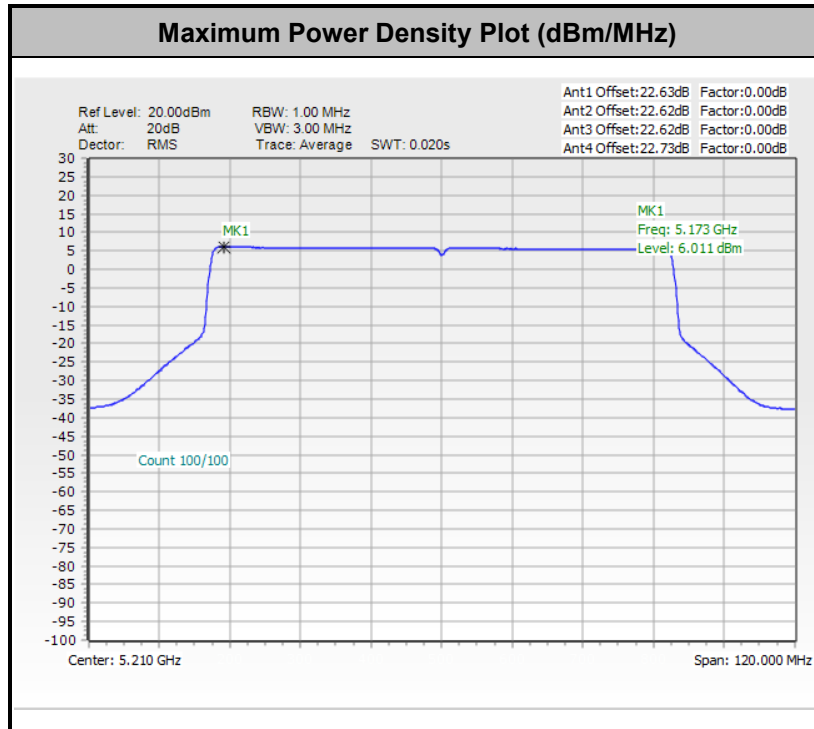


Maximum Power Density Plot Trace 4 (Ant 2)





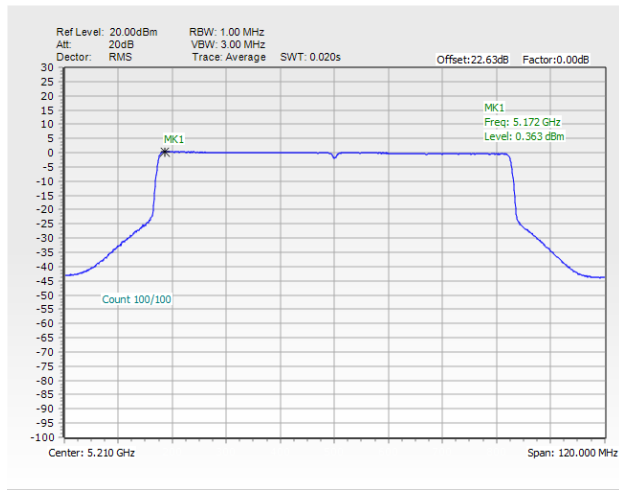
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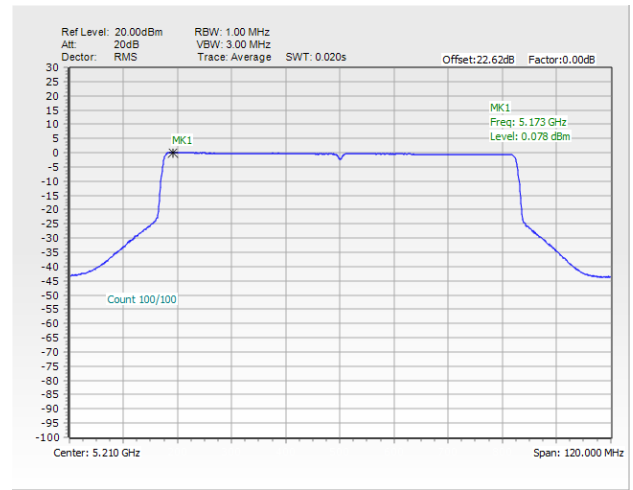
Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.



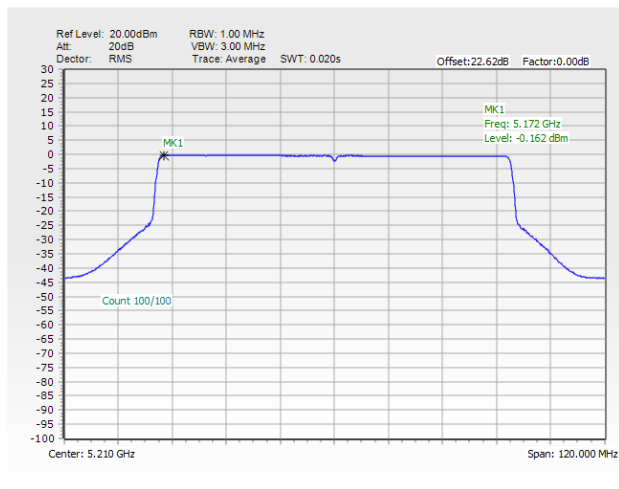
Maximum Power Density Plot Trace 1 (Ant 1)



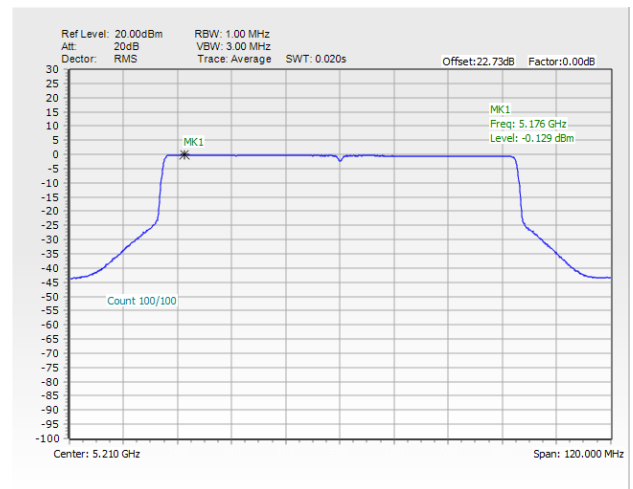
Maximum Power Density Plot Trace 2 (Ant 3)



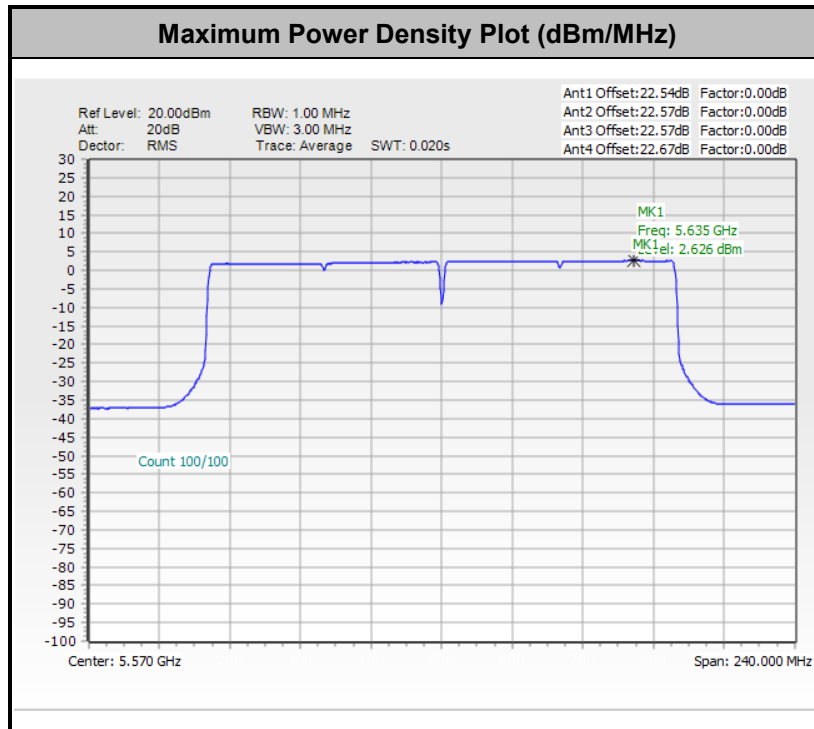
Maximum Power Density Plot Trace 3 (Ant 4)



Maximum Power Density Plot Trace 4 (Ant 2)



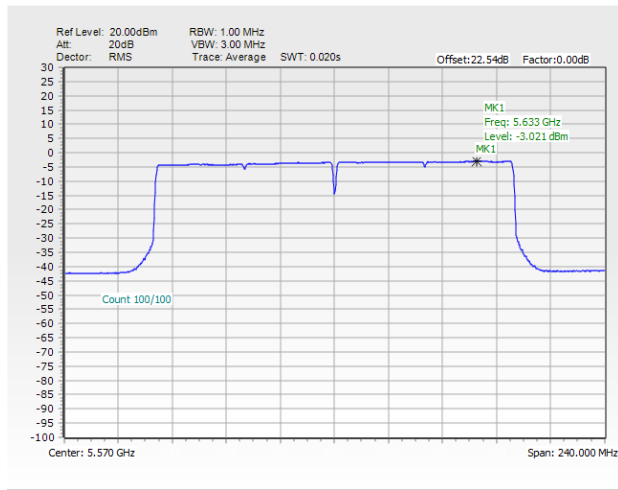
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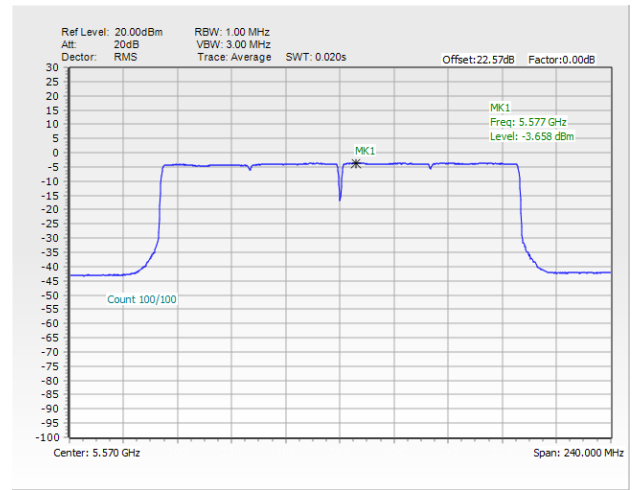
Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.



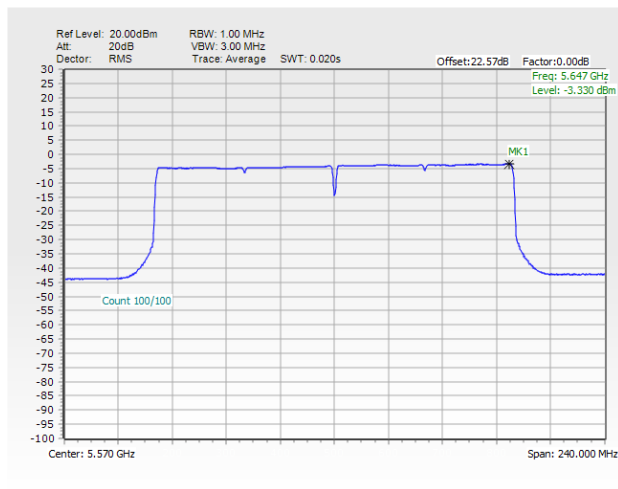
Maximum Power Density Plot Trace 1 (Ant 1)



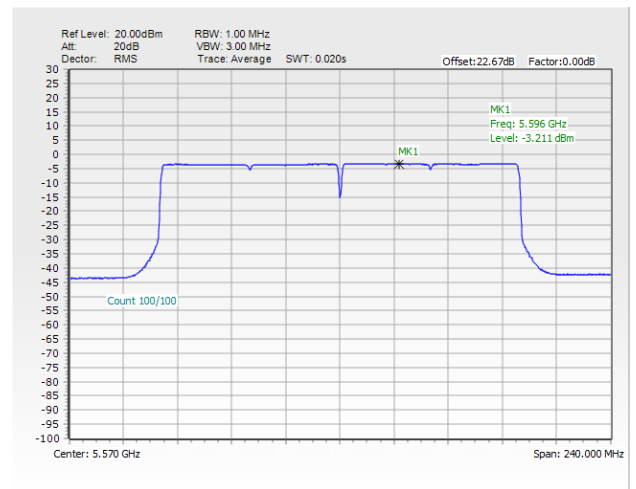
Maximum Power Density Plot Trace 2 (Ant 3)



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.

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

EIRP (dBm)	Field Strength at 3m (dB μ V/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 $\geq$ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

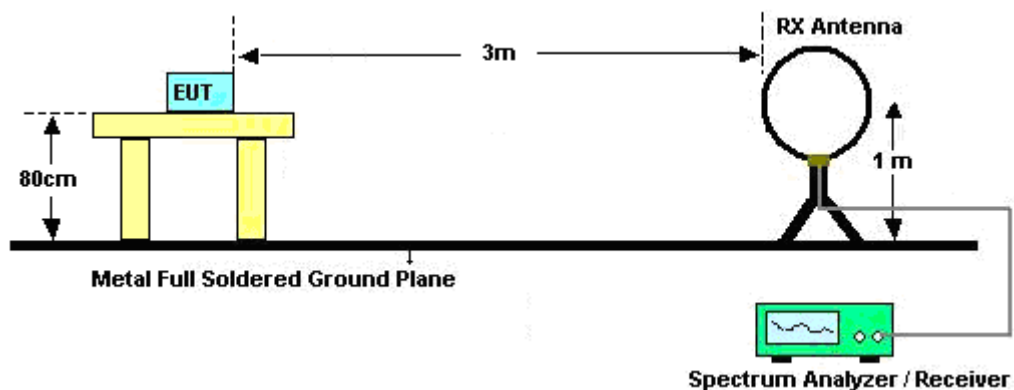
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

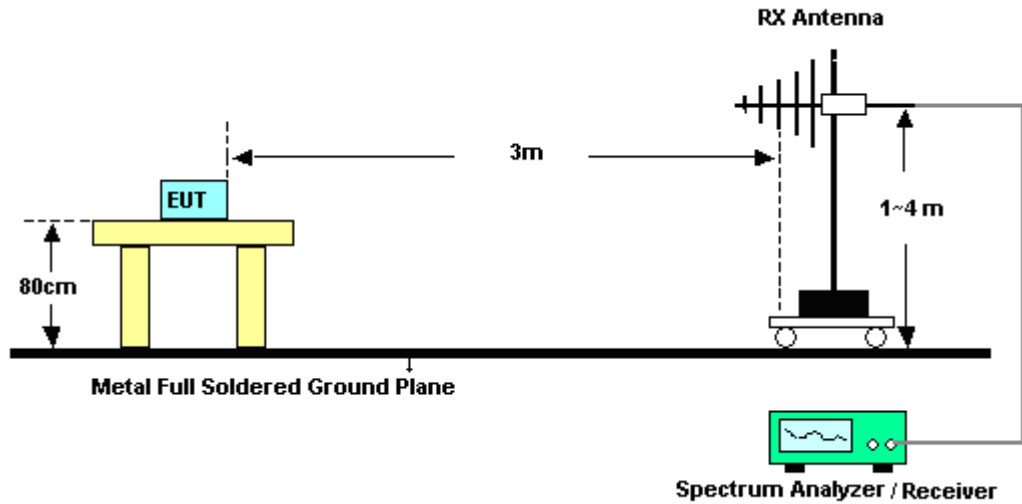
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

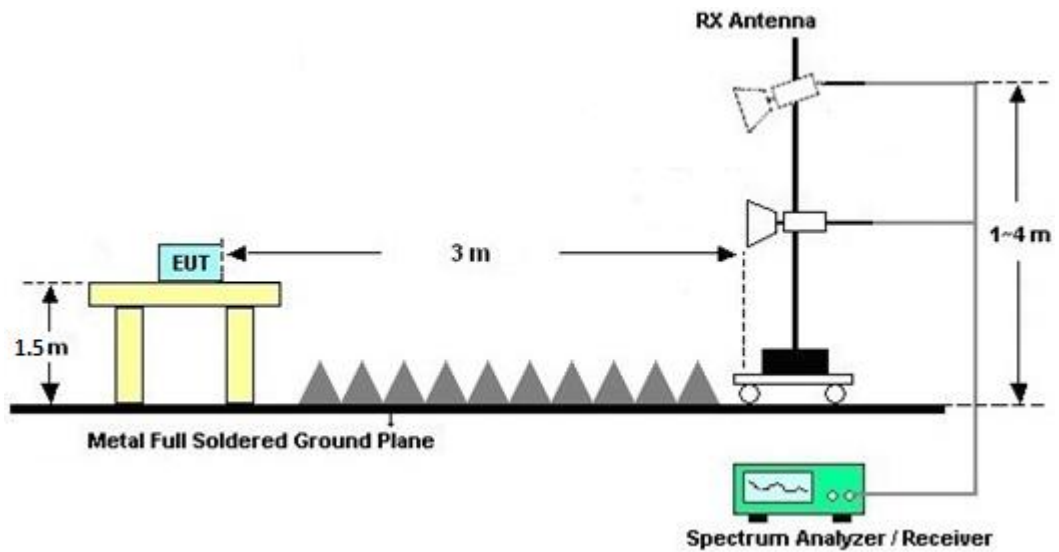
For radiated emissions below 30MHz



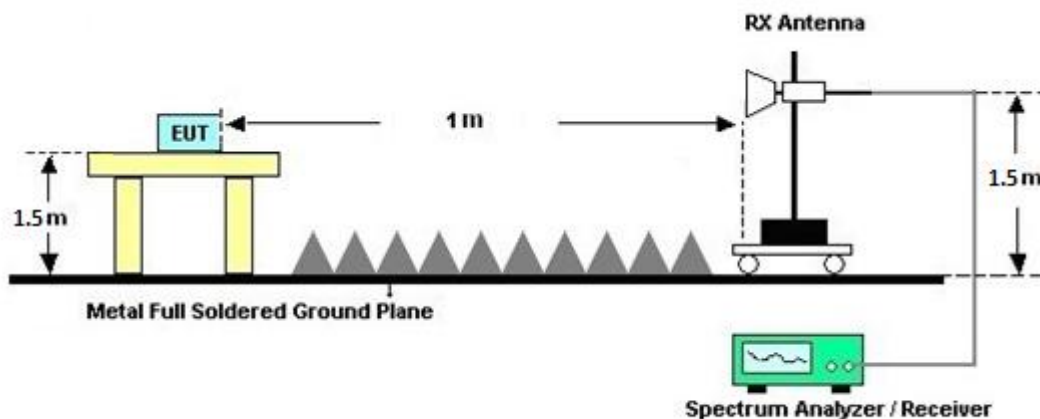
For radiated emissions from 30MHz to 1GHz



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 (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

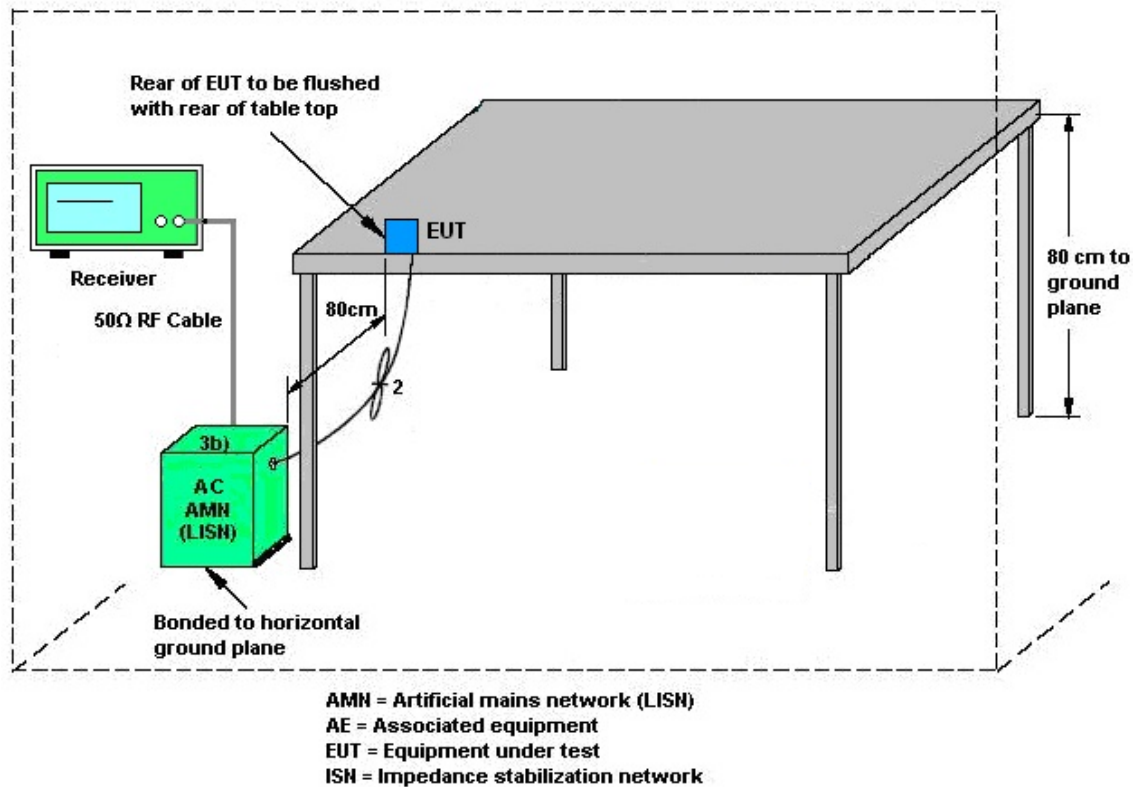
3.5.2 Measuring Instruments

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



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
LISN	TESEQ	NNB51	47415	N/A	Aug. 04, 2023	Jan. 31, 2024	Aug. 03, 2024	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9kHz~7GHz	May 23, 2023	Jan. 31, 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	Jan. 31, 2024	Jun. 04, 2024	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Jan. 31, 2024	N/A	Conduction (CO01-CA)
Loop Antenna	R&S	HFH2-Z2E	100840	9kHz~30MHz	Jun. 29, 2023	Dec. 08, 2023~Dec. 18, 2023	Jun. 28, 2024	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Sep. 05, 2023	Dec. 08, 2023~Dec. 18, 2023	Sep. 04, 2024	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02140	1GHz~18GHz	Jan. 09, 2023	Dec. 08, 2023~Dec. 18, 2023	Jan. 08, 2024	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA9170	00842	18GHz~40GHz	Aug. 22, 2023	Dec. 08, 2023~Dec. 18, 2023	Aug. 21, 2024	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	May 03, 2023	Dec. 08, 2023~Dec. 18, 2023	May 02, 2024	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	May 04, 2023	Dec. 08, 2023~Dec. 18, 2023	May 03, 2024	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900252	1GHz~18GHz	May 23, 2023	Dec. 08, 2023~Dec. 18, 2023	May 22, 2024	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz~40GHz	May 04, 2023	Dec. 08, 2023~Dec. 18, 2023	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	Dec. 08, 2023~Dec. 18, 2023	Oct. 12, 2024	Radiation (03CH02-CA)
High Pass Filter	WOKEN	WFIL-H6500-26500F	WR67BWC4B1	6.5G-26.5G	Jun. 05, 2023	Dec. 08, 2023~Dec. 18, 2023	Jun. 04, 2024	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN2	1.2GHz Low Pass Filter	Jun. 05, 2023	Dec. 08, 2023~Dec. 18, 2023	Jun. 04, 2024	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug.30, 2023	Dec. 08, 2023~Dec. 18, 2023	Aug. 29, 2024	Radiation (03CH02-CA)
Controller	ChainTek	EM-1000	060876	NA	N/A	Dec. 08, 2023~Dec. 18, 2023	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 08, 2023~Dec. 18, 2023	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 08, 2023~Dec. 18, 2023	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Dec. 08, 2023~Dec. 18, 2023	N/A	Radiation (03CH02-CA)
Hygrometer	Testo	608-H1	45141354	N/A	Jul. 26, 2023	Dec. 27, 2023~Feb. 09, 2024	Jul. 25, 2024	Conducted (TH01-CA)
Power Sensor	DARE!!	RPR3006W	RPR8W-2301002	10MHz-8GHz	Feb. 08, 2023	Dec. 27, 2023~Feb. 06, 2024	Feb. 07, 2024	Conducted (TH01-CA)
Power Sensor	Raditeq	RPR3006W#10	RPR6W-2101003	10MHz-8GHz	May 04, 2023	Feb. 07, 2024~Feb. 09, 2024	May 03, 2024	Conducted (TH01-CA)
Switch Box	EM Electronics	EMSW26	1070902	N/A	Oct. 09, 2023	Dec. 27, 2023~Feb. 09, 2024	Oct. 08, 2024	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101545	10Hz-40GHz	May 03, 2023	Dec. 27, 2023~Feb. 09, 2024	May 02, 2024	Conducted (TH01-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
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.8 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.5 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2 dB
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Appendix A. Test Result of Conducted Test Items

<2x2 MIMO>

Test Engineer:	Venkata Kondepudi, Leon Huang and Vincent Lam	Temperature:	18.7~19.4	°C
Test Date:	2023/12/27~2024/01/05	Relative Humidity:	56.9~67.1	%

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	17.03	22.80	22.56	-		22.31		-	
11a	6Mbps	2	44	5220	17.08	17.03	22.64	22.48	-		22.31			
11a	6Mbps	2	48	5240	17.13	17.13	22.64	22.56	-		22.34			

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	20.26	20.58	23.43	30.00		3.10			Pass
11a	6Mbps	2	44	5220	21.48	21.99	24.75	30.00		3.10			Pass
11a	6Mbps	2	48	5240	21.35	21.94	24.67	30.00		3.10			Pass
HT20	MCS0	2	36	5180	20.09	20.18	23.15	30.00		3.10			Pass
HT20	MCS0	2	44	5220	21.21	21.57	24.40	30.00		3.10			Pass
HT20	MCS0	2	48	5240	21.10	21.49	24.31	30.00		3.10			Pass
HT40	MCS0	2	38	5190	20.21	20.41	23.32	30.00		3.10			Pass
HT40	MCS0	2	46	5230	20.83	21.16	24.01	30.00		3.10			Pass
VHT20	MCS0	2	36	5180	19.94	20.33	23.15	30.00		3.10			Pass
VHT20	MCS0	2	44	5220	21.23	21.55	24.40	30.00		3.10			Pass
VHT20	MCS0	2	48	5240	21.00	21.53	24.28	30.00		3.10			Pass
VHT40	MCS0	2	38	5190	20.04	20.49	23.28	30.00		3.10			Pass
VHT40	MCS0	2	46	5230	20.82	21.16	24.00	30.00		3.10			Pass
VHT80	MCS0	2	42	5210	19.39	19.36	22.39	30.00		3.10			Pass
VHT160	MCS0	2	50	5250	17.83	18.11	20.98	30.00		3.10			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	0.01	0.01	-		11.34	17.00		3.10		Pass
11a	6Mbps	2	44	5220	0.01	0.01			12.84	17.00		3.10		Pass
11a	6Mbps	2	48	5240	0.01	0.01			12.71	17.00		3.10		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	17.08	17.03	22.72	22.48	23.31		29.31		23.98		-
11a	6Mbps	2	60	5300	17.18	17.03	22.72	22.56	23.31		29.31		23.98		
11a	6Mbps	2	64	5320	17.08	17.03	22.64	22.48	23.31		29.31		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	19.67	19.75	22.72	23.98		2.90		30	Pass
11a	6Mbps	2	60	5300	19.57	19.72	22.66	23.98		2.90		30	Pass
11a	6Mbps	2	64	5320	19.31	19.66	22.50	23.98		2.90		30	Pass
HT20	MCS0	2	52	5260	20.31	20.41	23.37	23.98		2.90		30	Pass
HT20	MCS0	2	60	5300	20.10	20.39	23.26	23.98		2.90		30	Pass
HT20	MCS0	2	64	5320	20.07	20.25	23.17	23.98		2.90		30	Pass
HT40	MCS0	2	54	5270	20.59	20.51	23.56	23.98		2.90		30	Pass
HT40	MCS0	2	62	5310	20.74	21.01	23.89	23.98		2.90		30	Pass
VHT20	MCS0	2	52	5260	19.57	20.41	23.02	23.98		2.90		30	Pass
VHT20	MCS0	2	60	5300	19.55	20.25	22.92	23.98		2.90		30	Pass
VHT20	MCS0	2	64	5320	19.56	20.26	22.93	23.98		2.90		30	Pass
VHT40	MCS0	2	54	5270	19.61	20.64	23.17	23.98		2.90		30	Pass
VHT40	MCS0	2	62	5310	20.14	20.86	23.53	23.98		2.90		30	Pass
VHT80	MCS0	2	58	5290	19.86	20.70	23.31	23.98		2.90		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	0.01	0.01	-		10.94	11.00		2.90		Pass
11a	6Mbps	2	60	5300	0.01	0.01			10.64	11.00		2.90		Pass
11a	6Mbps	2	64	5320	0.01	0.01			10.64	11.00		2.90		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	17.03	17.03	22.72	22.56	23.31		29.31		23.98		----	----
11a	6Mbps	2	116	5580	17.08	16.98	22.72	22.56	23.30		29.30		23.98		----	----
11a	6Mbps	2	140	5700	17.08	16.98	22.64	22.56	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	13.59	13.54	16.12	16.12	22.32		28.32		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	19.81	19.82	22.83	23.98		2.90		30	Pass
11a	6Mbps	2	116	5580	19.62	19.82	22.73	23.98		2.90		30	Pass
11a	6Mbps	2	140	5700	19.59	19.81	22.71	23.98		2.90		30	Pass
HT20	MCS0	2	100	5500	20.83	20.83	23.84	23.98		2.90		30	Pass
HT20	MCS0	2	116	5580	20.29	20.44	23.38	23.98		2.90		30	Pass
HT20	MCS0	2	140	5700	20.16	20.32	23.25	23.98		2.90		30	Pass
HT40	MCS0	2	102	5510	19.37	19.42	22.41	23.98		2.90		30	Pass
HT40	MCS0	2	110	5550	20.30	20.47	23.40	23.98		2.90		30	Pass
HT40	MCS0	2	134	5670	20.11	20.37	23.25	23.98		2.90		30	Pass
VHT20	MCS0	2	100	5500	19.41	19.91	22.68	23.98		2.90		30	Pass
VHT20	MCS0	2	116	5580	19.68	19.79	22.75	23.98		2.90		30	Pass
VHT20	MCS0	2	140	5700	20.14	20.32	23.24	23.98		2.90		30	Pass
VHT40	MCS0	2	102	5510	19.33	19.40	22.38	23.98		2.90		30	Pass
VHT40	MCS0	2	110	5550	20.31	20.43	23.38	23.98		2.90		30	Pass
VHT40	MCS0	2	134	5670	20.05	20.25	23.16	23.98		2.90		30	Pass
VHT80	MCS0	2	106	5530	17.44	17.69	20.58	23.98		2.90		30	Pass
VHT80	MCS0	2	122	5610	19.30	19.80	22.57	23.98		2.90		30	Pass
VHT160	MCS0	2	114	5570	17.69	17.76	20.74	23.98		2.90		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	19.46	19.73	22.61	23.07		2.90		30	Pass
HT20	MCS0	2	144	5720	19.93	20.38	23.17	23.98		2.90		30	Pass
HT40	MCS0	2	142	5710	20.28	20.58	23.44	23.98		2.90		30	Pass
VHT20	MCS0	2	144	5720	19.57	19.79	22.69	23.20		2.90		30	Pass
VHT40	MCS0	2	142	5710	20.10	20.61	23.37	23.98		2.90		30	Pass
VHT80	MCS0	2	138	5690	19.91	20.35	23.15	23.98		2.90		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	0.01	0.01	-		10.87	11.00		2.90	-	Pass
11a	6Mbps	2	116	5580	0.01	0.01			10.80	11.00		2.90		Pass
11a	6Mbps	2	140	5700	0.01	0.01			10.50	11.00		2.90		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	0.01	0.01	-		10.50	11.00		2.90		-	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
HE20	MCS0	2	36	5180	Full	20.04	20.50	23.29	30.00		3.10			Pass
HE20	MCS0	2	44	5220	Full	21.31	21.61	24.47	30.00		3.10			Pass
HE20	MCS0	2	48	5240	Full	21.21	21.61	24.42	30.00		3.10			Pass
HE40	MCS0	2	38	5190	Full	20.04	20.46	23.27	30.00		3.10			Pass
HE40	MCS0	2	46	5230	Full	20.73	21.11	23.93	30.00		3.10			Pass
HE80	MCS0	2	42	5210	Full	19.34	19.32	22.34	30.00		3.10			Pass
HE160	MCS0	2	50	5250	Full	17.82	17.96	20.90	30.00		3.10			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	20.30	20.46	23.39	23.98		2.90		30	Pass
HE20	MCS0	2	60	5300	Full	19.95	20.16	23.07	23.98		2.90		30	Pass
HE20	MCS0	2	64	5320	Full	19.95	20.08	23.03	23.98		2.90		30	Pass
HE40	MCS0	2	54	5270	Full	20.56	20.44	23.51	23.98		2.90		30	Pass
HE40	MCS0	2	62	5310	Full	20.65	21.11	23.90	23.98		2.90		30	Pass
HE80	MCS0	2	58	5290	Full	20.35	20.56	23.47	23.98		2.90		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	20.85	20.96	23.92	23.98		2.90		30	Pass
HE20	MCS0	2	116	5580	Full	20.03	20.27	23.16	23.98		2.90		30	Pass
HE20	MCS0	2	140	5700	Full	19.83	19.97	22.91	23.98		2.90		30	Pass
HE40	MCS0	2	102	5510	Full	19.35	19.32	22.35	23.98		2.90		30	Pass
HE40	MCS0	2	134	5670	Full	20.00	20.32	23.17	23.98		2.90		30	Pass
HE80	MCS0	2	106	5530	Full	18.13	18.12	21.14	23.98		2.90		30	Pass
HE80	MCS0	2	122	5610	Full	19.89	20.07	22.99	23.98		2.90		30	Pass
HE160	MCS0	2	114	5570	Full	17.88	17.82	20.86	23.98		2.90		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)			Note
						Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	36	5180	Full	19.23	19.23	23.12	23.60	-	-
EHT20	MCS0	2	44	5220	Full	19.23	19.23	23.20	23.84		
EHT20	MCS0	2	48	5240	Full	19.13	19.23	23.52	23.44		
EHT40	MCS0	2	38	5190	Full	38.46	38.56	46.08	45.44		
EHT40	MCS0	2	46	5230	Full	38.56	38.56	45.92	45.44		
EHT80	MCS0	2	42	5210	Full	77.92	77.92	88.96	89.60		
EHT160	MCS0	2	50	5250	Full	157.52	157.28	176.16	170.88		

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	20.22	20.59	23.42	30.00	3.10	-		Pass	
EHT20	MCS0	2	44	5220	Full	21.55	22.18	24.89	30.00	3.10			Pass	
EHT20	MCS0	2	48	5240	Full	21.44	22.10	24.79	30.00	3.10			Pass	
EHT40	MCS0	2	38	5190	Full	20.08	20.61	23.36	30.00	3.10			Pass	
EHT40	MCS0	2	46	5230	Full	20.82	21.42	24.14	30.00	3.10			Pass	
EHT80	MCS0	2	42	5210	Full	19.28	19.76	22.54	30.00	3.10			Pass	
EHT160	MCS0	2	50	5250	Full	17.95	18.37	21.18	30.00	3.10			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	0.03	0.03	-		10.84	17.00	17.00	3.10	3.10	Pass
EHT20	MCS0	2	44	5220	Full	0.03	0.03			12.28	17.00	17.00	3.10	3.10	Pass
EHT20	MCS0	2	48	5240	Full	0.03	0.03			12.21	17.00	17.00	3.10	3.10	Pass
EHT40	MCS0	2	38	5190	Full	0.03	0.04			7.73	17.00	17.00	3.10	3.10	Pass
EHT40	MCS0	2	46	5230	Full	0.03	0.04			8.65	17.00	17.00	3.10	3.10	Pass
EHT80	MCS0	2	42	5210	Full	0.04	0.04			4.05	17.00	17.00	3.10	3.10	Pass
EHT160	MCS0	2	50	5250	Full	0.03	0.03			-0.08	17.00	17.00	3.10	3.10	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	19.18	19.18	23.20	23.68	23.83		29.83		23.98		-
EHT20	MCS0	2	60	5300	Full	19.18	19.23	22.80	24.00	23.83		29.83		23.98		
EHT20	MCS0	2	64	5320	Full	19.18	19.18	23.44	23.68	23.83		29.83		23.98		
EHT40	MCS0	2	54	5270	Full	38.46	38.56	46.40	46.24	23.98		30.00		23.98		
EHT40	MCS0	2	62	5310	Full	38.46	38.56	46.08	46.56	23.98		30.00		23.98		
EHT80	MCS0	2	58	5290	Full	77.80	77.92	89.92	89.92	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	20.33	20.44	23.40	23.98		2.90		30	Pass
EHT20	MCS0	2	60	5300	Full	20.15	20.36	23.27	23.98		2.90		30	Pass
EHT20	MCS0	2	64	5320	Full	19.97	20.36	23.18	23.98		2.90		30	Pass
EHT40	MCS0	2	54	5270	Full	20.46	20.66	23.57	23.98		2.90		30	Pass
EHT40	MCS0	2	62	5310	Full	20.67	21.07	23.88	23.98		2.90		30	Pass
EHT80	MCS0	2	58	5290	Full	20.37	20.56	23.48	23.98		2.90		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	0.03	0.03	-		10.94	11.00	2.90	-		Pass
EHT20	MCS0	2	60	5300	Full	0.03	0.03			10.78	11.00	2.90			Pass
EHT20	MCS0	2	64	5320	Full	0.03	0.03			10.79	11.00	2.90			Pass
EHT40	MCS0	2	54	5270	Full	0.03	0.04			8.34	11.00	2.90			Pass
EHT40	MCS0	2	62	5310	Full	0.03	0.04			8.54	11.00	2.90			Pass
EHT80	MCS0	2	58	5290	Full	0.04	0.04			5.22	11.00	2.90			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)		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
EHT20	MCS0	2	100	5500	Full	19.18	19.23	23.52	23.84	23.98		----	----
EHT20	MCS0	2	116	5580	Full	19.18	19.23	23.60	23.68	23.98		----	----
EHT20	MCS0	2	140	5700	Full	19.23	19.23	23.20	24.00	23.98		----	----
EHT40	MCS0	2	102	5510	Full	38.46	38.46	45.44	45.44	23.98		----	----
EHT40	MCS0	2	110	5550	Full	38.56	38.66	45.60	46.10	23.98		----	----
EHT40	MCS0	2	134	5670	Full	38.56	38.56	45.92	46.08	23.98		----	----
EHT80	MCS0	2	106	5530	Full	77.92	77.80	91.20	90.56	23.98		----	----
EHT80	MCS0	2	122	5610	Full	77.80	77.80	89.28	91.84	23.98		----	----
EHT160	MCS0	2	114	5570	Full	157.76	157.52	175.68	172.32	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)		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
EHT20	MCS0	2	144	5720	Full	14.64	14.59	16.84	16.92	23.26		4.6	4.6
EHT40	MCS0	2	142	5710	Full	34.18	34.18	37.56	37.40	23.98		4.26	4.35
EHT80	MCS0	2	138	5690	Full	73.84	73.84	79.48	78.84	23.98		4.36	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	20.90	20.92	23.92	23.98		2.90		30	Pass
EHT20	MCS0	2	116	5580	Full	20.25	20.52	23.40	23.98		2.90		30	Pass
EHT20	MCS0	2	140	5700	Full	20.26	20.34	23.31	23.98		2.90		30	Pass
EHT40	MCS0	2	102	5510	Full	19.67	19.73	22.71	23.98		2.90		30	Pass
EHT40	MCS0	2	110	5550	Full	20.63	20.93	23.79	23.98		2.90		30	Pass
EHT40	MCS0	2	134	5670	Full	20.31	20.61	23.47	23.98		2.90		30	Pass
EHT80	MCS0	2	106	5530	Full	18.10	18.17	21.15	23.98		2.90		30	Pass
EHT80	MCS0	2	122	5610	Full	20.10	20.52	23.33	23.98		2.90		30	Pass
EHT160	MCS0	2	114	5570	Full	18.18	18.28	21.24	23.98		2.90		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	20.05	20.30	23.19	23.26		2.90		30	Pass
EHT40	MCS0	2	142	5710	Full	20.48	20.75	23.63	23.98		2.90		30	Pass
EHT80	MCS0	2	138	5690	Full	20.55	20.78	23.68	23.98		2.90		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	0.03	0.03	-		10.50	11.00	2.90		-	Pass
EHT20	MCS0	2	116	5580	Full	0.03	0.03			10.96	11.00	2.90			Pass
EHT20	MCS0	2	140	5700	Full	0.03	0.03			10.48	11.00	2.90			Pass
EHT40	MCS0	2	102	5510	Full	0.03	0.04			7.37	11.00	2.90			Pass
EHT40	MCS0	2	110	5550	Full	0.03	0.04			7.96	11.00	2.90			Pass
EHT40	MCS0	2	134	5670	Full	0.03	0.04			7.91	11.00	2.90			Pass
EHT80	MCS0	2	106	5530	Full	0.04	0.04			2.95	11.00	2.90			Pass
EHT80	MCS0	2	122	5610	Full	0.04	0.04			5.08	11.00	2.90			Pass
EHT160	MCS0	2	114	5570	Full	0.03	0.03			0.44	11.00	2.90			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	0.03	0.03	-		10.63	11.00	2.90		-	Pass
EHT40	MCS0	2	142	5710	Full	0.03	0.04			8.17	11.00	2.90			Pass
EHT80	MCS0	2	138	5690	Full	0.03	0.03			5.25	11.00	2.90			Pass

<4x4 MIMO>

Test Engineer:	Venkata Kondepudi	Temperature:	18~22.2	°C
Test Date:	2024/01/17~2024/02/09	Relative Humidity:	43.2~64.8	%

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	17.08	17.13	17.03	17.03	22.96	23.44	22.88	22.72	-
11a	6Mbps	4	44	5220	17.13	17.18	17.08	17.08	22.64	23.44	23.12	22.64	
11a	6Mbps	4	48	5240	17.08	17.18	17.03	17.08	22.64	23.04	22.96	22.48	

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	19.76	19.23	19.79	19.93	25.71	30.00				3.10				-	Pass
11a	6Mbps	4	44	5220	22.84	22.68	22.50	22.51	28.66	30.00				3.10					Pass
11a	6Mbps	4	48	5240	22.77	22.83	22.42	22.51	28.66	30.00				3.10					Pass
HT20	MCS0	4	36	5180	18.66	18.12	18.68	18.76	24.58	30.00				3.10					Pass
HT20	MCS0	4	44	5220	22.32	22.05	21.93	21.96	28.09	30.00				3.10					Pass
HT20	MCS0	4	48	5240	22.12	22.19	21.82	21.85	28.02	30.00				3.10					Pass
HT40	MCS0	4	38	5190	18.43	17.87	18.31	18.30	24.15	30.00				3.10					Pass
HT40	MCS0	4	46	5230	22.13	21.87	21.49	21.44	27.87	30.00				3.10					Pass
VHT20	MCS0	4	36	5180	18.85	18.06	18.65	18.55	24.56	30.00				3.10					Pass
VHT20	MCS0	4	44	5220	22.46	22.06	21.84	21.72	28.05	30.00				3.10					Pass
VHT20	MCS0	4	48	5240	22.29	22.23	21.80	21.66	28.02	30.00				3.10					Pass
VHT40	MCS0	4	38	5190	18.13	18.04	18.16	18.26	24.17	30.00				3.10					Pass
VHT40	MCS0	4	46	5230	21.83	22.01	21.41	21.38	27.69	30.00				3.10					Pass
VHT80	MCS0	4	42	5210	18.25	18.37	18.13	18.36	24.30	30.00				3.10					Pass
VHT160	MCS0	4	50	5250	17.58	17.73	17.03	17.22	23.42	30.00				3.10					Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO 4Tx Mode																			
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	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	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	36	5180	-				13.55	17.00				5.62				-	Pass
11a	6Mbps	4	44	5220	-				16.13	17.00				5.62					Pass
11a	6Mbps	4	48	5240	-				16.09	17.00				5.62					Pass

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	17.13	17.03	17.08	17.08	22.72	22.64	22.96	22.80	23.98				-
11a	6Mbps	4	60	5300	17.13	17.08	17.03	17.03	22.72	23.04	22.72	22.64	23.98				
11a	6Mbps	4	64	5320	17.03	17.03	17.03	17.08	22.72	22.96	23.04	22.48	23.98				

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	17.94	17.78	17.02	17.22	23.53	23.98				2.90				30.00	Pass
11a	6Mbps	4	60	5300	17.66	17.61	16.99	17.00	23.35	23.98				2.90				30.00	Pass
11a	6Mbps	4	64	5320	17.50	17.39	17.14	17.19	23.33	23.98				2.90				30.00	Pass
HT20	MCS0	4	52	5260	17.30	17.23	16.47	16.74	22.97	23.98				2.90				30.00	Pass
HT20	MCS0	4	60	5300	17.00	17.06	16.37	16.34	22.73	23.98				2.90				30.00	Pass
HT20	MCS0	4	64	5320	16.85	16.77	16.51	16.65	22.72	23.98				2.90				30.00	Pass
HT40	MCS0	4	54	5270	17.56	17.20	16.55	16.74	23.16	23.98				2.90				30.00	Pass
HT40	MCS0	4	62	5310	17.70	17.36	17.11	17.00	23.41	23.98				2.90				30.00	Pass
VHT20	MCS0	4	52	5260	17.50	17.44	16.62	16.88	23.15	23.98				2.90				30.00	Pass
VHT20	MCS0	4	60	5300	17.73	17.64	17.07	17.08	23.41	23.98				2.90				30.00	Pass
VHT20	MCS0	4	64	5320	17.54	17.36	17.18	17.25	23.36	23.98				2.90				30.00	Pass
VHT40	MCS0	4	54	5270	17.24	17.19	16.42	16.71	22.92	23.98				2.90				30.00	Pass
VHT40	MCS0	4	62	5310	17.54	17.32	17.01	16.94	23.23	23.98				2.90				30.00	Pass
VHT80	MCS0	4	58	5290	17.47	17.28	16.67	16.72	23.07	23.98				2.90				30.00	Pass
VHT160	MCS0	4	50	5250	17.58	17.73	17.03	17.22	23.42	23.98				2.90				30.00	Pass

TEST RESULTS DATA

Power Spectral Density

U-NII-2A MIMO 4Tx Mode																			
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	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	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	52	5260	-				10.90	11.00				5.33				-	Pass
11a	6Mbps	4	60	5300	-				10.52	11.00				5.33					Pass
11a	6Mbps	4	64	5320	-				10.58	11.00				5.33					Pass

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)				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	100	5500	17.08	17.08	17.03	17.03	22.80	22.64	23.04	22.72	23.98				-----			
11a	6Mbps	4	116	5580	17.08	17.08	17.03	17.03	22.72	22.72	22.64	22.64	23.98				-----			
11a	6Mbps	4	140	5700	17.08	17.03	17.03	17.03	22.56	22.80	23.04	22.64	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	13.59	13.59	13.54	13.54	16.36	16.36	16.20	16.28	23.14				3.2	3.25	3.25	3.25

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	16.89	16.26	16.1	16.46	22.46	23.98				2.90				30.00	Pass
11a	6Mbps	4	116	5580	16.57	16.28	16.35	16.74	22.51	23.98				2.90				30.00	Pass
11a	6Mbps	4	140	5700	17.71	17.51	16.82	17.34	23.38	23.98				2.90				30.00	Pass
HT20	MCS0	4	100	5500	17.18	16.88	16.44	16.96	22.89	23.98				2.90				30.00	Pass
HT20	MCS0	4	116	5580	16.86	16.77	16.88	17.28	22.97	23.98				2.90				30.00	Pass
HT20	MCS0	4	140	5700	17.60	17.56	16.82	17.3	23.35	23.98				2.90				30.00	Pass
HT40	MCS0	4	102	5510	17.72	17.17	17.05	17.44	23.31	23.98				2.90				30.00	Pass
HT40	MCS0	4	110	5550	17.48	16.86	16.76	17.27	23.02	23.98				2.90				30.00	Pass
HT40	MCS0	4	134	5670	17.66	17.20	17.03	17.38	23.30	23.98				2.90				30.00	Pass
VHT20	MCS0	4	100	5500	17.88	17.48	17.02	17.46	23.49	23.98				2.90				30.00	Pass
VHT20	MCS0	4	116	5580	17.58	17.37	17.47	17.91	23.61	23.98				2.90				30.00	Pass
VHT20	MCS0	4	140	5700	17.74	17.54	16.84	17.36	23.40	23.98				2.90				30.00	Pass
VHT40	MCS0	4	102	5510	17.24	16.74	16.47	17.29	22.97	23.98				2.90				30.00	Pass
VHT40	MCS0	4	110	5550	16.97	16.47	16.18	16.73	22.62	23.98				2.90				30.00	Pass
VHT40	MCS0	4	134	5670	17.26	16.99	16.18	17.26	22.96	23.98				2.90				30.00	Pass
VHT80	MCS0	4	106	5530	18.16	17.57	17.41	17.96	23.81	23.98				2.90				30.00	Pass
VHT80	MCS0	4	122	5610	17.78	17.45	17.48	17.61	23.60	23.98				2.90				30.00	Pass
VHT160	MCS0	4	114	5570	17.48	17.12	17	17.83	23.39	23.98				2.90				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	16.89	16.79	16.44	16.71	22.73	23.14				2.90				30.00	Pass
HT20	MCS0	4	144	5720	17.31	17.14	16.81	17.11	23.12	23.98				2.90				30.00	Pass
HT40	MCS0	4	142	5710	17.66	17.37	16.97	17.36	23.37	23.98				2.90				30.00	Pass
VHT20	MCS0	4	144	5720	17.31	17.27	16.86	17.06	23.15	23.98				2.90				30.00	Pass
VHT40	MCS0	4	142	5710	17.54	17.44	16.83	17.30	23.31	23.98				2.90				30.00	Pass
VHT80	MCS0	4	138	5690	17.70	17.55	17.07	17.41	23.46	23.98				2.90				30.00	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO 4Tx Mode																			
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	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	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
11a	6Mbps	4	100	5500	-				10.49	11.00				5.33				-	Pass
11a	6Mbps	4	116	5580	-				10.56	11.00				5.33					Pass
11a	6Mbps	4	140	5700	-				10.67	11.00				5.33					Pass

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	18.80	18.16	18.75	18.91	24.69	30.00				3.10				-	Pass
HE20	MCS0	4	44	5220	Full	22.48	22.16	22.01	22.01	28.19	30.00				3.10					Pass
HE20	MCS0	4	48	5240	Full	22.24	22.28	21.87	22.02	28.13	30.00				3.10					Pass
HE40	MCS0	4	38	5190	Full	18.27	17.88	18.28	18.26	24.20	30.00				3.10					Pass
HE40	MCS0	4	46	5230	Full	21.98	21.90	21.51	21.43	27.73	30.00				3.10					Pass
HE80	MCS0	4	42	5210	Full	18.48	18.21	18.2	18.37	24.34	30.00				3.10					Pass
HE160	MCS0	4	50	5250	Full	17.82	17.53	16.99	17.18	23.41	30.00				3.10					Pass

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	17.38	17.35	16.54	16.79	23.05	23.98				2.90				30.00	Pass
HE20	MCS0	4	60	5300	Full	17.10	17.26	16.48	16.46	22.86	23.98				2.90				30.00	Pass
HE20	MCS0	4	64	5320	Full	16.98	16.86	16.62	16.72	22.82	23.98				2.90				30.00	Pass
HE40	MCS0	4	54	5270	Full	17.85	17.46	16.82	17.07	23.34	23.98				2.90				30.00	Pass
HE40	MCS0	4	62	5310	Full	17.91	17.74	17.37	17.40	23.63	23.98				2.90				30.00	Pass
HE80	MCS0	4	58	5290	Full	17.92	17.81	17.17	17.28	23.58	23.98				2.90				30.00	Pass
HE160	MCS0	4	50	5250	Full	17.82	17.53	16.99	17.18	23.41	23.98				2.90				30.00	Pass

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	17.19	16.95	16.53	17.04	22.95	23.98				2.90				30.00	Pass
HE20	MCS0	4	116	5580	Full	17.02	16.83	16.91	17.36	23.06	23.98				2.90				30.00	Pass
HE20	MCS0	4	140	5700	Full	17.56	17.62	16.9	17.44	23.41	23.98				2.90				30.00	Pass
HE40	MCS0	4	102	5510	Full	17.70	17.19	17.02	17.36	23.35	23.98				2.90				30.00	Pass
HE40	MCS0	4	110	5550	Full	17.36	16.86	16.74	17.23	23.08	23.98				2.90				30.00	Pass
HE40	MCS0	4	134	5670	Full	17.63	17.23	16.94	17.36	23.32	23.98				2.90				30.00	Pass
HE80	MCS0	4	106	5530	Full	18.24	17.51	17.42	17.87	23.79	23.98				2.90				30.00	Pass
HE80	MCS0	4	122	5610	Full	17.83	17.57	17.51	17.61	23.65	23.98				2.90				30.00	Pass
HE160	MCS0	4	114	5570	Full	17.93	17.62	17.49	18.20	23.84	23.98				2.90				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	17.43	17.24	16.82	17.22	23.20	23.98				2.90				30.00	Pass
HE40	MCS0	4	142	5710	Full	17.52	17.47	16.92	17.26	23.32	23.98				2.90				30.00	Pass
HE80	MCS0	4	138	5690	Full	17.81	17.52	17.11	17.41	23.49	23.98				2.90				30.00	Pass

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	19.23	19.23	19.18	19.23	23.68	23.20	23.68	23.20	-
EHT20	MCS0	4	44	5220	Full	19.18	19.28	19.23	19.18	23.36	23.04	23.36	23.12	
EHT20	MCS0	4	48	5240	Full	19.28	19.28	19.28	19.28	23.36	23.20	23.44	23.20	
EHT40	MCS0	4	38	5190	Full	38.56	38.56	38.56	38.56	46.08	44.96	45.28	46.24	
EHT40	MCS0	4	46	5230	Full	38.66	38.56	38.56	38.56	45.44	46.24	46.24	45.92	
EHT80	MCS0	4	42	5210	Full	77.92	77.80	77.92	77.80	89.60	89.28	92.16	90.24	
EHT160	MCS0	4	50	5250	Full	158.00	157.76	157.52	158.00	175.20	169.92	173.28	173.76	

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	18.94	18.18	18.9	18.99	24.79	30.00				3.10				Pass
EHT20	MCS0	4	44	5220	Full	22.70	22.67	22.5	22.45	28.60	30.00				3.10				Pass
EHT20	MCS0	4	48	5240	Full	22.88	22.96	22.48	22.68	28.77	30.00				3.10				Pass
EHT40	MCS0	4	38	5190	Full	18.47	17.99	18.49	18.50	24.39	30.00				3.10				Pass
EHT40	MCS0	4	46	5230	Full	22.52	22.21	21.87	21.70	28.11	30.00				3.10				Pass
EHT80	MCS0	4	42	5210	Full	18.54	18.29	18.22	18.34	24.37	30.00				3.10				Pass
EHT160	MCS0	4	50	5250	Full	17.89	17.59	17.07	17.19	23.47	30.00				3.10				Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO 4Tx Mode																			
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	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	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2	
EHT20	MCS0	4	36	5180	Full	-	-	-	-	11.79	17.00	17.00	17.00	17.00	5.62	5.62	5.62	5.62	Pass
EHT20	MCS0	4	44	5220	Full	-	-	-	-	15.76	17.00	17.00	17.00	17.00	5.62	5.62	5.62	5.62	Pass
EHT20	MCS0	4	48	5240	Full	-	-	-	-	15.66	17.00	17.00	17.00	17.00	5.62	5.62	5.62	5.62	Pass
EHT40	MCS0	4	38	5190	Full	-	-	-	-	8.63	17.00	17.00	17.00	17.00	5.62	5.62	5.62	5.62	Pass
EHT40	MCS0	4	46	5230	Full	-	-	-	-	12.44	17.00	17.00	17.00	17.00	5.62	5.62	5.62	5.62	Pass
EHT80	MCS0	4	42	5210	Full	-	-	-	-	6.01	17.00	17.00	17.00	17.00	5.62	5.62	5.62	5.62	Pass
EHT160	MCS0	4	50	5250	Full	-	-	-	-	2.56	17.00	17.00	17.00	17.00	5.62	5.62	5.62	5.62	Pass

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	19.23	19.23	19.23	19.18	23.36	23.12	22.96	23.60	23.98				-
EHT20	MCS0	4	60	5300	Full	19.28	19.23	19.18	19.27	23.20	22.96	23.68	23.92	23.98				
EHT20	MCS0	4	64	5320	Full	19.18	19.18	19.18	19.18	23.28	22.96	23.28	24.48	23.98				
EHT40	MCS0	4	54	5270	Full	38.56	38.56	38.56	38.56	45.28	45.60	45.28	45.76	23.98				
EHT40	MCS0	4	62	5310	Full	38.56	38.56	38.56	38.56	45.44	45.76	46.44	46.08	23.98				
EHT80	MCS0	4	58	5290	Full	77.80	77.80	77.92	77.92	89.92	90.24	90.88	89.92	23.98				
EHT160	MCS0	4	50	5250	Full	158.00	157.76	157.52	158.00	175.20	169.92	173.28	173.76	23.98				

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO 4Tx Mode																				
Mod.	Data Rate	N _{rx}	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	18.13	18.01	17.21	17.36	23.72	23.98				2.90				30.00	Pass
EHT20	MCS0	4	60	5300	Full	17.87	17.81	17.17	17.16	23.54	23.98				2.90				30.00	Pass
EHT20	MCS0	4	64	5320	Full	17.73	17.61	17.31	17.41	23.54	23.98				2.90				30.00	Pass
EHT40	MCS0	4	54	5270	Full	17.83	17.51	16.82	17.08	23.35	23.98				2.90				30.00	Pass
EHT40	MCS0	4	62	5310	Full	17.97	17.73	17.42	17.39	23.65	23.98				2.90				30.00	Pass
EHT80	MCS0	4	58	5290	Full	18.05	17.77	17.21	17.32	23.62	23.98				2.90				30.00	Pass
EHT160	MCS0	4	50	5250	Full	17.89	17.59	17.07	17.19	23.47	23.98				2.90				30.00	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO 4Tx Mode																				
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	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	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	52	5260	Full	-				10.67	11.00				5.33					Pass
EHT20	MCS0	4	60	5300	Full	-				10.59	11.00				5.33					Pass
EHT20	MCS0	4	64	5320	Full	-				10.39	11.00				5.33					Pass
EHT40	MCS0	4	54	5270	Full	-				7.70	11.00				5.33					Pass
EHT40	MCS0	4	62	5310	Full	-				7.91	11.00				5.33					Pass
EHT80	MCS0	4	58	5290	Full	-				5.24	11.00				5.33					Pass

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)				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	100	5500	Full	19.23	19.28	19.18	19.18	23.12	23.12	23.68	24.80	23.98				----	----	----	----
EHT20	MCS0	4	116	5580	Full	19.23	19.28	19.23	19.23	23.36	23.68	23.84	24.88	23.98				----	----	----	----
EHT20	MCS0	4	140	5700	Full	19.23	19.28	19.18	19.23	23.52	23.12	23.76	23.92	23.98				----	----	----	----
EHT40	MCS0	4	102	5510	Full	38.56	38.56	38.56	38.46	44.64	45.60	45.44	45.60	23.98				----	----	----	----
EHT40	MCS0	4	110	5550	Full	38.56	38.56	38.56	38.56	45.44	45.76	45.92	45.44	23.98				----	----	----	----
EHT40	MCS0	4	134	5670	Full	38.66	38.56	38.56	38.56	46.56	44.96	45.44	45.76	23.98				----	----	----	----
EHT80	MCS0	4	106	5530	Full	77.80	77.92	77.92	77.92	88.00	90.24	91.52	90.24	23.98				----	----	----	----
EHT80	MCS0	4	122	5610	Full	78.04	77.80	77.92	77.80	90.24	92.16	90.88	89.92	23.98				----	----	----	----
EHT160	MCS0	4	114	5570	Full	158.00	157.76	157.76	157.76	172.32	172.80	170.88	171.84	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	14.64	14.64	14.64	14.59	16.52	16.52	16.68	16.60	23.18				4.6	4.6	4.55	4.55
EHT40	MCS0	4	142	5710	Full	34.28	34.28	34.28	34.28	37.56	37.08	37.88	37.88	23.98				4.26	4.26	4.26	4.26
EHT80	MCS0	4	138	5690	Full	73.96	73.96	73.96	73.96	80.76	80.12	80.76	79.48	23.98				4.36	4.36	4.36	4.2

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	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2			
EHT20	MCS0	4	100	5500	Full	17.87	17.62	17.14	17.61	23.59	23.98				2.90				30.00	Pass
EHT20	MCS0	4	116	5580	Full	17.69	17.37	17.6	18.05	23.71	23.98				2.90				30.00	Pass
EHT20	MCS0	4	140	5700	Full	17.78	17.54	16.85	17.41	23.43	23.98				2.90				30.00	Pass
EHT40	MCS0	4	102	5510	Full	17.85	17.46	17.32	17.56	23.57	23.98				2.90				30.00	Pass
EHT40	MCS0	4	110	5550	Full	17.74	17.19	16.99	17.60	23.41	23.98				2.90				30.00	Pass
EHT40	MCS0	4	134	5670	Full	17.88	17.58	17.37	17.63	23.64	23.98				2.90				30.00	Pass
EHT80	MCS0	4	106	5530	Full	18.22	17.62	17.48	17.97	23.85	23.98				2.90				30.00	Pass
EHT80	MCS0	4	122	5610	Full	17.86	17.57	17.55	17.64	23.68	23.98				2.90				30.00	Pass
EHT160	MCS0	4	114	5570	Full	17.94	17.65	17.48	18.22	23.85	23.98				2.90				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	17.39	17.21	16.83	17.14	23.17	23.18				2.90				30.00	Pass
EHT40	MCS0	4	142	5710	Full	17.81	17.62	17.16	17.57	23.57	23.98				2.90				30.00	Pass
EHT80	MCS0	4	138	5690	Full	17.81	17.47	17.17	17.50	23.51	23.98				2.90				30.00	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO 4Tx Mode																				
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	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	SUM	Ant 1	Ant 3	Ant 4	Ant 2	Ant 1	Ant 3	Ant 4	Ant 2		
EHT20	MCS0	4	100	5500	Full	-				10.68	11.00				5.33				-	Pass
EHT20	MCS0	4	116	5580	Full	-				10.67	11.00				5.33					Pass
EHT20	MCS0	4	140	5700	Full	-				10.29	11.00				5.33					Pass
EHT40	MCS0	4	102	5510	Full	-				7.99	11.00				5.33					Pass
EHT40	MCS0	4	110	5550	Full	-				7.86	11.00				5.33					Pass
EHT40	MCS0	4	134	5670	Full	-				8.00	11.00				5.33					Pass
EHT80	MCS0	4	106	5530	Full	-				5.50	11.00				5.33					Pass
EHT80	MCS0	4	122	5610	Full	-				5.21	11.00				5.33					Pass
EHT160	MCS0	4	114	5570	Full	-				2.63	11.00				5.33					Pass

U-NII-2C straddle channel MIMO 4Tx Mode																				
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)					Average PSD Limit (dBm/MHz)				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	144	5720	Full	-				10.07	11.00				5.33				-	Pass
EHT40	MCS0	4	142	5710	Full	-				8.00	11.00				5.33					Pass
EHT80	MCS0	4	138	5690	Full	-				5.05	11.00				5.33					Pass



Appendix B. AC Conducted Emission Test Results

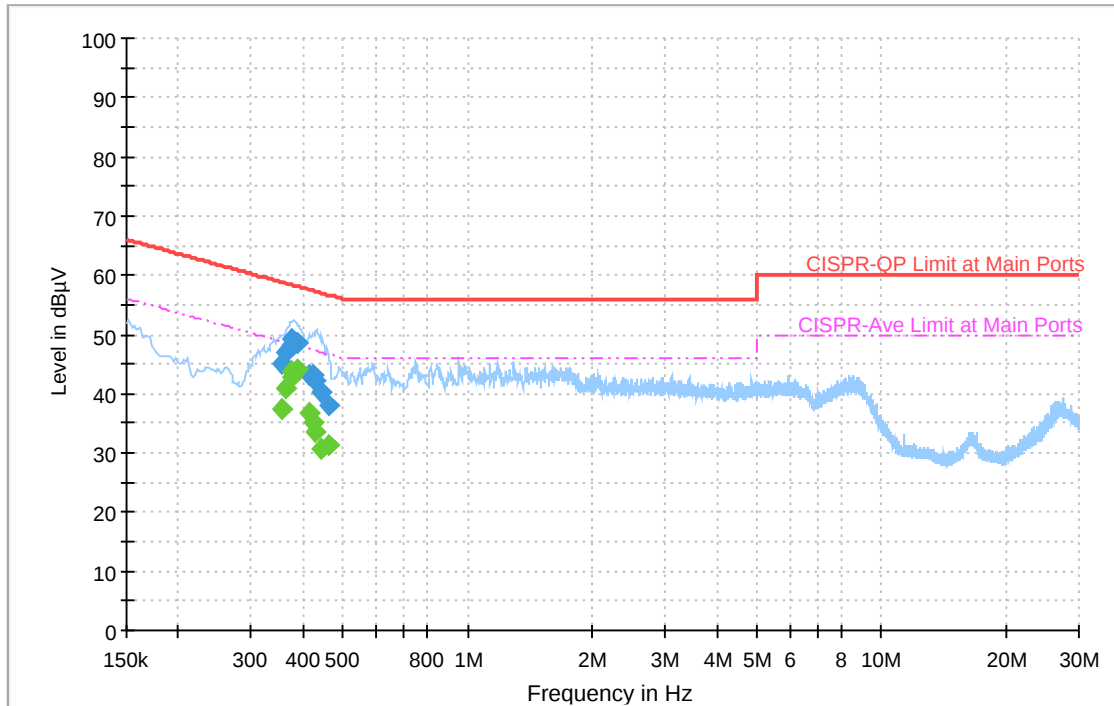
Test Engineer :	Yuan Lee	Temperature :	20.6~21.2℃
		Relative Humidity :	43.5~46.3%

EUT Information

Test Site Location :
Project
Power:

CO01-CA
231214001
120Vac/60Hz

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.356289	---	37.40	48.82	11.41	L1	OFF	20.3
0.356289	45.06	---	58.82	13.75	L1	OFF	20.3
0.365046	---	41.03	48.61	7.58	L1	OFF	20.3
0.365046	46.96	---	58.61	11.65	L1	OFF	20.3
0.375927	---	43.72	48.37	4.65	L1	OFF	20.3
0.375927	49.10	---	58.37	9.27	L1	OFF	20.3
0.377412	---	42.86	48.34	5.48	L1	OFF	20.3
0.377412	48.24	---	58.34	10.10	L1	OFF	20.3
0.389247	---	44.21	48.08	3.87	L1	OFF	20.3
0.389247	48.68	---	58.08	9.40	L1	OFF	20.3
0.414564	---	36.71	47.56	10.85	L1	OFF	20.3
0.414564	43.15	---	57.56	14.41	L1	OFF	20.3
0.421566	---	35.22	47.42	12.20	L1	OFF	20.3
0.421566	43.01	---	57.42	14.41	L1	OFF	20.3
0.428838	---	33.44	47.28	13.84	L1	OFF	20.3
0.428838	42.31	---	57.28	14.97	L1	OFF	20.3
0.441114	---	30.82	47.04	16.22	L1	OFF	20.3
0.441114	40.39	---	57.04	16.65	L1	OFF	20.3
0.459942	---	31.22	46.69	15.47	L1	OFF	20.3
0.459942	38.16	---	56.69	18.53	L1	OFF	20.3

EUT Information

Test Site Location :

CO01-CA

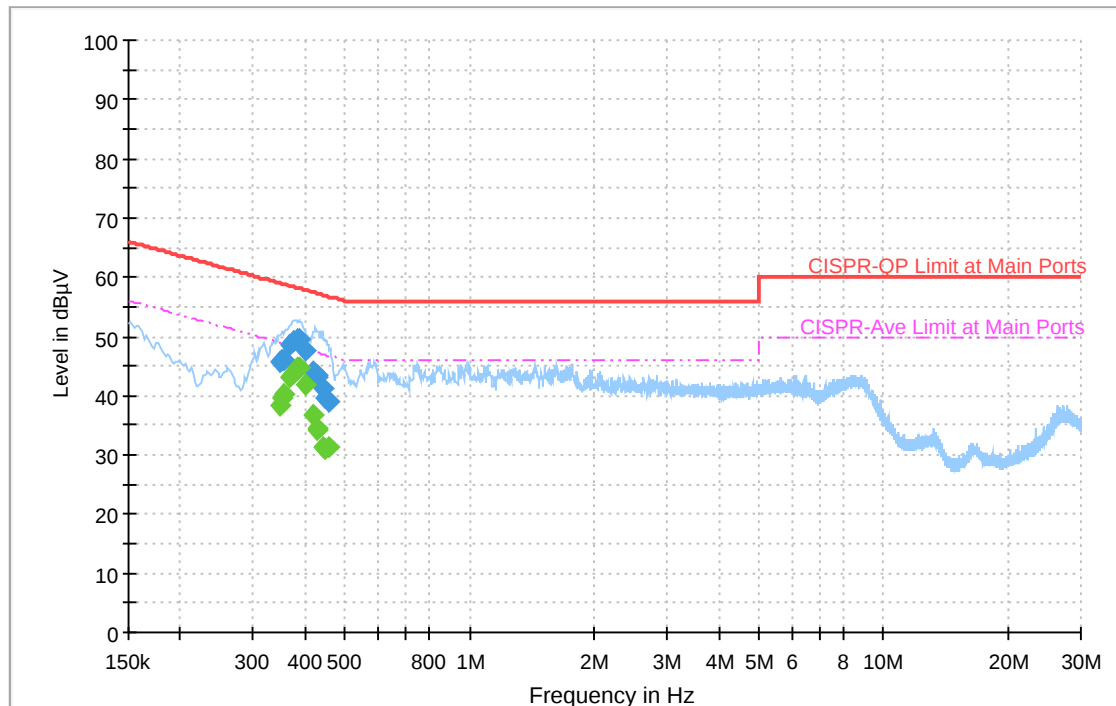
Project

231214001

Power:

120Vac/60Hz

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.348657	---	38.26	48.99	10.73	N	OFF	20.3
0.348657	45.84	---	58.99	13.15	N	OFF	20.3
0.353508	---	39.72	48.88	9.16	N	OFF	20.3
0.353508	45.91	---	58.88	12.97	N	OFF	20.3
0.354894	---	40.34	48.85	8.51	N	OFF	20.3
0.354894	46.14	---	58.85	12.71	N	OFF	20.3
0.368520	---	43.05	48.53	5.48	N	OFF	20.3
0.368520	48.56	---	58.53	9.97	N	OFF	20.3
0.375603	---	43.79	48.38	4.59	N	OFF	20.3
0.375603	49.25	---	58.38	9.13	N	OFF	20.3
0.382776	---	44.62	48.22	3.60	N	OFF	20.3
0.382776	49.47	---	58.22	8.75	N	OFF	20.3
0.388626	---	44.88	48.09	3.21	N	OFF	20.3
0.388626	49.49	---	58.09	8.60	N	OFF	20.3
0.400902	---	41.95	47.84	5.88	N	OFF	20.3
0.400902	47.55	---	57.84	10.28	N	OFF	20.3
0.417948	---	36.72	47.49	10.77	N	OFF	20.3
0.417948	44.22	---	57.49	13.27	N	OFF	20.3
0.426147	---	34.61	47.33	12.72	N	OFF	20.3
0.426147	43.35	---	57.33	13.98	N	OFF	20.3
0.426876	---	34.13	47.31	13.18	N	OFF	20.3

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.426876	43.02	---	57.31	14.29	N	OFF	20.3
0.441681	---	31.31	47.03	15.72	N	OFF	20.3
0.441681	41.16	---	57.03	15.87	N	OFF	20.3
0.445173	---	30.96	46.97	16.00	N	OFF	20.3
0.445173	39.77	---	56.97	17.19	N	OFF	20.3
0.456099	---	31.25	46.76	15.51	N	OFF	20.3
0.456099	38.99	---	56.76	17.77	N	OFF	20.3



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Fan	Temperature :	17.0~23.5°C
		Relative Humidity :	41.8~64.1%

<2x2 MIMO>

Band 1 - 5150~5250MHz
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 36 5180MHz		5148.72	62.53	-11.47	74	46.68	33.18	12.29	29.62	245	298	P	H
		5148.72	52.47	-1.53	54	36.62	33.18	12.29	29.62	245	298	A	H
	*	5180	117.87	-	-	102.05	33.13	12.31	29.62	245	298	P	H
	*	5180	110.04	-	-	94.22	33.13	12.31	29.62	245	298	A	H
													H
													H
		5144.3	59.32	-14.68	74	43.44	33.2	12.29	29.61	231	50	P	V
		5150	50.69	-3.31	54	34.84	33.18	12.29	29.62	231	50	A	V
	*	5180	115.99	-	-	100.17	33.13	12.31	29.62	231	50	P	V
	*	5180	108.59	-	-	92.77	33.13	12.31	29.62	231	50	A	V
													V
													V
802.11a CH 44 5220MHz		5140.14	56.98	-17.02	74	41.1	33.21	12.28	29.61	200	299	P	H
		5149.76	47.52	-6.48	54	31.67	33.18	12.29	29.62	200	299	A	H
	*	5220	118.46	-	-	102.65	33.08	12.36	29.63	200	299	P	H
	*	5220	111.28	-	-	95.47	33.08	12.36	29.63	200	299	A	H
		5415.48	55.81	-18.19	74	39.77	33.13	12.62	29.71	200	299	P	H
		5455.52	46.45	-7.55	54	30.38	33.11	12.67	29.71	200	299	A	H
		5133.12	57.48	-16.52	74	41.58	33.23	12.28	29.61	200	62	P	V
		5150	47.04	-6.96	54	31.19	33.18	12.29	29.62	200	62	A	V
	*	5220	117.18	-	-	101.37	33.08	12.36	29.63	200	62	P	V
	*	5220	110.07	-	-	94.26	33.08	12.36	29.63	200	62	A	V
		5439.84	56.37	-17.63	74	40.31	33.12	12.65	29.71	200	62	P	V
		5453	46.93	-7.07	54	30.85	33.12	12.67	29.71	200	62	A	V



802.11a CH 48 5240MHz		5124.54	58.29	-15.71	74	42.37	33.26	12.27	29.61	236	296	P	H
		5148.46	47.8	-6.2	54	31.95	33.18	12.29	29.62	236	296	A	H
	*	5240	119.04	-	-	103.25	33.05	12.38	29.64	236	296	P	H
	*	5240	112.86	-	-	97.07	33.05	12.38	29.64	236	296	A	H
		5409.04	56.7	-17.3	74	40.66	33.14	12.61	29.71	236	296	P	H
		5445.44	46.62	-7.38	54	30.55	33.12	12.66	29.71	236	296	A	H
		5134.16	57.15	-16.85	74	41.25	33.23	12.28	29.61	213	56	P	V
		5150	47.01	-6.99	54	31.16	33.18	12.29	29.62	213	56	A	V
	*	5240	118.49	-	-	102.7	33.05	12.38	29.64	213	56	P	V
	*	5240	111.54	-	-	95.75	33.05	12.38	29.64	213	56	A	V
		5442.08	57.85	-16.15	74	41.79	33.12	12.65	29.71	213	56	P	V
		5452.72	46.84	-7.16	54	30.76	33.12	12.67	29.71	213	56	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	47.15	-21.05	68.2	58.49	38.91	17.61	67.86	-	-	P	H
		15540	47.2	-26.8	74	54.32	38.03	21.64	66.79	-	-	P	H
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													H
													H
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													H
													H
													H
													H
		10360	46.91	-21.29	68.2	58.25	38.91	17.61	67.86	-	-	P	V
		15540	47.6	-26.4	74	54.72	38.03	21.64	66.79	-	-	P	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)
802.11a CH 44 5220MHz		10440	46.78	-21.42	68.2	57.84	38.92	17.67	67.65	-	-	P	H
		15660	47.4	-26.6	74	55.11	37.89	21.73	67.33	-	-	P	H
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													H
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													H
													H
		10440	46.77	-21.43	68.2	57.83	38.92	17.67	67.65	-	-	P	V
		15660	46.6	-27.4	74	54.31	37.89	21.73	67.33	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



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		5149.76	61.58	-12.42	74	45.73	33.18	12.29	29.62	244	298	P	H
		5150	53.13	-0.87	54	37.28	33.18	12.29	29.62	244	298	A	H
	*	5180	118.63	-	-	102.81	33.13	12.31	29.62	244	298	P	H
	*	5180	109.96	-	-	94.14	33.13	12.31	29.62	244	298	A	H
													H
													H
		5148.98	59.9	-14.1	74	44.05	33.18	12.29	29.62	306	54	P	V
		5150	50.98	-3.02	54	35.13	33.18	12.29	29.62	306	54	A	V
	*	5180	115.8	-	-	99.98	33.13	12.31	29.62	306	54	P	V
	*	5180	106.88	-	-	91.06	33.13	12.31	29.62	306	54	A	V
													V
													V
802.11be EHT20 Full CH 44 5220MHz		5104.26	57.07	-16.93	74	41.11	33.32	12.25	29.61	237	297	P	H
		5150	48.3	-5.7	54	32.45	33.18	12.29	29.62	237	297	A	H
	*	5220	119.91	-	-	104.1	33.08	12.36	29.63	237	297	P	H
	*	5220	112.75	-	-	96.94	33.08	12.36	29.63	237	297	A	H
		5400.08	57.48	-16.52	74	41.44	33.14	12.6	29.7	237	297	P	H
		5452.44	46.61	-7.39	54	30.53	33.12	12.67	29.71	237	297	A	H
		5141.96	57.4	-16.6	74	41.53	33.2	12.28	29.61	227	60	P	V
		5150	47.21	-6.79	54	31.36	33.18	12.29	29.62	227	60	A	V
	*	5220	117.3	-	-	101.49	33.08	12.36	29.63	227	60	P	V
	*	5220	110.37	-	-	94.56	33.08	12.36	29.63	227	60	A	V
		5434.24	57.29	-16.71	74	41.23	33.13	12.64	29.71	227	60	P	V
		5453	47.12	-6.88	54	31.04	33.12	12.67	29.71	227	60	A	V



802.11be EHT20 Full CH 48 5240MHz		5123.76	57.22	-16.78	74	41.3	33.26	12.27	29.61	234	292	P	H
		5149.24	47.61	-6.39	54	31.76	33.18	12.29	29.62	234	292	A	H
	*	5240	119.21	-	-	103.42	33.05	12.38	29.64	234	292	P	H
	*	5240	111.8	-	-	96.01	33.05	12.38	29.64	234	292	A	H
		5439.56	56.4	-17.6	74	40.34	33.12	12.65	29.71	234	292	P	H
		5453	46.25	-7.75	54	30.17	33.12	12.67	29.71	234	292	A	H
		5111.8	56.41	-17.59	74	40.47	33.29	12.26	29.61	225	276	P	V
		5149.24	47.14	-6.86	54	31.29	33.18	12.29	29.62	225	276	A	V
	*	5240	117.35	-	-	101.56	33.05	12.38	29.64	225	276	P	V
	*	5240	109.94	-	-	94.15	33.05	12.38	29.64	225	276	A	V
		5452.72	56.77	-17.23	74	40.69	33.12	12.67	29.71	225	276	P	V
		5456.08	46.44	-7.56	54	30.37	33.11	12.67	29.71	225	276	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)

[illegible]



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 44 5220MHz		10440	45.92	-22.28	68.2	56.98	38.92	17.67	67.65	-	-	P	H
		15660	46.75	-27.25	74	54.46	37.89	21.73	67.33	-	-	P	H
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		10440	47.34	-20.86	68.2	58.4	38.92	17.67	67.65	-	-	P	V
		15660	47.09	-26.91	74	54.8	37.89	21.73	67.33	-	-	P	V
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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 48 5240MHz		10480	47.84	-20.36	68.2	58.74	38.94	17.7	67.54	-	-	P	H
		15720	47.51	-26.49	74	55.92	37.72	21.77	67.9	-	-	P	H
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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		5147.42	62.38	-11.62	74	46.51	33.19	12.29	29.61	188	296	P	H
		5147.94	53.22	-0.78	54	37.36	33.19	12.29	29.62	188	296	A	H
	*	5190	113.68	-	-	97.86	33.12	12.32	29.62	188	296	P	H
	*	5190	106.59	-	-	90.77	33.12	12.32	29.62	188	296	A	H
		5442.08	55.38	-18.62	74	39.32	33.12	12.65	29.71	188	296	P	H
		5453	46.34	-7.66	54	30.26	33.12	12.67	29.71	188	296	A	H
		5145.86	58.27	-15.73	74	42.4	33.19	12.29	29.61	300	57	P	V
		5150	50.9	-3.1	54	35.05	33.18	12.29	29.62	300	57	A	V
	*	5190	112.21	-	-	96.39	33.12	12.32	29.62	300	57	P	V
	*	5190	104.18	-	-	88.36	33.12	12.32	29.62	300	57	A	V
		5413.24	56.34	-17.66	74	40.3	33.13	12.62	29.71	300	57	P	V
		5448.24	46.7	-7.3	54	30.63	33.12	12.66	29.71	300	57	A	V
802.11be EHT40 Full CH 46 5230MHz		5150	65.29	-8.71	74	49.44	33.18	12.29	29.62	299	306	P	H
		5150	53.39	-0.61	54	37.54	33.18	12.29	29.62	299	306	A	H
	*	5230	113.59	-	-	97.8	33.06	12.37	29.64	299	306	P	H
	*	5230	106.98	-	-	91.19	33.06	12.37	29.64	299	306	A	H
		5403.72	56.01	-17.99	74	39.97	33.14	12.6	29.7	299	306	P	H
		5452.72	46.56	-7.44	54	30.48	33.12	12.67	29.71	299	306	A	H
		5146.38	61.58	-12.42	74	45.71	33.19	12.29	29.61	384	49	P	V
		5149.5	51.98	-2.02	54	36.13	33.18	12.29	29.62	384	49	A	V
	*	5230	113.76	-	-	97.97	33.06	12.37	29.64	384	49	P	V
	*	5230	107.26	-	-	91.47	33.06	12.37	29.64	384	49	A	V
		5416.32	56.43	-17.57	74	40.39	33.13	12.62	29.71	384	49	P	V
		5452.72	46.27	-7.73	54	30.19	33.12	12.67	29.71	384	49	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)

[illegible]

[illegible]



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		5137.02	62.42	-11.58	74	46.53	33.22	12.28	29.61	299	304	P	H
		5138.84	53.03	-0.97	54	37.15	33.21	12.28	29.61	299	304	A	H
	*	5210	111.39	-	-	95.59	33.09	12.34	29.63	299	304	P	H
	*	5210	103.54	-	-	87.74	33.09	12.34	29.63	299	304	A	H
		5419.96	56.21	-17.79	74	40.17	33.13	12.62	29.71	299	304	P	H
		5452.72	46.56	-7.44	54	30.48	33.12	12.67	29.71	299	304	A	H
		5148.2	61.27	-12.73	74	45.41	33.19	12.29	29.62	300	285	P	V
		5150	52.53	-1.47	54	36.68	33.18	12.29	29.62	300	285	A	V
	*	5210	110.01	-	-	94.21	33.09	12.34	29.63	300	285	P	V
	*	5210	100.54	-	-	84.74	33.09	12.34	29.63	300	285	A	V
		5429.2	55.94	-18.06	74	39.88	33.13	12.64	29.71	300	285	P	V
		5447.4	46.47	-7.53	54	30.4	33.12	12.66	29.71	300	285	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)
802.11be EHT80 Full CH 42 5210MHz		10420	46.4	-21.8	68.2	57.54	38.91	17.65	67.7	-	-	P	H
		15630	47.55	-26.45	74	54.98	37.94	21.7	67.07	-	-	P	H
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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		5088.4	62.97	-11.03	74	47	33.33	12.24	29.6	311	45	P	H
		5128.52	53.68	-0.32	54	37.78	33.24	12.27	29.61	311	45	A	H
	*	5250	105.76	-	-	89.97	33.04	12.4	29.65	311	45	P	H
	*	5250	97.84	-	-	82.05	33.04	12.4	29.65	311	45	A	H
		5409.44	57.55	-16.45	74	41.51	33.14	12.61	29.71	311	45	P	H
		5427.36	48.74	-5.26	54	32.69	33.13	12.63	29.71	311	45	A	H
		5127.5	61.74	-12.26	74	45.83	33.25	12.27	29.61	300	287	P	V
		5130.22	52.63	-1.37	54	36.73	33.24	12.27	29.61	300	287	A	V
	*	5250	105.06	-	-	89.27	33.04	12.4	29.65	300	287	P	V
	*	5250	96.52	-	-	80.73	33.04	12.4	29.65	300	287	A	V
		5408.8	58.53	-15.47	74	42.49	33.14	12.61	29.71	300	287	P	V
		5446.88	49.33	-4.67	54	33.26	33.12	12.66	29.71	300	287	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	46.95	-21.25	68.2	57.77	38.95	17.71	67.48	-	-	P	H
		15750	47.92	-26.08	74	56.65	37.64	21.79	68.16	-	-	P	H
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		10500	47.83	-20.37	68.2	58.65	38.95	17.71	67.48	-	-	P	V
		15750	47.81	-26.19	74	56.54	37.64	21.79	68.16	-	-	P	V
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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		5132.6	56.84	-17.16	74	40.94	33.23	12.28	29.61	287	296	P	H
		5124.44	47.4	-6.6	54	31.48	33.26	12.27	29.61	287	296	A	H
	*	5260	117.81	-	-	102.01	33.04	12.41	29.65	287	296	P	H
	*	5260	110.18	-	-	94.38	33.04	12.41	29.65	287	296	A	H
		5400.72	56.32	-17.68	74	40.28	33.14	12.6	29.7	287	296	P	H
		5452.8	46.38	-7.62	54	30.3	33.12	12.67	29.71	287	296	A	H
		5141.44	55.85	-18.15	74	39.97	33.21	12.28	29.61	237	59	P	V
		5145.18	46.81	-7.19	54	30.94	33.19	12.29	29.61	237	59	A	V
	*	5260	117.09	-	-	101.29	33.04	12.41	29.65	237	59	P	V
	*	5260	108.89	-	-	93.09	33.04	12.41	29.65	237	59	A	V
		5409.12	57.22	-16.78	74	41.18	33.14	12.61	29.71	237	59	P	V
		5460	46.71	-7.29	54	30.64	33.1	12.68	29.71	237	59	A	V
802.11a CH 60 5300MHz		5130.56	57.83	-16.17	74	41.93	33.24	12.27	29.61	285	299	P	H
		5127.16	47.42	-6.58	54	31.51	33.25	12.27	29.61	285	299	A	H
	*	5300	118.52	-	-	102.68	33.04	12.47	29.67	285	299	P	H
	*	5300	110.18	-	-	94.34	33.04	12.47	29.67	285	299	A	H
		5397.6	57.39	-16.61	74	41.35	33.14	12.6	29.7	285	299	P	H
		5350.08	47.34	-6.66	54	31.42	33.09	12.53	29.7	285	299	A	H
		5119.34	56.35	-17.65	74	40.42	33.27	12.27	29.61	399	52	P	V
		5145.52	46.82	-7.18	54	30.95	33.19	12.29	29.61	399	52	A	V
	*	5300	117.25	-	-	101.41	33.04	12.47	29.67	399	52	P	V
	*	5300	109	-	-	93.16	33.04	12.47	29.67	399	52	A	V
		5456.64	57	-17	74	40.93	33.11	12.67	29.71	399	52	P	V
		5434.56	46.66	-7.34	54	30.6	33.13	12.64	29.71	399	52	A	V



802.11a CH 64 5320MHz	*	5320	117.57	-	-	101.7	33.06	12.49	29.68	238	301	P	H
	*	5320	110.53	-	-	94.66	33.06	12.49	29.68	238	301	A	H
		5351.08	61.7	-12.3	74	45.78	33.09	12.53	29.7	238	301	P	H
		5350.8	53.36	-0.64	54	37.44	33.09	12.53	29.7	238	301	A	H
													H
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	*	5320	115.5	-	-	99.63	33.06	12.49	29.68	300	47	P	V
	*	5320	108.3	-	-	92.43	33.06	12.49	29.68	300	47	A	V
		5351.08	60.57	-13.43	74	44.65	33.09	12.53	29.7	300	47	P	V
		5350.52	51.42	-2.58	54	35.5	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 802.11a (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	46.79	-21.41	68.2	57.53	38.97	17.73	67.44	-	-	P	H
		15780	47.5	-26.5	74	56.3	37.62	21.81	68.23	-	-	P	H
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		10520	47.96	-20.24	68.2	58.7	38.97	17.73	67.44	-	-	P	V
		15780	47.93	-26.07	74	56.73	37.62	21.81	68.23	-	-	P	V
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Report No. : FR231214001B

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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		5112.54	56.69	-17.31	74	40.75	33.29	12.26	29.61	244	291	P	H
		5126.82	47.42	-6.58	54	31.51	33.25	12.27	29.61	244	291	A	H
	*	5260	119.1	-	-	103.3	33.04	12.41	29.65	244	291	P	H
	*	5260	109.51	-	-	93.71	33.04	12.41	29.65	244	291	A	H
		5421.6	55.31	-18.69	74	39.26	33.13	12.63	29.71	244	291	P	H
		5446.8	46.21	-7.79	54	30.14	33.12	12.66	29.71	244	291	A	H
		5113.22	56.55	-17.45	74	40.61	33.29	12.26	29.61	235	60	P	V
		5145.52	46.87	-7.13	54	31	33.19	12.29	29.61	235	60	A	V
	*	5260	118.31	-	-	102.51	33.04	12.41	29.65	235	60	P	V
	*	5260	108.5	-	-	92.7	33.04	12.41	29.65	235	60	A	V
		5381.04	55.97	-18.03	74	39.98	33.12	12.57	29.7	235	60	P	V
		5457.36	46.75	-7.25	54	30.68	33.11	12.67	29.71	235	60	A	V
802.11be EHT20 Full CH 60 5300MHz		5130.22	57.44	-16.56	74	41.54	33.24	12.27	29.61	285	299	P	H
		5130.56	47.39	-6.61	54	31.49	33.24	12.27	29.61	285	299	A	H
	*	5300	118.47	-	-	102.63	33.04	12.47	29.67	285	299	P	H
	*	5300	109.69	-	-	93.85	33.04	12.47	29.67	285	299	A	H
		5368.08	58.29	-15.71	74	42.32	33.11	12.56	29.7	285	299	P	H
		5351.28	47.58	-6.42	54	31.66	33.09	12.53	29.7	285	299	A	H
		5149.26	56.51	-17.49	74	40.66	33.18	12.29	29.62	400	50	P	V
		5145.86	46.91	-7.09	54	31.04	33.19	12.29	29.61	400	50	A	V
	*	5300	116.64	-	-	100.8	33.04	12.47	29.67	400	50	P	V
	*	5300	108.46	-	-	92.62	33.04	12.47	29.67	400	50	A	V
		5436.96	56.16	-17.84	74	40.09	33.13	12.65	29.71	400	50	P	V
		5434.08	46.57	-7.43	54	30.51	33.13	12.64	29.71	400	50	A	V



802.11be EHT20 Full CH 64 5320MHz	*	5320	118.32	-	-	102.45	33.06	12.49	29.68	292	296	P	H
	*	5320	109.17	-	-	93.3	33.06	12.49	29.68	292	296	A	H
		5350.24	60.57	-13.43	74	44.65	33.09	12.53	29.7	292	296	P	H
		5350	52.3	-1.7	54	36.38	33.09	12.53	29.7	292	296	A	H
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	*	5320	115.64	-	-	99.77	33.06	12.49	29.68	100	288	P	V
	*	5320	107.55	-	-	91.68	33.06	12.49	29.68	100	288	A	V
		5351.08	61.68	-12.32	74	45.76	33.09	12.53	29.7	100	288	P	V
		5350	52.13	-1.87	54	36.21	33.09	12.53	29.7	100	288	A	V
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													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)

[illegible]

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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		5141.78	57.01	-16.99	74	41.14	33.2	12.28	29.61	297	300	P	H
		5149.94	48.29	-5.71	54	32.44	33.18	12.29	29.62	297	300	A	H
	*	5270	115.54	-	-	99.74	33.04	12.42	29.66	297	300	P	H
	*	5270	106.11	-	-	90.31	33.04	12.42	29.66	297	300	A	H
		5350.32	59.71	-14.29	74	43.79	33.09	12.53	29.7	297	300	P	H
		5350.08	50.72	-3.28	54	34.8	33.09	12.53	29.7	297	300	A	H
		5133.96	57.8	-16.2	74	41.9	33.23	12.28	29.61	100	290	P	V
		5149.94	47.94	-6.06	54	32.09	33.18	12.29	29.62	100	290	A	V
	*	5270	112.74	-	-	96.94	33.04	12.42	29.66	100	290	P	V
	*	5270	104.2	-	-	88.4	33.04	12.42	29.66	100	290	A	V
		5350.8	59.43	-14.57	74	43.51	33.09	12.53	29.7	100	290	P	V
		5350.08	50.51	-3.49	54	34.59	33.09	12.53	29.7	100	290	A	V
802.11be EHT40 Full CH 62 5310MHz		5105.4	64.24	-9.76	74	48.29	33.31	12.25	29.61	284	302	P	H
		5145.52	47.77	-6.23	54	31.9	33.19	12.29	29.61	284	302	A	H
	*	5310	115.25	-	-	99.4	33.05	12.48	29.68	284	302	P	H
	*	5310	106.14	-	-	90.29	33.05	12.48	29.68	284	302	A	H
		5358.48	64.18	-9.82	74	48.24	33.1	12.54	29.7	284	302	P	H
		5353.68	53.54	-0.46	54	37.61	33.09	12.54	29.7	284	302	A	H
		5146.88	56.01	-17.99	74	40.14	33.19	12.29	29.61	307	46	P	V
		5146.2	47.03	-6.97	54	31.16	33.19	12.29	29.61	307	46	A	V
	*	5310	114.92	-	-	99.07	33.05	12.48	29.68	307	46	P	V
	*	5310	106.12	-	-	90.27	33.05	12.48	29.68	307	46	A	V
		5355.04	60.49	-13.51	74	44.55	33.1	12.54	29.7	307	46	P	V
		5350	53.36	-0.64	54	37.44	33.09	12.53	29.7	307	46	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)

[illegible]

[illegible]



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		5146.54	64.07	-9.93	74	48.2	33.19	12.29	29.61	300	302	P	H
		5138.04	48.66	-5.34	54	32.77	33.22	12.28	29.61	300	302	A	H
	*	5290	111.57	-	-	95.75	33.04	12.45	29.67	300	302	P	H
	*	5290	101.98	-	-	86.16	33.04	12.45	29.67	300	302	A	H
		5417.04	62.75	-11.25	74	46.71	33.13	12.62	29.71	300	302	P	H
		5353.68	51.32	-2.68	54	35.39	33.09	12.54	29.7	300	302	A	H
		5108.46	64.04	-9.96	74	48.09	33.3	12.26	29.61	231	58	P	V
		5145.18	48.93	-5.07	54	33.06	33.19	12.29	29.61	231	58	A	V
	*	5290	111.01	-	-	95.19	33.04	12.45	29.67	231	58	P	V
	*	5290	101.61	-	-	85.79	33.04	12.45	29.67	231	58	A	V
		5457.12	63.89	-10.11	74	47.82	33.11	12.67	29.71	231	58	P	V
		5356.08	51.72	-2.28	54	35.78	33.1	12.54	29.7	231	58	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)

[illegible]



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		5458.16	62.04	-11.96	74	45.97	33.11	12.67	29.71	300	301	P	H
		5467.6	65.13	-3.07	68.2	49.07	33.09	12.68	29.71	300	301	P	H
		5457.52	49.66	-4.34	54	33.59	33.11	12.67	29.71	300	301	A	H
	*	5500	116.58	-	-	100.51	33.04	12.73	29.7	300	301	P	H
	*	5500	108.44	-	-	92.37	33.04	12.73	29.7	300	301	A	H
													H
		5459.92	62.67	-11.33	74	46.61	33.1	12.67	29.71	163	284	P	V
		5469.04	64.2	-4	68.2	48.13	33.09	12.69	29.71	163	284	P	V
		5459.92	50.53	-3.47	54	34.47	33.1	12.67	29.71	163	284	A	V
	*	5500	118.09	-	-	102.02	33.04	12.73	29.7	163	284	P	V
	*	5500	109.51	-	-	93.44	33.04	12.73	29.7	163	284	A	V
													V
802.11a CH 116 5580MHz		5418.88	56.64	-17.36	74	40.6	33.13	12.62	29.71	105	292	P	H
		5469.28	56.88	-11.32	68.2	40.81	33.09	12.69	29.71	105	292	P	H
		5459.92	46.46	-7.54	54	30.4	33.1	12.67	29.71	105	292	A	H
	*	5580	116.51	-	-	100.41	32.99	12.83	29.72	105	292	P	H
	*	5580	109.68	-	-	93.58	32.99	12.83	29.72	105	292	A	H
		5765	56.96	-11.24	68.2	39.79	33.85	13.01	29.69	105	292	P	H
		5448.88	56.74	-17.26	74	40.67	33.12	12.66	29.71	100	63	P	V
		5469.28	56.7	-11.5	68.2	40.63	33.09	12.69	29.71	100	63	P	V
		5458.72	46.86	-7.14	54	30.79	33.11	12.67	29.71	100	63	A	V
	*	5580	118.37	-	-	102.27	32.99	12.83	29.72	100	63	P	V
	*	5580	111.68	-	-	95.58	32.99	12.83	29.72	100	63	A	V
		5748.62	58.22	-9.98	68.2	41.15	33.77	12.99	29.69	100	63	P	V



802.11a CH 140 5700MHz	*	5700	114.84	-	-	98.16	33.44	12.94	29.7	298	68	P	H
	*	5700	107.68	-	-	91	33.44	12.94	29.7	298	68	A	H
		5729.96	63.68	-4.52	68.2	46.76	33.64	12.97	29.69	298	68	P	H
													H
													H
													H
	*	5700	115.49	-	-	98.81	33.44	12.94	29.7	392	61	P	V
	*	5700	109.37	-	-	92.69	33.44	12.94	29.7	392	61	A	V
		5725	63.79	-4.41	68.2	46.91	33.61	12.97	29.7	392	61	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)
802.11a CH 100 5500MHz		11000	46.81	-27.19	74	56.77	38.96	18.1	67.02	-	-	P	H
		16500	47.93	-20.27	68.2	54.66	38.27	22.39	67.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	47.54	-26.46	74	57.5	38.96	18.1	67.02	-	-	P	V
		16500	47.84	-20.36	68.2	54.57	38.27	22.39	67.39	-	-	P	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 116 5580MHz		11160	47.68	-26.32	74	57.82	38.89	18.23	67.26	-	-	P	H
		16740	47.56	-20.64	68.2	54.54	38.1	22.6	67.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	47.57	-26.43	74	57.71	38.89	18.23	67.26	-	-	P	V
		16740	47.84	-20.36	68.2	54.82	38.1	22.6	67.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]



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		5450.16	58.08	-15.92	74	42.01	33.12	12.66	29.71	299	301	P	H
		5469.52	63.27	-4.93	68.2	47.2	33.09	12.69	29.71	299	301	P	H
		5452.72	48.41	-5.59	54	32.33	33.12	12.67	29.71	299	301	A	H
	*	5500	116.76	-	-	100.69	33.04	12.73	29.7	299	301	P	H
	*	5500	107.34	-	-	91.27	33.04	12.73	29.7	299	301	A	H
													H
		5455.28	59.17	-14.83	74	43.1	33.11	12.67	29.71	200	61	P	V
		5470	61.93	-6.27	68.2	45.86	33.09	12.69	29.71	200	61	P	V
		5460	49.44	-4.56	54	33.37	33.1	12.68	29.71	200	61	A	V
	*	5500	116.21	-	-	100.14	33.04	12.73	29.7	200	61	P	V
	*	5500	107.44	-	-	91.37	33.04	12.73	29.7	200	61	A	V
													V
802.11be EHT20 Full CH 116 5580MHz		5405.44	57.37	-16.63	74	41.33	33.14	12.61	29.71	100	290	P	H
		5461.6	56.65	-11.55	68.2	40.58	33.1	12.68	29.71	100	290	P	H
		5452.96	46.8	-7.2	54	30.72	33.12	12.67	29.71	100	290	A	H
	*	5580	118	-	-	101.9	32.99	12.83	29.72	100	290	P	H
	*	5580	109.16	-	-	93.06	32.99	12.83	29.72	100	290	A	H
		5733.5	57.2	-11	68.2	40.24	33.67	12.98	29.69	100	290	P	H
		5433.52	58.28	-15.72	74	42.22	33.13	12.64	29.71	100	64	P	V
		5467.36	58.19	-10.01	68.2	42.13	33.09	12.68	29.71	100	64	P	V
		5459.44	47.06	-6.94	54	31	33.1	12.67	29.71	100	64	A	V
	*	5580	119.52	-	-	103.42	32.99	12.83	29.72	100	64	P	V
	*	5580	111.14	-	-	95.04	32.99	12.83	29.72	100	64	A	V
		5736.965	58.41	-9.79	68.2	41.43	33.69	12.98	29.69	100	64	P	V



802.11be EHT20 Full CH 140 5700MHz	*	5700	113.07	-	-	96.39	33.44	12.94	29.7	239	62	P	H
	*	5700	105.44	-	-	88.76	33.44	12.94	29.7	239	62	A	H
		5726.6	63.16	-5.04	68.2	46.27	33.62	12.97	29.7	239	62	P	H
													H
													H
													H
	*	5700	117.63	-	-	100.95	33.44	12.94	29.7	238	63	P	V
	*	5700	106.87	-	-	90.19	33.44	12.94	29.7	238	63	A	V
		5725.88	64.1	-4.1	68.2	47.21	33.62	12.97	29.7	238	63	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)

[illegible]



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 116 5580MHz		11160	47.53	-26.47	74	57.67	38.89	18.23	67.26	-	-	P	H
		16740	47.41	-20.79	68.2	54.39	38.1	22.6	67.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	47.71	-26.29	74	57.85	38.89	18.23	67.26	-	-	P	V
		16740	47.92	-20.28	68.2	54.9	38.1	22.6	67.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



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		5456.56	58.07	-15.93	74	42	33.11	12.67	29.71	182	287	P	V
		5468.56	67.34	-0.86	68.2	51.27	33.09	12.69	29.71	182	287	P	V
		5459.92	48.78	-5.22	54	32.72	33.1	12.67	29.71	182	287	A	V
	*	5510	112.79	-	-	96.72	33.03	12.74	29.7	182	287	P	V
	*	5510	104.25	-	-	88.18	33.03	12.74	29.7	182	287	A	V
		5754.605	56.73	-11.47	68.2	39.62	33.8	13	29.69	182	287	P	V
		5458.96	57.57	-16.43	74	41.5	33.11	12.67	29.71	200	305	P	H
		5469.04	65.34	-2.86	68.2	49.27	33.09	12.69	29.71	200	305	P	H
		5459.92	48.45	-5.55	54	32.39	33.1	12.67	29.71	200	305	A	H
	*	5510	112.3	-	-	96.23	33.03	12.74	29.7	200	305	P	H
	*	5510	103.57	-	-	87.5	33.03	12.74	29.7	200	305	A	H
		5750.51	56.4	-11.8	68.2	39.32	33.78	12.99	29.69	200	305	P	H
802.11be EHT40 Full CH 110 5550MHz		5406.16	57.7	-16.3	74	41.66	33.14	12.61	29.71	100	290	P	H
		5468.8	59.41	-8.79	68.2	43.34	33.09	12.69	29.71	100	290	P	H
		5459.68	48.52	-5.48	54	32.46	33.1	12.67	29.71	100	290	A	H
	*	5550	114.87	-	-	98.79	32.98	12.79	29.69	100	290	P	H
	*	5550	106.5	-	-	90.42	32.98	12.79	29.69	100	290	A	H
		5746.73	57.6	-10.6	68.2	40.54	33.76	12.99	29.69	100	290	P	H
		5456.08	58.84	-15.16	74	42.77	33.11	12.67	29.71	200	55	P	V
		5465.44	60.07	-8.13	68.2	44	33.1	12.68	29.71	200	55	P	V
		5452.72	48.82	-5.18	54	32.74	33.12	12.67	29.71	200	55	A	V
	*	5550	116.65	-	-	100.57	32.98	12.79	29.69	200	55	P	V
	*	5550	108.07	-	-	91.99	32.98	12.79	29.69	200	55	A	V
		5762.795	59.26	-8.94	68.2	42.11	33.84	13	29.69	200	55	P	V



802.11be EHT40 Full CH 134 5670MHz		5424.55	55.17	-18.83	74	39.12	33.13	12.63	29.71	141	0	P	H
		5467.25	54.94	-13.26	68.2	38.88	33.09	12.68	29.71	141	0	P	H
		5452.9	46.08	-7.92	54	30	33.12	12.67	29.71	141	0	A	H
	*	5670	114.37	-	-	97.9	33.26	12.92	29.71	141	0	P	H
	*	5670	105.7	-	-	89.23	33.26	12.92	29.71	141	0	A	H
		5729.3	61.76	-6.44	68.2	44.84	33.64	12.97	29.69	141	0	P	H
		5361.55	57.13	-16.87	74	41.18	33.1	12.55	29.7	218	61	P	V
		5468.65	56.13	-12.07	68.2	40.06	33.09	12.69	29.71	218	61	P	V
		5380.45	47.49	-6.51	54	31.5	33.12	12.57	29.7	218	61	A	V
	*	5670	117.87	-	-	101.4	33.26	12.92	29.71	218	61	P	V
	*	5670	108.75	-	-	92.28	33.26	12.92	29.71	218	61	A	V
		5729.3	65.77	-2.43	68.2	48.85	33.64	12.97	29.69	218	61	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)

[illegible]



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 110 5550MHz		11100	46.5	-27.5	74	56.64	38.82	18.18	67.14	-	-	P	H
		16650	47.9	-20.3	68.2	54.51	38.46	22.53	67.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11100	46.89	-27.11	74	57.03	38.82	18.18	67.14	-	-	P	V
		16650	48.87	-19.33	68.2	55.48	38.46	22.53	67.6	233	176	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



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		5458.72	62.45	-11.55	74	46.38	33.11	12.67	29.71	300	307	P	H
		5462.08	63.02	-5.18	68.2	46.95	33.1	12.68	29.71	300	307	P	H
		5459.68	52.9	-1.1	54	36.84	33.1	12.67	29.71	300	307	A	H
	*	5530	107.63	-	-	91.56	33	12.76	29.69	300	307	P	H
	*	5530	99.61	-	-	83.54	33	12.76	29.69	300	307	A	H
		5753.66	56.71	-11.49	68.2	39.6	33.8	13	29.69	300	307	P	H
		5452	62.47	-11.53	74	46.4	33.12	12.66	29.71	200	287	P	V
		5469.28	62.73	-5.47	68.2	46.66	33.09	12.69	29.71	200	287	P	V
		5452	52.38	-1.62	54	36.31	33.12	12.66	29.71	200	287	A	V
	*	5530	108.09	-	-	92.02	33	12.76	29.69	200	287	P	V
	*	5530	100.16	-	-	84.09	33	12.76	29.69	200	287	A	V
		5732.24	58.39	-9.81	68.2	41.44	33.66	12.98	29.69	200	287	P	V
802.11be EHT80 Full CH 122 5610MHz		5452.96	56.49	-17.51	74	40.41	33.12	12.67	29.71	142	360	P	H
		5462.84	57.03	-11.17	68.2	40.96	33.1	12.68	29.71	142	360	P	H
		5449.32	46.58	-7.42	54	30.51	33.12	12.66	29.71	142	360	A	H
	*	5610	109.78	-	-	93.62	33.03	12.86	29.73	142	360	P	H
	*	5610	102.15	-	-	85.99	33.03	12.86	29.73	142	360	A	H
		5747.675	60.28	-7.92	68.2	43.22	33.76	12.99	29.69	142	360	P	H
		5452.96	58.38	-15.62	74	42.3	33.12	12.67	29.71	215	63	P	V
		5467	57.73	-10.47	68.2	41.67	33.09	12.68	29.71	215	63	P	V
		5452.96	48.42	-5.58	54	32.34	33.12	12.67	29.71	215	63	A	V
	*	5610	114.84	-	-	98.68	33.03	12.86	29.73	215	63	P	V
	*	5610	105.36	-	-	89.2	33.03	12.86	29.73	215	63	A	V
		5732.555	64.62	-3.58	68.2	47.67	33.66	12.98	29.69	215	63	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)

[illegible]

[illegible]



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		5439.28	64.12	-9.88	74	48.06	33.12	12.65	29.71	287	304	P	H
		5465.32	61	-7.2	68.2	44.93	33.1	12.68	29.71	287	304	P	H
		5408.9	53.59	-0.41	54	37.55	33.14	12.61	29.71	287	304	A	H
	*	5570	104.71	-	-	88.62	32.99	12.81	29.71	287	304	P	H
	*	5570	96.9	-	-	80.81	32.99	12.81	29.71	287	304	A	H
		5734.13	60.76	-7.44	68.2	43.8	33.67	12.98	29.69	287	304	P	H
		5443.62	62.46	-11.54	74	46.4	33.12	12.65	29.71	400	52	P	V
		5465.94	60.09	-8.11	68.2	44.03	33.09	12.68	29.71	400	52	P	V
		5428.12	53.25	-0.75	54	37.19	33.13	12.64	29.71	400	52	A	V
	*	5570	105.83	-	-	89.74	32.99	12.81	29.71	400	52	P	V
	*	5570	97.48	-	-	81.39	32.99	12.81	29.71	400	52	A	V
		5749.25	61.73	-6.47	68.2	44.66	33.77	12.99	29.69	400	52	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)

[illegible]


Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5406.55	55.68	-18.32	74	39.64	33.14	12.61	29.71	150	359	P	H
		5465.05	55.29	-12.91	68.2	39.22	33.1	12.68	29.71	150	359	P	H
		5415.91	46.23	-7.77	54	30.19	33.13	12.62	29.71	150	359	A	H
	*	5720	115.97	-	-	99.13	33.58	12.96	29.7	150	359	P	H
	*	5720	109.41	-	-	92.57	33.58	12.96	29.7	150	359	A	H
		5898	56.69	-11.51	68.2	39	34.27	13.14	29.72	150	359	P	H
		5417.47	56.44	-17.56	74	40.4	33.13	12.62	29.71	356	55	P	V
		5461.15	54.46	-13.74	68.2	38.39	33.1	12.68	29.71	356	55	P	V
		5416.3	46.83	-7.17	54	30.79	33.13	12.62	29.71	356	55	A	V
	*	5720	118.84	-	-	102	33.58	12.96	29.7	356	55	P	V
	*	5720	112.15	-	-	95.31	33.58	12.96	29.7	356	55	A	V
		5868.1	58.37	-9.83	68.2	40.72	34.24	13.11	29.7	356	55	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	47.96	-26.04	74	57.29	39.07	18.44	66.84	-	-	P	H
		17160	47.97	-20.23	68.2	54.5	38.11	22.98	67.62	-	-	P	H
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		11440	47.48	-26.52	74	56.81	39.07	18.44	66.84	-	-	P	V
		17160	47.63	-20.57	68.2	54.16	38.11	22.98	67.62	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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		5400.7	57.38	-16.62	74	41.34	33.14	12.6	29.7	155	360	P	H
		5463.1	54.97	-13.23	68.2	38.9	33.1	12.68	29.71	155	360	P	H
		5452.96	46.2	-7.8	54	30.12	33.12	12.67	29.71	155	360	A	H
	*	5720	115.89	-	-	99.05	33.58	12.96	29.7	155	360	P	H
	*	5720	109.03	-	-	92.19	33.58	12.96	29.7	155	360	A	H
		5906.06	58.05	-10.15	68.2	40.36	34.26	13.15	29.72	155	360	P	H
		5439.7	55.77	-18.23	74	39.71	33.12	12.65	29.71	357	54	P	V
		5467	56.94	-11.26	68.2	40.88	33.09	12.68	29.71	357	54	P	V
		5407.33	46.86	-7.14	54	30.82	33.14	12.61	29.71	357	54	A	V
	*	5720	118.89	-	-	102.05	33.58	12.96	29.7	357	54	P	V
	*	5720	111.77	-	-	94.93	33.58	12.96	29.7	357	54	A	V
		5866.02	58.73	-9.47	68.2	41.08	34.24	13.11	29.7	357	54	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)
802.11be EHT20 Full CH 144 5720MHz		11440	47.57	-26.43	74	56.9	39.07	18.44	66.84	-	-	P	H
		17160	47.88	-20.32	68.2	54.41	38.11	22.98	67.62	-	-	P	H
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		11440	47.13	-26.87	74	56.46	39.07	18.44	66.84	-	-	P	V
		17160	47.88	-20.32	68.2	54.41	38.11	22.98	67.62	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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		5419.03	56.73	-17.27	74	40.69	33.13	12.62	29.71	127	360	P	H
		5469.73	54.96	-13.24	68.2	38.89	33.09	12.69	29.71	127	360	P	H
		5417.08	46.48	-7.52	54	30.44	33.13	12.62	29.71	127	360	A	H
	*	5710	113.34	-	-	96.58	33.51	12.95	29.7	127	360	P	H
	*	5710	105.9	-	-	89.14	33.51	12.95	29.7	127	360	A	H
		5911.52	57.13	-11.07	68.2	39.44	34.26	13.16	29.73	127	360	P	H
		5421.37	58.05	-15.95	74	42	33.13	12.63	29.71	216	65	P	V
		5467.78	56.2	-12	68.2	40.14	33.09	12.68	29.71	216	65	P	V
		5420.59	48.17	-5.83	54	32.12	33.13	12.63	29.71	216	65	A	V
	*	5710	116.16	-	-	99.4	33.51	12.95	29.7	216	65	P	V
	*	5710	108.93	-	-	92.17	33.51	12.95	29.7	216	65	A	V
		5944.28	57.78	-10.42	68.2	40.11	34.23	13.19	29.75	216	65	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)

[illegible]



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		5393.29	55.52	-18.48	74	39.5	33.13	12.59	29.7	345	58	P	H
		5468.17	55.34	-12.86	68.2	39.27	33.09	12.69	29.71	345	58	P	H
		5409.67	46.3	-7.7	54	30.26	33.14	12.61	29.71	345	58	A	H
	*	5690	109.73	-	-	93.11	33.38	12.94	29.7	345	58	P	H
	*	5690	102.19	-	-	85.57	33.38	12.94	29.7	345	58	A	H
		5853.28	59.57	-8.63	68.2	41.94	34.22	13.1	29.69	345	58	P	H
		5374.96	57.2	-16.8	74	41.22	33.11	12.57	29.7	345	57	P	V
		5467	55.38	-12.82	68.2	39.32	33.09	12.68	29.71	345	57	P	V
		5397.97	48.28	-5.72	54	32.24	33.14	12.6	29.7	345	57	A	V
	*	5690	113.98	-	-	97.36	33.38	12.94	29.7	345	57	P	V
	*	5690	106.28	-	-	89.66	33.38	12.94	29.7	345	57	A	V
		5851.2	60.08	-8.12	68.2	42.46	34.22	13.09	29.69	345	57	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)
802.11be EHT80 Full CH 138 5690MHz		11380	47.89	-26.11	74	57.39	39.19	18.4	67.09	-	-	P	H
		17070	47.95	-20.25	68.2	54.78	37.96	22.9	67.69	-	-	P	H
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		11380	47.94	-26.06	74	57.44	39.19	18.4	67.09	-	-	P	V
		17070	47.75	-20.45	68.2	54.58	37.96	22.9	67.69	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

WIFI 802.11be EHT160 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11be EHT160 Full SHF		39831.88	54.24	-19.76	74	36.32	43.34	26.29	51.71	-	-	P	H
		39831.88	44.07	-9.93	54	26.15	43.34	26.29	51.71	-	-	A	H
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Emission below 1GHz

WIFI 802.11be EHT160 Full (LF @ 3m)

[illegible]



<4x4 MIMO>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 1+3+4+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11a CH 36 5180MHz		5149.76	62.75	-11.25	74	46.95	33.13	12.29	29.62	303	316	P	H
		5150	52.69	-1.31	54	36.89	33.13	12.29	29.62	303	316	A	H
	*	5180	115.65	-	-	99.85	33.11	12.31	29.62	303	316	P	H
	*	5180	108.33	-	-	92.53	33.11	12.31	29.62	303	316	A	H
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		5149.76	61.96	-12.04	74	46.21	33.08	12.29	29.62	216	304	P	V
		5150	53.5	-0.5	54	37.75	33.08	12.29	29.62	216	304	A	V
	*	5180	115.97	-	-	100.19	33.09	12.31	29.62	216	304	P	V
	*	5180	109.82	-	-	94.04	33.09	12.31	29.62	216	304	A	V
													V
													V
802.11a CH 44 5220MHz		5147.68	58.76	-15.24	74	42.96	33.13	12.29	29.62	169	310	P	H
		5149.5	48.46	-5.54	54	32.66	33.13	12.29	29.62	169	310	A	H
	*	5220	122.89	-	-	107.06	33.1	12.36	29.63	169	310	P	H
	*	5220	116.56	-	-	100.73	33.1	12.36	29.63	169	310	A	H
		5366.76	56.05	-17.95	74	40.04	33.15	12.56	29.7	169	310	P	H
		5375.72	46.33	-7.67	54	30.31	33.15	12.57	29.7	169	310	A	H
		5069.94	58.45	-15.55	74	42.59	33.22	12.23	29.59	202	310	P	V
		5150	48.37	-5.63	54	32.62	33.08	12.29	29.62	202	310	A	V
	*	5220	119.91	-	-	104.06	33.12	12.36	29.63	202	310	P	V
	*	5220	115.57	-	-	99.72	33.12	12.36	29.63	202	310	A	V
		5366.48	56.8	-17.2	74	40.82	33.13	12.55	29.7	202	310	P	V
		5376.56	47.17	-6.83	54	31.17	33.13	12.57	29.7	202	310	A	V



802.11a CH 48 5240MHz		5127.92	57.19	-16.81	74	41.34	33.19	12.27	29.61	207	323	P	H
		5145.6	47.56	-6.44	54	31.74	33.14	12.29	29.61	207	323	A	H
	*	5240	122.06	-	-	106.21	33.11	12.38	29.64	207	323	P	H
	*	5240	115.99	-	-	100.14	33.11	12.38	29.64	207	323	A	H
		5425.56	55.81	-18.19	74	39.8	33.09	12.63	29.71	207	323	P	H
		5390.84	46.29	-7.71	54	30.26	33.14	12.59	29.7	207	323	A	H
		5092.3	59.4	-14.6	74	43.62	33.14	12.24	29.6	203	311	P	V
		5089.18	48.03	-5.97	54	32.24	33.15	12.24	29.6	203	311	A	V
	*	5240	120.81	-	-	104.92	33.15	12.38	29.64	203	311	P	V
	*	5240	115.25	-	-	99.36	33.15	12.38	29.64	203	311	A	V
		5398.4	55.82	-18.18	74	39.79	33.13	12.6	29.7	203	311	P	V
		5396.44	47.1	-6.9	54	31.07	33.13	12.6	29.7	203	311	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		10360	61.1	-7.1	68.2	72.63	38.72	17.61	67.86	224	54	P	H
		15540	49.55	-24.45	74	56.45	38.25	21.64	66.79	100	320	P	H
		15540	39.39	-14.61	54	46.29	38.25	21.64	66.79	100	320	A	H
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		10360	58.01	-10.19	68.2	69.55	38.71	17.61	67.86	195	44	P	V
		15540	48.39	-25.61	74	55.29	38.25	21.64	66.79	312	305	P	V
		15540	38.25	-15.75	54	45.15	38.25	21.64	66.79	312	305	A	V
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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 44 5220MHz		10440	65.4	-2.8	68.2	76.62	38.76	17.67	67.65	218	61	P	H
		15660	46.8	-27.2	74	54.5	37.9	21.73	67.33	-	-	P	H
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		10440	62.24	-5.96	68.2	73.47	38.75	17.67	67.65	199	44	P	V
		15660	47.04	-26.96	74	54.75	37.89	21.73	67.33	-	-	P	V
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[illegible]



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		5148.98	63.3	-10.7	74	47.5	33.13	12.29	29.62	286	318	P	H
		5150	53.24	-0.76	54	37.44	33.13	12.29	29.62	286	318	A	H
	*	5180	116.05	-	-	100.25	33.11	12.31	29.62	286	318	P	H
	*	5180	109.03	-	-	93.23	33.11	12.31	29.62	286	318	A	H
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		5149.76	62.11	-11.89	74	46.36	33.08	12.29	29.62	231	303	P	V
		5150	53.41	-0.59	54	37.66	33.08	12.29	29.62	231	303	A	V
	*	5180	117.29	-	-	101.51	33.09	12.31	29.62	231	303	P	V
	*	5180	110.9	-	-	95.12	33.09	12.31	29.62	231	303	A	V
													V
													V
802.11be EHT20 Full CH 44 5220MHz		5149.5	58.9	-15.1	74	43.1	33.13	12.29	29.62	163	308	P	H
		5148.46	49.01	-4.99	54	33.21	33.13	12.29	29.62	163	308	A	H
	*	5220	124.26	-	-	108.43	33.1	12.36	29.63	163	308	P	H
	*	5220	116.63	-	-	100.8	33.1	12.36	29.63	163	308	A	H
		5445.44	56.41	-17.59	74	40.4	33.06	12.66	29.71	163	308	P	H
		5459.44	46.48	-7.52	54	30.47	33.05	12.67	29.71	163	308	A	H
		5141.7	57.87	-16.13	74	42.12	33.08	12.28	29.61	214	310	P	V
		5150	49.14	-4.86	54	33.39	33.08	12.29	29.62	214	310	A	V
	*	5220	121.55	-	-	105.7	33.12	12.36	29.63	214	310	P	V
	*	5220	115.66	-	-	99.81	33.12	12.36	29.63	214	310	A	V
		5416.6	56.91	-17.09	74	40.87	33.13	12.62	29.71	214	310	P	V
		5377.68	46.99	-7.01	54	30.99	33.13	12.57	29.7	214	310	A	V



802.11be EHT20 Full CH 48 5240MHz		5094.9	57.3	-16.7	74	41.4	33.25	12.25	29.6	213	323	P	H
		5149.76	47.57	-6.43	54	31.77	33.13	12.29	29.62	213	323	A	H
	*	5240	121.97	-	-	106.12	33.11	12.38	29.64	213	323	P	H
	*	5240	115.73	-	-	99.88	33.11	12.38	29.64	213	323	A	H
		5379.36	56.57	-17.43	74	40.56	33.14	12.57	29.7	213	323	P	H
		5402.32	46.53	-7.47	54	30.5	33.13	12.6	29.7	213	323	A	H
		5143.52	56.69	-17.31	74	40.94	33.08	12.28	29.61	100	62	P	V
		5150	47.5	-6.5	54	31.75	33.08	12.29	29.62	100	62	A	V
	*	5240	122.84	-	-	106.95	33.15	12.38	29.64	100	62	P	V
	*	5240	115.12	-	-	99.23	33.15	12.38	29.64	100	62	A	V
		5457.76	57.48	-16.52	74	41.41	33.11	12.67	29.71	100	62	P	V
		5402.32	47.68	-6.32	54	31.65	33.13	12.6	29.7	100	62	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

[illegible]



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 44 5220MHz		10440	65	-3.2	68.2	76.22	38.76	17.67	67.65	226	53	P	H
		15660	47.94	-26.06	74	55.64	37.9	21.73	67.33	-	-	P	H
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		10440	60.7	-7.5	68.2	71.93	38.75	17.67	67.65	199	46	P	V
		15660	47.14	-26.86	74	54.85	37.89	21.73	67.33	-	-	P	V
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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 48 5240MHz		10480	65.07	-3.13	68.2	76.13	38.78	17.7	67.54	213	62	P	H
		15720	46.45	-27.55	74	54.84	37.74	21.77	67.9	-	-	P	H
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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	62.06	-11.94	74	46.26	33.13	12.29	29.62	213	304	P	H
		5150	53.8	-0.2	54	38	33.13	12.29	29.62	213	304	A	H
	*	5190	114.21	-	-	98.41	33.1	12.32	29.62	213	304	P	H
	*	5190	107.13	-	-	91.33	33.1	12.32	29.62	213	304	A	H
		5451.32	55.7	-18.3	74	39.7	33.05	12.66	29.71	213	304	P	H
		5444.32	46.11	-7.89	54	30.1	33.06	12.66	29.71	213	304	A	H
		5149.76	61.56	-12.44	74	45.81	33.08	12.29	29.62	384	56	P	V
		5150	52.31	-1.69	54	36.56	33.08	12.29	29.62	384	56	A	V
	*	5190	112.95	-	-	97.16	33.09	12.32	29.62	384	56	P	V
	*	5190	104.84	-	-	89.05	33.09	12.32	29.62	384	56	A	V
		5458.88	56.1	-17.9	74	40.03	33.11	12.67	29.71	384	56	P	V
		5434.8	46.55	-7.45	54	30.5	33.12	12.64	29.71	384	56	A	V
802.11be EHT40 Full CH 46 5230MHz		5148.98	63.18	-10.82	74	47.38	33.13	12.29	29.62	230	309	P	H
		5150	53.82	-0.18	54	38.02	33.13	12.29	29.62	230	309	A	H
	*	5230	119.12	-	-	103.28	33.11	12.37	29.64	230	309	P	H
	*	5230	111.37	-	-	95.53	33.11	12.37	29.64	230	309	A	H
		5353.6	55.86	-18.14	74	39.86	33.16	12.54	29.7	230	309	P	H
		5458.6	46.61	-7.39	54	30.6	33.05	12.67	29.71	230	309	A	H
		5149.5	62.26	-11.74	74	46.51	33.08	12.29	29.62	102	311	P	V
		5150	52.54	-1.46	54	36.79	33.08	12.29	29.62	102	311	A	V
	*	5230	116.44	-	-	100.57	33.14	12.37	29.64	102	311	P	V
	*	5230	110.32	-	-	94.45	33.14	12.37	29.64	102	311	A	V
		5372.08	56.85	-17.15	74	40.86	33.13	12.56	29.7	102	311	P	V
		5455.52	46.42	-7.58	54	30.35	33.11	12.67	29.71	102	311	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)

[illegible]

[illegible]


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		5130.26	60.75	-13.25	74	44.91	33.18	12.27	29.61	201	309	P	H
		5150	53.39	-0.61	54	37.59	33.13	12.29	29.62	201	309	A	H
	*	5210	111.18	-	-	95.37	33.1	12.34	29.63	201	309	P	H
	*	5210	104.79	-	-	88.98	33.1	12.34	29.63	201	309	A	H
		5417.72	55.42	-18.58	74	39.41	33.1	12.62	29.71	201	309	P	H
		5454.96	46.22	-7.78	54	30.21	33.05	12.67	29.71	201	309	A	H
		5145.86	58.63	-15.37	74	42.87	33.08	12.29	29.61	400	55	P	V
		5150	49.87	-4.13	54	34.12	33.08	12.29	29.62	400	55	A	V
	*	5210	109.45	-	-	93.63	33.11	12.34	29.63	400	55	P	V
	*	5210	102.16	-	-	86.34	33.11	12.34	29.63	400	55	A	V
		5381.88	56.64	-17.36	74	40.63	33.13	12.58	29.7	400	55	P	V
		5449.08	46.45	-7.55	54	30.38	33.12	12.66	29.71	400	55	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)

[illegible]


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		5147.22	62.49	-11.51	74	46.67	33.14	12.29	29.61	108	327	P	H
		5147.9	53.27	-0.73	54	37.47	33.13	12.29	29.62	108	327	A	H
	*	5250	107.15	-	-	91.28	33.12	12.4	29.65	108	327	P	H
	*	5250	100.45	-	-	84.58	33.12	12.4	29.65	108	327	A	H
		5393.44	60.2	-13.8	74	44.17	33.14	12.59	29.7	108	327	P	H
		5366.24	50.74	-3.26	54	34.74	33.15	12.55	29.7	108	327	A	H
		5116.28	61.08	-12.92	74	45.33	33.1	12.26	29.61	100	310	P	V
		5143.48	51.54	-2.46	54	35.79	33.08	12.28	29.61	100	310	A	V
	*	5250	108.34	-	-	92.43	33.16	12.4	29.65	100	310	P	V
	*	5250	100.01	-	-	84.1	33.16	12.4	29.65	100	310	A	V
		5402.4	62.49	-11.51	74	46.46	33.13	12.6	29.7	100	310	P	V
		5402.72	51.47	-2.53	54	35.44	33.13	12.6	29.7	100	310	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)

[illegible]



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		5119.34	58.35	-15.65	74	42.48	33.21	12.27	29.61	213	304	P	H
		5107.44	49.02	-4.98	54	33.13	33.24	12.26	29.61	213	304	A	H
	*	5260	122.49	-	-	106.61	33.12	12.41	29.65	213	304	P	H
	*	5260	115.74	-	-	99.86	33.12	12.41	29.65	213	304	A	H
		5385.12	57.92	-16.08	74	41.9	33.14	12.58	29.7	213	304	P	H
		5417.28	47.36	-6.64	54	31.34	33.11	12.62	29.71	213	304	A	H
		5141.44	57.54	-16.46	74	41.79	33.08	12.28	29.61	100	65	P	V
		5113.56	48.38	-5.62	54	32.62	33.11	12.26	29.61	100	65	A	V
	*	5260	122.29	-	-	106.38	33.15	12.41	29.65	100	65	P	V
	*	5260	114.18	-	-	98.27	33.15	12.41	29.65	100	65	A	V
		5410.32	57.91	-16.09	74	41.88	33.13	12.61	29.71	100	65	P	V
		5412	48.16	-5.84	54	32.12	33.13	12.62	29.71	100	65	A	V
802.11a CH 60 5300MHz		5055.08	57.92	-16.08	74	42.05	33.24	12.21	29.58	203	309	P	H
		5145.52	49.4	-4.6	54	33.58	33.14	12.29	29.61	203	309	A	H
	*	5300	123.66	-	-	107.71	33.15	12.47	29.67	203	309	P	H
	*	5300	114.84	-	-	98.89	33.15	12.47	29.67	203	309	A	H
		5355.6	57.34	-16.66	74	41.34	33.16	12.54	29.7	203	309	P	H
		5350.08	48.05	-5.95	54	32.06	33.16	12.53	29.7	203	309	A	H
		5148.92	57.61	-16.39	74	41.86	33.08	12.29	29.62	100	64	P	V
		5143.82	48.91	-5.09	54	33.15	33.08	12.29	29.61	100	64	A	V
	*	5300	121.51	-	-	105.6	33.11	12.47	29.67	100	64	P	V
	*	5300	113.91	-	-	98	33.11	12.47	29.67	100	64	A	V
		5450.88	58.53	-15.47	74	42.47	33.11	12.66	29.71	100	64	P	V
		5352.48	49.02	-4.98	54	33.06	33.12	12.54	29.7	100	64	A	V



802.11a CH 64 5320MHz	*	5320	120.13	-	-	104.17	33.15	12.49	29.68	398	311	P	H
	*	5320	114.34	-	-	98.38	33.15	12.49	29.68	398	311	A	H
		5351.68	62.5	-11.5	74	46.51	33.16	12.53	29.7	398	311	P	H
		5351.36	52.83	-1.17	54	36.84	33.16	12.53	29.7	398	311	A	H
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	*	5320	118.25	-	-	102.33	33.11	12.49	29.68	219	62	P	V
	*	5320	112.09	-	-	96.17	33.11	12.49	29.68	219	62	A	V
		5350.56	62.81	-11.19	74	46.86	33.12	12.53	29.7	219	62	P	V
		5350.08	53.47	-0.53	54	37.52	33.12	12.53	29.7	219	62	A	V
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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	64.68	-3.52	68.2	75.58	38.81	17.73	67.44	208	61	P	H
		15780	47.33	-26.67	74	56.1	37.65	21.81	68.23	-	-	P	H
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		10520	62.48	-5.72	68.2	73.35	38.84	17.73	67.44	400	0	P	V
		15780	47.78	-26.22	74	56.56	37.64	21.81	68.23	-	-	P	V
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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	64.13	-9.87	74	74.76	38.99	17.79	67.41	197	63	P	H
		10600	53.72	-0.28	54	64.35	38.99	17.79	67.41	197	63	A	H
		15900	47.6	-26.4	74	55.96	37.58	21.88	67.82	-	-	P	H
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		10600	57.99	-16.01	74	68.64	38.97	17.79	67.41	393	360	P	V
		10600	48.58	-5.42	54	59.23	38.97	17.79	67.41	393	360	A	V
		15900	46.9	-27.1	74	55.29	37.55	21.88	67.82	-	-	P	V
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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	62.59	-11.41	74	73.16	39.09	17.83	67.49	200	62	P	H
		10640	51.94	-2.06	54	62.51	39.09	17.83	67.49	200	62	A	H
		15960	47.22	-26.78	74	55.32	37.54	21.92	67.56	-	-	P	H
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		10640	58.19	-15.81	74	68.8	39.05	17.83	67.49	316	14	P	V
		10640	47.86	-6.14	54	58.47	39.05	17.83	67.49	316	14	A	V
		15960	46.93	-27.07	74	55.09	37.48	21.92	67.56	-	-	P	V
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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		5057.8	57.5	-16.5	74	41.62	33.24	12.22	29.58	201	303	P	H
		5107.44	48.78	-5.22	54	32.89	33.24	12.26	29.61	201	303	A	H
	*	5260	123.3	-	-	107.42	33.12	12.41	29.65	201	303	P	H
	*	5260	115.09	-	-	99.21	33.12	12.41	29.65	201	303	A	H
		5442.96	56.77	-17.23	74	40.77	33.06	12.65	29.71	201	303	P	H
		5350.08	47.08	-6.92	54	31.09	33.16	12.53	29.7	201	303	A	H
		5113.22	58.02	-15.98	74	42.26	33.11	12.26	29.61	100	59	P	V
		5114.92	48.45	-5.55	54	32.7	33.1	12.26	29.61	100	59	A	V
	*	5260	123.62	-	-	107.71	33.15	12.41	29.65	100	59	P	V
	*	5260	114	-	-	98.09	33.15	12.41	29.65	100	59	A	V
		5411.28	58.13	-15.87	74	42.1	33.13	12.61	29.71	100	59	P	V
		5422.32	48.14	-5.86	54	32.1	33.12	12.63	29.71	100	59	A	V
802.11be EHT20 Full CH 60 5300MHz		5146.88	57.9	-16.1	74	42.08	33.14	12.29	29.61	210	308	P	H
		5147.22	49.5	-4.5	54	33.68	33.14	12.29	29.61	210	308	A	H
	*	5300	123.78	-	-	107.83	33.15	12.47	29.67	210	308	P	H
	*	5300	114.82	-	-	98.87	33.15	12.47	29.67	210	308	A	H
		5355.36	57.89	-16.11	74	41.89	33.16	12.54	29.7	210	308	P	H
		5350.08	49.16	-4.84	54	33.17	33.16	12.53	29.7	210	308	A	H
		5139.4	57.68	-16.32	74	41.92	33.09	12.28	29.61	101	62	P	V
		5143.82	48.86	-5.14	54	33.1	33.08	12.29	29.61	101	62	A	V
	*	5300	122.91	-	-	107	33.11	12.47	29.67	101	62	P	V
	*	5300	113.83	-	-	97.92	33.11	12.47	29.67	101	62	A	V
		5352.24	61.4	-12.6	74	45.44	33.12	12.54	29.7	101	62	P	V
		5352.24	51.12	-2.88	54	35.16	33.12	12.54	29.7	101	62	A	V



802.11be EHT20 Full CH 64 5320MHz	*	5320	121.69	-	-	105.73	33.15	12.49	29.68	400	312	P	H
	*	5320	114.11	-	-	98.15	33.15	12.49	29.68	400	312	A	H
		5351.84	63.03	-10.97	74	47.04	33.16	12.53	29.7	400	312	P	H
		5352.16	53.09	-0.91	54	37.09	33.16	12.54	29.7	400	312	A	H
													H
													H
	*	5320	120.57	-	-	104.65	33.11	12.49	29.68	100	61	P	V
	*	5320	113.27	-	-	97.35	33.11	12.49	29.68	100	61	A	V
		5354.08	62.24	-11.76	74	46.28	33.12	12.54	29.7	100	61	P	V
		5352.48	53.21	-0.79	54	37.25	33.12	12.54	29.7	100	61	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

[illegible]



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 60 5300MHz		10600	61.72	-12.28	74	72.35	38.99	17.79	67.41	204	62	P	H
		10600	52.96	-1.04	54	63.59	38.99	17.79	67.41	204	62	A	H
		15900	46.58	-27.42	74	54.94	37.58	21.88	67.82	-	-	P	H
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		10600	60.26	-13.74	74	70.91	38.97	17.79	67.41	299	13	P	V
		10600	49.47	-4.53	54	60.12	38.97	17.79	67.41	299	13	A	V
		15900	47.58	-26.42	74	55.97	37.55	21.88	67.82	-	-	P	V
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[illegible]



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		5145.52	58.89	-15.11	74	43.07	33.14	12.29	29.61	206	310	P	H
		5149.26	49.98	-4.02	54	34.18	33.13	12.29	29.62	206	310	A	H
	*	5270	121.26	-	-	105.37	33.13	12.42	29.66	206	310	P	H
	*	5270	111.33	-	-	95.44	33.13	12.42	29.66	206	310	A	H
		5356.56	62.61	-11.39	74	46.62	33.15	12.54	29.7	206	310	P	H
		5355.6	53.41	-0.59	54	37.41	33.16	12.54	29.7	206	310	A	H
		5124.78	60.94	-13.06	74	45.18	33.1	12.27	29.61	100	303	P	V
		5149.94	50.33	-3.67	54	34.58	33.08	12.29	29.62	100	303	A	V
	*	5270	117.7	-	-	101.8	33.14	12.42	29.66	100	303	P	V
	*	5270	110.43	-	-	94.53	33.14	12.42	29.66	100	303	A	V
		5351.52	63.3	-10.7	74	47.35	33.12	12.53	29.7	100	303	P	V
		5350.32	53.89	-0.11	54	37.94	33.12	12.53	29.7	100	303	A	V
802.11be EHT40 Full CH 62 5310MHz		5146.54	56.73	-17.27	74	40.91	33.14	12.29	29.61	400	294	P	H
		5145.86	46.84	-7.16	54	31.02	33.14	12.29	29.61	400	294	A	H
	*	5310	112.44	-	-	96.49	33.15	12.48	29.68	400	294	P	H
	*	5310	104.2	-	-	88.25	33.15	12.48	29.68	400	294	A	H
		5357.76	61.8	-12.2	74	45.81	33.15	12.54	29.7	400	294	P	H
		5355.6	51.48	-2.52	54	35.48	33.16	12.54	29.7	400	294	A	H
		5092.82	57.2	-16.8	74	41.42	33.14	12.24	29.6	230	296	P	V
		5149.94	47.67	-6.33	54	31.92	33.08	12.29	29.62	230	296	A	V
	*	5310	113.31	-	-	97.4	33.11	12.48	29.68	230	296	P	V
	*	5310	105.23	-	-	89.32	33.11	12.48	29.68	230	296	A	V
		5351.28	61.98	-12.02	74	46.03	33.12	12.53	29.7	230	296	P	V
		5350.08	53.18	-0.82	54	37.23	33.12	12.53	29.7	230	296	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)

[illegible]

[illegible]



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		5120.36	57.59	-16.41	74	41.73	33.2	12.27	29.61	400	298	P	H
		5142.46	47.64	-6.36	54	31.82	33.15	12.28	29.61	400	298	A	H
	*	5290	109.61	-	-	93.69	33.14	12.45	29.67	400	298	P	H
	*	5290	101.56	-	-	85.64	33.14	12.45	29.67	400	298	A	H
		5356.56	61.39	-12.61	74	45.4	33.15	12.54	29.7	400	298	P	H
		5355.84	52.87	-1.13	54	36.87	33.16	12.54	29.7	400	298	A	H
		5064.94	57.4	-16.6	74	41.54	33.23	12.22	29.59	258	297	P	V
		5141.78	48.39	-5.61	54	32.64	33.08	12.28	29.61	258	297	A	V
	*	5290	112.44	-	-	96.54	33.12	12.45	29.67	258	297	P	V
	*	5290	102.24	-	-	86.34	33.12	12.45	29.67	258	297	A	V
		5359.92	61.58	-12.42	74	45.61	33.12	12.55	29.7	258	297	P	V
		5352.48	51.9	-2.1	54	35.94	33.12	12.54	29.7	258	297	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)

[illegible]



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		5459.76	62.03	-11.97	74	46.02	33.05	12.67	29.71	394	35	P	H
		5461.36	61.96	-6.24	68.2	45.94	33.05	12.68	29.71	394	35	P	H
		5459.92	51.63	-2.37	54	35.62	33.05	12.67	29.71	394	35	A	H
	*	5500	118.45	-	-	102.36	33.06	12.73	29.7	394	35	P	H
	*	5500	108.87	-	-	92.78	33.06	12.73	29.7	394	35	A	H
													H
		5459.44	63.9	-10.1	74	47.84	33.1	12.67	29.71	222	285	P	V
		5468.56	67.06	-1.14	68.2	50.99	33.09	12.69	29.71	222	285	P	V
		5460	53.61	-0.39	54	37.54	33.1	12.68	29.71	222	285	A	V
	*	5500	122.71	-	-	106.62	33.06	12.73	29.7	222	285	P	V
	*	5500	112.03	-	-	95.94	33.06	12.73	29.7	222	285	A	V
													V
802.11a CH 116 5580MHz		5431.84	56.21	-17.79	74	40.2	33.08	12.64	29.71	170	64	P	H
		5465.2	56.11	-12.09	68.2	40.09	33.05	12.68	29.71	170	64	P	H
		5433.52	46.98	-7.02	54	30.97	33.08	12.64	29.71	170	64	A	H
	*	5580	122.05	-	-	105.84	33.1	12.83	29.72	170	64	P	H
	*	5580	115.08	-	-	98.87	33.1	12.83	29.72	170	64	A	H
		5725.31	57.84	-10.36	68.2	40.88	33.69	12.97	29.7	170	64	P	H
		5419.12	57.27	-16.73	74	41.23	33.13	12.62	29.71	399	305	P	V
		5464.24	57	-11.2	68.2	40.93	33.1	12.68	29.71	399	305	P	V
		5422.72	48.34	-5.66	54	32.3	33.12	12.63	29.71	399	305	A	V
	*	5580	122.52	-	-	106.37	33.04	12.83	29.72	399	305	P	V
	*	5580	115.79	-	-	99.64	33.04	12.83	29.72	399	305	A	V
		5726.255	58.38	-9.82	68.2	41.42	33.69	12.97	29.7	399	305	P	V



802.11a CH 140 5700MHz	*	5700	119.81	-	-	103.04	33.53	12.94	29.7	210	67	P	H
	*	5700	112.69	-	-	95.92	33.53	12.94	29.7	210	67	A	H
		5725.32	66.69	-1.51	68.2	49.73	33.69	12.97	29.7	210	67	P	H
													H
													H
													H
	*	5700	123.7	-	-	106.92	33.54	12.94	29.7	216	63	P	V
	*	5700	116.41	-	-	99.63	33.54	12.94	29.7	216	63	A	V
		5725.96	67.31	-0.89	68.2	50.35	33.69	12.97	29.7	216	63	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)
802.11a CH 100 5500MHz		11000	57.39	-16.61	74	67.52	38.79	18.1	67.02	172	66	P	H
		11000	48.04	-5.96	54	58.17	38.79	18.1	67.02	172	66	A	H
		16500	47.69	-20.51	68.2	54.93	37.76	22.39	67.39	-	-	P	H
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													H
													H
		11000	52.52	-21.48	74	62.71	38.73	18.1	67.02	328	360	P	V
		11000	43.57	-10.43	54	53.76	38.73	18.1	67.02	328	360	A	V
		16500	47.42	-20.78	68.2	54.64	37.78	22.39	67.39	-	-	P	V
													V
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													V
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													V
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													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	57.67	-16.33	74	67.75	38.95	18.23	67.26	211	69	P	H
		11160	48.13	-5.87	54	58.21	38.95	18.23	67.26	211	69	A	H
		16740	46.71	-21.49	68.2	54.32	37.47	22.6	67.68	-	-	P	H
													H
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													H
													H
													H
													H
		11160	51.45	-22.55	74	61.53	38.95	18.23	67.26	341	360	P	V
		11160	42.31	-11.69	54	52.39	38.95	18.23	67.26	341	360	A	V
		16740	46.54	-21.66	68.2	54.14	37.48	22.6	67.68	-	-	P	V
													V
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													V
													V
													V
													V

[illegible]



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		5459.44	60.7	-13.3	74	44.69	33.05	12.67	29.71	215	326	P	H
		5460.24	61.74	-6.46	68.2	45.72	33.05	12.68	29.71	215	326	P	H
		5459.6	50.78	-3.22	54	34.77	33.05	12.67	29.71	215	326	A	H
	*	5500	117.86	-	-	101.77	33.06	12.73	29.7	215	326	P	H
	*	5500	109.27	-	-	93.18	33.06	12.73	29.7	215	326	A	H
													H
		5459.44	63.28	-10.72	74	47.22	33.1	12.67	29.71	100	299	P	V
		5460.24	64.44	-3.76	68.2	48.37	33.1	12.68	29.71	100	299	P	V
		5460	53.39	-0.61	54	37.32	33.1	12.68	29.71	100	299	A	V
	*	5500	121.15	-	-	105.06	33.06	12.73	29.7	100	299	P	V
	*	5500	111.57	-	-	95.48	33.06	12.73	29.7	100	299	A	V
													V
802.11be EHT20 Full CH 116 5580MHz		5418.88	57.26	-16.74	74	41.25	33.1	12.62	29.71	379	306	P	H
		5463.28	56.76	-11.44	68.2	40.74	33.05	12.68	29.71	379	306	P	H
		5432.08	47.56	-6.44	54	31.55	33.08	12.64	29.71	379	306	A	H
	*	5580	121.33	-	-	105.12	33.1	12.83	29.72	379	306	P	H
	*	5580	113.94	-	-	97.73	33.1	12.83	29.72	379	306	A	H
		5754.92	58.25	-9.95	68.2	41.08	33.86	13	29.69	379	306	P	H
		5429.2	58.48	-15.52	74	42.43	33.12	12.64	29.71	400	308	P	V
		5463.04	58.31	-9.89	68.2	42.24	33.1	12.68	29.71	400	308	P	V
		5421.76	48.22	-5.78	54	32.18	33.12	12.63	29.71	400	308	A	V
	*	5580	122.23	-	-	106.08	33.04	12.83	29.72	400	308	P	V
	*	5580	114.97	-	-	98.82	33.04	12.83	29.72	400	308	A	V
		5755.55	57.25	-10.95	68.2	40.09	33.85	13	29.69	400	308	P	V



802.11be EHT20 Full CH 140 5700MHz	*	5700	117.76	-	-	100.99	33.53	12.94	29.7	373	310	P	H
	*	5700	109.93	-	-	93.16	33.53	12.94	29.7	373	310	A	H
		5725.24	65.81	-2.39	68.2	48.85	33.69	12.97	29.7	373	310	P	H
													H
													H
													H
	*	5700	118.15	-	-	101.37	33.54	12.94	29.7	326	65	P	V
	*	5700	110.7	-	-	93.92	33.54	12.94	29.7	326	65	A	V
		5725.8	65.83	-2.37	68.2	48.87	33.69	12.97	29.7	326	65	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)
802.11be EHT20 Full CH 100 5500MHz		11000	55.64	-18.36	74	65.77	38.79	18.1	67.02	194	62	P	H
		11000	46.89	-7.11	54	57.02	38.79	18.1	67.02	194	62	A	H
		16500	47.94	-20.26	68.2	55.18	37.76	22.39	67.39	-	-	P	H
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		11000	53.58	-20.42	74	63.77	38.73	18.1	67.02	399	357	P	V
		11000	43.01	-10.99	54	53.2	38.73	18.1	67.02	399	357	A	V
		16500	47.86	-20.34	68.2	55.08	37.78	22.39	67.39	-	-	P	V
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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 116 5580MHz		11160	57.76	-16.24	74	67.84	38.95	18.23	67.26	205	69	P	H
		11160	48.12	-5.88	54	58.2	38.95	18.23	67.26	205	69	A	H
		16740	47.93	-20.27	68.2	55.54	37.47	22.6	67.68	-	-	P	H
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		11160	52.08	-21.92	74	62.16	38.95	18.23	67.26	203	340	P	V
		11160	41.6	-12.4	54	51.68	38.95	18.23	67.26	203	340	A	V
		16740	47.5	-20.7	68.2	55.1	37.48	22.6	67.68	-	-	P	V
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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		5457.52	60.46	-13.54	74	44.45	33.05	12.67	29.71	400	294	P	H
		5468.56	62.61	-5.59	68.2	46.57	33.06	12.69	29.71	400	294	P	H
		5456.56	50.52	-3.48	54	34.51	33.05	12.67	29.71	400	294	A	H
	*	5510	116.57	-	-	100.47	33.06	12.74	29.7	400	294	P	H
	*	5510	108.29	-	-	92.19	33.06	12.74	29.7	400	294	A	H
		5743.265	57.1	-11.1	68.2	40	33.8	12.99	29.69	400	294	P	H
		5459.68	63.32	-10.68	74	47.26	33.1	12.67	29.71	230	56	P	V
		5460.4	65.87	-2.33	68.2	49.8	33.1	12.68	29.71	230	56	P	V
		5459.92	53.62	-0.38	54	37.56	33.1	12.67	29.71	230	56	A	V
	*	5510	117.63	-	-	101.53	33.06	12.74	29.7	230	56	P	V
	*	5510	109.54	-	-	93.44	33.06	12.74	29.7	230	56	A	V
		5744.525	59.33	-8.87	68.2	42.23	33.8	12.99	29.69	230	56	P	V
802.11be EHT40 Full CH 110 5550MHz		5457.52	58.81	-15.19	74	42.8	33.05	12.67	29.71	212	65	P	H
		5459.92	58.76	-15.24	74	42.75	33.05	12.67	29.71	212	65	P	H
		5458.48	48.91	-5.09	54	32.9	33.05	12.67	29.71	212	65	A	H
	*	5550	123.02	-	-	106.88	33.04	12.79	29.69	212	65	P	H
	*	5550	112.28	-	-	96.14	33.04	12.79	29.69	212	65	A	H
		5739.8	58.07	-10.13	68.2	41.01	33.77	12.98	29.69	212	65	P	H
		5456.32	58.82	-15.18	74	42.75	33.11	12.67	29.71	400	306	P	V
		5465.68	61.06	-7.14	68.2	44.99	33.1	12.68	29.71	400	306	P	V
		5444.56	49.13	-4.87	54	33.06	33.12	12.66	29.71	400	306	A	V
	*	5550	119.8	-	-	103.65	33.05	12.79	29.69	400	306	P	V
	*	5550	112.26	-	-	96.11	33.05	12.79	29.69	400	306	A	V
		5758.7	57.97	-10.23	68.2	40.79	33.87	13	29.69	400	306	P	V



802.11be EHT40 Full CH 134 5670MHz		5440.65	55.85	-18.15	74	39.84	33.07	12.65	29.71	173	73	P	H
		5462.35	55.91	-12.29	68.2	39.89	33.05	12.68	29.71	173	73	P	H
		5457.1	46.47	-7.53	54	30.46	33.05	12.67	29.71	173	73	A	H
	*	5670	116.75	-	-	100.16	33.38	12.92	29.71	173	73	P	H
	*	5670	109.53	-	-	92.94	33.38	12.92	29.71	173	73	A	H
		5725	62.67	-5.53	68.2	45.72	33.68	12.97	29.7	173	73	P	H
		5415.8	56.93	-17.07	74	40.89	33.13	12.62	29.71	229	69	P	V
		5467.6	56.13	-12.07	68.2	40.06	33.1	12.68	29.71	229	69	P	V
		5444.5	47.95	-6.05	54	31.88	33.12	12.66	29.71	229	69	A	V
	*	5670	119.3	-	-	102.71	33.38	12.92	29.71	229	69	P	V
	*	5670	111.96	-	-	95.37	33.38	12.92	29.71	229	69	A	V
		5726.85	67.51	-0.69	68.2	50.55	33.69	12.97	29.7	229	69	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)

[illegible]



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 110 5550MHz		11100	52.97	-21.03	74	63.13	38.8	18.18	67.14	187	70	P	H
		11100	44.76	-9.24	54	54.92	38.8	18.18	67.14	187	70	A	H
		16650	47.63	-20.57	68.2	55.01	37.69	22.53	67.6	-	-	P	H
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		11100	47.65	-26.35	74	57.73	38.88	18.18	67.14	-	-	P	V
		16650	47.16	-21.04	68.2	54.55	37.68	22.53	67.6	-	-	P	V
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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		5454.16	61.65	-12.35	74	45.64	33.05	12.67	29.71	400	296	P	H
		5464.48	59.74	-8.46	68.2	43.72	33.05	12.68	29.71	400	296	P	H
		5455.6	52.56	-1.44	54	36.55	33.05	12.67	29.71	400	296	A	H
	*	5530	112.45	-	-	96.33	33.05	12.76	29.69	400	296	P	H
	*	5530	104.11	-	-	87.99	33.05	12.76	29.69	400	296	A	H
		5736.965	57.08	-11.12	68.2	40.03	33.76	12.98	29.69	400	296	P	H
		5457.28	63.04	-10.96	74	46.97	33.11	12.67	29.71	193	59	P	V
		5467.36	63.04	-5.16	68.2	46.97	33.1	12.68	29.71	193	59	P	V
		5459.44	53.53	-0.47	54	37.47	33.1	12.67	29.71	193	59	A	V
	*	5530	112.95	-	-	96.83	33.05	12.76	29.69	193	59	P	V
	*	5530	104.71	-	-	88.59	33.05	12.76	29.69	193	59	A	V
		5743.895	58.63	-9.57	68.2	41.54	33.79	12.99	29.69	193	59	P	V
802.11be EHT80 Full CH 122 5610MHz		5459.2	57.97	-16.03	74	41.96	33.05	12.67	29.71	210	69	P	H
		5470.12	57.19	-92.81	150	41.15	33.06	12.69	29.71	210	69	P	H
		5459.46	47.88	-6.12	54	31.87	33.05	12.67	29.71	210	69	A	H
	*	5610	115.75	-	-	99.45	33.17	12.86	29.73	210	69	P	H
	*	5610	107.43	-	-	91.13	33.17	12.86	29.73	210	69	A	H
		5763.74	61.84	-6.36	68.2	44.62	33.9	13.01	29.69	210	69	P	H
		5440.48	59.22	-14.78	74	43.16	33.12	12.65	29.71	233	65	P	V
		5468.56	60.07	-8.13	68.2	44	33.09	12.69	29.71	233	65	P	V
		5459.46	50.07	-3.93	54	34.01	33.1	12.67	29.71	233	65	A	V
	*	5610	118.16	-	-	101.94	33.09	12.86	29.73	233	65	P	V
	*	5610	109.56	-	-	93.34	33.09	12.86	29.73	233	65	A	V
		5728.145	64.53	-3.67	68.2	47.56	33.7	12.97	29.7	233	65	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)

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[illegible]



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		5453.54	62.31	-11.69	74	46.3	33.05	12.67	29.71	400	293	P	H
		5464.7	59.56	-8.64	68.2	43.54	33.05	12.68	29.71	400	293	P	H
		5455.71	53.89	-0.11	54	37.88	33.05	12.67	29.71	400	293	A	H
	*	5570	108.38	-	-	92.2	33.08	12.81	29.71	400	293	P	H
	*	5570	100.72	-	-	84.54	33.08	12.81	29.71	400	293	A	H
		5727.83	63.97	-4.23	68.2	47	33.7	12.97	29.7	400	293	P	H
		5458.5	61.82	-12.18	74	45.75	33.11	12.67	29.71	200	58	P	V
		5466.87	60.44	-7.76	68.2	44.37	33.1	12.68	29.71	200	58	P	V
		5438.66	53.55	-0.45	54	37.49	33.12	12.65	29.71	200	58	A	V
	*	5570	109.91	-	-	93.76	33.05	12.81	29.71	200	58	P	V
	*	5570	102.05	-	-	85.9	33.05	12.81	29.71	200	58	A	V
		5732.87	64.14	-4.06	68.2	47.12	33.73	12.98	29.69	200	58	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		11140	47.91	-26.09	74	58	38.91	18.21	67.21	-	-	P	H
		16710	47.43	-20.77	68.2	54.97	37.55	22.58	67.67	-	-	P	H
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		11140	47.89	-26.11	74	57.96	38.93	18.21	67.21	-	-	P	V
		16710	47.29	-20.91	68.2	54.82	37.56	22.58	67.67	-	-	P	V
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Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+3+4+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5420.2	57.86	-16.14	74	41.84	33.1	12.63	29.71	306	305	P	H
		5459.98	54.86	-19.14	74	38.85	33.05	12.67	29.71	306	305	P	H
		5420.59	47.56	-6.44	54	31.54	33.1	12.63	29.71	306	305	A	H
	*	5720	120.98	-	-	104.07	33.65	12.96	29.7	306	305	P	H
	*	5720	114.02	-	-	97.11	33.65	12.96	29.7	306	305	A	H
		5931.54	58.36	-9.84	68.2	40.57	34.35	13.18	29.74	306	305	P	H
		5452.57	56.48	-17.52	74	40.41	33.11	12.67	29.71	218	289	P	V
		5468.95	55.42	-12.78	68.2	39.35	33.09	12.69	29.71	218	289	P	V
		5410.06	48.54	-5.46	54	32.51	33.13	12.61	29.71	218	289	A	V
	*	5720	122.57	-	-	105.66	33.65	12.96	29.7	218	289	P	V
	*	5720	116.22	-	-	99.31	33.65	12.96	29.7	218	289	A	V
		5948.18	58.95	-9.25	68.2	41.19	34.31	13.2	29.75	218	289	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)

[illegible]



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		5420.98	56.68	-17.32	74	40.66	33.1	12.63	29.71	303	304	P	H
		5462.32	55.85	-12.35	68.2	39.83	33.05	12.68	29.71	303	304	P	H
		5421.76	47.64	-6.36	54	31.62	33.1	12.63	29.71	303	304	A	H
	*	5720	119.97	-	-	103.06	33.65	12.96	29.7	303	304	P	H
	*	5720	113.08	-	-	96.17	33.65	12.96	29.7	303	304	A	H
		5862.38	58.06	-10.14	68.2	40.37	34.27	13.11	29.69	303	304	P	H
		5449.45	56.34	-17.66	74	40.27	33.12	12.66	29.71	301	65	P	V
		5467	55.7	-12.5	68.2	39.63	33.1	12.68	29.71	301	65	P	V
		5414.74	48.18	-5.82	54	32.14	33.13	12.62	29.71	301	65	A	V
	*	5720	122.6	-	-	105.69	33.65	12.96	29.7	301	65	P	V
	*	5720	114.84	-	-	97.93	33.65	12.96	29.7	301	65	A	V
		5852.5	58.18	-10.02	68.2	40.49	34.28	13.1	29.69	301	65	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)

[illegible]



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		5405.77	56.92	-17.08	74	40.9	33.12	12.61	29.71	375	295	P	H
		5461.15	55.38	-12.82	68.2	39.36	33.05	12.68	29.71	375	295	P	H
		5406.55	47.21	-6.79	54	31.19	33.12	12.61	29.71	375	295	A	H
	*	5710	119.39	-	-	102.55	33.59	12.95	29.7	375	295	P	H
	*	5710	111.7	-	-	94.86	33.59	12.95	29.7	375	295	A	H
		5859.78	58.34	-9.86	68.2	40.67	34.26	13.1	29.69	375	295	P	H
		5413.96	56.72	-17.28	74	40.68	33.13	12.62	29.71	303	64	P	V
		5468.17	55.62	-12.58	68.2	39.55	33.09	12.69	29.71	303	64	P	V
		5413.96	47.95	-6.05	54	31.91	33.13	12.62	29.71	303	64	A	V
	*	5710	120.03	-	-	103.18	33.6	12.95	29.7	303	64	P	V
	*	5710	112.19	-	-	95.34	33.6	12.95	29.7	303	64	A	V
		5855.88	58.76	-9.44	68.2	41.06	34.29	13.1	29.69	303	64	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)

[illegible]



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		5404.21	57.05	-16.95	74	41.01	33.13	12.61	29.7	219	66	P	H
		5464.27	56.33	-11.87	68.2	40.31	33.05	12.68	29.71	219	66	P	H
		5410.45	46.88	-7.12	54	30.86	33.12	12.61	29.71	219	66	A	H
	*	5690	114.56	-	-	97.84	33.48	12.94	29.7	219	66	P	H
	*	5690	106.42	-	-	89.7	33.48	12.94	29.7	219	66	A	H
		5856.66	60.49	-7.71	68.2	42.83	34.25	13.1	29.69	219	66	P	H
		5405.77	57.82	-16.18	74	41.79	33.13	12.61	29.71	200	287	P	V
		5459.98	56.36	-17.64	74	40.3	33.1	12.67	29.71	200	287	P	V
		5396.02	48.23	-5.77	54	32.21	33.13	12.59	29.7	200	287	A	V
	*	5690	115.99	-	-	99.26	33.49	12.94	29.7	200	287	P	V
	*	5690	108.95	-	-	92.22	33.49	12.94	29.7	200	287	A	V
		5854.06	60.85	-7.35	68.2	43.15	34.29	13.1	29.69	200	287	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)

[illegible]

Emission above 18GHz

WIFI 802.11be EHT160 Full (SHF @ 1m)

[illegible]

Emission below 1GHz

WIFI 802.11be EHT160 Full (LF @ 3m)

[illegible]

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+3+4+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 36		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
5180MHz													

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

For Peak Limit @ 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. Over Limit(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. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jesse Fan	Temperature :	17.0~23.5°C
		Relative Humidity :	41.8~64.1%

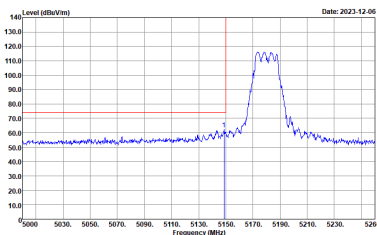
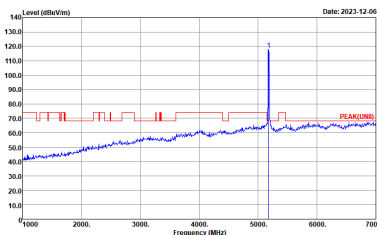
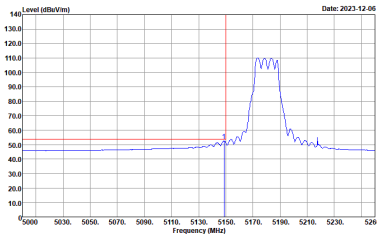
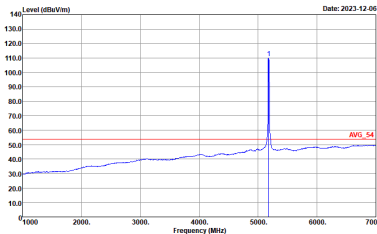
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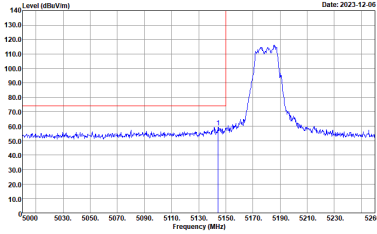
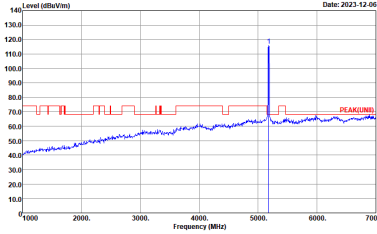
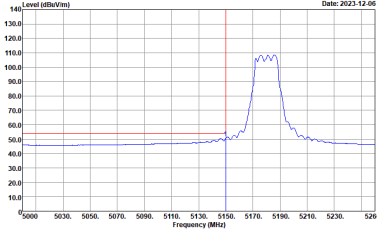
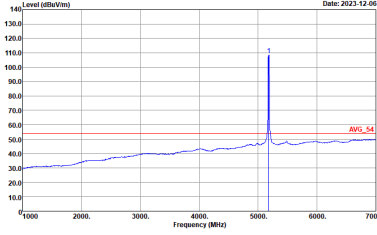
-L	Low channel location
-R	High channel location



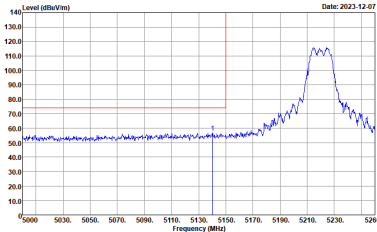
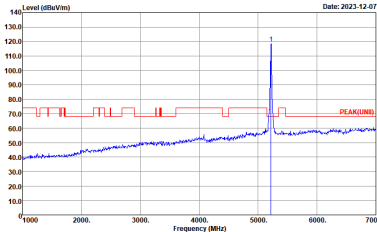
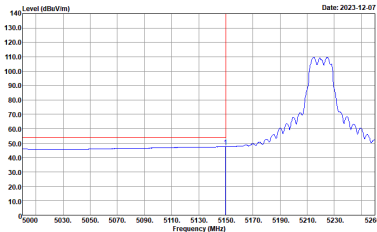
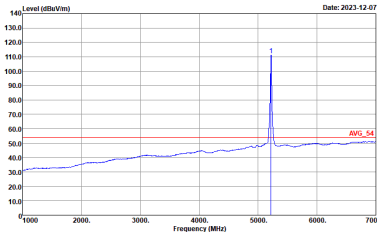
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Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

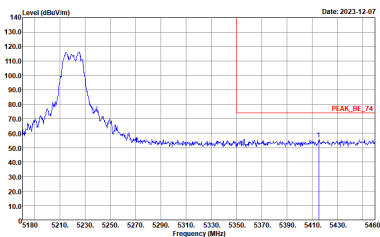
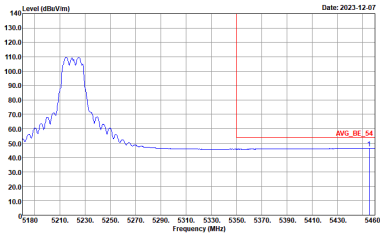
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ANT	802.11a CH36 5180MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(FUN1) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

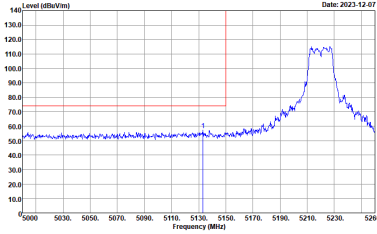
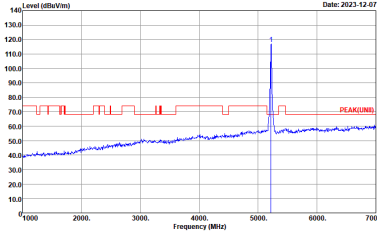
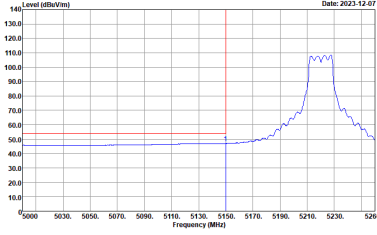
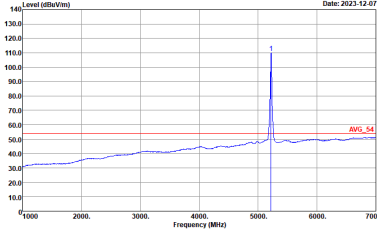


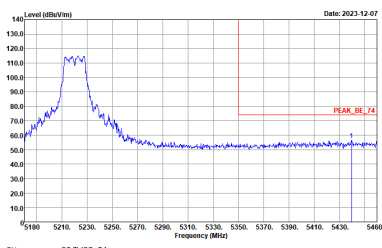
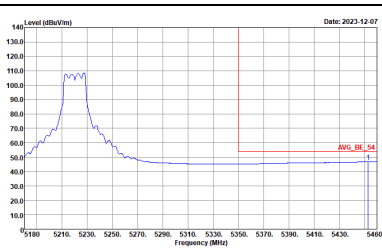
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



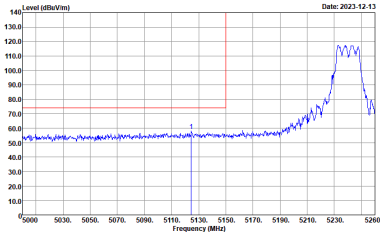
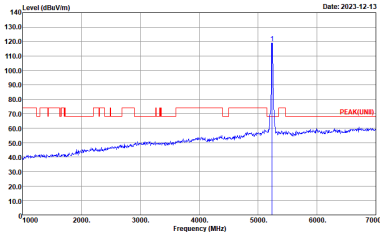
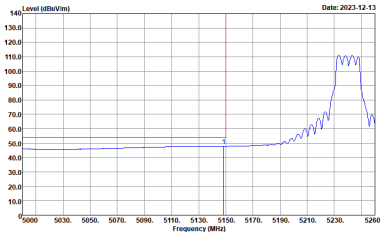
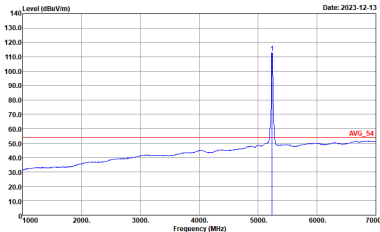
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



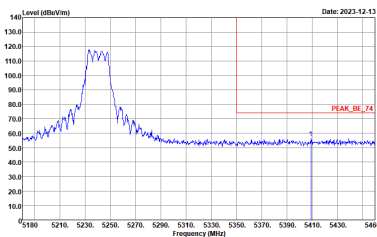
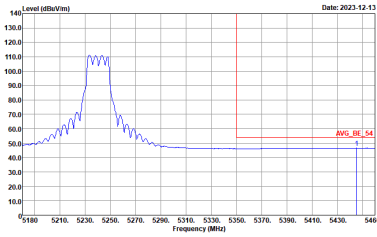
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 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	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	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_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 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	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	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_8E_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_8E_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto