



FCC RADIO TEST REPORT

FCC ID : S9GT670SN
Equipment : T670sn Access Point
Brand Name : RUCKUS
Model Name : T670sn
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 Jun. 12, 2024 and testing was performed from Jul. 24, 2024 to Feb. 27, 2025. 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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	8
1.3 Testing Location	8
1.4 Applicable Standards.....	8
2 Test Configuration of Equipment Under Test	9
2.1 Carrier Frequency and Channel	9
2.2 Test Mode.....	11
2.3 Connection Diagram of Test System.....	14
2.4 Support Unit used in test configuration and system	14
2.5 EUT Operation Test Setup	14
2.6 Measurement Results Explanation Example.....	15
3 Test Result	16
3.1 26dB & 99% Occupied Bandwidth Measurement	16
3.2 Maximum Conducted Output Power Measurement	17
3.3 Power Spectral Density Measurement	19
3.4 Unwanted Emissions Measurement.....	21
3.5 AC Conducted Emission Measurement.....	26
3.6 Antenna Requirements.....	28
4 List of Measuring Equipment.....	29
5 Measurement Uncertainty	31
Appendix A. Conducted Test Results	32
Appendix B. AC Conducted Emission Test Result	92
Appendix C. Radiated Spurious Emission.....	95
Appendix D. Radiated Spurious Emission Plots.....	222
Appendix E. Duty Cycle Plots	617
Appendix F. Setup Photographs.....	621



History of this test report

Report No.	Version	Description	Issue Date
FR240528002B	01	Initial issue of report	Mar. 21, 2025
FR240528002B	02	Revise Summary of Test Result and section 1.1 This report is an updated version, replacing the report issued on Mar. 21, 2025.	Mar. 26, 2025
FR240528002B	03	Revise section 1.1.1 and 3.2.1 This report is an updated version, replacing the report issued on Mar. 26, 2025.	Apr. 25, 2025

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	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	-
3.5	15.207	AC Conducted Emission	Pass	-
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/manufacturee 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, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/n/ac/ax/be and GNSS.	
Antenna Type WLAN: <Ant. HDBN>: Sector Antenna <Ant. VDBN>: Sector Antenna <Ant. V6N>: Sector Antenna <Ant. H6N>: Sector Antenna	

Antenna information (Narrow Sector Mode)			
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Horizontal	<Ant. HDBN>: 11.30
		Vertical	<Ant. VDBN>: 10.99
	Peak Gain (dBi)	Horizontal	<Ant. H6N >: 8.38
		Vertical	<Ant. V6N >: 8.29
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Horizontal	<Ant. HDBN>: 11.57
		Vertical	<Ant. VDBN>: 11.19
	Peak Gain (dBi)	Horizontal	<Ant. H6N >: 8.00
		Vertical	<Ant. V6N >: 10.58
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Horizontal	<Ant. HDBN>: 11.44
		Vertical	<Ant. VDBN>: 12.82
	Peak Gain (dBi)	Horizontal	<Ant. H6N >: 11.17
		Vertical	<Ant. V6N >: 11.36

Antenna information (Narrow Sector Mode), 30 degrees above horizon			
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Horizontal	<Ant. HDBN>: -1.69
		Vertical	<Ant. VDBN>: -2.42
	Peak Gain (dBi)	Horizontal	<Ant. H6N >: -2.66
		Vertical	<Ant. V6N >: -5.92

Remark:

1. The device is a special case of MIMO system with two outputs driving a cross-polarized pair of linearly polarized antennas which are vertically/horizontally mounted on the main board as indicated in equipment photo exhibits.
2. For 2x2 MIMO mode, only ANT1+ANT3 is supported.
3. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.1.1 Antenna Directional Gain

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)c)i)

Cross-polarized antennas. For a system in which the antennas have fixed orientations relative to one another that ensure that the antennas are cross-polarized regardless of any user actions, the directional gain is computed as follows.

- (i) Cross-polarized antennas with $N_{ANT} = 2$. 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	10.99	11.30	11.30	11.30	5.30	5.30
Band II	11.19	11.57	11.57	11.57	5.57	5.57
Band III	12.82	11.44	12.82	12.82	6.82	6.82

Calculation example:

If a device has two cross-polarized antenna, $G_{ANT1} = 10.99\text{dBi}$; $G_{ANT3} = 11.30\text{dBi}$

Directional gain of power measurement = $\max(10.99, 11.30) = 11.30\text{ dBi}$

Directional gain of PSD measurement = $\max(10.99, 11.30) = 11.30\text{ dBi}$

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 Ant 1 (dBi)	Horizontal Ant 3 (dBi)	Vertical Ant 2 (dBi)	Horizontal Ant 4 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	10.99	11.30	8.29	8.38	11.30	12.97	5.30	6.97
Band II	11.19	11.57	10.58	8.00	11.57	13.90	5.57	7.90
Band III	12.82	11.44	11.36	11.17	12.82	15.13	6.82	9.13

30 degrees above horizon	Vertical Ant 1 (dBi)	Vertical Ant 2 (dBi)	DG for Power(V) (dBi)	Horizontal Ant 3 (dbi)	Horizontal Ant 4 (dbi)	DG for Power(H) (dBi)	Power (V) Limit Reduction (dB)	Power (H) Limit Reduction (dB)
Band I	-2.42	-5.92	-2.42	-1.69	-2.66	-1.69	0	0

Calculation example:

If a device has four cross-polarized antenna,

$G_{ANT1}=10.99\text{dBi}$; $G_{ANT3}= 11.30\text{dBi}$; $G_{ANT2}=8.29\text{dBi}$, $G_{ANT4}=8.38\text{dBi}$,

Directional gain of power measurement = $\max(10.99, 11.30, 8.29, 8.38) = 11.30 \text{ dBi}$

Directional gain of PSD measurement = $\max(\text{Vertical DG}(10.99, 8.29), \text{Horizontal DG}(11.30, 8.39))$
 $= 6.21 \text{ dBi}$

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700
Frequency Band	Channel		Freq. (MHz)	
5150-5350 MHz	50@		5250	
5470-5725 MHz	114@		5570	

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

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

Note:

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

2.2 Test Mode

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

The power for 802.11n, 802.11ac and 802.11ax mode is smaller than 802.11be mode, so all other conducted and radiated test is covered by 802.11be 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: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.



Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Lan port 1 + Lan port 2 + PoE Adapter

MIMO <Ant. 1+3>

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

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

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

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

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

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

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

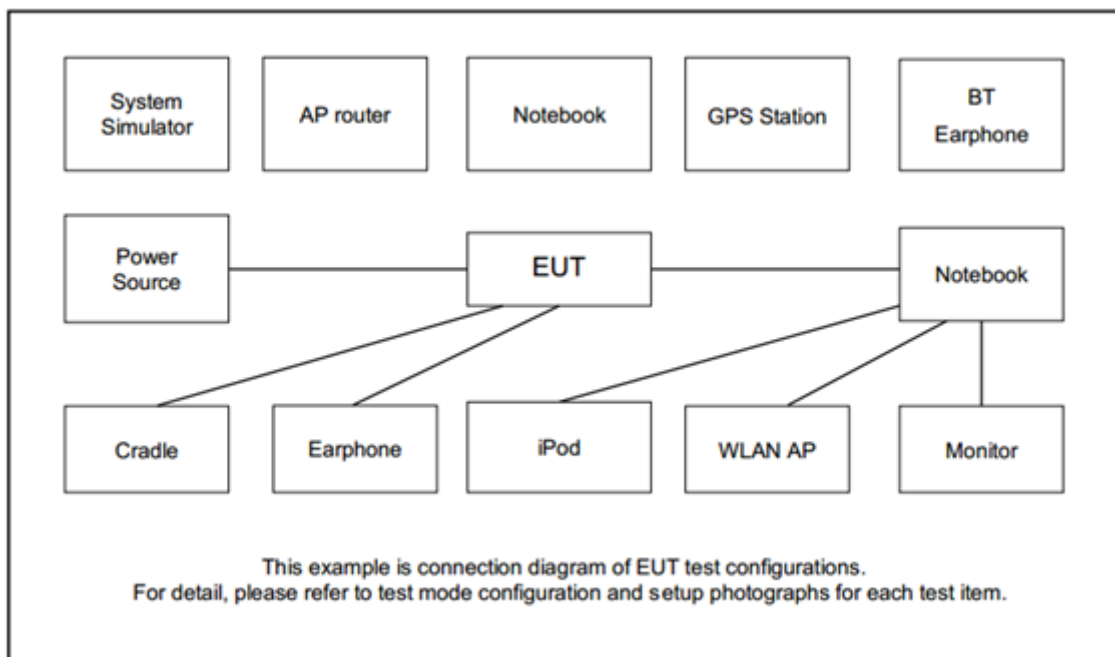
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11be EHT40	802.11be EHT40	802.11be EHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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	MSI	MS-17F3	NA	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	DELL	Latitude E7470	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	PoE Adapter	RUCKUS	740-64310-001	N/A	N/A	N/A

2.5 EUT Operation Test Setup

<2x2 Mode>

The RF test items, utility “Tera Term Version 4.95 and QSPR Version 6.00.00143.1” 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.

<4x4 Mode>

The RF test items, utility “QSPR Version 6.00.00134.4, QUTS Version 1.16.2.12 and Tera Term Version 4.106” 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.

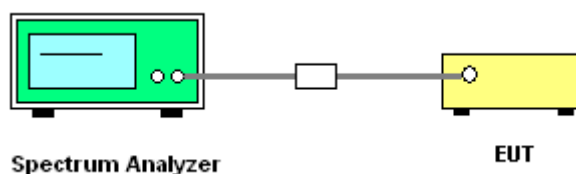
3.1.2 Measuring Instruments

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.

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 an outdoor 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 provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

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

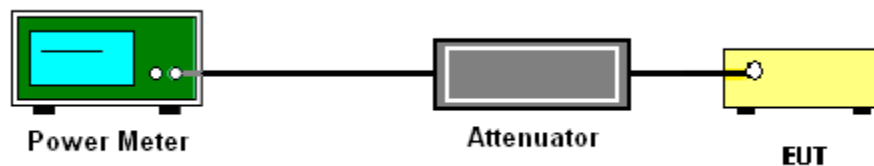
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

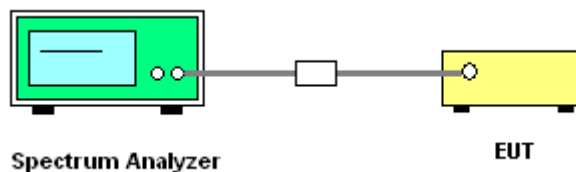
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- 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.

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

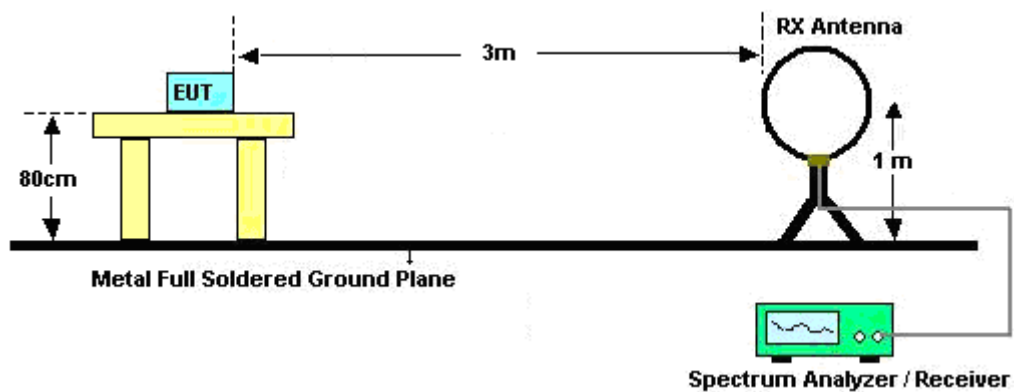
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

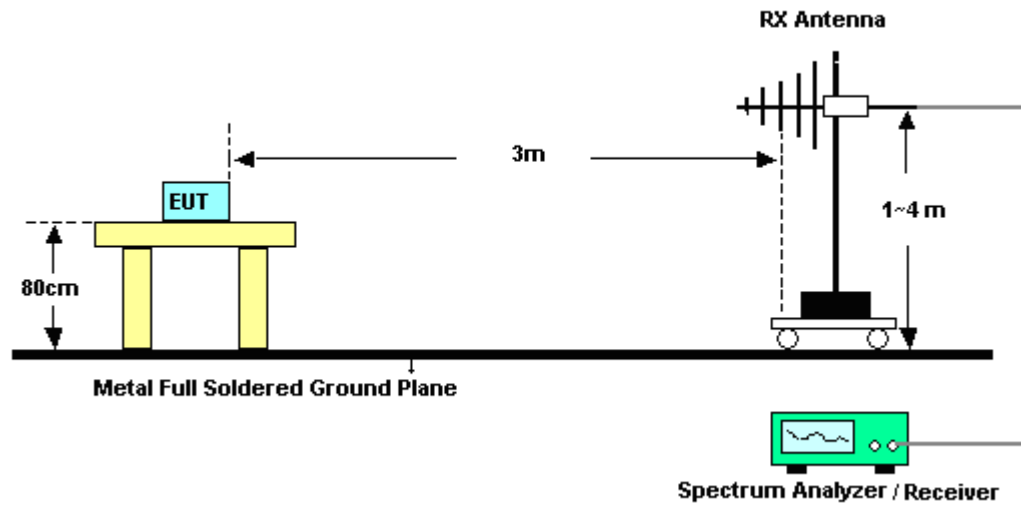
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

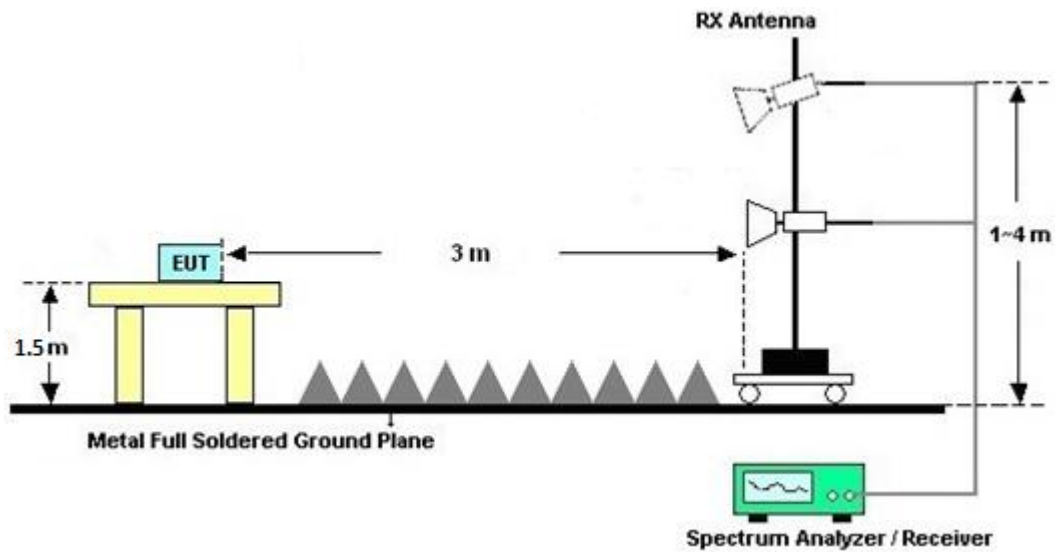
For radiated emissions below 30MHz



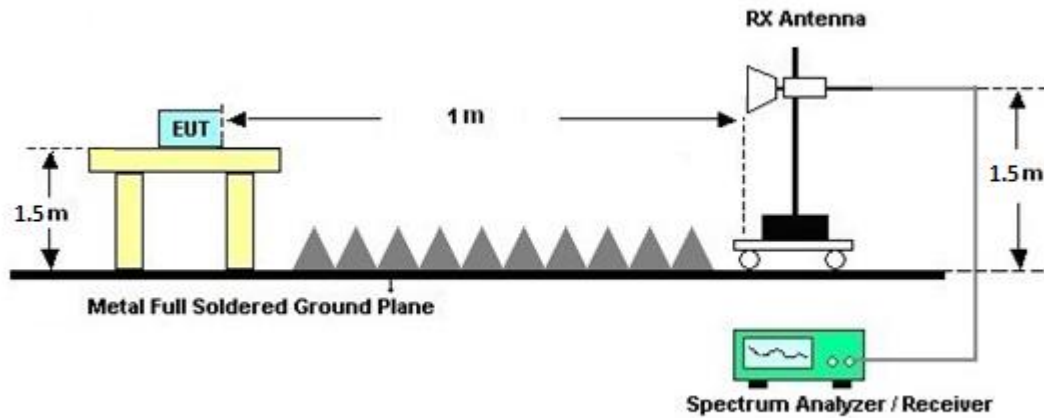
For radiated emissions from 30MHz to 1GHz



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.

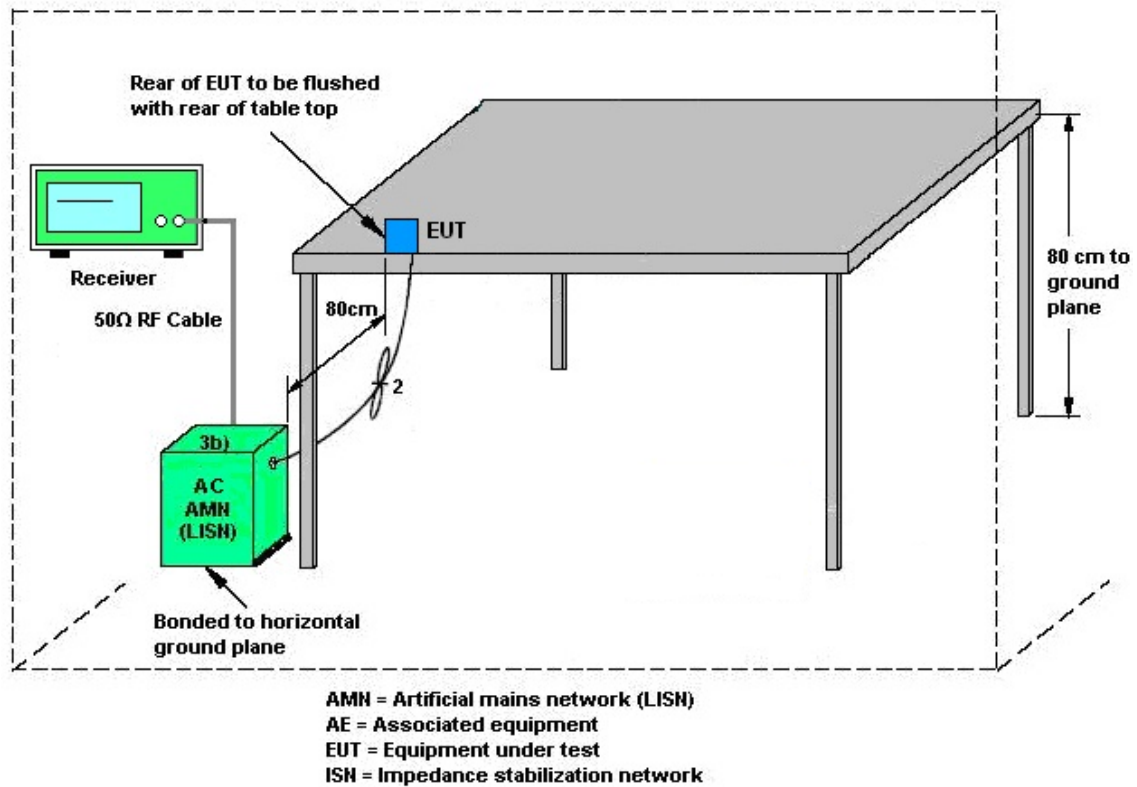
3.5.2 Measuring Instruments

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

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

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	45141354	N/A	Aug. 14, 2024	Nov. 27, 2024~ Dec. 04, 2024	Aug. 13, 2025	Conducted (TH01-CA)
Power Sensor	DARE!!	RPR3006W	RPR8W-2301002	10MHz-8GHz	Feb. 22, 2024	Nov. 27, 2024~ Dec. 04, 2024	Feb. 21, 2025	Conducted (TH01-CA)
Power Sensor	DARE!!	RPR3006W	RPR8W-2301002	10MHz-8GHz	Apr. 25, 2024	Dec. 11, 2024~ Dec. 16, 2024	Apr. 24, 2025	Conducted (TH01-CA)
Spectrum analyzer	Rhodes & Schwarz	FSV40	101089	10Hz~40GHz	Apr. 24, 2024	Nov. 27, 2024~ Dec. 04, 2024	Apr. 23, 2025	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101545	10Hz-40GHz	Apr. 25, 2024	Dec. 11, 2024~ Dec. 16, 2024	Apr. 24, 2025	Conducted (TH01-CA)
Switch Box	EM Electronics	EMSW26	1090304	N/A	Oct. 04, 2024	Nov. 27, 2024~ Dec. 04, 2024	Oct. 03, 2025	Conducted (TH01-CA)
Switch Box	EM Electronics	EMSW18	SW1070901	N/A	Apr. 25, 2024	Dec. 11, 2024~ Dec. 16, 2024	Apr. 24, 2025	Conducted (TH01-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Sep. 05, 2023	Jul. 24, 2024~ Aug. 12, 2024	Sep. 04, 2024	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Aug. 13, 2024	Aug. 13, 2024~ Dec. 30, 2024	Aug. 12, 2025	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	02140	1GHz~18GHz	Jan. 29, 2024	Jul. 24, 2024~ Dec. 30, 2024	Jan. 28, 2025	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA9170	00841	18GHz~40GHz	Aug. 22 2023	Jul. 24, 2024~ Aug. 06, 2024	Aug. 21, 2024	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA9170	00841	18GHz~40GHz	Aug. 07 2024	Aug. 07, 2024~ Dec. 30, 2024	Aug. 06, 2025	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	Apr. 24, 2024	Jul. 24, 2024~ Dec. 30, 2024	Apr. 23, 2025	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Apr. 24, 2024	Jul. 24, 2024~ Dec. 30, 2024	Apr. 23, 2025	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900251	1GHz~18GHz	Apr. 24, 2024	Jul. 24, 2024~ Dec. 30, 2024	Apr. 23, 2025	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz~40GHz	Apr. 24, 2024	Jul. 24, 2024~ Dec. 30, 2024	Apr. 23, 2025	Radiation (03CH02-CA)
RF Cable	HUBER+SUHNER	SUCOFLEX 102	804209/2, 802406/2, 802875/2, 802952/2	N/A	Oct. 13, 2023	Jul. 24, 2024~ Oct. 09, 2024	Oct. 12, 2024	Radiation (03CH02-CA)
RF Cable	HUBER+SUHNER	SUCOFLEX 102	804209/2, 802406/2, 802875/2, 802952/2	N/A	Oct. 10, 2024	Oct. 10, 2024~ Dec. 30, 2024	Oct. 09, 2025	Radiation (03CH02-CA)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN8	6.75GHz High Pass Filter	Jun. 04, 2024	Jul. 24, 2024~ Dec. 30, 2024	Jun. 03, 2025	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN2	1.2GHz Low Pass Filter	Jun. 04, 2024	Jul. 24, 2024~ Dec. 30, 2024	Jun. 03, 2025	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 30, 2023	Jul. 24, 2024~ Aug. 13, 2024	Aug. 29, 2024	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 14, 2024	Aug. 14, 2024~ Dec. 30, 2024	Aug. 13, 2025	Radiation (03CH02-CA)
Controller	ChainTek	EM-1000	060876	NA	N/A	Jul. 24, 2024~ Dec. 30, 2024	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jul. 24, 2024~ Dec. 30, 2024	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jul. 24, 2024~ Dec. 30, 2024	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Jul. 24, 2024~ Dec. 30, 2024	N/A	Radiation (03CH02-CA)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LISN	TESEQ	NNB51	47415	N/A	Aug. 14, 2024	Feb. 27, 2025	Aug. 13, 2025	Conduction (CO01-CA)
LISN	TESEQ	NNB51	47407	N/A	Apr. 23, 2024	Feb. 27, 2025	Apr. 22, 2025	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9kHz~7GHz	Apr. 23, 2024	Feb. 27, 2025	Apr. 22, 2025	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F- N00412	N/A	Jun. 04, 2024	Feb. 27, 2025	Jun. 03, 2025	Conduction (CO01-CA)
LISN Cable	HUBER+SUHNER	RG-214/U	LISN cable -01	N/A	Jun. 04, 2024	Feb. 27, 2025	Jun. 03, 2025	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Feb. 27, 2025	N/A	Conduction (CO01-CA)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.4 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.4 dB
---	--------

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

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

Appendix A. Test Result of Conducted Test Items

<2x2 Mode>

Test Engineer:	Ju Chang	Temperature:	19.8-22.2	°C
Test Date:	2024/12/11-2024/12/16	Relative Humidity:	31.6-47.6	%

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)		Note
					Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	36	5180	17.048	16.963	22.552	22.384	-
11a	6Mbps	2	44	5220	17.048	16.953	22.752	22.360	
11a	6Mbps	2	48	5240	17.043	16.963	22.456	22.384	

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	19.65	19.82	22.75	24.70		11.30		Pass
11a	6Mbps	2	44	5220	20.30	20.19	23.26	24.70		11.30		Pass
11a	6Mbps	2	48	5240	20.10	20.17	23.15	24.70		11.30		Pass
HT20	MCS0	2	36	5180	18.50	18.71	21.62	24.70		11.30		Pass
HT20	MCS0	2	44	5220	21.24	21.21	24.24	24.70		11.30		Pass
HT20	MCS0	2	48	5240	21.08	21.27	24.19	24.70		11.30		Pass
HT40	MCS0	2	38	5190	17.87	18.05	20.97	24.70		11.30		Pass
HT40	MCS0	2	46	5230	21.15	21.27	24.22	24.70		11.30		Pass
VHT20	MCS0	2	36	5180	18.53	18.81	21.68	24.70		11.30		Pass
VHT20	MCS0	2	44	5220	21.30	21.27	24.30	24.70		11.30		Pass
VHT20	MCS0	2	48	5240	21.15	21.32	24.25	24.70		11.30		Pass
VHT40	MCS0	2	38	5190	17.90	18.08	21.00	24.70		11.30		Pass
VHT40	MCS0	2	46	5230	21.21	21.34	24.29	24.70		11.30		Pass
VHT80	MCS0	2	42	5210	18.45	18.34	21.41	24.70		11.30		Pass
VHT160	MCS0	2	50	5250	16.28	16.44	19.37	24.70		11.30		Pass

FCC U-NII-1 MIMO - EIRP Limit at any elevation angle above 30 degrees													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	V-polarization				H-polarization				Pass /Fail
					Conducted Power (dBm)	DG (dBi)	EIRP (dBm)	EIRP limit (dBm)	Conducted Power (dBm)	DG (dBi)	EIRP (dBm)	EIRP limit (dBm)	
					Ant 1				Ant 3				
11a	6Mbps	2	36	5180	19.65	-2.42	17.23	21.00	19.82	-1.69	18.13	21.00	Pass
11a	6Mbps	2	44	5220	20.30	-2.42	17.88	21.00	20.19	-1.69	18.50	21.00	Pass
11a	6Mbps	2	48	5240	20.10	-2.42	17.68	21.00	20.17	-1.69	18.48	21.00	Pass
HT20	MCS0	2	36	5180	18.50	-2.42	16.08	21.00	18.71	-1.69	17.02	21.00	Pass
HT20	MCS0	2	44	5220	21.24	-2.42	18.82	21.00	21.21	-1.69	19.52	21.00	Pass
HT20	MCS0	2	48	5240	21.08	-2.42	18.66	21.00	21.27	-1.69	19.58	21.00	Pass
HT40	MCS0	2	38	5190	17.87	-2.42	15.45	21.00	18.05	-1.69	16.36	21.00	Pass
HT40	MCS0	2	46	5230	21.15	-2.42	18.73	21.00	21.27	-1.69	19.58	21.00	Pass
VHT20	MCS0	2	36	5180	18.53	-2.42	16.11	21.00	18.81	-1.69	17.12	21.00	Pass
VHT20	MCS0	2	44	5220	21.30	-2.42	18.88	21.00	21.27	-1.69	19.58	21.00	Pass
VHT20	MCS0	2	48	5240	21.15	-2.42	18.73	21.00	21.32	-1.69	19.63	21.00	Pass
VHT40	MCS0	2	38	5190	17.90	-2.42	15.48	21.00	18.08	-1.69	16.39	21.00	Pass
VHT40	MCS0	2	46	5230	21.21	-2.42	18.79	21.00	21.34	-1.69	19.65	21.00	Pass
VHT80	MCS0	2	42	5210	18.45	-2.42	16.03	21.00	18.34	-1.69	16.65	21.00	Pass
VHT160	MCS0	2	50	5250	16.28	-2.42	13.86	21.00	16.44	-1.69	14.75	21.00	Pass

Note 1: The operating mode uses 2 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 1 antenna

Note 2: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 3: Note 1 and Note 2 are only applicable for EIRP calculation

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	36	5180	-		10.77	11.70		11.30		Pass
11a	6Mbps	2	44	5220			11.37	11.70		11.30		Pass
11a	6Mbps	2	48	5240			11.30	11.70		11.30		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)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	52	5260	17.073	16.983	22.576	22.496	23.98		-
11a	6Mbps	2	60	5300	17.088	17.008	22.664	22.432	23.98		
11a	6Mbps	2	64	5320	17.083	17.008	22.624	22.432	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)		Pass/Fail
					Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	52	5260	14.20	14.16	17.19	18.41		11.57		Pass
11a	6Mbps	2	60	5300	14.18	14.03	17.12	18.41		11.57		Pass
11a	6Mbps	2	64	5320	14.10	13.99	17.06	18.41		11.57		Pass
HT20	MCS0	2	52	5260	14.94	15.10	18.03	18.41		11.57		Pass
HT20	MCS0	2	60	5300	15.00	14.94	17.98	18.41		11.57		Pass
HT20	MCS0	2	64	5320	14.90	14.96	17.94	18.41		11.57		Pass
HT40	MCS0	2	54	5270	14.84	14.94	17.90	18.41		11.57		Pass
HT40	MCS0	2	62	5310	14.88	14.96	17.93	18.41		11.57		Pass
VHT20	MCS0	2	52	5260	15.00	15.16	18.09	18.41		11.57		Pass
VHT20	MCS0	2	60	5300	15.10	15.00	18.06	18.41		11.57		Pass
VHT20	MCS0	2	64	5320	14.97	15.01	18.00	18.41		11.57		Pass
VHT40	MCS0	2	54	5270	14.87	15.01	17.95	18.41		11.57		Pass
VHT40	MCS0	2	62	5310	14.92	15.03	17.99	18.41		11.57		Pass
VHT80	MCS0	2	58	5290	15.22	15.26	18.25	18.41		11.57		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	52	5260	-		5.41	5.43		11.57		Pass
11a	6Mbps	2	60	5300			5.42	5.43		11.57		Pass
11a	6Mbps	2	64	5320			5.32	5.43		11.57		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)		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
11a	6Mbps	2	100	5500	17.073	17.078	22.504	22.624	23.98		----	----
11a	6Mbps	2	116	5580	17.073	17.008	22.632	22.440	23.98		----	----
11a	6Mbps	2	140	5700	17.093	17.013	22.920	23.176	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)		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
11a	6Mbps	2	144	5720	13.604	13.524	16.328	16.192	23.09		3.16	3.17

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)		Pass/Fail
					Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	100	5500	12.59	12.62	15.62	17.16		12.82		Pass
11a	6Mbps	2	116	5580	12.57	12.51	15.55	17.16		12.82		Pass
11a	6Mbps	2	140	5700	13.09	13.15	16.13	17.16		12.82		Pass
HT20	MCS0	2	100	5500	13.51	13.49	16.51	17.16		12.82		Pass
HT20	MCS0	2	116	5580	13.27	13.55	16.42	17.16		12.82		Pass
HT20	MCS0	2	140	5700	13.76	14.03	16.91	17.16		12.82		Pass
HT40	MCS0	2	102	5510	13.49	13.51	16.51	17.16		12.82		Pass
HT40	MCS0	2	110	5550	13.63	13.69	16.67	17.16		12.82		Pass
HT40	MCS0	2	134	5670	13.49	13.75	16.63	17.16		12.82		Pass
VHT20	MCS0	2	100	5500	13.56	13.55	16.57	17.16		12.82		Pass
VHT20	MCS0	2	116	5580	13.37	13.62	16.51	17.16		12.82		Pass
VHT20	MCS0	2	140	5700	13.83	14.09	16.97	17.16		12.82		Pass
VHT40	MCS0	2	102	5510	13.54	13.55	16.56	17.16		12.82		Pass
VHT40	MCS0	2	110	5550	13.69	13.75	16.73	17.16		12.82		Pass
VHT40	MCS0	2	134	5670	13.57	13.82	16.71	17.16		12.82		Pass
VHT80	MCS0	2	106	5530	13.89	13.73	16.82	17.16		12.82		Pass
VHT80	MCS0	2	122	5610	13.77	13.95	16.87	17.16		12.82		Pass
VHT160	MCS0	2	114	5570	13.91	13.95	16.94	17.16		12.82		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)		Pass/Fail
					Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	144	5720	12.89	13.15	16.03	16.27		12.82		Pass
HT20	MCS0	2	144	5720	12.74	13.10	15.93	17.16		12.82		Pass
HT40	MCS0	2	142	5710	13.17	13.65	16.43	17.16		12.82		Pass
VHT20	MCS0	2	144	5720	12.81	13.17	16.00	16.38		12.82		Pass
VHT40	MCS0	2	142	5710	13.24	13.70	16.49	17.16		12.82		Pass
VHT80	MCS0	2	138	5690	13.69	13.80	16.76	17.16		12.82		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	100	5500	-		3.85	4.18		12.82			Pass
11a	6Mbps	2	116	5580			3.86	4.18		12.82		-	Pass
11a	6Mbps	2	140	5700			3.75	4.18		12.82			Pass

U-NII-2C straddle channel MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail	
					Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
11a	6Mbps	2	144	5720	-		3.55	4.18		12.82		-	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	18.55	18.87	21.72	24.70		11.30		Pass
HE20	MCS0	2	44	5220	Full	21.37	21.32	24.36	24.70		11.30		Pass
HE20	MCS0	2	48	5240	Full	21.20	21.36	24.29	24.70		11.30		Pass
HE40	MCS0	2	38	5190	Full	17.95	18.12	21.05	24.70		11.30		Pass
HE40	MCS0	2	46	5230	Full	21.25	21.37	24.32	24.70		11.30		Pass
HE80	MCS0	2	42	5210	Full	18.48	18.44	21.47	24.70		11.30		Pass
HE160	MCS0	2	50	5250	Full	16.35	16.47	19.42	24.70		11.30		Pass

FCC U-NII-1 MIMO - EIRP Limit at any elevation angle above 30 degrees														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	V-polarization				H-polarization				Pass /Fail
						Conducted Power (dBm)	DG (dBi)	EIRP (dBm)	EIRP limit (dBm)	Conducted Power (dBm)	DG (dBi)	EIRP (dBm)	EIRP limit (dBm)	
						Ant 1				Ant 3				
HE20	MCS0	2	36	5180	Full	18.55	-2.42	16.13	21.00	18.87	-1.69	17.18	21.00	Pass
HE20	MCS0	2	44	5220	Full	21.37	-2.42	18.95	21.00	21.32	-1.69	19.63	21.00	Pass
HE20	MCS0	2	48	5240	Full	21.20	-2.42	18.78	21.00	21.36	-1.69	19.67	21.00	Pass
HE40	MCS0	2	38	5190	Full	17.95	-2.42	15.53	21.00	18.12	-1.69	16.43	21.00	Pass
HE40	MCS0	2	46	5230	Full	21.25	-2.42	18.83	21.00	21.37	-1.69	19.68	21.00	Pass
HE80	MCS0	2	42	5210	Full	18.48	-2.42	16.06	21.00	18.44	-1.69	16.75	21.00	Pass
HE160	MCS0	2	50	5250	Full	16.35	-2.42	13.93	21.00	16.47	-1.69	14.78	21.00	Pass

Note 1: The operating mode uses 2 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 1 antenna

Note 2: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 3: Note 1 and Note 2 are only applicable for EIRP calculation

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	15.04	15.20	18.13	18.41		11.57		30	Pass
HE20	MCS0	2	60	5300	Full	15.14	15.06	18.11	18.41		11.57		30	Pass
HE20	MCS0	2	64	5320	Full	15.00	15.03	18.03	18.41		11.57		30	Pass
HE40	MCS0	2	54	5270	Full	14.90	15.06	17.99	18.41		11.57		30	Pass
HE40	MCS0	2	62	5310	Full	15.00	15.06	18.04	18.41		11.57		30	Pass
HE80	MCS0	2	58	5290	Full	15.30	15.37	18.35	18.41		11.57		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	13.59	13.60	16.61	17.16		12.82		30	Pass
HE20	MCS0	2	116	5580	Full	13.41	13.65	16.54	17.16		12.82		30	Pass
HE20	MCS0	2	140	5700	Full	13.87	14.15	17.02	17.16		12.82		30	Pass
HE40	MCS0	2	102	5510	Full	13.59	13.60	16.61	17.16		12.82		30	Pass
HE40	MCS0	2	110	5550	Full	13.72	13.80	16.77	17.16		12.82		30	Pass
HE40	MCS0	2	134	5670	Full	13.59	13.85	16.73	17.16		12.82		30	Pass
HE80	MCS0	2	106	5530	Full	13.99	13.80	16.91	17.16		12.82		30	Pass
HE80	MCS0	2	122	5610	Full	13.84	14.05	16.96	17.16		12.82		30	Pass
HE160	MCS0	2	114	5570	Full	13.99	14.03	17.02	17.16		12.82		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
HE20	MCS0	2	144	5720	Full	12.86	13.20	16.04	17.16		12.82		30	Pass
HE40	MCS0	2	142	5710	Full	13.28	13.75	16.53	17.16		12.82		30	Pass
HE80	MCS0	2	138	5690	Full	13.77	13.89	16.84	17.16		12.82		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	19.193	19.108	23.512	23.800	-
EHT20	MCS0	2	44	5220	Full	19.138	19.143	23.168	23.496	
EHT20	MCS0	2	48	5240	Full	19.143	19.098	23.392	23.712	
EHT40	MCS0	2	38	5190	Full	38.546	38.466	45.968	45.680	
EHT40	MCS0	2	46	5230	Full	38.476	38.526	45.888	45.888	
EHT80	MCS0	2	42	5210	Full	77.848	77.872	90.176	89.408	
EHT160	MCS0	2	50	5250	Full	157.544	157.784	173.568	172.512	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3	
EHT20	MCS0	2	36	5180	Full	18.60	18.92	21.77	24.70		11.30	-	Pass
EHT20	MCS0	2	44	5220	Full	21.45	21.37	24.42	24.70		11.30		Pass
EHT20	MCS0	2	48	5240	Full	21.24	21.42	24.34	24.70		11.30		Pass
EHT40	MCS0	2	38	5190	Full	18.30	18.47	21.40	24.70		11.30		Pass
EHT40	MCS0	2	46	5230	Full	21.60	21.62	24.62	24.70		11.30		Pass
EHT80	MCS0	2	42	5210	Full	18.55	18.51	21.54	24.70		11.30		Pass
EHT160	MCS0	2	50	5250	Full	16.40	16.52	19.47	24.70		11.30		Pass

FCC U-NII-1 MIMO - EIRP Limit at any elevation angle above 30 degrees														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	V-polarization				H-polarization				Pass /Fail
						Conducted Power (dBm)	DG (dBi)	EIRP (dBm)	EIRP limit (dBm)	Conducted Power (dBm)	DG (dBi)	EIRP (dBm)	EIRP limit (dBm)	
						Ant 1				Ant 3				
EHT20	MCS0	2	36	5180	Full	18.60	-2.42	16.18	21.00	18.92	-1.69	17.23	21.00	Pass
EHT20	MCS0	2	44	5220	Full	21.45	-2.42	19.03	21.00	21.37	-1.69	19.68	21.00	Pass
EHT20	MCS0	2	48	5240	Full	21.24	-2.42	18.82	21.00	21.42	-1.69	19.73	21.00	Pass
EHT40	MCS0	2	38	5190	Full	18.30	-2.42	15.88	21.00	18.47	-1.69	16.78	21.00	Pass
EHT40	MCS0	2	46	5230	Full	21.60	-2.42	19.18	21.00	21.62	-1.69	19.93	21.00	Pass
EHT80	MCS0	2	42	5210	Full	18.55	-2.42	16.13	21.00	18.51	-1.69	16.82	21.00	Pass
EHT160	MCS0	2	50	5250	Full	16.40	-2.42	13.98	21.00	16.52	-1.69	14.83	21.00	Pass

Note 1: The operating mode uses 2 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 1 antenna

Note 2: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 3: Note 1 and Note 2 are only applicable for EIRP calculation

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO														
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	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	36	5180	Full	-		8.93	11.70	11.30		-	Pass	
EHT20	MCS0	2	44	5220	Full			11.56	11.70	11.30			Pass	
EHT20	MCS0	2	48	5240	Full			11.44	11.70	11.30			Pass	
EHT40	MCS0	2	38	5190	Full			5.91	11.70	11.30			Pass	
EHT40	MCS0	2	46	5230	Full			9.04	11.70	11.30			Pass	
EHT80	MCS0	2	42	5210	Full			3.27	11.70	11.30			Pass	
EHT160	MCS0	2	50	5250	Full			-1.65	11.70	11.30			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)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3	
EHT20	MCS0	2	52	5260	Full	19.213	19.138	23.160	24.336	23.98		-
EHT20	MCS0	2	60	5300	Full	19.153	19.173	23.168	23.488	23.98		
EHT20	MCS0	2	64	5320	Full	19.163	19.158	23.280	24.096	23.98		
EHT40	MCS0	2	54	5270	Full	38.497	38.546	45.232	45.328	23.98		
EHT40	MCS0	2	62	5310	Full	38.516	38.536	46.432	45.792	23.98		
EHT80	MCS0	2	58	5290	Full	77.836	77.836	90.848	91.904	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	15.10	15.26	18.19	18.41		11.57		30	Pass
EHT20	MCS0	2	60	5300	Full	15.20	15.11	18.17	18.41		11.57		30	Pass
EHT20	MCS0	2	64	5320	Full	15.04	15.06	18.06	18.41		11.57		30	Pass
EHT40	MCS0	2	54	5270	Full	15.25	15.36	18.32	18.41		11.57		30	Pass
EHT40	MCS0	2	62	5310	Full	15.40	15.26	18.34	18.41		11.57		30	Pass
EHT80	MCS0	2	58	5290	Full	15.34	15.40	18.38	18.41		11.57		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO													
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	SUM	Ant 1	Ant 3	Ant 1	Ant 3	
EHT20	MCS0	2	52	5260	Full	-		5.41	5.43		11.57		Pass
EHT20	MCS0	2	60	5300	Full			5.40	5.43		11.57		Pass
EHT20	MCS0	2	64	5320	Full			5.39	5.43		11.57		Pass
EHT40	MCS0	2	54	5270	Full			2.90	5.43		11.57		Pass
EHT40	MCS0	2	62	5310	Full			2.92	5.43		11.57		Pass
EHT80	MCS0	2	58	5290	Full			-0.05	5.43		11.57		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	19.178	19.158	23.104	24.400	23.98		----	----
EHT20	MCS0	2	116	5580	Full	19.173	19.163	23.264	24.152	23.98		----	----
EHT20	MCS0	2	140	5700	Full	19.158	19.138	23.376	23.576	23.98		----	----
EHT40	MCS0	2	102	5510	Full	38.516	38.566	46.208	45.568	23.98		----	----
EHT40	MCS0	2	110	5550	Full	38.526	38.546	45.968	46.288	23.98		----	----
EHT40	MCS0	2	134	5670	Full	38.516	38.561	45.344	46.464	23.98		----	----
EHT80	MCS0	2	106	5530	Full	77.872	77.872	90.112	88.352	23.98		----	----
EHT80	MCS0	2	122	5610	Full	77.872	77.872	90.336	90.784	23.98		----	----
EHT160	MCS0	2	114	5570	Full	157.760	157.760	175.008	172.608	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	14.599	14.584	16.528	17.304	23.18		4.505	4.54
EHT40	MCS0	2	142	5710	Full	34.258	34.268	37.960	38.488	23.98		4.017	4.161
EHT80	MCS0	2	138	5690	Full	73.888	73.900	80.056	80.696	23.98		4.056	4.008

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	13.64	13.65	16.66	17.16		12.82		30	Pass
EHT20	MCS0	2	116	5580	Full	13.49	13.60	16.56	17.16		12.82		30	Pass
EHT20	MCS0	2	140	5700	Full	13.94	14.20	17.08	17.16		12.82		30	Pass
EHT40	MCS0	2	102	5510	Full	13.89	13.90	16.91	17.16		12.82		30	Pass
EHT40	MCS0	2	110	5550	Full	13.99	13.99	17.00	17.16		12.82		30	Pass
EHT40	MCS0	2	134	5670	Full	13.89	14.10	17.01	17.16		12.82		30	Pass
EHT80	MCS0	2	106	5530	Full	14.04	13.85	16.96	17.16		12.82		30	Pass
EHT80	MCS0	2	122	5610	Full	13.89	14.09	17.00	17.16		12.82		30	Pass
EHT160	MCS0	2	114	5570	Full	14.03	14.10	17.08	17.16		12.82		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	12.89	13.25	16.08	16.36		12.82		30	Pass
EHT40	MCS0	2	142	5710	Full	13.59	13.95	16.78	17.16		12.82		30	Pass
EHT80	MCS0	2	138	5690	Full	13.84	13.95	16.91	17.16		12.82		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO														
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	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	100	5500	Full	-		4.01	4.18	12.82		-	Pass	
EHT20	MCS0	2	116	5580	Full			3.87	4.18	12.82			Pass	
EHT20	MCS0	2	140	5700	Full			4.15	4.18	12.82			Pass	
EHT40	MCS0	2	102	5510	Full			1.47	4.18	12.82			Pass	
EHT40	MCS0	2	110	5550	Full			1.61	4.18	12.82			Pass	
EHT40	MCS0	2	134	5670	Full			1.37	4.18	12.82			Pass	
EHT80	MCS0	2	106	5530	Full			-1.46	4.18	12.82			Pass	
EHT80	MCS0	2	122	5610	Full			-1.44	4.18	12.82			Pass	
EHT160	MCS0	2	114	5570	Full			-4.08	4.18	12.82			Pass	

U-NII-2C straddle channel MIMO														
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	SUM	Ant 1	Ant 3	Ant 1	Ant 3		
EHT20	MCS0	2	144	5720	Full	-			3.10	4.18	12.82		-	Pass
EHT40	MCS0	2	142	5710	Full				1.13	4.18	12.82			Pass
EHT80	MCS0	2	138	5690	Full				-1.69	4.18	12.82			Pass

<4x4 Mode>

Test Engineer:	Venkata Kondepudi	Temperature:	18.6~23.0	°C
Test Date:	2024/11/27~2024/12/04	Relative Humidity:	40.0~43.5	%

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 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
11a	6Mbps	4	36	5180	17.06	17.04	17.03	17.02	22.62	22.50	22.62	22.45	-
11a	6Mbps	4	44	5220	17.05	17.02	17.03	17.04	22.47	22.95	22.58	22.65	
11a	6Mbps	4	48	5240	17.06	17.03	17.02	17.04	22.52	22.90	23.10	22.62	

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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
11a	6Mbps	4	36	5180	15.36	15.11	15.81	15.75	21.54	24.70				11.30				Pass
11a	6Mbps	4	44	5220	16.02	15.75	16.11	16.05	22.01	24.70				11.30				Pass
11a	6Mbps	4	48	5240	15.93	15.77	16.03	16.06	21.97	24.70				11.30				Pass
HT20	MCS0	4	36	5180	16.49	16.17	16.59	16.73	22.52	24.70				11.30				Pass
HT20	MCS0	4	44	5220	16.92	16.77	16.90	17.08	22.94	24.70				11.30				Pass
HT20	MCS0	4	48	5240	16.42	16.21	16.56	16.55	22.46	24.70				11.30				Pass
HT40	MCS0	4	38	5190	15.51	15.44	16.01	15.82	21.63	24.70				11.30				Pass
HT40	MCS0	4	46	5230	18.17	17.81	18.23	18.13	24.03	24.70				11.30				Pass
VHT20	MCS0	4	36	5180	16.48	16.19	16.69	16.78	22.56	24.70				11.30				Pass
VHT20	MCS0	4	44	5220	17.03	16.85	16.86	17.08	22.98	24.70				11.30				Pass
VHT20	MCS0	4	48	5240	16.34	16.25	16.56	16.65	22.47	24.70				11.30				Pass
VHT40	MCS0	4	38	5190	15.52	15.35	15.97	15.77	21.68	24.70				11.30				Pass
VHT40	MCS0	4	46	5230	18.06	17.82	18.20	18.08	24.06	24.70				11.30				Pass
VHT80	MCS0	4	42	5210	14.77	14.31	14.97	14.82	20.74	24.70				11.30				Pass
VHT160	MCS0	4	50	5250	11.83	11.71	12.16	11.97	17.94	24.70				11.30				Pass

FCC U-NII-1 MIMO 4Tx Mode - EIRP Limit at any elevation angle above 30 degrees																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	V-polarization						H-polarization						Pass /Fail
					Average Conducted Power (dBm)			DG (dBi)	Max EIRP (dBm)	EIRP Limit (dBm)	Average Conducted Power (dBm)			DG (dBi)	Max EIRP (dBm)	EIRP Limit (dBm)	
					Ant 1	Ant 2	SUM				Ant 3	Ant 4	SUM				
11a	6Mbps	4	36	5180	15.36	15.81	18.60	-2.42	16.18	21.00	15.11	15.75	18.45	-1.69	16.76	21.00	Pass
11a	6Mbps	4	44	5220	16.02	16.11	19.08	-2.42	16.66	21.00	15.75	16.05	18.91	-1.69	17.22	21.00	Pass
11a	6Mbps	4	48	5240	15.93	16.03	18.99	-2.42	16.57	21.00	15.77	16.06	18.93	-1.69	17.24	21.00	Pass
HT20	MCS0	4	36	5180	16.49	16.59	19.55	-2.42	17.13	21.00	16.17	16.73	19.47	-1.69	17.78	21.00	Pass
HT20	MCS0	4	44	5220	16.92	16.90	19.92	-2.42	17.50	21.00	16.77	17.08	19.94	-1.69	18.25	21.00	Pass
HT20	MCS0	4	48	5240	16.42	16.56	19.50	-2.42	17.08	21.00	16.21	16.55	19.39	-1.69	17.70	21.00	Pass
HT40	MCS0	4	38	5190	15.51	16.01	18.78	-2.42	16.36	21.00	15.44	15.82	18.64	-1.69	16.95	21.00	Pass
HT40	MCS0	4	46	5230	18.17	18.23	21.21	-2.42	18.79	21.00	17.81	18.13	20.98	-1.69	19.29	21.00	Pass
VHT20	MCS0	4	36	5180	16.48	16.69	19.60	-2.42	17.18	21.00	16.19	16.78	19.51	-1.69	17.82	21.00	Pass
VHT20	MCS0	4	44	5220	17.03	16.86	19.96	-2.42	17.54	21.00	16.85	17.08	19.98	-1.69	18.29	21.00	Pass
VHT20	MCS0	4	48	5240	16.34	16.56	19.46	-2.42	17.04	21.00	16.25	16.65	19.46	-1.69	17.77	21.00	Pass
VHT40	MCS0	4	38	5190	15.52	15.97	18.76	-2.42	16.34	21.00	15.35	15.77	18.58	-1.69	16.89	21.00	Pass
VHT40	MCS0	4	46	5230	18.06	18.20	21.14	-2.42	18.72	21.00	17.82	18.08	20.96	-1.69	19.27	21.00	Pass
VHT80	MCS0	4	42	5210	14.77	14.97	17.88	-2.42	15.46	21.00	14.31	14.82	17.58	-1.69	15.89	21.00	Pass
VHT160	MCS0	4	50	5250	11.83	12.16	15.01	-2.42	12.59	21.00	11.71	11.97	14.85	-1.69	13.16	21.00	Pass

Note 1: The operating mode uses 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 3: Note 1 and Note 2 are only applicable for EIRP calculation

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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
11a	6Mbps	4	36	5180	-				9.47	10.03				12.97				-	Pass
11a	6Mbps	4	44	5220	-				9.89	10.03				12.97					Pass
11a	6Mbps	4	48	5240	-				9.82	10.03				12.97					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 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
11a	6Mbps	4	52	5260	17.07	17.06	17.05	17.04	22.54	22.86	22.98	22.59	23.98				-
11a	6Mbps	4	60	5300	17.09	17.08	17.06	17.03	22.54	23.16	23.05	22.69	23.98				
11a	6Mbps	4	64	5320	17.07	17.10	17.04	17.09	22.57	23.11	22.57	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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
11a	6Mbps	4	52	5260	9.03	8.67	8.98	9.15	14.98	18.41				11.57				30.00	Pass
11a	6Mbps	4	60	5300	8.99	8.70	8.76	8.71	14.81	18.41				11.57				30.00	Pass
11a	6Mbps	4	64	5320	9.11	8.91	9.16	8.48	14.94	18.41				11.57				30.00	Pass
HT20	MCS0	4	52	5260	9.83	9.74	9.97	10.04	15.92	18.41				11.57				30.00	Pass
HT20	MCS0	4	60	5300	9.99	9.76	9.86	9.67	15.84	18.41				11.57				30.00	Pass
HT20	MCS0	4	64	5320	10.07	9.99	10.03	9.50	15.92	18.41				11.57				30.00	Pass
HT40	MCS0	4	54	5270	12.00	11.75	12.07	11.87	17.92	18.41				11.57				30.00	Pass
HT40	MCS0	4	62	5310	11.92	11.76	12.16	11.89	17.92	18.41				11.57				30.00	Pass
VHT20	MCS0	4	52	5260	9.95	9.75	10.08	10.02	15.97	18.41				11.57				30.00	Pass
VHT20	MCS0	4	60	5300	9.90	9.79	9.97	9.65	15.85	18.41				11.57				30.00	Pass
VHT20	MCS0	4	64	5320	10.06	9.96	10.04	9.82	15.99	18.41				11.57				30.00	Pass
VHT40	MCS0	4	54	5270	11.94	11.68	12.07	11.93	17.93	18.41				11.57				30.00	Pass
VHT40	MCS0	4	62	5310	11.90	11.76	12.13	11.87	17.94	18.41				11.57				30.00	Pass
VHT80	MCS0	4	58	5290	12.19	11.82	12.24	12.09	18.11	18.41				11.57				30.00	Pass
VHT160	MCS0	4	50	5250	11.83	11.71	12.16	11.97	17.94	18.41				11.57				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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
11a	6Mbps	4	52	5260	-				2.83	3.10				13.90				-	Pass
11a	6Mbps	4	60	5300	-				2.69	3.10				13.90					Pass
11a	6Mbps	4	64	5320	-				2.82	3.10				13.90					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 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4
11a	6Mbps	4	100	5500	17.07	17.06	17.05	17.04	22.44	23.18	22.89	22.51	23.98				-----			
11a	6Mbps	4	116	5580	17.08	17.06	17.05	17.07	22.61	23.04	22.90	22.58	23.98				-----			
11a	6Mbps	4	140	5700	17.09	17.07	17.06	17.05	23.17	23.18	23.00	22.53	23.98				-----			

U-NII-2C straddle channel MIMO 4Tx Mode																				
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)				26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4
11a	6Mbps	4	144	5720	13.54	13.51	13.52	13.53	16.34	16.25	16.18	16.21	23.11				3.2	3.2	3.21	3.2

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO 4Tx Mode																			
Mod.	Data Rate	N _{rx}	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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
11a	6Mbps	4	100	5500	7.36	6.98	7.74	8.35	13.66	17.16				12.82				30.00	Pass
11a	6Mbps	4	116	5580	7.55	7.43	7.24	7.4	13.43	17.16				12.82				30.00	Pass
11a	6Mbps	4	140	5700	7.75	7.34	7.43	8.39	13.77	17.16				12.82				30.00	Pass
HT20	MCS0	4	100	5500	7.79	7.43	8.33	8.83	14.15	17.16				12.82				30.00	Pass
HT20	MCS0	4	116	5580	8.41	8.43	8.31	8.47	14.43	17.16				12.82				30.00	Pass
HT20	MCS0	4	140	5700	8.16	7.82	8.03	8.78	14.23	17.16				12.82				30.00	Pass
HT40	MCS0	4	102	5510	10.34	9.98	10.9	11.28	16.34	17.16				12.82				30.00	Pass
HT40	MCS0	4	110	5550	10.42	10.05	10.95	11.08	16.40	17.16				12.82				30.00	Pass
HT40	MCS0	4	134	5670	10.53	10.67	10.6	10.76	16.64	17.16				12.82				30.00	Pass
VHT20	MCS0	4	100	5500	7.95	7.53	8.32	8.73	14.18	17.16				12.82				30.00	Pass
VHT20	MCS0	4	116	5580	8.47	8.45	8.27	8.47	14.44	17.16				12.82				30.00	Pass
VHT20	MCS0	4	140	5700	8.32	7.81	8.05	8.8	14.28	17.16				12.82				30.00	Pass
VHT40	MCS0	4	102	5510	10.32	9.87	10.9	11.08	16.59	17.16				12.82				30.00	Pass
VHT40	MCS0	4	110	5550	10.40	10.02	10.91	11.07	16.64	17.16				12.82				30.00	Pass
VHT40	MCS0	4	134	5670	10.49	10.69	10.63	10.76	16.66	17.16				12.82				30.00	Pass
VHT80	MCS0	4	106	5530	10.50	10.39	11.11	11.37	16.88	17.16				12.82				30.00	Pass
VHT80	MCS0	4	122	5610	11.04	10.69	10.84	11.06	16.93	17.16				12.82				30.00	Pass
VHT160	MCS0	4	114	5570	10.78	10.54	11.1	11.52	17.02	17.16				12.82				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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
11a	6Mbps	4	144	5720	7.72	7.46	7.66	8.08	13.76	16.29				12.82				30.00	Pass
HT20	MCS0	4	144	5720	8.19	7.89	8.22	8.46	14.22	17.16				12.82				30.00	Pass
HT40	MCS0	4	142	5710	10.76	9.69	10.69	11.14	16.62	17.16				12.82				30.00	Pass
VHT20	MCS0	4	144	5720	8.22	7.87	8.23	8.51	14.23	17.16				12.82				30.00	Pass
VHT40	MCS0	4	142	5710	10.75	9.78	10.69	11.13	16.64	17.16				12.82				30.00	Pass
VHT80	MCS0	4	138	5690	10.67	10.39	10.62	10.87	16.66	17.16				12.82				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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
11a	6Mbps	4	100	5500	-				1.67	1.87				15.13				-	Pass
11a	6Mbps	4	116	5580	-				1.40	1.87				15.13					Pass
11a	6Mbps	4	140	5700	-				1.67	1.87				15.13					Pass

U-NII-2C straddle channel MIMO 4Tx Mode																			
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)					Pass /Fail
					Ant 1	Ant 3	Ant 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
11a	#####	4	144	5720	-	-	-	-	1.78	1.87	1.87	1.87	1.87	15.13	15.13	15.13	15.13	-	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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
HE20	MCS0	4	36	5180	Full	16.52	16.29	16.7	16.83	22.61	24.70				11.30				Pass
HE20	MCS0	4	44	5220	Full	17.05	16.84	16.93	17.07	22.99	24.70				11.30				Pass
HE20	MCS0	4	48	5240	Full	16.52	16.32	16.63	16.69	22.56	24.70				11.30				Pass
HE40	MCS0	4	38	5190	Full	15.50	15.35	15.97	15.81	21.69	24.70				11.30				Pass
HE40	MCS0	4	46	5230	Full	18.06	17.81	18.23	18.13	24.08	24.70				11.30				Pass
HE80	MCS0	4	42	5210	Full	14.83	14.28	14.98	14.84	20.76	24.70				11.30				Pass
HE160	MCS0	4	50	5250	Full	11.87	11.68	12.15	12.02	17.95	24.70				11.30				Pass

FCC U-NII-1 MIMO 4Tx Mode - EIRP Limit at any elevation angle above 30 degrees																		
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	V-polarization						H-polarization						Pass /Fail
						Average Conducted Power (dBm)			DG (dBi)	Max EIRP (dBm)	EIRP Limit (dBm)	Average Conducted Power (dBm)			DG (dBi)	Max EIRP (dBm)	EIRP Limit (dBm)	
						Ant 1	Ant 2	SUM				Ant 3	Ant 4	SUM				
HE20	MCS0	4	36	5180	Full	16.52	16.70	19.62	-2.42	17.20	21.00	16.29	16.83	19.58	-1.69	17.89	21.00	Pass
HE20	MCS0	4	44	5220	Full	17.05	16.93	20.00	-2.42	17.58	21.00	16.84	17.07	19.97	-1.69	18.28	21.00	Pass
HE20	MCS0	4	48	5240	Full	16.52	16.63	19.59	-2.42	17.17	21.00	16.32	16.69	19.52	-1.69	17.83	21.00	Pass
HE40	MCS0	4	38	5190	Full	15.50	15.97	18.75	-2.42	16.33	21.00	15.35	15.81	18.60	-1.69	16.91	21.00	Pass
HE40	MCS0	4	46	5230	Full	18.06	18.23	21.16	-2.42	18.74	21.00	17.81	18.13	20.98	-1.69	19.29	21.00	Pass
HE80	MCS0	4	42	5210	Full	14.83	14.98	17.92	-2.42	15.50	21.00	14.28	14.84	17.58	-1.69	15.89	21.00	Pass
HE160	MCS0	4	50	5250	Full	11.87	12.15	15.02	-2.42	12.60	21.00	11.68	12.02	14.86	-1.69	13.17	21.00	Pass

Note 1: The operating mode uses 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 3: Note 1 and Note 2 are only applicable for EIRP calculation

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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
HE20	MCS0	4	52	5260	Full	10.04	9.78	10.11	10.14	16.04	18.41				11.57				30.00	Pass
HE20	MCS0	4	60	5300	Full	10.02	9.87	9.98	9.76	15.93	18.41				11.57				30.00	Pass
HE20	MCS0	4	64	5320	Full	10.19	10.03	10.07	9.61	16.00	18.41				11.57				30.00	Pass
HE40	MCS0	4	54	5270	Full	11.98	11.69	12.10	11.91	17.94	18.41				11.57				30.00	Pass
HE40	MCS0	4	62	5310	Full	11.94	11.75	12.15	11.87	17.95	18.41				11.57				30.00	Pass
HE80	MCS0	4	58	5290	Full	12.21	11.83	12.24	12.11	18.12	18.41				11.57				30.00	Pass
HE160	MCS0	4	50	5250	Full	11.87	11.68	12.15	12.02	17.95	18.41				11.57				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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
HE20	MCS0	4	100	5500	Full	7.96	7.59	8.42	8.82	14.24	17.16				12.82				30.00	Pass
HE20	MCS0	4	116	5580	Full	8.57	8.57	8.4	8.52	14.54	17.16				12.82				30.00	Pass
HE20	MCS0	4	140	5700	Full	8.38	7.96	8.1	8.83	14.35	17.16				12.82				30.00	Pass
HE40	MCS0	4	102	5510	Full	10.37	9.98	10.94	11.24	16.68	17.16				12.82				30.00	Pass
HE40	MCS0	4	110	5550	Full	10.44	10.05	10.86	11.08	16.65	17.16				12.82				30.00	Pass
HE40	MCS0	4	134	5670	Full	10.49	10.69	10.64	10.77	16.67	17.16				12.82				30.00	Pass
HE80	MCS0	4	106	5530	Full	10.51	10.39	11.17	11.36	16.90	17.16				12.82				30.00	Pass
HE80	MCS0	4	122	5610	Full	11.07	10.66	10.82	11.12	16.94	17.16				12.82				30.00	Pass
HE160	MCS0	4	114	5570	Full	10.84	10.53	11.12	11.50	17.03	17.16				12.82				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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
HE20	MCS0	4	144	5720	Full	8.29	7.98	8.38	8.54	14.32	17.16				12.82				30.00	Pass
HE40	MCS0	4	142	5710	Full	10.71	9.76	10.76	11.16	16.65	17.16				12.82				30.00	Pass
HE80	MCS0	4	138	5690	Full	10.65	10.41	10.66	10.87	16.67	17.16				12.82				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 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
EHT20	MCS0	4	36	5180	Full	19.15	19.16	19.14	19.17	23.34	23.11	23.54	24.39	-
EHT20	MCS0	4	44	5220	Full	19.14	19.17	19.15	19.16	23.10	23.29	23.83	24.28	
EHT20	MCS0	4	48	5240	Full	19.14	19.18	19.15	19.17	23.35	23.39	23.70	24.58	
EHT40	MCS0	4	38	5190	Full	38.58	38.53	38.55	38.51	45.76	45.14	45.12	46.06	
EHT40	MCS0	4	46	5230	Full	38.55	38.50	38.53	38.51	45.31	45.63	46.10	45.78	
EHT80	MCS0	4	42	5210	Full	77.84	77.82	77.86	77.81	89.92	91.01	90.88	89.63	
EHT160	MCS0	4	50	5250	Full	157.54	157.64	157.62	157.64	171.36	172.75	174.38	173.81	

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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
EHT20	MCS0	4	36	5180	Full	16.48	16.27	16.7	16.91	22.62	24.70				11.30				Pass
EHT20	MCS0	4	44	5220	Full	17.02	16.84	16.95	17.11	23.00	24.70				11.30				Pass
EHT20	MCS0	4	48	5240	Full	16.45	16.37	16.69	16.69	22.57	24.70				11.30				Pass
EHT40	MCS0	4	38	5190	Full	15.81	15.68	16.39	16.18	22.04	24.70				11.30				Pass
EHT40	MCS0	4	46	5230	Full	18.48	17.87	18.55	18.39	24.35	24.70				11.30				Pass
EHT80	MCS0	4	42	5210	Full	14.80	14.49	14.88	14.85	20.78	24.70				11.30				Pass
EHT160	MCS0	4	50	5250	Full	11.87	11.75	12.18	12.03	17.98	24.70				11.30				Pass

FCC U-NII-1 MIMO 4Tx Mode - EIRP Limit at any elevation angle above 30 degrees																		
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	V-polarization						H-polarization						Pass /Fail
						Average Conducted Power (dBm)			DG (dBi)	Max EIRP (dBm)	EIRP Limit (dBm)	Average Conducted Power (dBm)			DG (dBi)	Max EIRP (dBm)	EIRP Limit (dBm)	
						Ant 1	Ant 2	SUM				Ant 3	Ant 4	SUM				
EHT20	MCS0	4	36	5180	Full	16.48	16.70	19.60	-2.42	17.18	21.00	16.27	16.91	19.61	-1.69	17.92	21.00	Pass
EHT20	MCS0	4	44	5220	Full	17.02	16.95	20.00	-2.42	17.58	21.00	16.84	17.11	19.99	-1.69	18.30	21.00	Pass
EHT20	MCS0	4	48	5240	Full	16.45	16.69	19.58	-2.42	17.16	21.00	16.37	16.69	19.54	-1.69	17.85	21.00	Pass
EHT40	MCS0	4	38	5190	Full	15.81	16.39	19.12	-2.42	16.70	21.00	15.68	16.18	18.95	-1.69	17.26	21.00	Pass
EHT40	MCS0	4	46	5230	Full	18.48	18.55	21.53	-2.42	19.11	21.00	17.87	18.39	21.15	-1.69	19.46	21.00	Pass
EHT80	MCS0	4	42	5210	Full	14.80	14.88	17.85	-2.42	15.43	21.00	14.49	14.85	17.68	-1.69	15.99	21.00	Pass
EHT160	MCS0	4	50	5250	Full	11.87	12.18	15.04	-2.42	12.62	21.00	11.75	12.03	14.90	-1.69	13.21	21.00	Pass

Note 1: The operating mode uses 4 antennas, each of which has one of two polarizations that are orthogonal to one another.

Each polarization has 2 antenna

Note 2: One of the polarization is a 90-degree phase-shifted replica of the other.

EIRP of each polarization must individually be below the limit

Note 3: Note 1 and Note 2 are only applicable for EIRP calculation

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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
EHT20	MCS0	4	36	5180	Full	-	-	-	-	9.71	10.03	-	-	-	12.97	-	-	-	Pass
EHT20	MCS0	4	44	5220	Full	-	-	-	-	10.02	10.03	-	-	-	12.97	-	-	-	Pass
EHT20	MCS0	4	48	5240	Full	-	-	-	-	9.48	10.03	-	-	-	12.97	-	-	-	Pass
EHT40	MCS0	4	38	5190	Full	-	-	-	-	6.18	10.03	-	-	-	12.97	-	-	-	Pass
EHT40	MCS0	4	46	5230	Full	-	-	-	-	8.57	10.03	-	-	-	12.97	-	-	-	Pass
EHT80	MCS0	4	42	5210	Full	-	-	-	-	1.95	10.03	-	-	-	12.97	-	-	-	Pass
EHT160	MCS0	4	50	5250	Full	-	-	-	-	-3.56	10.03	-	-	-	12.97	-	-	-	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 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
EHT20	MCS0	4	52	5260	Full	19.15	19.16	19.14	19.17	23.18	23.28	23.65	24.01	23.98				-
EHT20	MCS0	4	60	5300	Full	19.15	19.19	19.16	19.18	23.14	23.35	23.78	24.11	23.98				
EHT20	MCS0	4	64	5320	Full	19.15	19.19	19.16	19.20	23.50	23.11	23.61	24.71	23.98				
EHT40	MCS0	4	54	5270	Full	38.55	38.50	38.53	38.49	45.71	44.80	45.95	45.68	23.98				
EHT40	MCS0	4	62	5310	Full	38.56	38.49	38.51	38.50	46.51	45.28	45.66	45.06	23.98				
EHT80	MCS0	4	58	5290	Full	77.87	77.88	77.90	77.86	92.06	89.73	91.33	91.36	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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
EHT20	MCS0	4	52	5260	Full	9.98	9.84	10.07	10.22	16.05	18.41				11.57				30.00	Pass
EHT20	MCS0	4	60	5300	Full	9.99	9.90	10.02	9.75	15.94	18.41				11.57				30.00	Pass
EHT20	MCS0	4	64	5320	Full	10.17	10.09	10.12	9.64	16.03	18.41				11.57				30.00	Pass
EHT40	MCS0	4	54	5270	Full	12.33	12.15	12.46	12.14	18.29	18.41				11.57				30.00	Pass
EHT40	MCS0	4	62	5310	Full	12.38	12.12	12.43	12.17	18.30	18.41				11.57				30.00	Pass
EHT80	MCS0	4	58	5290	Full	12.23	11.92	12.21	12.11	18.14	18.41				11.57				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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	
EHT20	MCS0	4	52	5260	Full	-				2.97	3.10				13.90				Pass
EHT20	MCS0	4	60	5300	Full	-				2.89	3.10				13.90				Pass
EHT20	MCS0	4	64	5320	Full	-				3.04	3.10				13.90				Pass
EHT40	MCS0	4	54	5270	Full	-				2.46	3.10				13.90				Pass
EHT40	MCS0	4	62	5310	Full	-				2.46	3.10				13.90				Pass
EHT80	MCS0	4	58	5290	Full	-				-1.10	3.10				13.90				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 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4
EHT20	MCS0	4	100	5500	Full	19.14	19.18	19.17	19.16	23.97	23.34	23.86	24.52	23.98				----	----	----	----
EHT20	MCS0	4	116	5580	Full	19.15	19.17	19.16	19.18	23.78	23.29	24.06	23.57	23.98				----	----	----	----
EHT20	MCS0	4	140	5700	Full	19.12	19.16	19.14	19.15	23.06	22.89	23.92	23.75	23.98				----	----	----	----
EHT40	MCS0	4	102	5510	Full	38.59	38.57	38.54	38.53	46.03	45.42	45.36	45.84	23.98				----	----	----	----
EHT40	MCS0	4	110	5550	Full	38.60	38.56	38.55	38.54	46.62	46.02	45.42	45.68	23.98				----	----	----	----
EHT40	MCS0	4	134	5670	Full	38.59	38.55	38.54	38.52	45.97	45.55	45.73	45.97	23.98				----	----	----	----
EHT80	MCS0	4	106	5530	Full	77.91	77.86	77.93	77.87	89.44	90.66	88.93	89.44	23.98				----	----	----	----
EHT80	MCS0	4	122	5610	Full	77.91	77.88	77.90	77.85	89.82	89.44	89.92	90.59	23.98				----	----	----	----
EHT160	MCS0	4	114	5570	Full	157.88	157.78	157.74	157.64	176.69	173.66	171.94	177.94	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 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4
EHT20	MCS0	4	144	5720	Full	14.53	14.54	14.53	14.54	16.67	16.58	16.62	16.47	23.17				4.56	4.565	4.575	4.58
EHT40	MCS0	4	142	5710	Full	34.28	34.20	34.22	34.23	38.10	37.45	38.14	37.83	23.98				4.17	4.179	4.098	4.08
EHT80	MCS0	4	138	5690	Full	73.83	73.86	73.88	73.89	79.77	80.15	80.60	80.50	23.98				4.12	4.104	4.136	4.12

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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
EHT20	MCS0	4	100	5500	Full	7.95	7.57	8.47	8.83	14.25	17.16				12.82				30.00	Pass
EHT20	MCS0	4	116	5580	Full	8.62	8.55	8.44	8.53	14.56	17.16				12.82				30.00	Pass
EHT20	MCS0	4	140	5700	Full	8.32	7.95	8.08	8.94	14.36	17.16				12.82				30.00	Pass
EHT40	MCS0	4	102	5510	Full	10.64	10.31	11.26	11.48	16.97	17.16				12.82				30.00	Pass
EHT40	MCS0	4	110	5550	Full	10.48	10.38	11.20	11.39	16.91	17.16				12.82				30.00	Pass
EHT40	MCS0	4	134	5670	Full	10.77	10.80	11.01	11.10	16.94	17.16				12.82				30.00	Pass
EHT80	MCS0	4	106	5530	Full	10.52	10.46	11.22	11.40	16.94	17.16				12.82				30.00	Pass
EHT80	MCS0	4	122	5610	Full	11.06	10.69	10.86	11.08	16.95	17.16				12.82				30.00	Pass
EHT160	MCS0	4	114	5570	Full	10.85	10.58	11.19	11.55	17.08	17.16				12.82				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 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
EHT20	MCS0	4	144	5720	Full	8.24	8.04	8.35	8.64	14.34	16.35				12.82				30.00	Pass
EHT40	MCS0	4	142	5710	Full	10.92	9.99	11.08	11.41	16.90	17.16				12.82				30.00	Pass
EHT80	MCS0	4	138	5690	Full	10.77	10.53	10.68	10.89	16.74	17.16				12.82				30.00	Pass

TEST RESULTS DATA
Power Spectral Density

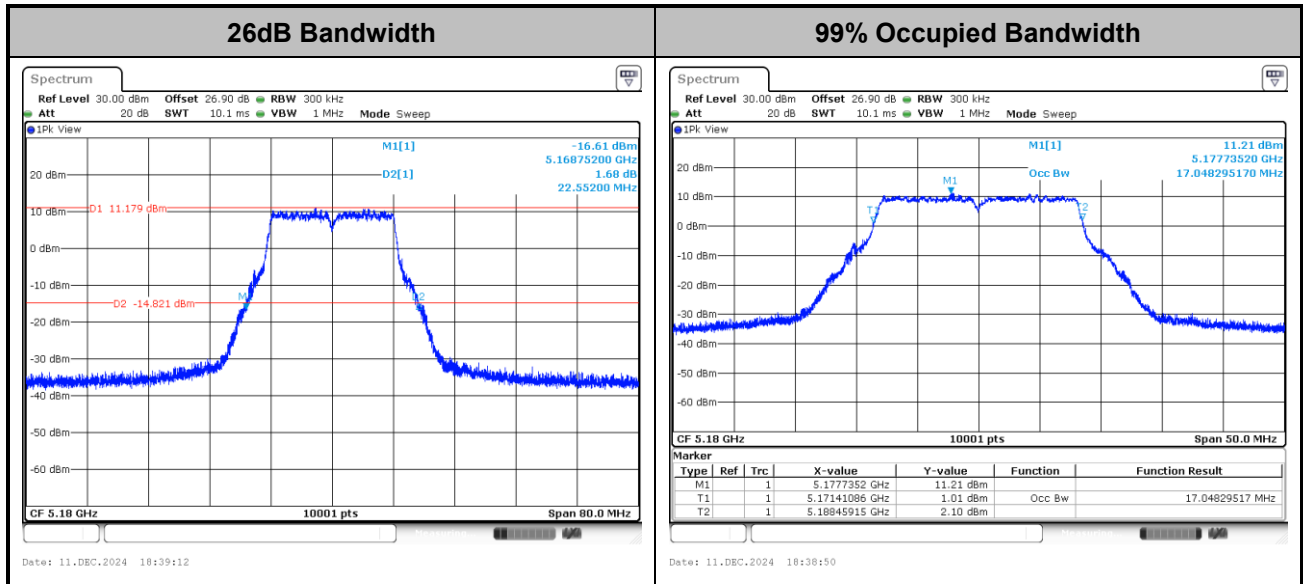
U-NII-2C MIMO 4Tx Mode																				
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	Average Power Density with Duty Factor (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)					Pass /Fail
						Ant 1	Ant 3	Ant 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
EHT20	MCS0	4	100	5500	Full	-				1.53	1.87				15.13					Pass
EHT20	MCS0	4	116	5580	Full	-				1.70	1.87				15.13					Pass
EHT20	MCS0	4	140	5700	Full	-				1.40	1.87				15.13					Pass
EHT40	MCS0	4	102	5510	Full	-				1.40	1.87				15.13					Pass
EHT40	MCS0	4	110	5550	Full	-				1.32	1.87				15.13				-	Pass
EHT40	MCS0	4	134	5670	Full	-				1.37	1.87				15.13					Pass
EHT80	MCS0	4	106	5530	Full	-				-2.21	1.87				15.13					Pass
EHT80	MCS0	4	122	5610	Full	-				-1.64	1.87				15.13					Pass
EHT160	MCS0	4	114	5570	Full	-				-4.32	1.87				15.13					Pass

U-NII-2C straddle channel MIMO 4Tx Mode																				
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)					Pass /Fail
						Ant 1	Ant 3	Ant 2	Ant 4	SUM	Ant 1	Ant 3	Ant 2	Ant 4	Ant 1	Ant 3	Ant 2	Ant 4		
EHT20	MCS0	4	144	5720	Full	-				1.41	1.87				15.13				-	Pass
EHT40	MCS0	4	142	5710	Full	-				1.28	1.87				15.13					Pass
EHT80	MCS0	4	138	5690	Full	-				-1.84	1.87				15.13					Pass

**Test Result of 26dB & 99% Occupied Bandwidth**

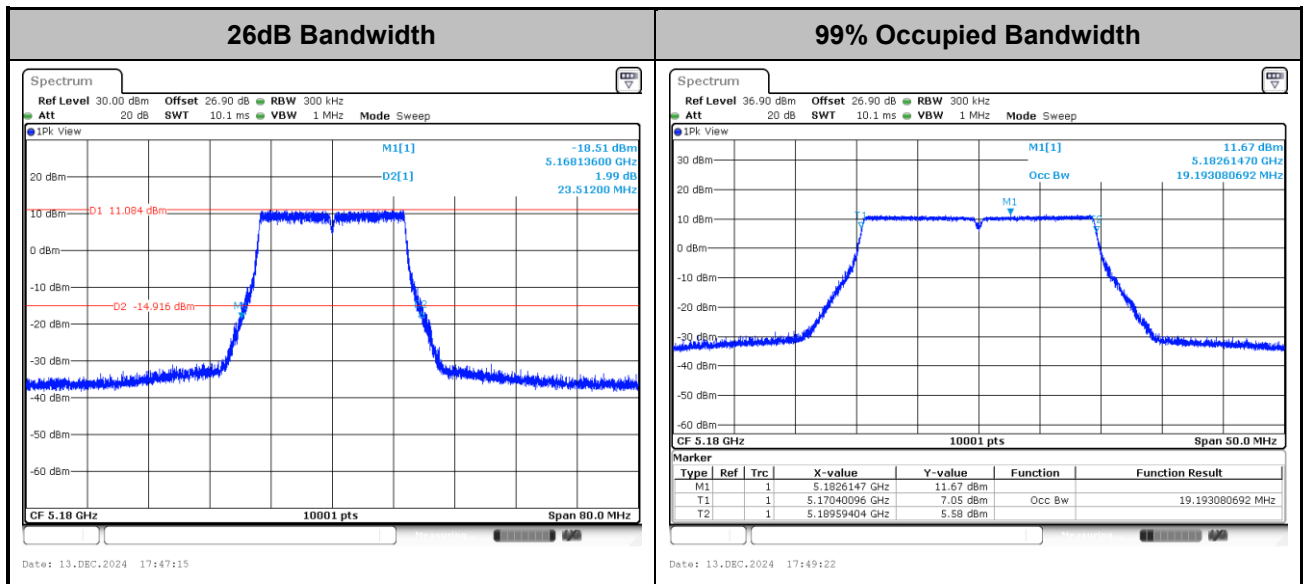
MIMO <Ant. 1+3>

<802.11a>



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

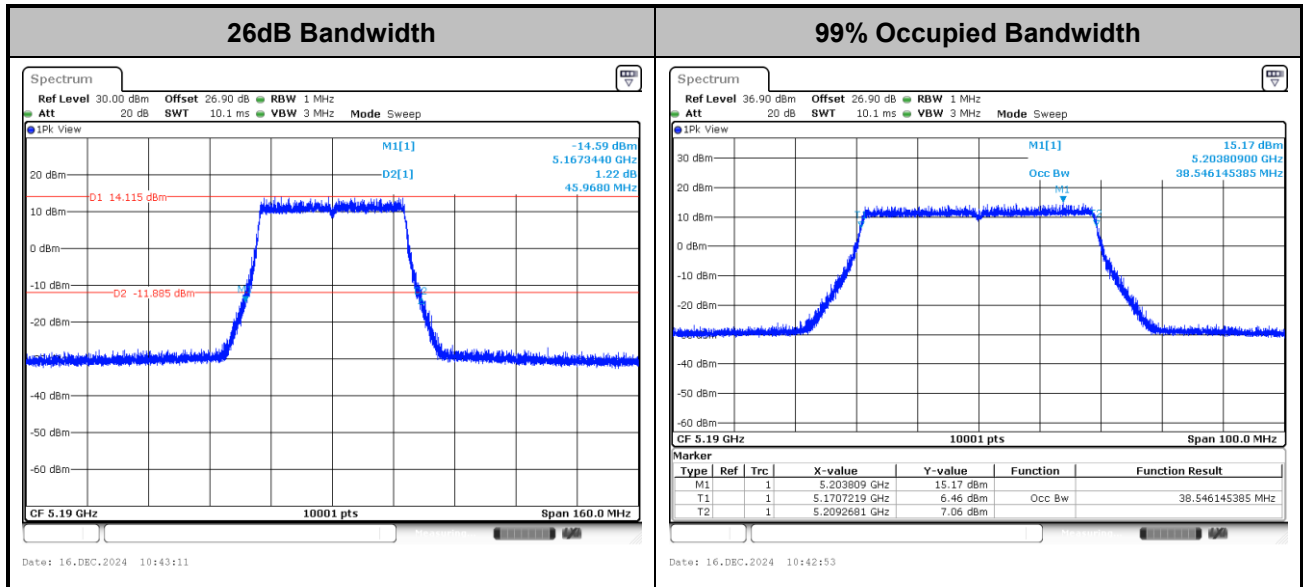
<802.11be EHT20>



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

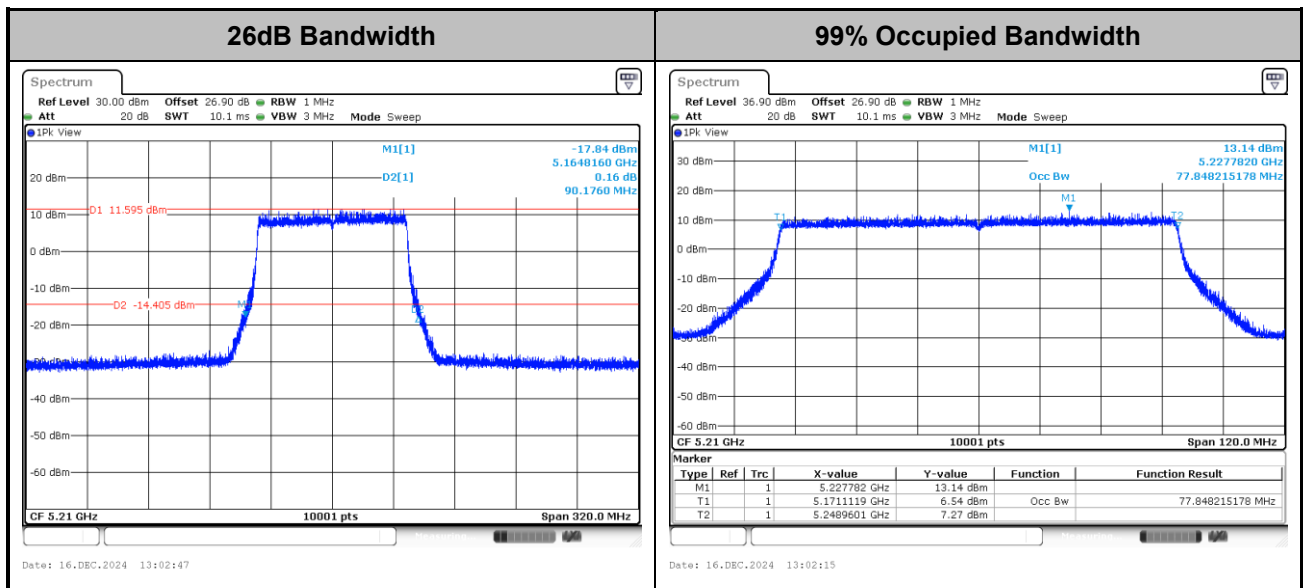


<802.11be EHT40>



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

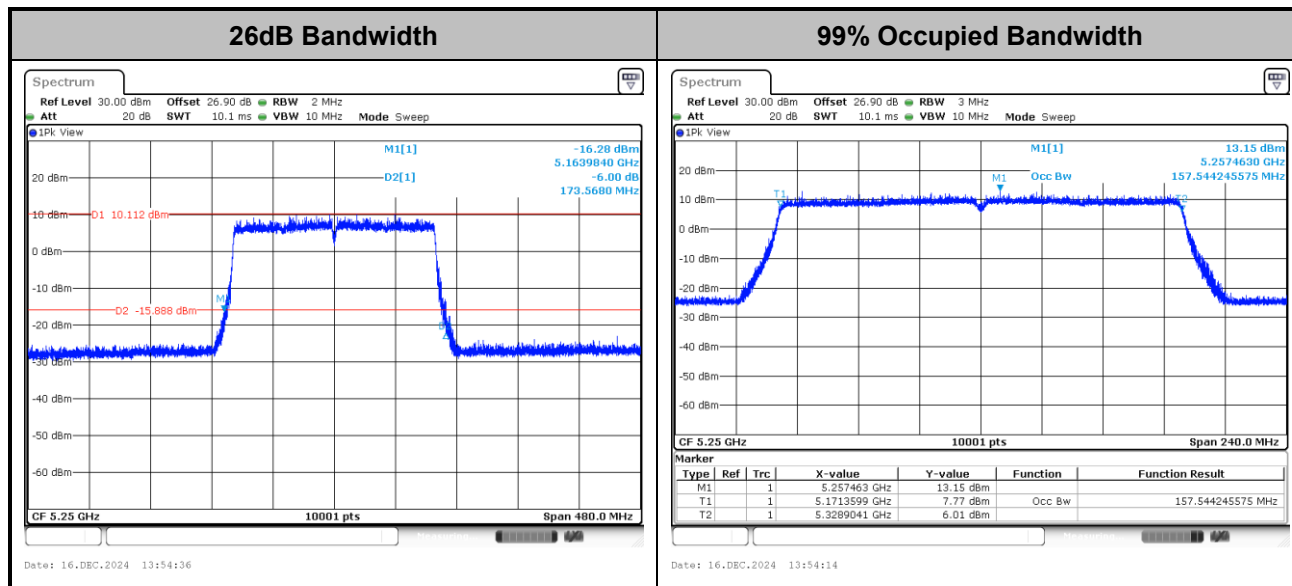
<802.11be EHT80>



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



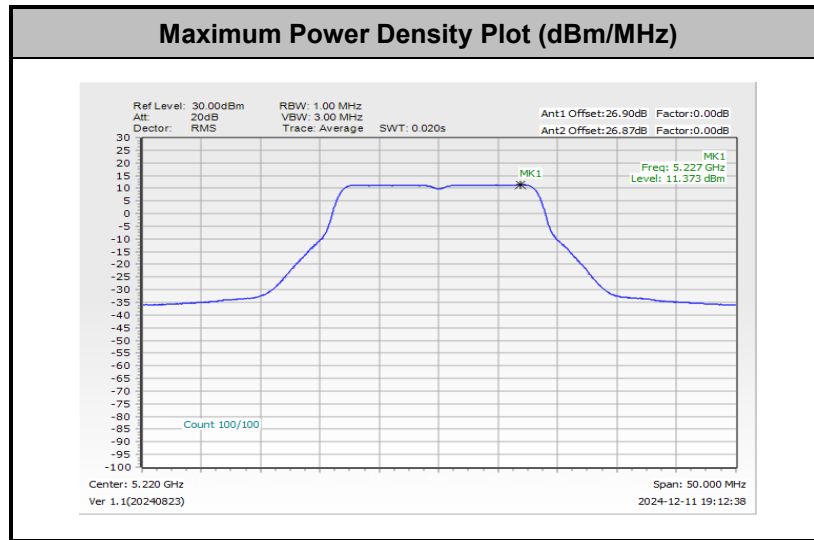
<802.11be EHT160>



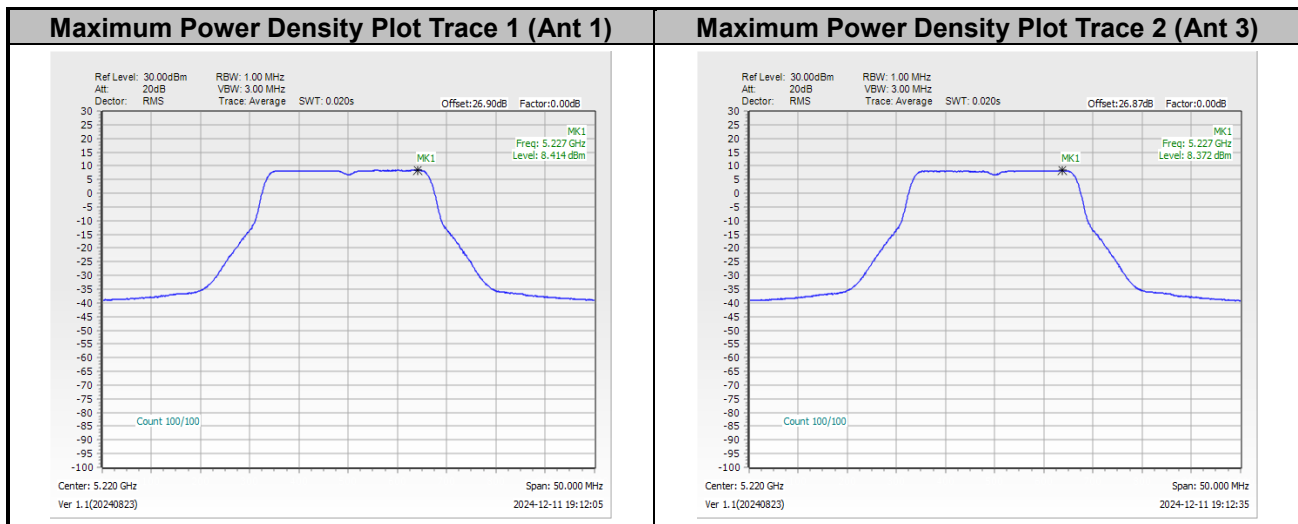
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

**Test Result of Power Spectral Density**

<802.11a>



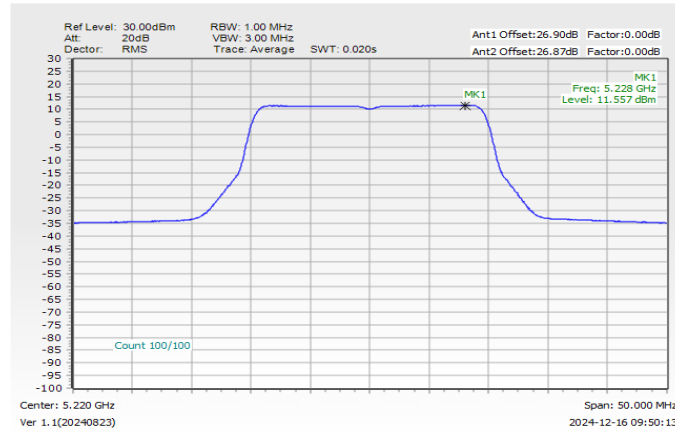
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.





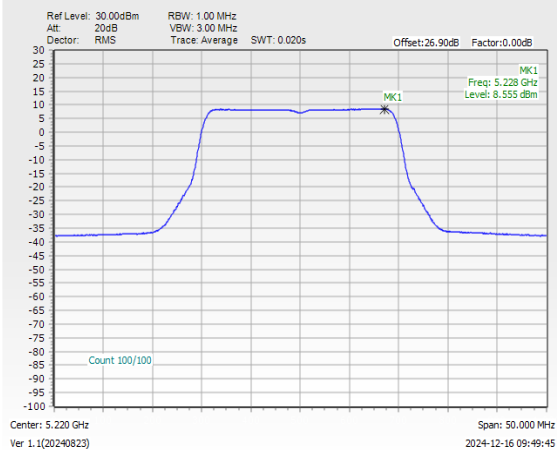
<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)

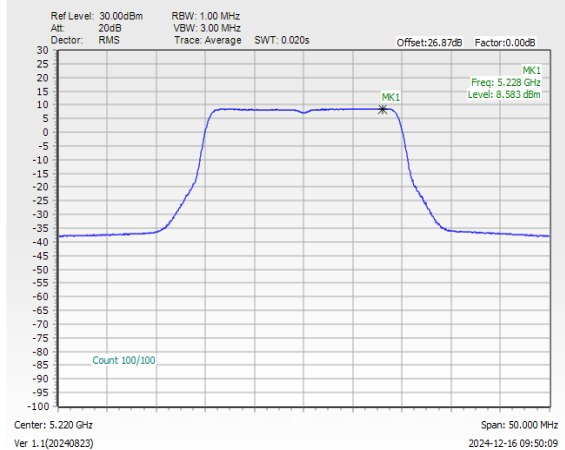


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)

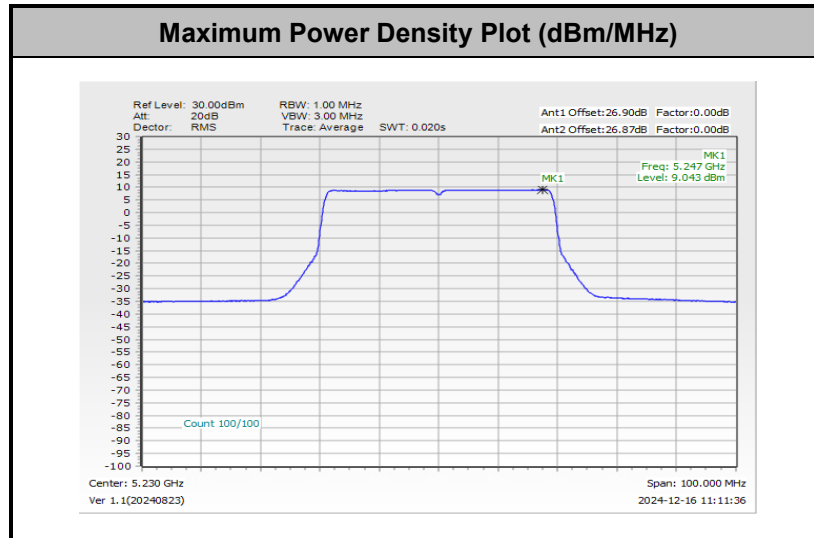


Maximum Power Density Plot Trace 2 (Ant 3)

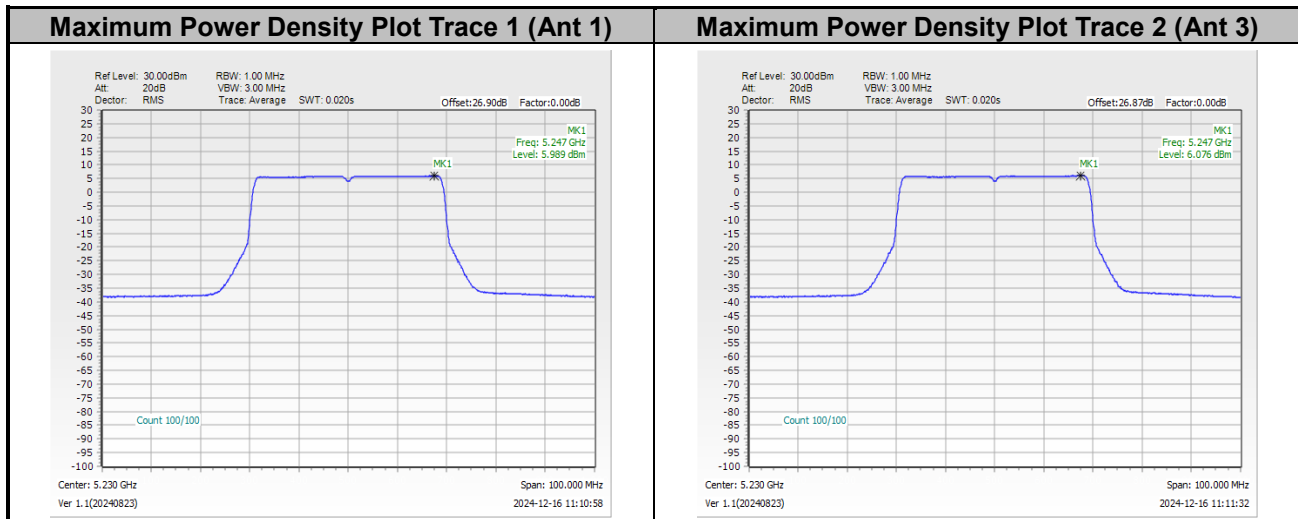




<802.11be EHT40>

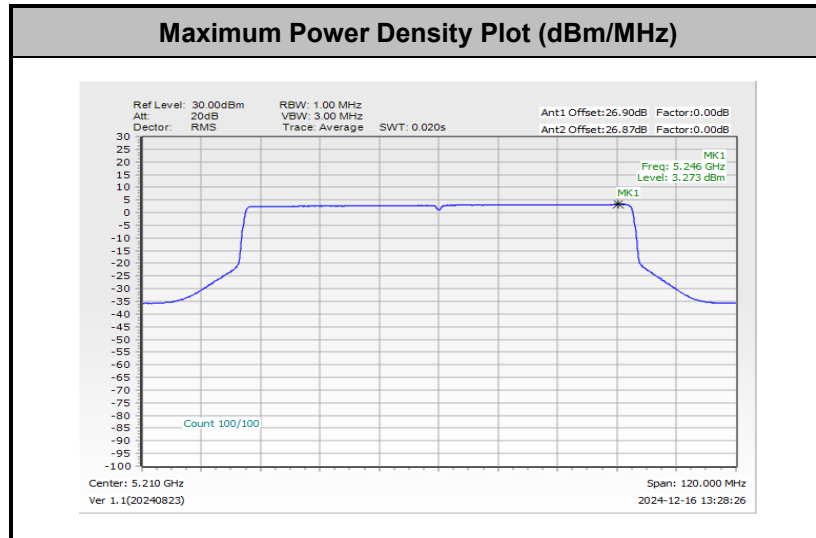


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

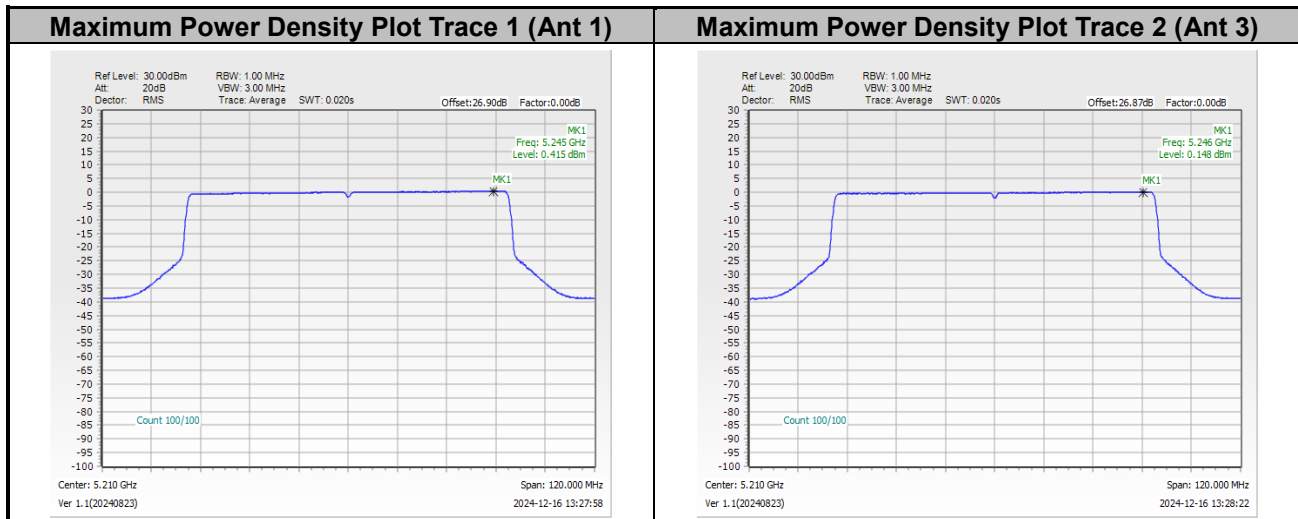




<802.11be EHT80>

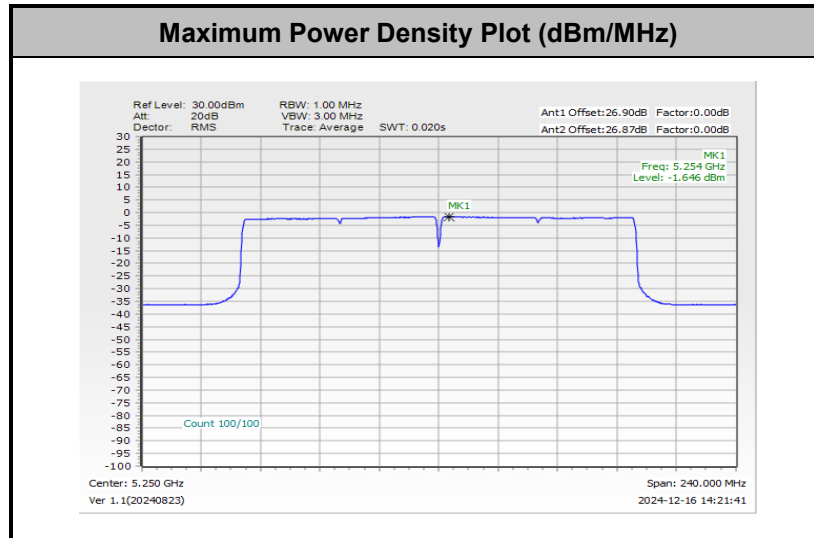


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

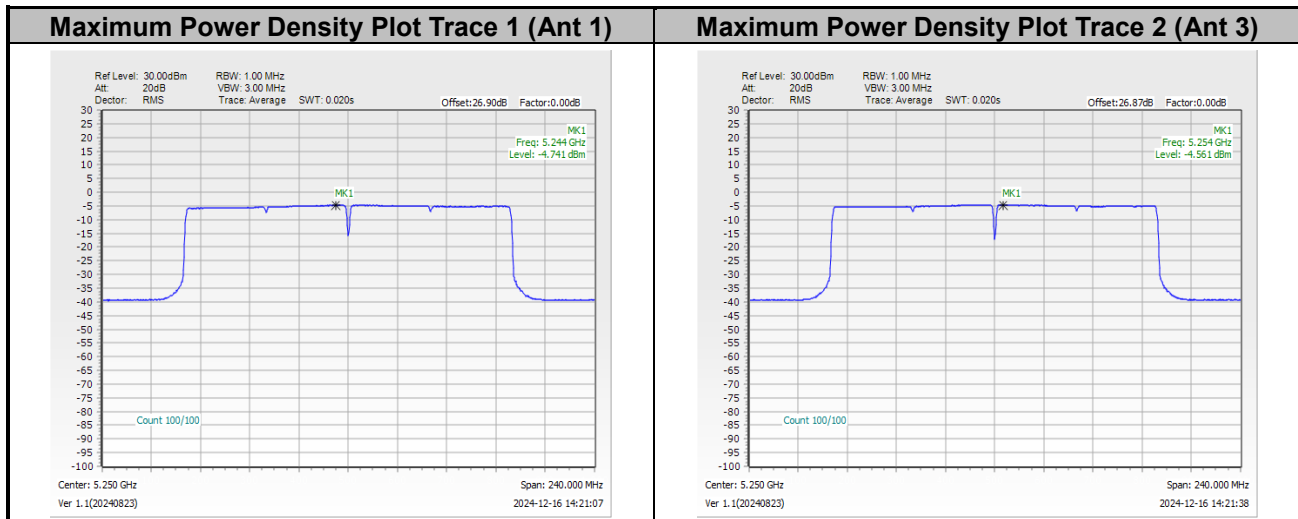


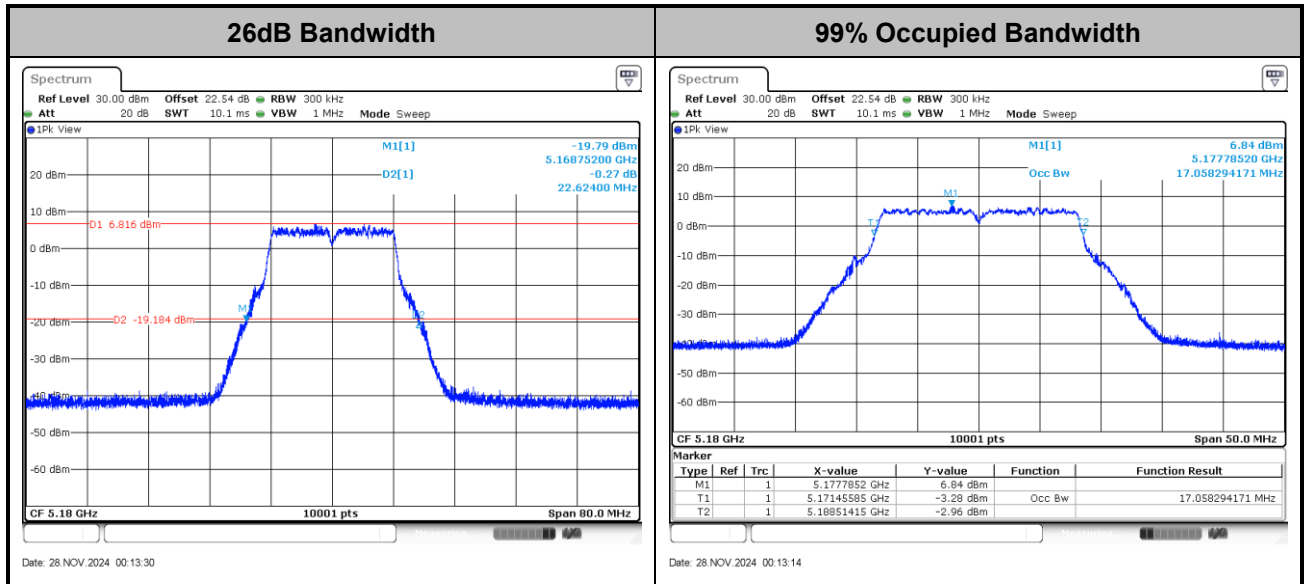


<802.11be EHT160>

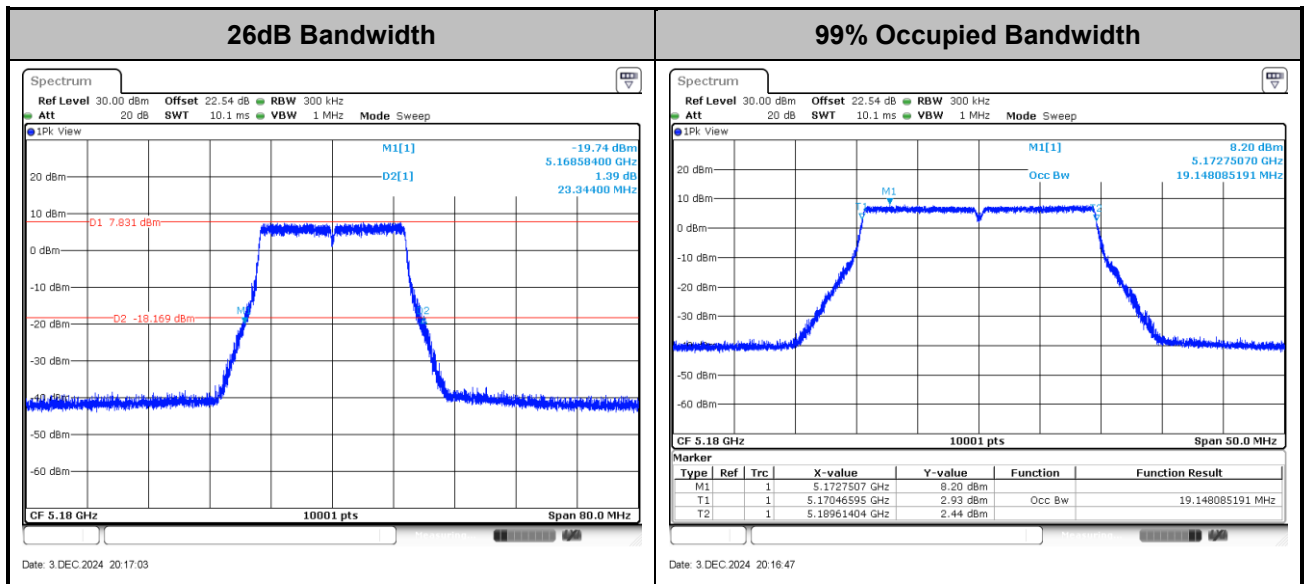


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



Test Result of 26dB & 99% Occupied Bandwidth
MIMO <Ant. 1+3+2+4>
<802.11a>


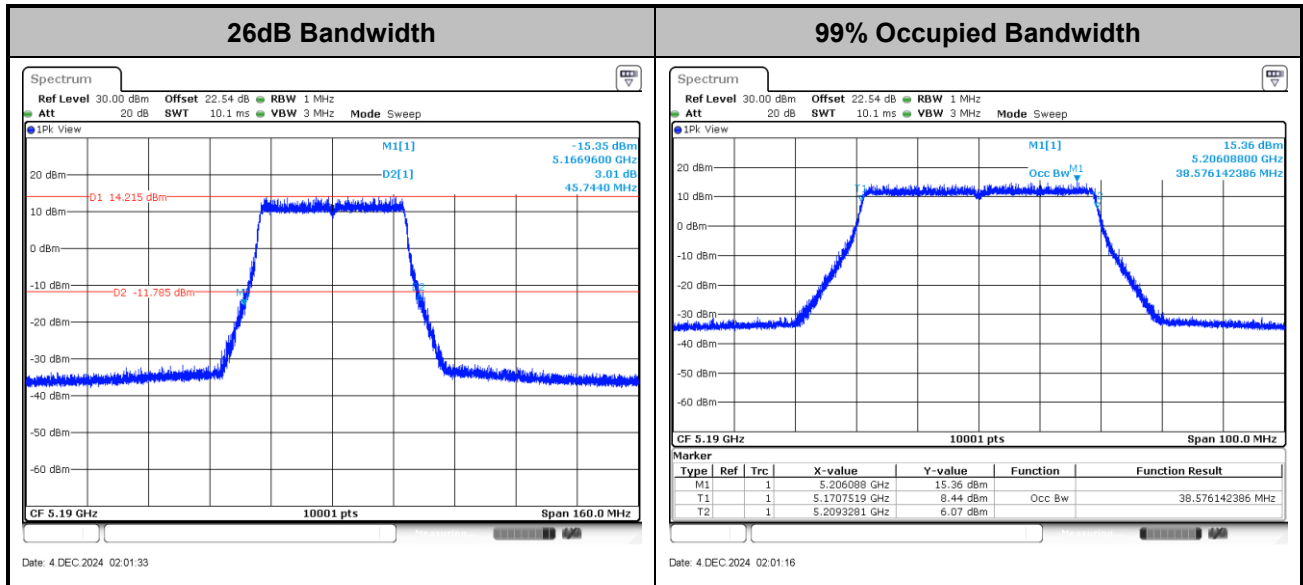
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>


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

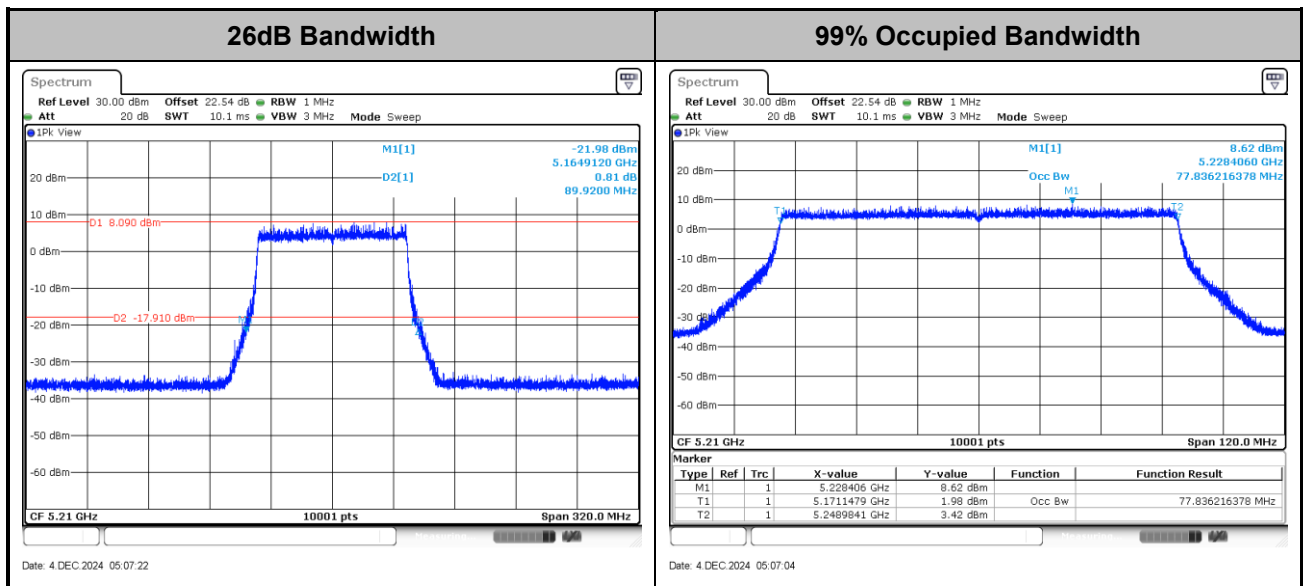


<802.11be EHT40>



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

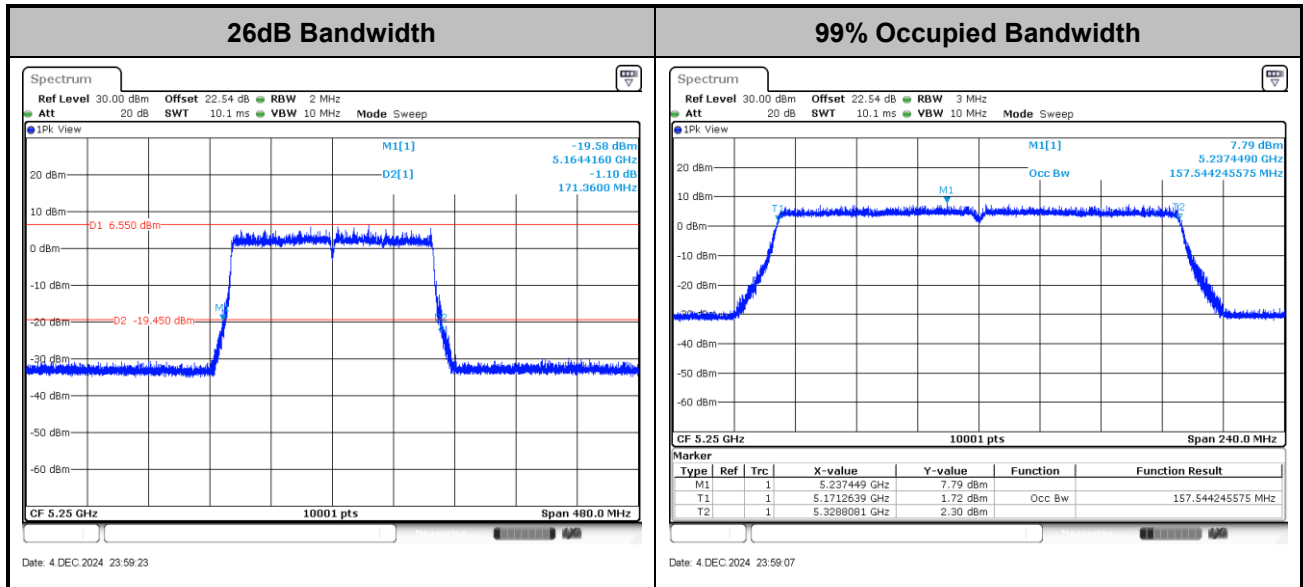
<802.11be EHT80>



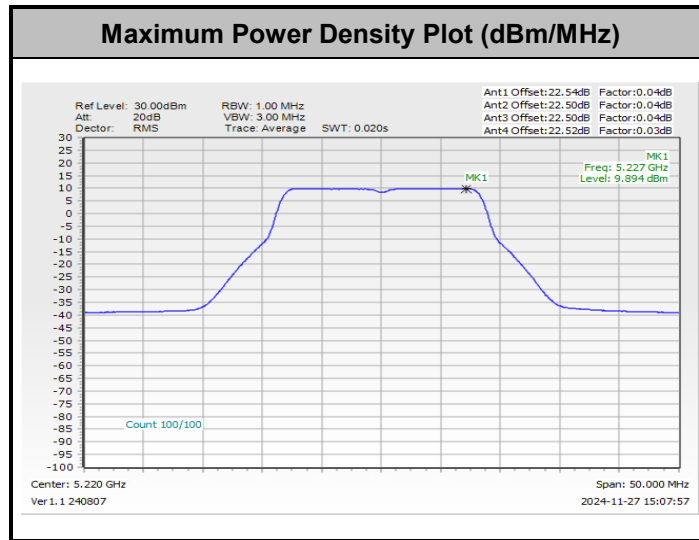
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



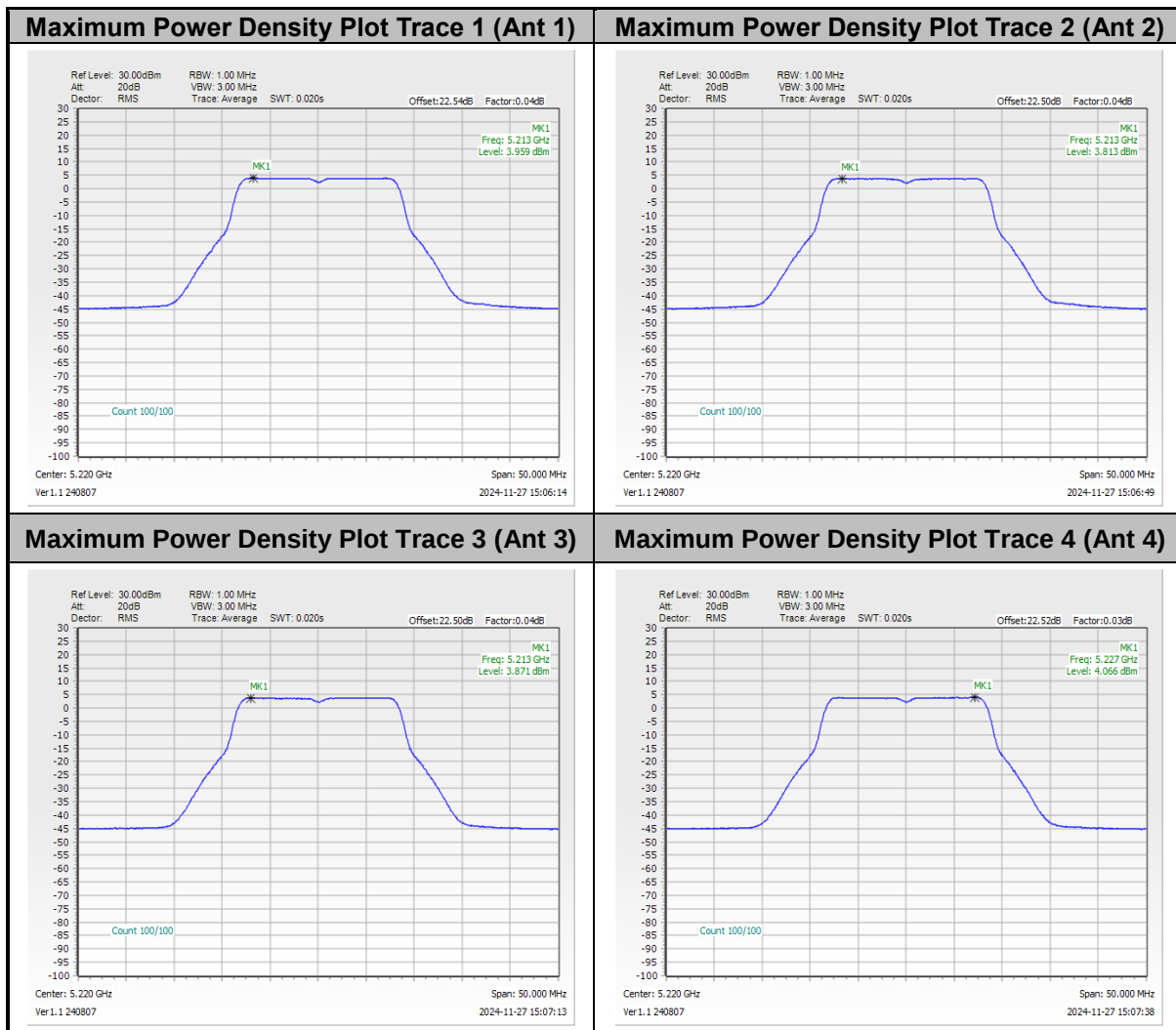
<802.11be EHT160>



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

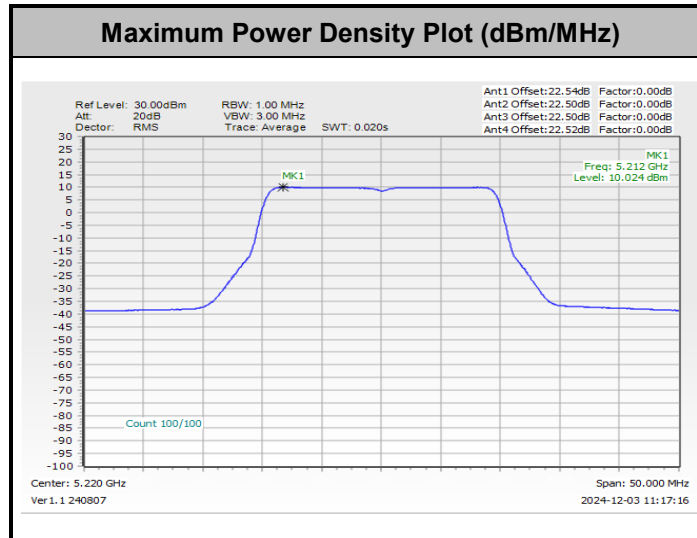
Test Result of Power Spectral Density
<802.11a>


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





<802.11be EHT20>

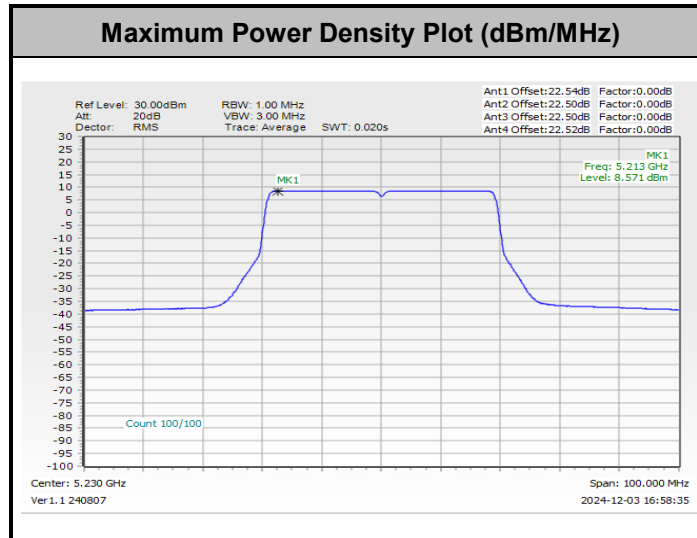


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.





<802.11be EHT40>

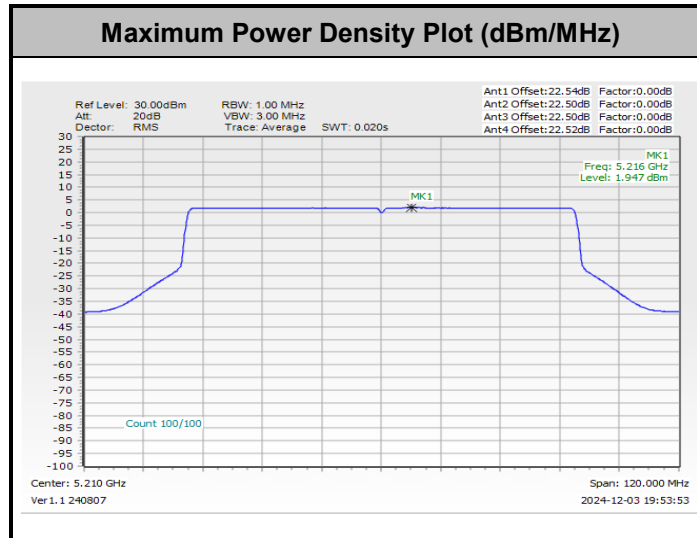


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

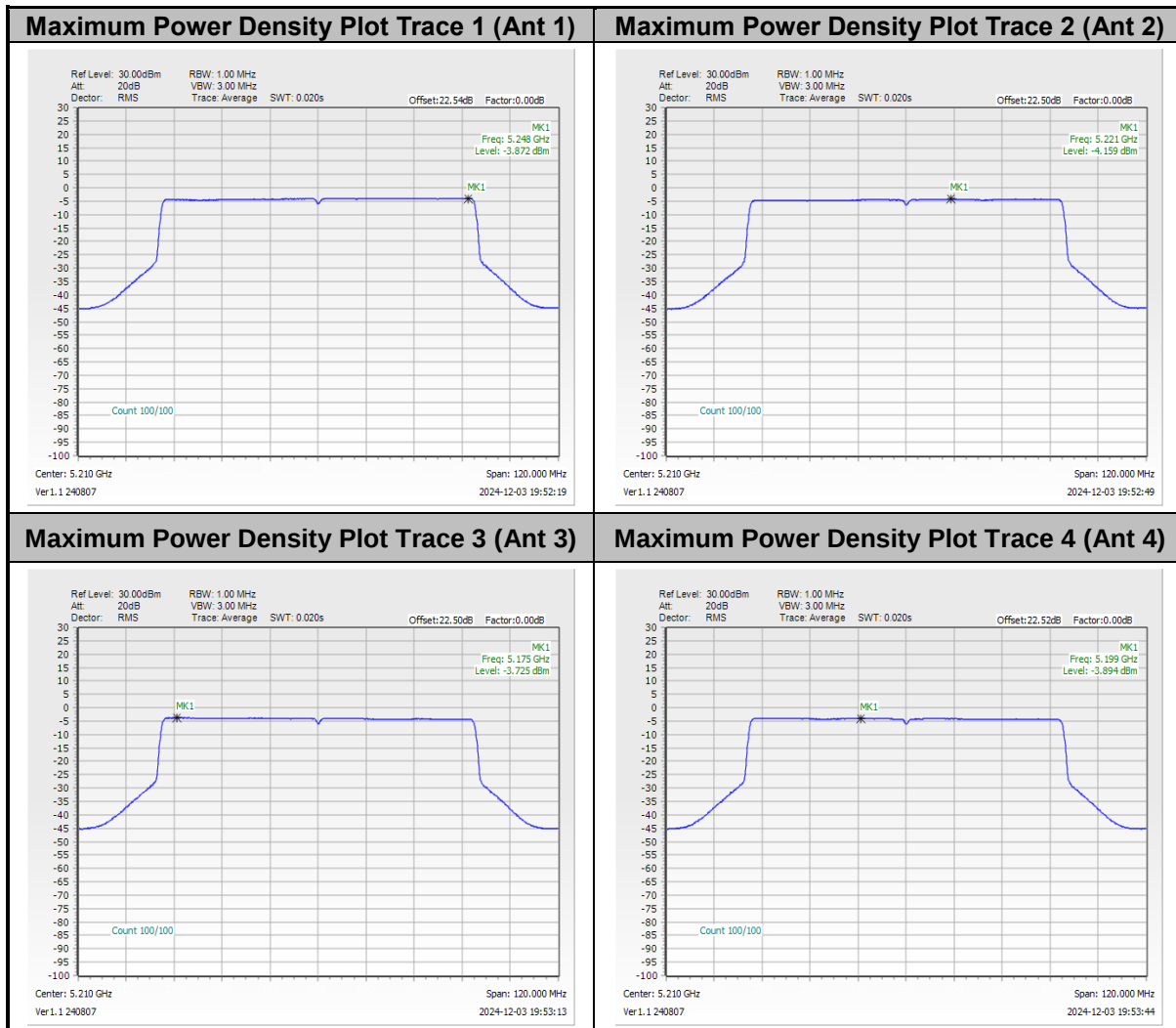




<802.11be EHT80>

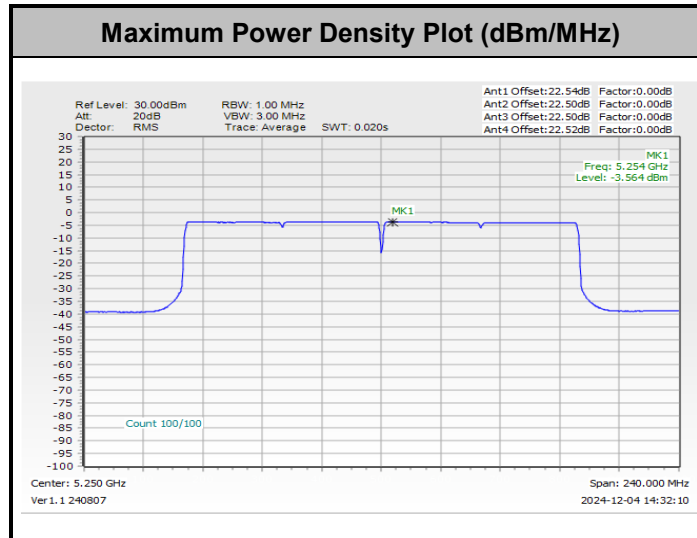


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

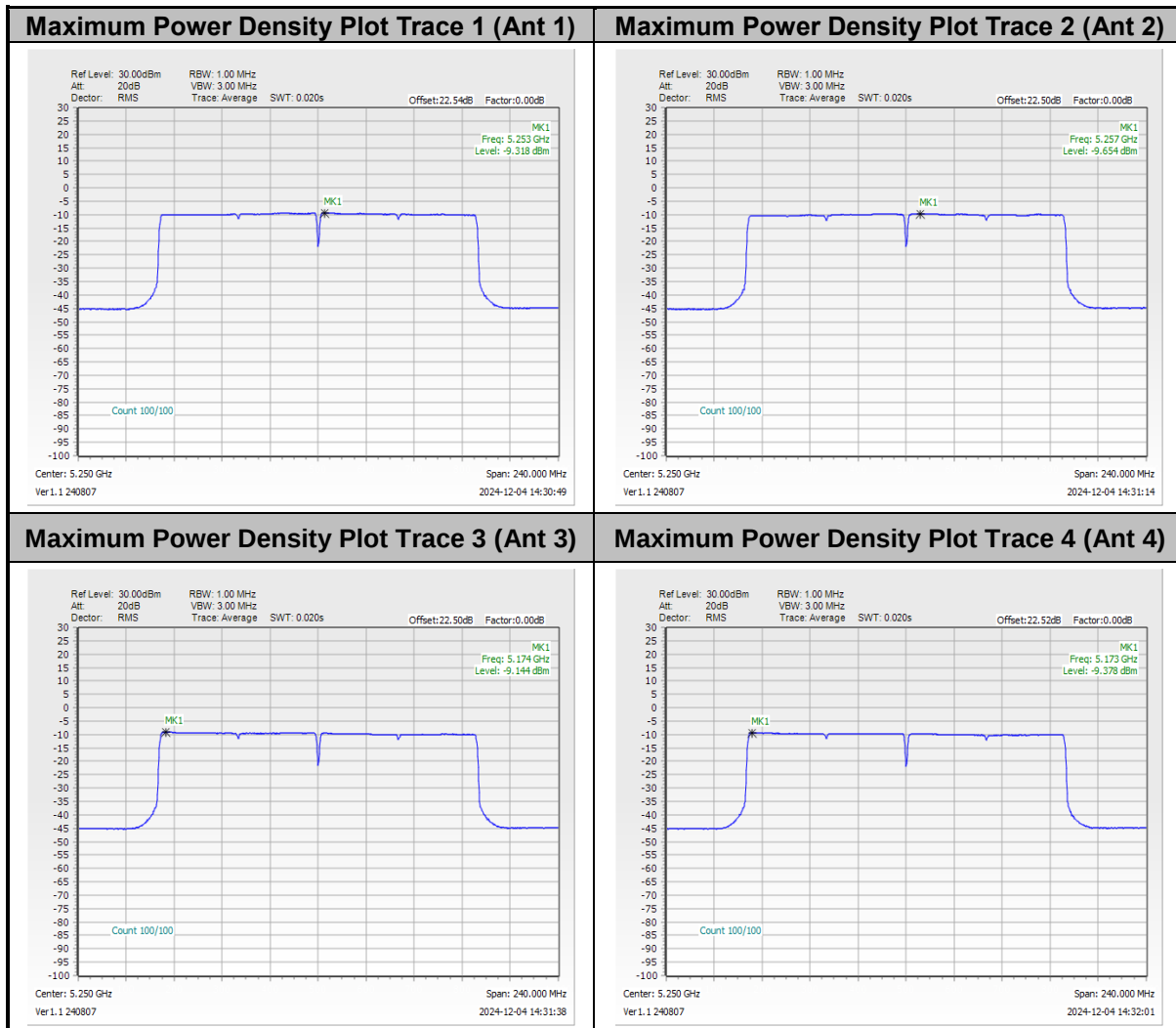




<802.11be EHT160>



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





Appendix B. AC Conducted Emission Test Results

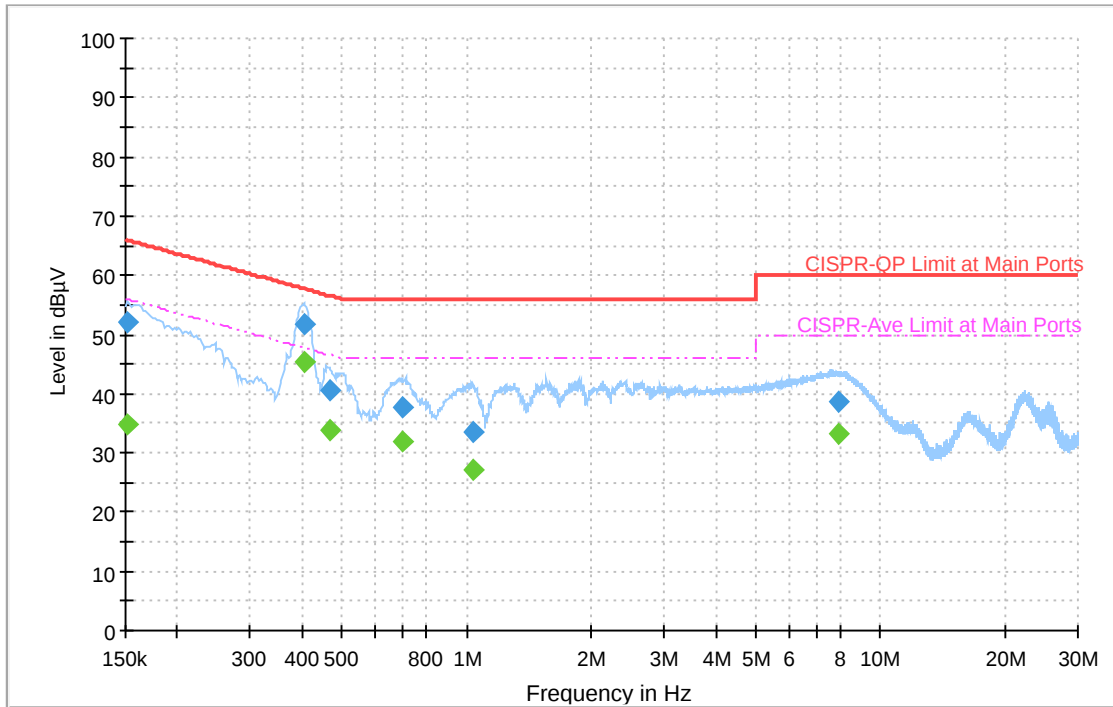
Test Engineer :	Jin Peng	Temperature :	20.1~24.2℃
		Relative Humidity :	41.2~48.5%

EUT Information

Test Site Location : CO01-CA
 Project 240528002
 Power: 120Vac/60Hz

Line

Full Spectrum



Final Result

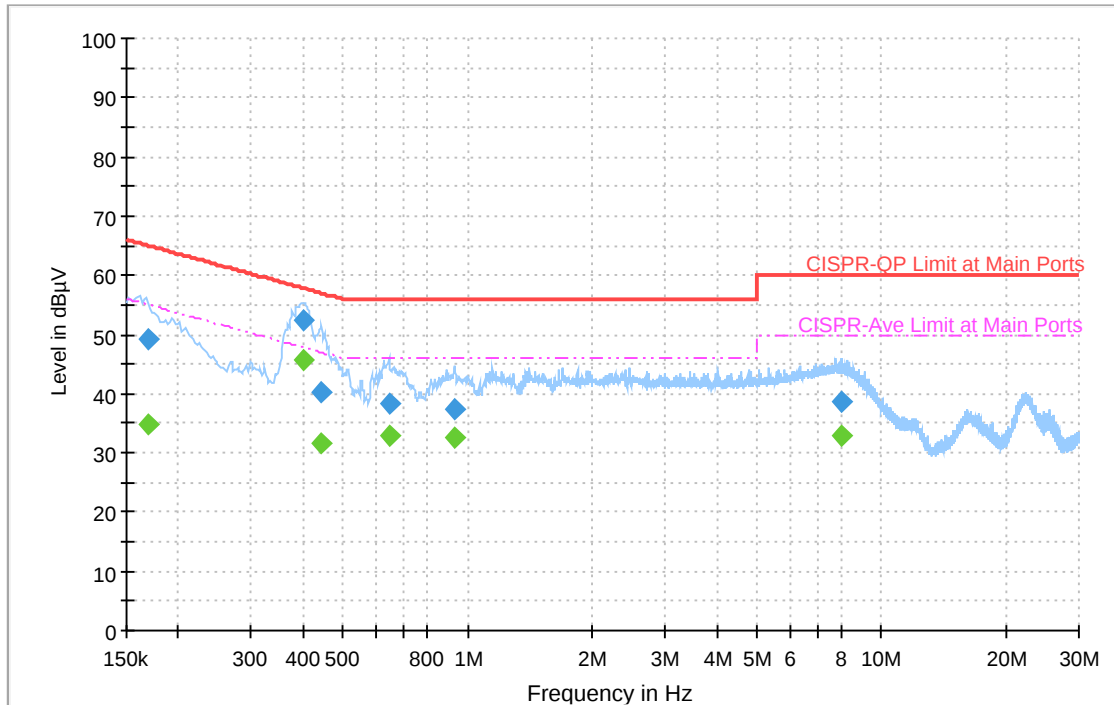
Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.94	55.88	20.94	L1	OFF	20.4
0.152250	51.98	---	65.88	13.90	L1	OFF	20.4
0.404250	---	45.21	47.77	2.56	L1	OFF	20.3
0.404250	51.80	---	57.77	5.97	L1	OFF	20.3
0.465000	---	33.90	46.60	12.70	L1	OFF	20.3
0.465000	40.47	---	56.60	16.13	L1	OFF	20.3
0.703500	---	32.01	46.00	13.99	L1	OFF	20.3
0.703500	37.76	---	56.00	18.24	L1	OFF	20.3
1.041000	---	27.25	46.00	18.75	L1	OFF	20.3
1.041000	33.69	---	56.00	22.31	L1	OFF	20.3
7.890000	---	33.08	50.00	16.92	L1	OFF	21.2
7.890000	38.78	---	60.00	21.22	L1	OFF	21.2

EUT Information

Test Site Location : CO01-CA
 Project 240528002
 Power: 120Vac/60Hz

Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.169224	---	34.72	55.00	20.28	N	OFF	20.3
0.169224	49.17	---	65.00	15.83	N	OFF	20.3
0.401820	---	45.76	47.82	2.06	N	OFF	20.3
0.401820	52.29	---	57.82	5.53	N	OFF	20.3
0.441294	---	31.63	47.04	15.41	N	OFF	20.3
0.441294	40.23	---	57.04	16.81	N	OFF	20.3
0.649194	---	32.80	46.00	13.20	N	OFF	20.3
0.649194	38.32	---	56.00	17.68	N	OFF	20.3
0.931740	---	32.53	46.00	13.47	N	OFF	20.3
0.931740	37.34	---	56.00	18.66	N	OFF	20.3
8.005731	---	32.83	50.00	17.17	N	OFF	21.2
8.005731	38.62	---	60.00	21.38	N	OFF	21.2



Appendix C. Radiated Spurious Emission

Test Engineer :	Bill Chang , Fred Tseng and Jesse Fan	Temperature :	20.1~23.6°C
		Relative Humidity :	39.6~53.2%



<2x2 Mode>

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5141.7	63.24	-10.76	74	47.78	33.1	12.28	29.92	175	196	P	H
		5150	53.46	-0.54	54	38	33.09	12.29	29.92	175	196	A	H
	*	5180	118.21	-	-	102.76	33.05	12.31	29.91	175	196	P	H
	*	5180	109.13	-	-	93.68	33.05	12.31	29.91	175	196	A	H
													H
													H
		5148.98	56.16	-17.84	74	40.7	33.09	12.29	29.92	200	205	P	V
		5149.76	45.94	-8.06	54	30.48	33.09	12.29	29.92	200	205	A	V
	*	5180	99.69	-	-	84.24	33.05	12.31	29.91	200	205	P	V
	*	5180	90.68	-	-	75.23	33.05	12.31	29.91	200	205	A	V
													V
													V
802.11a CH 44 5220MHz		5143.78	60.4	-13.6	74	44.93	33.1	12.29	29.92	185	202	P	H
		5150	49.81	-4.19	54	34.35	33.09	12.29	29.92	185	202	A	H
	*	5220	120.9	-	-	105.43	33	12.36	29.89	185	202	P	H
	*	5220	113.03	-	-	97.56	33	12.36	29.89	185	202	A	H
		5459.16	58.9	-15.1	74	43.22	32.92	12.67	29.91	185	202	P	H
		5453	48.42	-5.58	54	32.74	32.92	12.67	29.91	185	202	A	H
		5079.82	56.42	-17.58	74	40.94	33.16	12.23	29.91	200	208	P	V
		5145.6	45.91	-8.09	54	30.44	33.1	12.29	29.92	200	208	A	V
	*	5220	101.84	-	-	86.37	33	12.36	29.89	200	208	P	V
	*	5220	93.63	-	-	78.16	33	12.36	29.89	200	208	A	V
		5363.68	54.7	-19.3	74	38.98	33.07	12.55	29.9	200	208	P	V
		5460	45.55	-8.45	54	29.86	32.92	12.68	29.91	200	208	A	V



802.11a CH 48 5240MHz		5145.86	59.17	-14.83	74	43.7	33.1	12.29	29.92	168	170	P	H
		5150	49.06	-4.94	54	33.6	33.09	12.29	29.92	168	170	A	H
	*	5240	121.42	-	-	105.95	32.97	12.38	29.88	168	170	P	H
	*	5240	112.82	-	-	97.35	32.97	12.38	29.88	168	170	A	H
		5351.08	59.11	-14.89	74	43.41	33.07	12.53	29.9	168	170	P	H
		5388.32	48.09	-5.91	54	32.37	33.05	12.58	29.91	168	170	A	H
		5147.94	57.38	-16.62	74	41.92	33.09	12.29	29.92	200	210	P	V
		5148.98	45.9	-8.1	54	30.44	33.09	12.29	29.92	200	210	A	V
	*	5240	100.49	-	-	85.02	32.97	12.38	29.88	200	210	P	V
	*	5240	93.07	-	-	77.6	32.97	12.38	29.88	200	210	A	V
		5371.52	55.71	-18.29	74	39.99	33.06	12.56	29.9	200	210	P	V
		5458.6	45.56	-8.44	54	29.88	32.92	12.67	29.91	200	210	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	55.05	-13.15	68.2	67.41	38.78	17.36	68.5	200	122	P	H
		10360	44.64	-9.36	54	57	38.78	17.36	68.5	200	122	A	H
		15540	46.84	-27.16	74	54.21	38.43	21.39	67.19	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	45.78	-22.42	68.2	58.14	38.78	17.36	68.5	-	-	P	V
		15540	46.64	-27.36	74	54.01	38.43	21.39	67.19	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	54.68	-13.52	68.2	66.41	38.84	17.85	68.42	-	-	P	H
		15660	47.04	-26.96	74	54.28	38.16	22.02	67.42	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	47.83	-20.37	68.2	59.56	38.84	17.85	68.42	-	-	P	V
		15660	46.51	-27.49	74	53.75	38.16	22.02	67.42	-	-	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		5150	64.47	-9.53	74	49.01	33.09	12.29	29.92	183	200	P	H
		5150	53.73	-0.27	54	38.27	33.09	12.29	29.92	183	200	A	H
	*	5180	117.45	-	-	102	33.05	12.31	29.91	183	200	P	H
	*	5180	107.62	-	-	92.17	33.05	12.31	29.91	183	200	A	H
													H
													H
		5031.46	55.99	-18.01	74	40.57	33.14	12.2	29.92	200	206	P	V
		5149.76	46.03	-7.97	54	30.57	33.09	12.29	29.92	200	206	A	V
	*	5180	99.23	-	-	83.78	33.05	12.31	29.91	200	206	P	V
	*	5180	89.43	-	-	73.98	33.05	12.31	29.91	200	206	A	V
													V
													V
802.11be EHT20 Full CH 44 5220MHz		5122.46	59.49	-14.51	74	43.99	33.14	12.27	29.91	175	201	P	H
		5150	50.21	-3.79	54	34.75	33.09	12.29	29.92	175	201	A	H
	*	5220	123.06	-	-	107.59	33	12.36	29.89	175	201	P	H
	*	5220	113.07	-	-	97.6	33	12.36	29.89	175	201	A	H
		5381.32	57.75	-16.25	74	42.04	33.05	12.57	29.91	175	201	P	H
		5453	48.39	-5.61	54	32.71	32.92	12.67	29.91	175	201	A	H
		5148.2	57.53	-16.47	74	42.07	33.09	12.29	29.92	200	209	P	V
		5145.6	45.94	-8.06	54	30.47	33.1	12.29	29.92	200	209	A	V
	*	5220	102.07	-	-	86.6	33	12.36	29.89	200	209	P	V
	*	5220	93.11	-	-	77.64	33	12.36	29.89	200	209	A	V
		5425.84	55.2	-18.8	74	39.5	32.98	12.63	29.91	200	209	P	V
		5456.64	45.59	-8.41	54	29.91	32.92	12.67	29.91	200	209	A	V



802.11be EHT20 Full CH 48 5240MHz		5111.54	58.83	-15.17	74	43.32	33.16	12.26	29.91	166	199	P	H
		5150	49.12	-4.88	54	33.66	33.09	12.29	29.92	166	199	A	H
	*	5240	122.72	-	-	107.25	32.97	12.38	29.88	166	199	P	H
	*	5240	113.33	-	-	97.86	32.97	12.38	29.88	166	199	A	H
		5424.44	57.35	-16.65	74	41.65	32.98	12.63	29.91	166	199	P	H
		5350.8	48.28	-5.72	54	32.58	33.07	12.53	29.9	166	199	A	H
		5054.34	56.61	-17.39	74	41.17	33.15	12.21	29.92	200	209	P	V
		5147.68	45.89	-8.11	54	30.43	33.09	12.29	29.92	200	209	A	V
	*	5240	101.65	-	-	86.18	32.97	12.38	29.88	200	209	P	V
	*	5240	92.76	-	-	77.29	32.97	12.38	29.88	200	209	A	V
		5425	55.36	-18.64	74	39.66	32.98	12.63	29.91	200	209	P	V
		5456.08	45.55	-8.45	54	29.87	32.92	12.67	29.91	200	209	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]

[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 48 5240MHz		10480	49.38	-18.82	68.2	60.85	38.88	17.88	68.23	-	-	P	H
		15720	49.71	-24.29	74	57.5	38.08	22.06	67.93	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	



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		5148.46	62.02	-11.98	74	46.56	33.09	12.29	29.92	182	194	P	H
		5147.68	53.14	-0.86	54	37.68	33.09	12.29	29.92	182	194	A	H
	*	5190	115.67	-	-	100.21	33.04	12.32	29.9	182	194	P	H
	*	5190	105.64	-	-	90.18	33.04	12.32	29.9	182	194	A	H
		5410.72	57.98	-16.02	74	42.26	33.02	12.61	29.91	182	194	P	H
		5411.56	47.27	-6.73	54	31.56	33.01	12.61	29.91	182	194	A	H
		5148.2	56.9	-17.1	74	41.44	33.09	12.29	29.92	100	137	P	V
		5149.5	46.02	-7.98	54	30.56	33.09	12.29	29.92	100	137	A	V
	*	5190	91.1	-	-	75.64	33.04	12.32	29.9	100	137	P	V
	*	5190	83.31	-	-	67.85	33.04	12.32	29.9	100	137	A	V
		5367.6	55.77	-18.23	74	40.05	33.06	12.56	29.9	100	137	P	V
		5455.8	45.56	-8.44	54	29.88	32.92	12.67	29.91	100	137	A	V
802.11be EHT40 Full CH 46 5230MHz		5144.82	62.43	-11.57	74	46.96	33.1	12.29	29.92	186	198	P	H
		5149.76	53.41	-0.59	54	37.95	33.09	12.29	29.92	186	198	A	H
	*	5230	118.4	-	-	102.93	32.99	12.37	29.89	186	198	P	H
	*	5230	109.4	-	-	93.93	32.99	12.37	29.89	186	198	A	H
		5365.64	58.95	-15.05	74	43.24	33.06	12.55	29.9	186	198	P	H
		5358.36	49.7	-4.3	54	33.99	33.07	12.54	29.9	186	198	A	H
		5126.88	56.22	-17.78	74	40.74	33.13	12.27	29.92	300	180	P	V
		5148.2	46.09	-7.91	54	30.63	33.09	12.29	29.92	300	180	A	V
	*	5230	83.77	-	-	68.3	32.99	12.37	29.89	300	180	P	V
	*	5230	74.9	-	-	59.43	32.99	12.37	29.89	300	180	A	V
		5417.44	55.85	-18.15	74	40.14	33	12.62	29.91	300	180	P	V
		5458.88	45.7	-8.3	54	30.02	32.92	12.67	29.91	300	180	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]

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 46 5230MHz		10460	47.02	-21.18	68.2	58.63	38.86	17.87	68.34	-	-	P	H
		15690	47.49	-26.51	74	55.03	38.1	22.04	67.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	

**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		5148.46	64.6	-9.4	74	49.14	33.09	12.29	29.92	178	196	P	H
		5150	53.67	-0.33	54	38.21	33.09	12.29	29.92	178	196	A	H
	*	5210	113.66	-	-	98.2	33.02	12.34	29.9	178	196	P	H
	*	5210	103.55	-	-	88.09	33.02	12.34	29.9	178	196	A	H
		5362.56	58.65	-15.35	74	42.93	33.07	12.55	29.9	178	196	P	H
		5350.24	48.77	-5.23	54	33.07	33.07	12.53	29.9	178	196	A	H
		5091.78	56.06	-17.94	74	40.56	33.17	12.24	29.91	200	213	P	V
		5147.68	46.09	-7.91	54	30.63	33.09	12.29	29.92	200	213	A	V
	*	5210	93.14	-	-	77.68	33.02	12.34	29.9	200	213	P	V
	*	5210	84.57	-	-	69.11	33.02	12.34	29.9	200	213	A	V
		5436.48	55.24	-18.76	74	39.55	32.95	12.65	29.91	200	213	P	V
		5458.04	45.55	-8.45	54	29.87	32.92	12.67	29.91	200	213	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	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5130.52	61.04	-12.96	74	45.57	33.12	12.27	29.92	172	199	P	H
		5114.4	50.81	-3.19	54	35.31	33.15	12.26	29.91	172	199	A	H
	*	5250	108.33	-	-	92.85	32.96	12.4	29.88	172	199	P	H
	*	5250	99.59	-	-	84.11	32.96	12.4	29.88	172	199	A	H
		5400.92	63.08	-10.92	74	47.35	33.04	12.6	29.91	172	199	P	H
		5350.8	53.86	-0.14	54	38.16	33.07	12.53	29.9	172	199	A	H
		5059.54	55.79	-18.21	74	40.34	33.15	12.22	29.92	100	127	P	V
		5136.24	45.91	-8.09	54	30.44	33.11	12.28	29.92	100	127	A	V
	*	5250	91.69	-	-	76.21	32.96	12.4	29.88	100	127	P	V
	*	5250	81.68	-	-	66.2	32.96	12.4	29.88	100	127	A	V
		5433.12	56.44	-17.56	74	40.75	32.96	12.64	29.91	100	127	P	V
		5457.2	45.66	-8.34	54	29.98	32.92	12.67	29.91	100	127	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	46.16	-22.04	68.2	57.49	38.89	17.89	68.11	-	-	P	H
		15750	47.45	-26.55	74	55.49	38.06	22.08	68.18	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10500	46	-22.2	68.2	57.33	38.89	17.89	68.11	-	-	P	V
		15750	47.32	-26.68	74	55.36	38.06	22.08	68.18	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 2 - 5250~5350MHz

WIFI 802.11a (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		5127.5	58.08	-15.92	74	42.6	33.13	12.27	29.92	183	197	P	H
		5145.86	48.87	-5.13	54	33.4	33.1	12.29	29.92	183	197	A	H
	*	5260	122.53	-	-	107.03	32.97	12.41	29.88	183	197	P	H
	*	5260	113.11	-	-	97.61	32.97	12.41	29.88	183	197	A	H
		5425.2	58.52	-15.48	74	42.82	32.98	12.63	29.91	183	197	P	H
		5357.28	48.85	-5.15	54	33.14	33.07	12.54	29.9	183	197	A	H
		5139.4	55.61	-18.39	74	40.14	33.11	12.28	29.92	100	134	P	V
		5134.3	45.88	-8.12	54	30.4	33.12	12.28	29.92	100	134	A	V
	*	5260	102.5	-	-	87	32.97	12.41	29.88	100	134	P	V
	*	5260	92.8	-	-	77.3	32.97	12.41	29.88	100	134	A	V
		5454.24	55.74	-18.26	74	40.06	32.92	12.67	29.91	100	134	P	V
		5457.12	45.57	-8.43	54	29.89	32.92	12.67	29.91	100	134	A	V
802.11a CH 60 5300MHz		5128.18	56.69	-17.31	74	41.21	33.13	12.27	29.92	189	193	P	H
		5145.52	48.14	-5.86	54	32.67	33.1	12.29	29.92	189	193	A	H
	*	5300	122.64	-	-	107.06	33.01	12.47	29.9	189	193	P	H
	*	5300	112.99	-	-	97.41	33.01	12.47	29.9	189	193	A	H
		5354.64	64.6	-9.4	74	48.89	33.07	12.54	29.9	189	193	P	H
		5350	53.71	-0.29	54	38.01	33.07	12.53	29.9	189	193	P	H
		5109.48	55.37	-18.63	74	39.86	33.16	12.26	29.91	100	131	P	V
		5137.36	45.88	-8.12	54	30.41	33.11	12.28	29.92	100	131	A	V
	*	5300	104.39	-	-	88.81	33.01	12.47	29.9	100	131	P	V
	*	5300	95.31	-	-	79.73	33.01	12.47	29.9	100	131	A	V
		5431.2	55.9	-18.1	74	40.2	32.97	12.64	29.91	100	131	P	V
		5459.04	45.6	-8.4	54	29.92	32.92	12.67	29.91	100	131	A	V



802.11a CH 64 5320MHz	*	5320	119.92	-	-	104.3	33.03	12.49	29.9	187	206	P	H
	*	5320	111.87	-	-	96.25	33.03	12.49	29.9	187	206	A	H
		5352.76	62.27	-11.73	74	46.56	33.07	12.54	29.9	187	206	P	H
		5350	52.76	-1.24	54	37.06	33.07	12.53	29.9	187	206	A	H
													H
													H
	*	5320	102.98	-	-	87.36	33.03	12.49	29.9	100	130	P	V
	*	5320	94.81	-	-	79.19	33.03	12.49	29.9	100	130	A	V
		5449.64	55.38	-18.62	74	39.71	32.92	12.66	29.91	100	130	P	V
		5455.8	45.57	-8.43	54	29.89	32.92	12.67	29.91	100	130	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	50.3	-17.9	68.2	61.45	38.93	17.91	67.99	400	0	P	H
		15780	47.67	-26.33	74	55.98	38.02	22.1	68.43	400	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	46.36	-21.84	68.2	57.51	38.93	17.91	67.99	100	0	P	V
		15780	47.67	-26.33	74	55.98	38.02	22.1	68.43	100	0	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 60 5300MHz		10600	48.59	-25.41	74	59.39	39.04	17.97	67.81	-	-	P	H
		15900	46.38	-27.62	74	54.35	37.89	22.19	68.05	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	46.64	-27.36	74	57.44	39.04	17.97	67.81	-	-	P	V
		15900	46.54	-27.46	74	54.51	37.89	22.19	68.05	-	-	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 64 5320MHz		10640	46.54	-27.46	74	57.32	39.16	18.01	67.95	-	-	P	H
		15960	47.54	-26.46	74	55.1	37.85	22.24	67.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	46.51	-27.49	74	57.29	39.16	18.01	67.95	-	-	P	V
		15960	47.13	-26.87	74	54.69	37.85	22.24	67.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5122.74	58.05	-15.95	74	42.55	33.14	12.27	29.91	183	195	P	H
		5145.52	48.81	-5.19	54	33.34	33.1	12.29	29.92	183	195	A	H
	*	5260	122.52	-	-	107.02	32.97	12.41	29.88	183	195	P	H
	*	5260	112.69	-	-	97.19	32.97	12.41	29.88	183	195	A	H
		5452.8	59.15	-14.85	74	43.47	32.92	12.67	29.91	183	195	P	H
		5358.48	48.89	-5.11	54	33.18	33.07	12.54	29.9	183	195	A	H
		5120.7	55.9	-18.1	74	40.4	33.14	12.27	29.91	100	128	P	V
		5140.76	45.87	-8.13	54	30.4	33.11	12.28	29.92	100	128	A	V
	*	5260	101.74	-	-	86.24	32.97	12.41	29.88	100	128	P	V
	*	5260	92.25	-	-	76.75	32.97	12.41	29.88	100	128	A	V
		5374.56	55.67	-18.33	74	39.94	33.06	12.57	29.9	100	128	P	V
		5455.92	45.59	-8.41	54	29.91	32.92	12.67	29.91	100	128	A	V
802.11be EHT20 Full CH 60 5300MHz		5137.36	57.66	-16.34	74	42.19	33.11	12.28	29.92	193	205	P	H
		5145.52	48.09	-5.91	54	32.62	33.1	12.29	29.92	193	205	A	H
	*	5300	122.04	-	-	106.46	33.01	12.47	29.9	193	205	P	H
	*	5300	111.52	-	-	95.94	33.01	12.47	29.9	193	205	A	H
		5350.08	63.23	-10.77	74	47.53	33.07	12.53	29.9	193	205	P	H
		5350.08	53.92	-0.08	54	38.22	33.07	12.53	29.9	193	205	P	H
		5004.08	56.46	-17.54	74	41.08	33.13	12.17	29.92	100	128	P	V
		5147.9	45.86	-8.14	54	30.4	33.09	12.29	29.92	100	128	A	V
	*	5300	104.15	-	-	88.57	33.01	12.47	29.9	100	128	P	V
	*	5300	94.09	-	-	78.51	33.01	12.47	29.9	100	128	A	V
		5441.28	55.1	-18.9	74	39.42	32.94	12.65	29.91	100	128	P	V
		5458.8	45.59	-8.41	54	29.91	32.92	12.67	29.91	100	128	A	V



802.11be EHT20 Full CH 64 5320MHz	*	5320	121.47	-	-	105.85	33.03	12.49	29.9	183	208	P	H
	*	5320	109.8	-	-	94.18	33.03	12.49	29.9	183	208	A	H
		5353.92	63.29	-10.71	74	47.58	33.07	12.54	29.9	183	208	P	H
		5350.08	53.9	-0.1	54	38.2	33.07	12.53	29.9	183	208	A	H
													H
													H
	*	5320	103.34	-	-	87.72	33.03	12.49	29.9	100	125	P	V
	*	5320	92.03	-	-	76.41	33.03	12.49	29.9	100	125	A	V
		5413.92	56.11	-17.89	74	40.39	33.01	12.62	29.91	100	125	P	V
		5456.32	45.59	-8.41	54	29.91	32.92	12.67	29.91	100	125	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be EHT20 Full (Harmonic @ 3m)

[illegible]

[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 64 5320MHz		10640	45.95	-28.05	74	56.73	39.16	18.01	67.95	-	-	P	H
		15960	47.14	-26.86	74	54.7	37.85	22.24	67.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	46.88	-27.12	74	57.66	39.16	18.01	67.95	-	-	P	V
		15960	46.07	-27.93	74	53.63	37.85	22.24	67.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 2 5250~5350MHz

WIFI 802.11be 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		5146.2	59.37	-14.63	74	43.9	33.1	12.29	29.92	182	208	P	H
		5145.86	49.53	-4.47	54	34.06	33.1	12.29	29.92	182	208	A	H
	*	5270	117.98	-	-	102.47	32.98	12.42	29.89	182	208	P	H
	*	5270	107.48	-	-	91.97	32.98	12.42	29.89	182	208	A	H
		5353.92	62.5	-11.5	74	46.79	33.07	12.54	29.9	182	208	P	H
		5350.08	53.8	-0.2	54	38.1	33.07	12.53	29.9	182	208	A	H
		5124.78	55.98	-18.02	74	40.49	33.13	12.27	29.91	100	131	P	V
		5144.84	45.91	-8.09	54	30.44	33.1	12.29	29.92	100	131	A	V
	*	5270	99.33	-	-	83.82	32.98	12.42	29.89	100	131	P	V
	*	5270	90.12	-	-	74.61	32.98	12.42	29.89	100	131	A	V
		5389.92	55.18	-18.82	74	39.45	33.05	12.59	29.91	100	131	P	V
		5455.92	45.61	-8.39	54	29.93	32.92	12.67	29.91	100	131	A	V
802.11be EHT40 Full CH 62 5310MHz		5135.32	56.81	-17.19	74	41.33	33.12	12.28	29.92	174	162	P	H
		5145.52	47.57	-6.43	54	32.1	33.1	12.29	29.92	174	162	A	H
	*	5310	115.21	-	-	99.61	33.02	12.48	29.9	174	162	P	H
	*	5310	104.38	-	-	88.78	33.02	12.48	29.9	174	162	A	H
		5351.28	62.48	-11.52	74	46.78	33.07	12.53	29.9	174	162	P	H
		5350.08	53.94	-0.06	54	38.24	33.07	12.53	29.9	174	162	A	H
		5124.1	55.35	-18.65	74	39.85	33.14	12.27	29.91	200	209	P	V
		5149.6	45.93	-8.07	54	30.47	33.09	12.29	29.92	200	209	A	V
	*	5310	100.53	-	-	84.93	33.02	12.48	29.9	200	209	P	V
	*	5310	89.73	-	-	74.13	33.02	12.48	29.9	200	209	A	V
		5435.04	55.4	-18.6	74	39.71	32.96	12.64	29.91	200	209	P	V
		5460	45.64	-8.36	54	29.95	32.92	12.68	29.91	200	209	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		5114.92	57.57	-16.43	74	42.07	33.15	12.26	29.91	163	193	P	H
		5145.52	48.15	-5.85	54	32.68	33.1	12.29	29.92	163	193	A	H
	*	5290	112.45	-	-	96.9	33	12.45	29.9	163	193	P	H
	*	5290	101.58	-	-	86.03	33	12.45	29.9	163	193	A	H
		5364	63.23	-10.77	74	47.51	33.07	12.55	29.9	163	193	P	H
		5352.72	53.75	-0.25	54	38.04	33.07	12.54	29.9	163	193	A	H
		5146.2	56.43	-17.57	74	40.96	33.1	12.29	29.92	200	209	P	V
		5147.9	45.95	-8.05	54	30.49	33.09	12.29	29.92	200	209	A	V
	*	5290	95.99	-	-	80.44	33	12.45	29.9	200	209	P	V
	*	5290	85.77	-	-	70.22	33	12.45	29.9	200	209	A	V
		5375.76	55.07	-18.93	74	39.35	33.06	12.57	29.91	200	209	P	V
		5457.36	45.63	-8.37	54	29.95	32.92	12.67	29.91	200	209	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be EHT80 Full (Harmonic @ 3m)

WIFI Ant. 1+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT80 Full CH 58 5290MHz		10580	46.51	-21.69	68.2	57.34	39.02	17.96	67.81	-	-	P	H
		15870	46.65	-27.35	74	54.81	37.92	22.17	68.25	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	



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		5459.92	65.35	-8.65	74	49.67	32.92	12.67	29.91	169	202	P	H
		5467.44	67.46	-0.74	68.2	51.77	32.92	12.68	29.91	169	202	P	H
		5459.28	53.34	-0.66	54	37.66	32.92	12.67	29.91	169	202	A	H
	*	5500	122.69	-	-	106.97	32.91	12.73	29.92	169	202	P	H
	*	5500	112.63	-	-	96.91	32.91	12.73	29.92	169	202	A	H
													H
		5434.48	56.62	-17.38	74	40.93	32.96	12.64	29.91	200	219	P	V
		5466.96	56.95	-11.25	68.2	41.26	32.92	12.68	29.91	200	219	P	V
		5459.92	45.98	-8.02	54	30.3	32.92	12.67	29.91	200	219	A	V
	*	5500	105.01	-	-	89.29	32.91	12.73	29.92	200	219	P	V
	*	5500	94.87	-	-	79.15	32.91	12.73	29.92	200	219	A	V
													V
802.11a CH 116 5580MHz		5443.36	59.05	-14.95	74	43.38	32.93	12.65	29.91	185	173	P	H
		5467.36	57.65	-10.55	68.2	41.96	32.92	12.68	29.91	185	173	P	H
		5458.96	47.68	-6.32	54	32	32.92	12.67	29.91	185	173	A	H
	*	5580	122.36	-	-	106.43	33.03	12.83	29.93	185	173	P	H
	*	5580	114.39	-	-	98.46	33.03	12.83	29.93	185	173	A	H
		5757.44	58.32	-9.88	68.2	41.61	33.67	13	29.96	185	173	P	H
		5398.96	56.33	-17.67	74	40.6	33.04	12.6	29.91	200	219	P	V
		5463.04	55.83	-12.37	68.2	40.14	32.92	12.68	29.91	200	219	P	V
		5457.76	45.69	-8.31	54	30.01	32.92	12.67	29.91	200	219	A	V
	*	5580	106.84	-	-	90.91	33.03	12.83	29.93	200	219	P	V
	*	5580	98.35	-	-	82.42	33.03	12.83	29.93	200	219	A	V
		5746.1	55.46	-12.74	68.2	38.83	33.6	12.99	29.96	200	219	P	V



802.11a CH 140 5700MHz		5392	60.48	-13.52	74	44.75	33.05	12.59	29.91	156	191	P	H
	*	5700	120.53	-	-	104.22	33.32	12.94	29.95	190	194	P	H
		5398	50.98	-3.02	54	35.25	33.04	12.6	29.91	156	191	P	H
	*	5700	112.94	-	-	96.63	33.32	12.94	29.95	190	194	A	H
		5727.88	67.45	-0.75	68.2	50.95	33.49	12.97	29.96	190	194	P	H
													H
	*	5700	105.52	-	-	89.21	33.32	12.94	29.95	200	208	P	V
	*	5700	97.53	-	-	81.22	33.32	12.94	29.95	200	208	A	V
		5742.2	56.89	-11.31	68.2	40.29	33.57	12.99	29.96	200	208	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	46.99	-27.01	74	57.28	38.97	18.28	67.54	-	-	P	H
		16500	48.6	-19.6	68.2	55.02	38.29	22.69	67.4	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	46.19	-27.81	74	56.48	38.97	18.28	67.54	-	-	P	V
		16500	48.75	-19.45	68.2	55.17	38.29	22.69	67.4	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	49.52	-24.48	74	59.74	39.07	18.41	67.7	187	140	P	H
		11160	38.75	-15.25	54	48.97	39.07	18.41	67.7	187	140	A	H
		16740	46.95	-21.25	68.2	53.75	38.06	22.89	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	48.5	-25.5	74	58.72	39.07	18.41	67.7	400	229	P	V
		11160	37.4	-16.6	54	47.62	39.07	18.41	67.7	400	229	A	V
		16740	46.53	-21.67	68.2	53.33	38.06	22.89	67.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



Report No. : FR240528002B

[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		5458.48	64.82	-9.18	74	49	33.06	12.67	29.91	174	203	P	H
		5468.4	67.15	-1.05	68.2	51.31	33.06	12.69	29.91	174	203	P	H
		5460	53.82	-0.18	54	37.99	33.06	12.68	29.91	174	203	A	H
	*	5500	122.87	-	-	107	33.06	12.73	29.92	174	203	P	H
	*	5500	113.32	-	-	97.45	33.06	12.73	29.92	174	203	A	H
													H
		5458.64	61.96	-12.04	74	46.17	33.03	12.67	29.91	185	223	P	V
		5466.64	64.45	-3.75	68.2	48.65	33.03	12.68	29.91	185	223	P	V
		5460	52.05	-1.95	54	36.25	33.03	12.68	29.91	185	223	A	V
	*	5500	121.6	-	-	105.77	33.02	12.73	29.92	185	223	P	V
	*	5500	112.02	-	-	96.19	33.02	12.73	29.92	185	223	A	V
													V
802.11be EHT20 Full CH 116 5580MHz		5445.76	58.95	-15.05	74	43.27	32.93	12.66	29.91	200	204	P	H
		5464.48	58.15	-10.05	68.2	42.46	32.92	12.68	29.91	200	204	P	H
		5452.72	48.26	-5.74	54	32.58	32.92	12.67	29.91	200	204	A	H
	*	5580	122	-	-	106.07	33.03	12.83	29.93	200	204	P	H
	*	5580	113.23	-	-	97.3	33.03	12.83	29.93	200	204	A	H
		5760.905	58.42	-9.78	68.2	41.68	33.7	13	29.96	200	204	P	H
		5436.16	55.8	-18.2	74	40.11	32.95	12.65	29.91	200	266	P	V
		5466.16	56.19	-12.01	68.2	40.5	32.92	12.68	29.91	200	266	P	V
		5458.96	45.54	-8.46	54	29.86	32.92	12.67	29.91	200	266	A	V
	*	5580	91.9	-	-	75.97	33.03	12.83	29.93	200	266	P	V
	*	5580	83.35	-	-	67.42	33.03	12.83	29.93	200	266	A	V
		5753.975	56.07	-12.13	68.2	39.38	33.65	13	29.96	200	266	P	V



802.11be EHT20 Full CH 140 5700MHz	*	5700	119.08	-	-	102.77	33.32	12.94	29.95	200	134	P	H
	*	5700	111.21	-	-	94.9	33.32	12.94	29.95	200	134	A	H
		5725	67.17	-1.03	68.2	50.68	33.47	12.97	29.95	200	134	P	H
													H
													H
													H
	*	5700	105.07	-	-	88.76	33.32	12.94	29.95	200	208	P	V
	*	5700	96.9	-	-	80.59	33.32	12.94	29.95	200	208	A	V
		5749.32	57.02	-11.18	68.2	40.37	33.62	12.99	29.96	200	208	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]



Report No. : FR240528002B

[illegible]

[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		5459.2	64.46	-9.54	74	48.78	32.92	12.67	29.91	180	180	P	H
		5464.72	66.68	-1.52	68.2	50.99	32.92	12.68	29.91	180	180	P	H
		5459.92	53.76	-0.24	54	38.08	32.92	12.67	29.91	180	180	A	H
	*	5510	119	-	-	103.26	32.92	12.74	29.92	180	180	P	H
	*	5510	108.66	-	-	92.92	32.92	12.74	29.92	180	180	A	H
		5755.235	58.45	-9.75	68.2	41.75	33.66	13	29.96	180	180	P	H
		5456.8	56.52	-17.48	74	40.84	32.92	12.67	29.91	200	222	P	V
		5466.88	57.24	-10.96	68.2	41.55	32.92	12.68	29.91	200	222	P	V
		5459.92	46.31	-7.69	54	30.63	32.92	12.67	29.91	200	222	A	V
	*	5510	101.07	-	-	85.33	32.92	12.74	29.92	200	222	P	V
	*	5510	91.79	-	-	76.05	32.92	12.74	29.92	200	222	A	V
		5760.275	58.74	-9.46	68.2	42.01	33.69	13	29.96	200	222	P	V
802.11be EHT40 Full CH 110 5550MHz		5449.84	64.78	-9.22	74	49.11	32.92	12.66	29.91	189	182	P	H
		5464.48	66.65	-1.55	68.2	50.96	32.92	12.68	29.91	189	182	P	H
		5459.68	52.77	-1.23	54	37.09	32.92	12.67	29.91	189	182	A	H
	*	5550	119.66	-	-	103.82	32.97	12.79	29.92	189	182	P	H
	*	5550	110.93	-	-	95.09	32.97	12.79	29.92	189	182	A	H
		5728.46	58.92	-9.28	68.2	42.42	33.49	12.97	29.96	189	182	P	H
		5447.2	56.26	-17.74	74	40.59	32.92	12.66	29.91	200	215	P	V
		5467.84	56.03	-12.17	68.2	40.34	32.92	12.68	29.91	200	215	P	V
		5459.44	45.96	-8.04	54	30.28	32.92	12.67	29.91	200	215	A	V
	*	5550	103.87	-	-	88.03	32.97	12.79	29.92	200	215	P	V
	*	5550	95.75	-	-	79.91	32.97	12.79	29.92	200	215	A	V
		5741.06	55.3	-12.9	68.2	38.71	33.57	12.98	29.96	200	215	P	V



802.11be EHT40 Full CH 134 5670MHz		5378.9	57.53	-16.47	74	41.81	33.06	12.57	29.91	208	188	P	H
		5461.86	56.08	-12.12	68.2	40.39	32.92	12.68	29.91	208	188	P	H
		5446.9	47.39	-6.61	54	31.71	32.93	12.66	29.91	208	188	A	H
	*	5670	118.36	-	-	102.17	33.22	12.92	29.95	208	188	P	H
	*	5670	109.39	-	-	93.2	33.22	12.92	29.95	208	188	A	H
		5753.345	62.13	-6.07	68.2	45.45	33.64	13	29.96	208	188	P	H
		5389.1	57.65	-16.35	74	41.92	33.05	12.59	29.91	178	216	P	V
		5467.3	57.32	-10.88	68.2	41.63	32.92	12.68	29.91	178	216	P	V
		5452.68	47.63	-6.37	54	31.95	32.92	12.67	29.91	178	216	A	V
	*	5670	120.56	-	-	104.37	33.22	12.92	29.95	178	216	P	V
	*	5670	111.74	-	-	95.55	33.22	12.92	29.95	178	216	A	V
		5725.31	67.01	-1.19	68.2	50.53	33.47	12.97	29.96	178	216	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]

[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 134 5670MHz		11340	47.37	-26.63	74	57.53	39.31	18.55	68.02	-	-	P	H
		17010	47.58	-20.62	68.2	54.36	37.85	23.12	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	



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		5453.68	64.77	-9.23	74	49.09	32.92	12.67	29.91	188	184	P	H
		5470	64.28	-3.92	68.2	48.58	32.92	12.69	29.91	188	184	P	H
		5458.72	53.01	-0.99	54	37.33	32.92	12.67	29.91	188	184	A	H
	*	5530	113.48	-	-	97.69	32.95	12.76	29.92	188	184	P	H
	*	5530	104.05	-	-	88.26	32.95	12.76	29.92	188	184	A	H
		5748.305	58.43	-9.77	68.2	41.79	33.61	12.99	29.96	188	184	P	H
		5444.8	55.69	-18.31	74	40.01	32.93	12.66	29.91	200	206	P	V
		5464	55.29	-12.91	68.2	39.6	32.92	12.68	29.91	200	206	P	V
		5459.92	46.36	-7.64	54	30.68	32.92	12.67	29.91	200	206	A	V
	*	5530	97.64	-	-	81.85	32.95	12.76	29.92	200	206	P	V
	*	5530	87.52	-	-	71.73	32.95	12.76	29.92	200	206	A	V
		5757.125	55.7	-12.5	68.2	38.99	33.67	13	29.96	200	206	P	V
802.11be EHT80 Full CH 122 5610MHz		5459.48	61.79	-12.21	74	46.11	32.92	12.67	29.91	182	192	P	H
		5462.54	61.53	-6.67	68.2	45.84	32.92	12.68	29.91	182	192	P	H
		5459.82	50.89	-3.11	54	35.21	32.92	12.67	29.91	182	192	A	H
	*	5610	118.45	-	-	102.44	33.08	12.86	29.93	182	192	P	H
	*	5610	108.32	-	-	92.31	33.08	12.86	29.93	182	192	A	H
		5729.405	65.6	-2.6	68.2	49.09	33.5	12.97	29.96	182	192	P	H
		5453.7	60.18	-13.82	74	44.5	32.92	12.67	29.91	182	214	P	V
		5467.64	60.23	-7.97	68.2	44.54	32.92	12.68	29.91	182	214	P	V
		5452.68	50.41	-3.59	54	34.73	32.92	12.67	29.91	182	214	A	V
	*	5644	118.63	-	-	102.55	33.14	12.89	29.95	182	214	P	V
	*	5626	109.07	-	-	93.03	33.11	12.87	29.94	182	214	A	V
		5735.075	66.17	-2.03	68.2	49.62	33.53	12.98	29.96	182	214	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be 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		5436.88	64.34	-9.66	74	48.65	32.95	12.65	29.91	192	200	P	H
		5465.92	62.09	-6.11	68.2	46.4	32.92	12.68	29.91	192	200	P	H
		5402.56	53.43	-0.57	54	37.7	33.04	12.6	29.91	192	200	A	H
	*	5570	111.74	-	-	95.84	33.01	12.81	29.92	192	200	P	H
	*	5570	100.97	-	-	85.07	33.01	12.81	29.92	192	200	A	H
		5728.145	64.54	-3.66	68.2	48.04	33.49	12.97	29.96	192	200	P	H
		5415.92	56.22	-17.78	74	40.51	33	12.62	29.91	200	204	P	V
		5468.08	54.03	-14.17	68.2	38.33	32.92	12.69	29.91	200	204	P	V
		5457.2	45.96	-8.04	54	30.28	32.92	12.67	29.91	200	204	A	V
	*	5570	93.59	-	-	77.69	33.01	12.81	29.92	200	204	P	V
	*	5570	84.29	-	-	68.39	33.01	12.81	29.92	200	204	A	V
		5764.055	56.21	-11.99	68.2	39.44	33.72	13.01	29.96	200	204	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be EHT160 Full (Harmonic @ 3m)

WIFI Ant. 1+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT160 Full CH 114 5570MHz		11140	46.84	-27.16	74	57.03	39.05	18.39	67.63	-	-	P	H
		16710	47.87	-20.33	68.2	54.63	38.11	22.88	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be EHT160 Full CH 114 5570MHz		11140	46.62	-27.38	74	56.81	39.05	18.39	67.63	-	-	P	V
		16710	47.9	-20.3	68.2	54.66	38.11	22.88	67.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 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		5419.81	58.77	-15.23	74	43.07	32.99	12.62	29.91	200	162	P	H
		5460.76	54.69	-13.51	68.2	39	32.92	12.68	29.91	200	162	P	H
		5406.16	50.77	-3.23	54	35.04	33.03	12.61	29.91	200	162	A	H
		5410	60.22	-13.78	74	44.5	33.02	12.61	29.91	200	162	P	H
	*	5720	118.58	-	-	102.13	33.44	12.96	29.95	200	162	P	H
		5410	51.99	-2.01	54	36.27	33.02	12.61	29.91	200	162	A	H
	*	5720	110.31	-	-	93.86	33.44	12.96	29.95	200	162	A	H
		5874.6	58.19	-10.01	68.2	40.96	34.12	13.12	30.01	200	162	P	H
		5374.18	55.55	-18.45	74	39.82	33.06	12.57	29.9	300	145	P	V
		5461.15	54.51	-13.69	68.2	38.82	32.92	12.68	29.91	300	145	P	V
		5458.03	45.66	-8.34	54	29.98	32.92	12.67	29.91	300	145	A	V
	*	5720	86.31	-	-	69.86	33.44	12.96	29.95	300	145	P	V
	*	5720	78.19	-	-	61.74	33.44	12.96	29.95	300	145	A	V
		5901.9	57.45	-10.75	68.2	40.14	34.17	13.15	30.01	300	145	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



TEL : 408 9043300

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		5419.03	58.24	-15.76	74	42.53	33	12.62	29.91	181	190	P	H
		5467.39	56.32	-11.88	68.2	40.63	32.92	12.68	29.91	181	190	P	H
		5420.2	49.65	-4.35	54	33.94	32.99	12.63	29.91	181	190	A	H
	*	5720	123.28	-	-	106.83	33.44	12.96	29.95	181	190	P	H
	*	5720	114.92	-	-	98.47	33.44	12.96	29.95	181	190	A	H
		5875.64	59.96	-8.24	68.2	42.73	34.12	13.12	30.01	181	190	P	H
		5415.13	57.63	-16.37	74	41.91	33.01	12.62	29.91	176	194	P	V
		5467	56.77	-11.43	68.2	41.08	32.92	12.68	29.91	176	194	P	V
		5404.6	48.63	-5.37	54	32.9	33.03	12.61	29.91	176	194	A	V
	*	5720	123.74	-	-	107.29	33.44	12.96	29.95	176	194	P	V
	*	5720	116.33	-	-	99.88	33.44	12.96	29.95	176	194	A	V
		5866.54	59.19	-9.01	68.2	41.98	34.11	13.11	30.01	176	194	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	47.62	-26.38	74	57.28	39.32	18.62	67.6	-	-	P	H
		17160	47.93	-20.27	68.2	54.26	38.18	23.26	67.77	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	46.62	-27.38	74	56.28	39.32	18.62	67.6	-	-	P	V
		17160	47.94	-20.26	68.2	54.27	38.18	23.26	67.77	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 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		5406.94	61.35	-12.65	74	45.62	33.03	12.61	29.91	170	204	P	H
		5461.93	57.94	-10.26	68.2	42.25	32.92	12.68	29.91	170	204	P	H
		5398.75	52.38	-1.62	54	36.65	33.04	12.6	29.91	170	204	A	H
		5398	62.89	-11.11	74	47.16	33.04	12.6	29.91	170	204	P	H
	*	5710	119.97	-	-	103.59	33.38	12.95	29.95	170	204	P	H
		5404	53.54	-0.46	54	37.81	33.03	12.61	29.91	170	204	P	H
	*	5710	109.89	-	-	93.51	33.38	12.95	29.95	170	204	A	H
		5850.94	61	-7.2	68.2	43.84	34.08	13.09	30.01	170	204	P	H
		5425.27	54.71	-19.29	74	39.01	32.98	12.63	29.91	200	203	P	V
		5460.76	53.69	-14.51	68.2	38	32.92	12.68	29.91	200	203	P	V
		5416.3	45.85	-8.15	54	30.14	33	12.62	29.91	200	203	A	V
	*	5710	104.87	-	-	88.49	33.38	12.95	29.95	200	203	P	V
	*	5710	96.59	-	-	80.21	33.38	12.95	29.95	200	203	A	V
		5919.32	57.09	-11.11	68.2	39.75	34.19	13.17	30.02	200	203	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT40 Full CH 142 5710MHz		11420	46.91	-27.09	74	56.63	39.34	18.61	67.67	-	-	P	H
		17130	47.91	-20.29	68.2	54.36	38.08	23.23	67.76	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11420	47.41	-26.59	74	57.13	39.34	18.61	67.67	-	-	P	V
		17130	47.92	-20.28	68.2	54.37	38.08	23.23	67.76	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 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		5401.09	62.01	-11.99	74	46.28	33.04	12.6	29.91	174	190	P	H
		5466.22	58.17	-10.03	68.2	42.48	32.92	12.68	29.91	174	190	P	H
		5376.13	51.51	-2.49	54	35.79	33.06	12.57	29.91	174	190	A	H
		5362	63.67	-10.33	74	47.95	33.07	12.55	29.9	174	190	P	H
	*	5690	116.31	-	-	100.03	33.29	12.94	29.95	174	190	P	H
		5380	52.82	-1.18	54	37.1	33.06	12.57	29.91	174	190	A	H
	*	5690	107.01	-	-	90.73	33.29	12.94	29.95	174	190	A	H
		5855.36	67.13	-1.07	68.2	49.96	34.08	13.1	30.01	174	190	P	H
		5438.92	55.9	-18.1	74	40.21	32.95	12.65	29.91	200	195	P	V
		5467.78	54.97	-13.23	68.2	39.28	32.92	12.68	29.91	200	195	P	V
		5459.98	45.64	-8.36	54	29.96	32.92	12.67	29.91	200	195	A	V
	*	5690	98.93	-	-	82.65	33.29	12.94	29.95	200	195	P	V
	*	5690	90.52	-	-	74.24	33.29	12.94	29.95	200	195	A	V
		5861.08	56.99	-11.21	68.2	39.8	34.1	13.1	30.01	200	195	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	47.88	-26.12	74	57.79	39.34	18.58	67.83	-	-	P	H
		17070	47.91	-20.29	68.2	54.55	37.93	23.18	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11380	47.53	-26.47	74	57.44	39.34	18.58	67.83	-	-	P	V
		17070	48.37	-19.83	68.2	55.01	37.93	23.18	67.75	222	164	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

WIFI 802.11be EHT20 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 EHT20 Full SHF		25817.76	42.22	-25.98	68.2	36.56	38.8	19.71	52.85	-	-	P	H
		39383.56	54.5	-19.5	74	37.32	44.22	26.96	54	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	



Emission below 1GHz

WIFI 802.11be EHT20 Full (LF @ 3m)

WIFI Ant. 1+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT20 Full LF		135.75	33.67	-9.83	43.5	46.53	17.57	2.01	32.44	-	-	P	H
		249.96	26.43	-19.57	46	37.92	18.19	2.75	32.43	-	-	P	H
		374.98	30.81	-15.19	46	39.05	20.93	3.35	32.52	-	-	P	H
		737.476	29.53	-16.47	46	29.52	27.75	4.73	32.47	-	-	P	H
		850.201	34.89	-11.11	46	32.6	28.98	5.29	31.98	-	-	P	H
		875.251	35.89	-10.11	46	33.48	28.88	5.32	31.79	-	-	P	H
													H
													H
													H
													H
													H
													H
		128.23	31.98	-11.52	43.5	44.81	17.66	1.94	32.43	-	-	P	V
		169.12	33.78	-9.72	43.5	48.28	15.71	2.23	32.44	-	-	P	V
		374.98	30.11	-15.89	46	38.35	20.93	3.35	32.52	-	-	P	V
		624.25	31.78	-14.22	46	34.13	25.95	4.33	32.63	-	-	P	V
		850.201	34.32	-11.68	46	32.03	28.98	5.29	31.98	-	-	P	V
		993.988	34.24	-19.76	54	29.08	30.27	5.72	30.83	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



<4x4 Mode>

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2+3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.5	63.19	-10.81	74	47.73	33.09	12.29	29.92	185	132	P	H
		5150	53.15	-0.85	54	37.69	33.09	12.29	29.92	185	132	A	H
	*	5180	121.72	-	-	106.27	33.05	12.31	29.91	185	132	P	H
	*	5180	112.31	-	-	96.86	33.05	12.31	29.91	185	132	A	H
													H
													H
		5148.98	60.26	-13.74	74	44.8	33.09	12.29	29.92	200	159	P	V
		5150	50.15	-3.85	54	34.69	33.09	12.29	29.92	200	159	A	V
	*	5180	116.69	-	-	101.24	33.05	12.31	29.91	200	159	P	V
	*	5180	107.4	-	-	91.95	33.05	12.31	29.91	200	159	A	V
													V
													V
802.11a CH 44 5220MHz		5060.06	62.58	-11.42	74	47.13	33.15	12.22	29.92	181	208	P	H
		5073.84	52.46	-1.54	54	36.99	33.16	12.23	29.92	181	208	A	H
	*	5220	124.89	-	-	109.42	33	12.36	29.89	181	208	P	H
		5074	53.34	-0.66	54	37.87	33.16	12.23	29.92	181	208	P	H
	*	5220	117.83	-	-	102.36	33	12.36	29.89	181	208	A	H
		5368.72	60.1	-13.9	74	44.38	33.06	12.56	29.9	181	208	P	H
		5107.9	59.36	-14.64	74	43.85	33.16	12.26	29.91	202	140	P	V
		5149.76	50.04	-3.96	54	34.58	33.09	12.29	29.92	202	140	A	V
	*	5220	122.19	-	-	106.72	33	12.36	29.89	202	140	P	V
	*	5220	114.68	-	-	99.21	33	12.36	29.89	202	140	A	V
		5366.76	59.28	-14.72	74	43.56	33.06	12.56	29.9	202	140	P	V
		5453.28	49.32	-4.68	54	33.64	32.92	12.67	29.91	202	140	A	V



802.11a CH 48 5240MHz		5094.12	62.41	-11.59	74	46.9	33.17	12.25	29.91	173	203	P	H
		5093.6	53.44	-0.56	54	37.94	33.17	12.24	29.91	173	203	A	H
	*	5240	125.18	-	-	109.71	32.97	12.38	29.88	173	203	P	H
	*	5240	118.76	-	-	103.29	32.97	12.38	29.88	173	203	A	H
		5398.4	61.32	-12.68	74	45.59	33.04	12.6	29.91	173	203	P	H
		5399.24	51.88	-2.12	54	36.15	33.04	12.6	29.91	173	203	A	H
		5117.78	59.5	-14.5	74	44	33.15	12.26	29.91	208	144	P	V
		5147.16	49.29	-4.71	54	33.83	33.09	12.29	29.92	208	144	A	V
	*	5240	122.9	-	-	107.43	32.97	12.38	29.88	208	144	P	V
	*	5240	114.5	-	-	99.03	32.97	12.38	29.88	208	144	A	V
		5365.08	59.21	-14.79	74	43.5	33.06	12.55	29.9	208	144	P	V
		5352.76	48.61	-5.39	54	32.9	33.07	12.54	29.9	208	144	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	55.71	-12.49	68.2	67.64	38.78	17.79	68.5	183	45	P	H
		15540	47.85	-26.15	74	54.78	38.43	21.83	67.19	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	51.31	-16.89	68.2	63.24	38.78	17.79	68.5	191	352	P	V
		15540	47.73	-26.27	74	54.66	38.43	21.83	67.19	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	63.48	-4.72	68.2	75.21	38.84	17.85	68.42	199	44	P	H
		15660	54.54	-19.46	74	61.87	38.16	21.93	67.42	205	41	P	H
		15660	44.66	-9.34	54	51.99	38.16	21.93	67.42	205	41	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	59.3	-8.9	68.2	71.03	38.84	17.85	68.42	196	306	P	V
		15660	50.83	-23.17	74	58.16	38.16	21.93	67.42	294	343	P	V
		15660	40.37	-13.63	54	47.7	38.16	21.93	67.42	294	343	A	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



Band 1 5150~5250MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5142.74	63.19	-10.81	74	47.73	33.1	12.28	29.92	198	206	P	H
		5150	52.86	-1.14	54	37.4	33.09	12.29	29.92	198	206	A	H
	*	5180	121.18	-	-	105.73	33.05	12.31	29.91	198	206	P	H
	*	5180	111.88	-	-	96.43	33.05	12.31	29.91	198	206	A	H
													H
													H
		5150	60.03	-13.97	74	44.57	33.09	12.29	29.92	189	157	P	V
		5150	50.76	-3.24	54	35.3	33.09	12.29	29.92	189	157	A	V
	*	5180	116.74	-	-	101.29	33.05	12.31	29.91	189	157	P	V
	*	5180	106.82	-	-	91.37	33.05	12.31	29.91	189	157	A	V
													V
													V
802.11be EHT20 Full CH 44 5220MHz		5136.5	62.98	-11.02	74	47.51	33.11	12.28	29.92	192	203	P	H
		5150	52.98	-1.02	54	37.52	33.09	12.29	29.92	192	203	A	H
	*	5220	125.46	-	-	109.99	33	12.36	29.89	192	203	P	H
	*	5220	118.07	-	-	102.6	33	12.36	29.89	192	203	A	H
		5450.48	62.13	-11.87	74	46.46	32.92	12.66	29.91	192	203	P	H
		5377.96	51.19	-2.81	54	35.47	33.06	12.57	29.91	192	203	A	H
		5140.92	60.09	-13.91	74	44.62	33.11	12.28	29.92	198	158	P	V
		5149.76	50.99	-3.01	54	35.53	33.09	12.29	29.92	198	158	A	V
	*	5220	121.81	-	-	106.34	33	12.36	29.89	198	158	P	V
	*	5220	114.42	-	-	98.95	33	12.36	29.89	198	158	A	V
		5441.52	58.09	-15.91	74	42.41	32.94	12.65	29.91	198	158	P	V
		5452.16	48.87	-5.13	54	33.19	32.92	12.67	29.91	198	158	A	V



802.11be EHT20 Full CH 48 5240MHz		5094.38	63.34	-10.66	74	47.83	33.17	12.25	29.91	183	198	P	H
		5094.38	53.11	-0.89	54	37.6	33.17	12.25	29.91	183	198	A	H
	*	5240	125.73	-	-	110.26	32.97	12.38	29.88	183	198	P	H
	*	5240	118.48	-	-	103.01	32.97	12.38	29.88	183	198	A	H
		5400.36	60.61	-13.39	74	44.88	33.04	12.6	29.91	183	198	P	H
		5398.96	51.51	-2.49	54	35.78	33.04	12.6	29.91	183	198	A	H
		5146.12	59.74	-14.26	74	44.27	33.1	12.29	29.92	187	159	P	V
		5150	49.91	-4.09	54	34.45	33.09	12.29	29.92	187	159	A	V
	*	5240	122.8	-	-	107.33	32.97	12.38	29.88	187	159	P	V
	*	5240	114.33	-	-	98.86	32.97	12.38	29.88	187	159	A	V
		5387.48	59.46	-14.54	74	43.74	33.05	12.58	29.91	187	159	P	V
		5351.08	48.74	-5.26	54	33.04	33.07	12.53	29.9	187	159	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

[illegible]



WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	62.58	-5.62	68.2	74.31	38.84	17.85	68.42	195	41	P	H
		15660	51.73	-22.27	74	59.06	38.16	21.93	67.42	198	29	P	H
		15660	43.23	-10.77	54	50.56	38.16	21.93	67.42	198	29	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be EHT20 Full CH 44 5220MHz		10440	58.89	-9.31	68.2	70.62	38.84	17.85	68.42	197	306	P	V
		15660	49.77	-24.23	74	57.1	38.16	21.93	67.42	100	20	P	V
		15660	40.75	-13.25	54	48.08	38.16	21.93	67.42	100	20	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]



Band 1 5150~5250MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5144.56	64.3	-9.7	74	48.83	33.1	12.29	29.92	190	194	P	H
		5144.04	53.39	-0.61	54	37.92	33.1	12.29	29.92	190	194	A	H
	*	5190	118.51	-	-	103.05	33.04	12.32	29.9	190	194	P	H
	*	5190	109.48	-	-	94.02	33.04	12.32	29.9	190	194	A	H
		5417.44	59.89	-14.11	74	44.18	33	12.62	29.91	190	194	P	H
		5415.48	48.31	-5.69	54	32.6	33	12.62	29.91	190	194	A	H
		5149.76	60.42	-13.58	74	44.96	33.09	12.29	29.92	193	149	P	V
		5150	50.7	-3.3	54	35.24	33.09	12.29	29.92	193	149	A	V
	*	5190	113.31	-	-	97.85	33.04	12.32	29.9	193	149	P	V
	*	5190	105.02	-	-	89.56	33.04	12.32	29.9	193	149	A	V
		5432.56	57.27	-16.73	74	41.58	32.96	12.64	29.91	193	149	P	V
		5445.44	47.34	-6.66	54	31.66	32.93	12.66	29.91	193	149	A	V
802.11be EHT40 Full CH 46 5230MHz		5143.78	63.28	-10.72	74	47.81	33.1	12.29	29.92	182	200	P	H
		5144.56	53.42	-0.58	54	37.95	33.1	12.29	29.92	182	200	A	H
	*	5230	122.64	-	-	107.17	32.99	12.37	29.89	182	200	P	H
	*	5230	113.7	-	-	98.23	32.99	12.37	29.89	182	200	A	H
		5454.68	60.09	-13.91	74	44.41	32.92	12.67	29.91	182	200	P	H
		5455.24	50.4	-3.6	54	34.72	32.92	12.67	29.91	182	200	A	H
		5137.8	60.84	-13.16	74	45.37	33.11	12.28	29.92	193	147	P	V
		5150	51.43	-2.57	54	35.97	33.09	12.29	29.92	193	147	A	V
	*	5230	117.69	-	-	102.22	32.99	12.37	29.89	193	147	P	V
	*	5230	108.51	-	-	93.04	32.99	12.37	29.89	193	147	A	V
		5454.68	59.09	-14.91	74	43.41	32.92	12.67	29.91	193	147	P	V
		5452.72	48.96	-5.04	54	33.28	32.92	12.67	29.91	193	147	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

[illegible]

[illegible]



Band 1 5150~5250MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5144.82	62.61	-11.39	74	47.14	33.1	12.29	29.92	182	201	P	H
		5145.6	53.67	-0.33	54	38.2	33.1	12.29	29.92	182	201	A	H
	*	5210	114.17	-	-	98.71	33.02	12.34	29.9	182	201	P	H
	*	5210	105.53	-	-	90.07	33.02	12.34	29.9	182	201	A	H
		5453.56	58.02	-15.98	74	42.34	32.92	12.67	29.91	182	201	P	H
		5447.68	48.22	-5.78	54	32.55	32.92	12.66	29.91	182	201	A	H
		5147.42	59.97	-14.03	74	44.51	33.09	12.29	29.92	200	154	P	V
		5143.78	50.02	-3.98	54	34.55	33.1	12.29	29.92	200	154	A	V
	*	5210	109.33	-	-	93.87	33.02	12.34	29.9	200	154	P	V
	*	5210	100.41	-	-	84.95	33.02	12.34	29.9	200	154	A	V
		5391.68	56.58	-17.42	74	40.85	33.05	12.59	29.91	200	154	P	V
		5459.72	46.86	-7.14	54	31.18	32.92	12.67	29.91	200	154	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+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5105.74	62.26	-11.74	74	46.75	33.17	12.25	29.91	183	201	P	H
		5124.44	53.32	-0.68	54	37.83	33.13	12.27	29.91	183	201	A	H
	*	5250	109.55	-	-	94.07	32.96	12.4	29.88	183	201	P	H
	*	5250	100.34	-	-	84.86	32.96	12.4	29.88	183	201	A	H
		5407.52	60.37	-13.63	74	44.65	33.02	12.61	29.91	183	201	P	H
		5379.36	50.83	-3.17	54	35.11	33.06	12.57	29.91	183	201	A	H
		5132.6	59.24	-14.76	74	43.76	33.12	12.28	29.92	199	149	P	V
		5132.94	49.52	-4.48	54	34.04	33.12	12.28	29.92	199	149	A	V
	*	5250	104.4	-	-	88.92	32.96	12.4	29.88	199	149	P	V
	*	5250	95.28	-	-	79.8	32.96	12.4	29.88	199	149	A	V
		5450.72	58.47	-15.53	74	42.8	32.92	12.66	29.91	199	149	P	V
		5366.88	47.99	-6.01	54	32.27	33.06	12.56	29.9	199	149	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+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5113.36	62.52	-11.48	74	47.02	33.15	12.26	29.91	188	197	P	H
		5113.1	53.46	-0.54	54	37.96	33.15	12.26	29.91	188	197	A	H
	*	5260	125.79	-	-	110.29	32.97	12.41	29.88	188	197	P	H
	*	5260	118.58	-	-	103.08	32.97	12.41	29.88	188	197	A	H
		5418	61.2	-12.8	74	45.49	33	12.62	29.91	188	197	P	H
		5418.28	51.64	-2.36	54	35.93	33	12.62	29.91	188	197	A	H
		5123.76	59.61	-14.39	74	44.11	33.14	12.27	29.91	201	152	P	V
		5145.08	49.28	-4.72	54	33.81	33.1	12.29	29.92	201	152	A	V
	*	5260	122.31	-	-	106.81	32.97	12.41	29.88	201	152	P	V
	*	5260	114.34	-	-	98.84	32.97	12.41	29.88	201	152	A	V
		5420.8	58.63	-15.37	74	42.92	32.99	12.63	29.91	201	152	P	V
		5350	49.07	-4.93	54	33.37	33.07	12.53	29.9	201	152	A	V
802.11a CH 60 5300MHz		5140.08	60.28	-13.72	74	44.81	33.11	12.28	29.92	207	220	P	H
		5139.4	51.99	-2.01	54	36.52	33.11	12.28	29.92	207	220	A	H
	*	5300	124.11	-	-	108.53	33.01	12.47	29.9	207	220	P	H
	*	5300	116.16	-	-	100.58	33.01	12.47	29.9	207	220	A	H
		5358.24	62.98	-11.02	74	47.27	33.07	12.54	29.9	207	220	P	H
		5350.08	52.83	-1.17	54	37.13	33.07	12.53	29.9	207	220	A	H
		5144.16	59.13	-14.87	74	43.66	33.1	12.29	29.92	174	157	P	V
		5143.48	49.35	-4.65	54	33.89	33.1	12.28	29.92	174	157	A	V
	*	5300	121.95	-	-	106.37	33.01	12.47	29.9	174	157	P	V
	*	5300	112.99	-	-	97.41	33.01	12.47	29.9	174	157	A	V
		5351.52	61.84	-12.16	74	46.14	33.07	12.53	29.9	174	157	P	V
		5350.8	51.37	-2.63	54	35.67	33.07	12.53	29.9	174	157	A	V



802.11a CH 64 5320MHz	*	5320	123.04	-	-	107.42	33.03	12.49	29.9	206	215	P	H
	*	5320	114.35	-	-	98.73	33.03	12.49	29.9	206	215	A	H
		5350.08	61.82	-12.18	74	46.12	33.07	12.53	29.9	206	215	P	H
		5350.08	53.51	-0.49	54	37.81	33.07	12.53	29.9	206	215	A	H
													H
													H
	*	5320	119.67	-	-	104.05	33.03	12.49	29.9	199	149	P	V
	*	5320	110.31	-	-	94.69	33.03	12.49	29.9	199	149	A	V
		5353.6	62.91	-11.09	74	47.2	33.07	12.54	29.9	199	149	P	V
		5350.24	51.43	-2.57	54	35.73	33.07	12.53	29.9	199	149	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	61.44	-6.76	68.2	72.6	38.93	17.9	67.99	189	44	P	H
		15780	50.3	-23.7	74	58.7	38.02	22.01	68.43	302	50	P	H
		15780	41.53	-12.47	54	49.93	38.02	22.01	68.43	302	50	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	58.78	-9.42	68.2	69.94	38.93	17.9	67.99	194	55	P	V
		15780	51.33	-22.67	74	59.73	38.02	22.01	68.43	100	26	P	V
		15780	41.63	-12.37	54	50.03	38.02	22.01	68.43	100	26	A	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 60 5300MHz		10600	59.09	-14.91	74	69.9	39.04	17.96	67.81	167	45	P	H
		10600	50.47	-3.53	54	61.28	39.04	17.96	67.81	167	45	A	H
		15900	48.81	-25.19	74	56.87	37.89	22.1	68.05	303	352	P	H
		15900	39.8	-14.2	54	47.86	37.89	22.1	68.05	303	352	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	58.39	-15.61	74	69.2	39.04	17.96	67.81	197	54	P	V
		10600	48.44	-5.56	54	59.25	39.04	17.96	67.81	197	54	A	V
		15900	48.49	-25.51	74	56.55	37.89	22.1	68.05	199	357	P	V
		15900	39.59	-14.41	54	47.65	37.89	22.1	68.05	199	357	A	V
													V
													V
													V
													V
													V
													V

[illegible]



Band 2 5250~5350MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5106.08	61.75	-12.25	74	46.24	33.17	12.25	29.91	198	200	P	H
		5112.2	53.32	-0.68	54	37.81	33.16	12.26	29.91	198	200	A	H
	*	5260	125.37	-	-	109.87	32.97	12.41	29.88	198	200	P	H
	*	5260	116.92	-	-	101.42	32.97	12.41	29.88	198	200	A	H
		5376	61.24	-12.76	74	45.52	33.06	12.57	29.91	198	200	P	H
		5417.76	51.61	-2.39	54	35.9	33	12.62	29.91	198	200	A	H
		5117.64	58.17	-15.83	74	42.67	33.15	12.26	29.91	202	149	P	V
		5145.52	49.24	-4.76	54	33.77	33.1	12.29	29.92	202	149	A	V
	*	5260	122.78	-	-	107.28	32.97	12.41	29.88	202	149	P	V
	*	5260	112.06	-	-	96.56	32.97	12.41	29.88	202	149	A	V
		5405.28	60.08	-13.92	74	44.35	33.03	12.61	29.91	202	149	P	V
		5350.08	48.98	-5.02	54	33.28	33.07	12.53	29.9	202	149	A	V
802.11be EHT20 Full CH 60 5300MHz		5143.14	61.37	-12.63	74	45.91	33.1	12.28	29.92	202	200	P	H
		5142.46	52.07	-1.93	54	36.61	33.1	12.28	29.92	202	200	A	H
	*	5300	124.32	-	-	108.74	33.01	12.47	29.9	202	200	P	H
		4996	51.45	-2.55	54	36.1	33.11	12.16	29.92	196	205	A	H
	*	5300	117.94	-	-	102.36	33.01	12.47	29.9	202	200	A	H
		5351.2	61.49	-12.51	74	45.79	33.07	12.53	29.9	202	200	P	H
		5350.88	53.28	-0.72	54	37.58	33.07	12.53	29.9	202	200	A	H
		5144.84	58.33	-15.67	74	42.86	33.1	12.29	29.92	194	197	P	V
		5145.52	49.04	-4.96	54	33.57	33.1	12.29	29.92	194	197	A	V
	*	5300	125.33	-	-	109.75	33.01	12.47	29.9	194	197	P	V
		5002	51.43	-2.57	54	36.05	33.13	12.17	29.92	202	147	A	V
	*	5300	117.76	-	-	102.18	33.01	12.47	29.9	194	197	A	V
		5350	62.56	-11.44	74	46.86	33.07	12.53	29.9	194	197	P	V
		5350	53.74	-0.26	54	38.04	33.07	12.53	29.9	194	197	A	V



802.11be EHT20 Full CH 64 5320MHz	*	5320	122.77	-	-	107.15	33.03	12.49	29.9	204	197	P	H
	*	5320	115.5	-	-	99.88	33.03	12.49	29.9	204	197	A	H
		5350.52	60.64	-13.36	74	44.94	33.07	12.53	29.9	204	197	P	H
		5350	52.7	-1.3	54	37	33.07	12.53	29.9	204	197	A	H
													H
													H
	*	5320	121.86	-	-	106.24	33.03	12.49	29.9	193	195	P	V
	*	5320	115.09	-	-	99.47	33.03	12.49	29.9	193	195	A	V
		5350	60.07	-13.93	74	44.37	33.07	12.53	29.9	193	195	P	V
		5350	52.09	-1.91	54	36.39	33.07	12.53	29.9	193	195	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

[illegible]



WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	56.76	-17.24	74	67.57	39.04	17.96	67.81	188	56	P	H
		10600	46.61	-7.39	54	57.42	39.04	17.96	67.81	188	56	A	H
		15900	47.95	-26.05	74	56.01	37.89	22.1	68.05	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be EHT20 Full CH 60 5300MHz		10600	54.77	-19.23	74	65.58	39.04	17.96	67.81	193	54	P	V
		10600	45.84	-8.16	54	56.65	39.04	17.96	67.81	193	54	A	V
		15900	47.82	-26.18	74	55.88	37.89	22.1	68.05	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]



Band 2 5250~5350MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5104.38	60.69	-13.31	74	45.18	33.17	12.25	29.91	181	198	P	H
		5134.98	51.56	-2.44	54	36.08	33.12	12.28	29.92	181	198	A	H
	*	5270	123.07	-	-	107.56	32.98	12.42	29.89	181	198	P	H
	*	5270	114.94	-	-	99.43	32.98	12.42	29.89	181	198	A	H
		5354.08	60.73	-13.27	74	45.02	33.07	12.54	29.9	181	198	P	H
		5352.16	51.68	-2.32	54	35.97	33.07	12.54	29.9	181	198	A	H
		5145.52	59.23	-14.77	74	43.76	33.1	12.29	29.92	176	202	P	V
		5143.48	49.29	-4.71	54	33.83	33.1	12.28	29.92	176	202	A	V
	*	5270	122.44	-	-	106.93	32.98	12.42	29.89	176	202	P	V
	*	5270	114.91	-	-	99.4	32.98	12.42	29.89	176	202	A	V
		5351.2	61.66	-12.34	74	45.96	33.07	12.53	29.9	176	202	P	V
		5351.84	52.67	-1.33	54	36.97	33.07	12.53	29.9	176	202	A	V
802.11be EHT40 Full CH 62 5310MHz		5142.12	57.32	-16.68	74	41.86	33.1	12.28	29.92	181	194	P	H
		5145.86	48.19	-5.81	54	32.72	33.1	12.29	29.92	181	194	A	H
	*	5310	116.57	-	-	100.97	33.02	12.48	29.9	181	194	P	H
	*	5310	109.48	-	-	93.88	33.02	12.48	29.9	181	194	A	H
		5350.24	61.73	-12.27	74	46.03	33.07	12.53	29.9	181	194	P	H
		5350.24	53.68	-0.32	54	37.98	33.07	12.53	29.9	181	194	A	H
		5136	57.11	-16.89	74	41.64	33.11	12.28	29.92	202	194	P	V
		5145.52	47.29	-6.71	54	31.82	33.1	12.29	29.92	202	194	A	V
	*	5310	117.79	-	-	102.19	33.02	12.48	29.9	202	194	P	V
	*	5310	109.99	-	-	94.39	33.02	12.48	29.9	202	194	A	V
		5355.68	58.66	-15.34	74	42.95	33.07	12.54	29.9	202	194	P	V
		5354.72	50.94	-3.06	54	35.23	33.07	12.54	29.9	202	194	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

[illegible]

[illegible]



Band 2 5250~5350MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5115.6	58.46	-15.54	74	42.96	33.15	12.26	29.91	187	198	P	H
		5145.52	49.19	-4.81	54	33.72	33.1	12.29	29.92	187	198	A	H
	*	5290	114.12	-	-	98.57	33	12.45	29.9	187	198	P	H
	*	5290	106.02	-	-	90.47	33	12.45	29.9	187	198	A	H
		5360.48	61.8	-12.2	74	46.08	33.07	12.55	29.9	187	198	P	H
		5350	53.39	-0.61	54	37.69	33.07	12.53	29.9	187	198	A	H
		5148.92	57.55	-16.45	74	42.09	33.09	12.29	29.92	192	194	P	V
		5147.56	47.69	-6.31	54	32.23	33.09	12.29	29.92	192	194	A	V
	*	5290	114.69	-	-	99.14	33	12.45	29.9	192	194	P	V
	*	5290	106.28	-	-	90.73	33	12.45	29.9	192	194	A	V
		5357.92	60.5	-13.5	74	44.79	33.07	12.54	29.9	192	194	P	V
		5356	51.88	-2.12	54	36.17	33.07	12.54	29.9	192	194	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+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5458.48	62.96	-11.04	74	47.14	33.06	12.67	29.91	194	183	P	H
		5470	68.08	-0.12	68.2	52.24	33.06	12.69	29.91	194	183	P	H
		5460	53.4	-0.6	54	37.57	33.06	12.68	29.91	194	183	A	H
	*	5500	124.26	-	-	108.39	33.06	12.73	29.92	194	183	P	H
	*	5500	116.23	-	-	100.36	33.06	12.73	29.92	194	183	A	H
													H
		5459.92	62.74	-11.26	74	46.95	33.03	12.67	29.91	189	145	P	V
		5469.84	65	-3.2	68.2	49.19	33.03	12.69	29.91	189	145	P	V
		5460	52.57	-1.43	54	36.77	33.03	12.68	29.91	189	145	A	V
	*	5500	124.61	-	-	108.78	33.02	12.73	29.92	189	145	P	V
	*	5500	116.02	-	-	100.19	33.02	12.73	29.92	189	145	A	V
													V
802.11a CH 116 5580MHz		5424.46	60.67	-13.33	74	44.97	32.98	12.63	29.91	203	200		H
		5468.32	58.88	-9.32	68.2	43.18	32.92	12.69	29.91	203	200		H
		5428.2	51.04	-2.96	54	35.34	32.97	12.64	29.91	203	200		H
		5119	63.08	-10.92	74	47.58	33.14	12.27	29.91	201	196		H
	*	5580	123.99	-	-	108.06	33.03	12.83	29.93	203	200		H
		5119	53.67	-0.33	54	38.17	33.14	12.27	29.91	201	196		H
	*	5580	117.62	-	-	101.69	33.03	12.83	29.93	203	200		H
		5735.075	60.57	-7.63	68.2	44.02	33.53	12.98	29.96	203	200		H
		5425.48	58.28	-15.72	74	42.58	32.98	12.63	29.91	195	146		V
		5468.32	58.9	-9.3	68.2	43.2	32.92	12.69	29.91	195	146		V
		5427.52	48.48	-5.52	54	32.79	32.97	12.63	29.91	195	146		V
		5119	61.56	-12.44	74	46.06	33.14	12.27	29.91	198	135		V
	*	5580	123.84	-	-	107.91	33.03	12.83	29.93	195	146		V
		5119	52.53	-1.47	54	37.03	33.14	12.27	29.91	198	135		V
	*	5580	117.03	-	-	101.1	33.03	12.83	29.93	195	146		V
		5733.815	59.52	-8.68	68.2	42.98	33.52	12.98	29.96	195	146		V



802.11a CH 140 5700MHz	*	5700	124.35	-	-	108.04	33.32	12.94	29.95	201	192	P	H
		5392	53.88	-0.12	54	38.15	33.05	12.59	29.91	201	192	P	H
	*	5700	118.73	-	-	102.42	33.32	12.94	29.95	201	192	A	H
		5727.8	67.27	-0.93	68.2	50.77	33.49	12.97	29.96	201	192	P	H
													H
													H
	*	5700	123.18	-	-	106.87	33.32	12.94	29.95	201	153	P	V
		5398	53.35	-0.65	54	37.62	33.04	12.6	29.91	201	153	P	V
	*	5700	117.18	-	-	100.87	33.32	12.94	29.95	201	153	A	V
		5725.4	67.25	-0.95	68.2	50.77	33.47	12.97	29.96	201	153	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.99	-26.01	74	58.32	38.97	18.24	67.54	-	-	P	H
		16500	47.42	-20.78	68.2	54	38.29	22.53	67.4	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	46.8	-27.2	74	57.13	38.97	18.24	67.54	-	-	P	V
		16500	47.85	-20.35	68.2	54.43	38.29	22.53	67.4	-	-	P	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	46.09	-27.91	74	56.34	39.07	18.38	67.7	-	-	P	H
		16740	46.82	-21.38	68.2	53.81	38.06	22.7	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	46.64	-27.36	74	56.89	39.07	18.38	67.7	-	-	P	V
		16740	46.48	-21.72	68.2	53.47	38.06	22.7	67.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



Report No. : FR240528002B

[illegible]



Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5459.92	64.31	-9.69	74	48.84	32.92	12.46	29.91	194	180	P	H
		5470	65.96	-2.24	68.2	50.48	32.92	12.47	29.91	194	180	P	H
		5460	53.94	-0.06	54	38.47	32.92	12.46	29.91	194	180	A	H
		5050	59.13	-14.87	74	44.03	33.14	11.88	29.92	194	180	P	H
	*	5500	123.91	-	-	108.42	32.91	12.5	29.92	194	180	P	H
		5032	49.72	-4.28	54	34.68	33.14	11.82	29.92	194	180	P	H
		5459.44	60.85	-13.15	74	45.38	32.92	12.46	29.91	204	114	P	H
		5469.04	62.87	-5.33	68.2	47.39	32.92	12.47	29.91	204	114	P	V
		5460	50.12	-3.88	54	34.65	32.92	12.46	29.91	204	114	A	V
		5050	57.37	-16.63	74	42.27	33.14	11.88	29.92	204	114	P	V
	*	5500	119.1	-	-	103.61	32.91	12.5	29.92	204	114	P	V
		5032	47.07	-6.93	54	32.03	33.14	11.82	29.92	204	114	P	V
	*	5500	109.41	-	-	93.92	32.91	12.5	29.92	204	114	A	V
802.11be EHT20 Full CH 116 5580MHz		5431.94	60.79	-13.21	74	45.3	32.96	12.44	29.91	212	218	P	H
		5469.34	58.07	-10.13	68.2	42.59	32.92	12.47	29.91	212	218	P	H
		5434.32	51.25	-2.75	54	35.76	32.96	12.44	29.91	212	218	A	H
		5434	62.97	-11.03	74	47.48	32.96	12.44	29.91	212	218	P	H
	*	5580	124.5	-	-	108.79	33.03	12.61	29.93	212	218	P	H
		5110	53.17	-0.83	54	37.87	33.16	12.05	29.91	212	218	P	H
		5434	53.3	-0.7	54	37.81	32.96	12.44	29.91	212	218	P	H
	*	5580	117.72	-	-	102.01	33.03	12.61	29.93	212	218	A	H
		5740.745	62.55	-5.65	68.2	46.13	33.57	12.81	29.96	212	218	P	H
		5421.06	58.43	-15.57	74	42.92	32.99	12.43	29.91	207	147	P	V
		5469.34	57.99	-10.21	68.2	42.51	32.92	12.47	29.91	207	147	P	V
		5427.18	48.84	-5.16	54	33.34	32.98	12.43	29.91	207	147	A	V
		5266	61.12	-7.08	68.2	45.78	32.98	12.25	29.89	207	147	P	V
	*	5580	124.46	-	-	108.75	33.03	12.61	29.93	207	147	P	V
		5122	53.85	-0.15	54	38.55	33.14	12.07	29.91	207	147	P	V
	*	5580	118.04	-	-	102.33	33.03	12.61	29.93	207	147	A	V
		5737.28	61.09	-7.11	68.2	44.71	33.54	12.8	29.96	207	147	P	V



802.11be EHT20 Full CH 140 5700MHz	*	5700	121.45	-	-	105.33	33.32	12.75	29.95	191	194	P	H
		5404	50.94	-3.06	54	35.41	33.03	12.41	29.91	191	194	P	H
	*	5700	114.86	-	-	98.74	33.32	12.75	29.95	191	194	A	H
		5725.24	67.56	-0.64	68.2	51.26	33.47	12.79	29.96	191	194	P	H
													H
													H
	*	5700	120.13	-	-	104.01	33.32	12.75	29.95	207	134	P	V
		5398	51.28	-2.72	54	35.74	33.04	12.41	29.91	207	134	P	V
	*	5700	113.43	-	-	97.31	33.32	12.75	29.95	207	134	A	V
		5726.28	67.18	-1.02	68.2	50.87	33.48	12.79	29.96	207	134	P	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]

[illegible]

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 140 5700MHz		11400	46.58	-27.42	74	56.37	39.35	18.6	67.74	-	-	P	H
		17100	48.38	-19.82	68.2	55.13	37.99	23.01	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	47.34	-26.66	74	57.13	39.35	18.6	67.74	-	-	P	V
		17100	47.23	-20.97	68.2	53.98	37.99	23.01	67.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT40 Full CH 102 5510MHz		5459.48	62.31	-11.69	74	46.84	32.92	12.46	29.91	206	197	P	H
		5470	65.11	-3.09	68.2	49.63	32.92	12.47	29.91	206	197	P	H
		5460	53.45	-0.55	54	37.98	32.92	12.46	29.91	206	197	A	H
	*	5510	119.99	-	-	104.48	32.92	12.51	29.92	206	197	P	H
		5068	49.63	-4.37	54	34.46	33.15	11.94	29.92	206	197	P	H
	*	5510	112.08	-	-	96.57	32.92	12.51	29.92	206	197	A	H
		5459.48	64.48	-9.52	74	49.01	32.92	12.46	29.91	203	140	P	V
		5470	67.32	-0.88	68.2	51.84	32.92	12.47	29.91	203	140	P	V
		5460	53.35	-0.65	54	37.88	32.92	12.46	29.91	203	140	A	V
	*	5510	118.71	-	-	103.2	32.92	12.51	29.92	203	140	P	V
		5062	48.85	-5.15	54	33.7	33.15	11.92	29.92	203	140	P	V
	*	5510	110.61	-	-	95.1	32.92	12.51	29.92	203	140	A	V
		5759.645	59.87	-8.33	68.2	43.31	33.69	12.83	29.96	203	140	P	V
		5443.16	61.11	-12.89	74	45.63	32.94	12.45	29.91	194	204	P	H
802.11be EHT40 Full CH 110 5550MHz		5469	64.32	-3.88	68.2	48.84	32.92	12.47	29.91	194	204	P	H
		5460	52.77	-1.23	54	37.3	32.92	12.46	29.91	194	204	A	H
		5098	59.63	-14.37	74	44.33	33.18	12.03	29.91	194	204	P	H
	*	5550	123.73	-	-	108.11	32.97	12.57	29.92	194	204	P	H
		5104	52.85	-1.15	54	37.55	33.17	12.04	29.91	194	204	A	H
	*	5550	115.34	-	-	99.72	32.97	12.57	29.92	194	204	A	H
		5741.375	59.7	-8.5	68.2	43.28	33.57	12.81	29.96	194	204	P	H
		5449.62	63.23	-10.77	74	47.77	32.92	12.45	29.91	205	140	P	V
		5469.68	64.94	-3.26	68.2	49.46	32.92	12.47	29.91	205	140	P	V
		5460	52.75	-1.25	54	37.28	32.92	12.46	29.91	205	140	A	V
	*	5550	120.85	-	-	105.23	32.97	12.57	29.92	205	140	P	V
		5782	64.42	-3.78	68.2	47.69	33.84	12.86	29.97	205	140	P	V
		5104	51.73	-2.27	54	36.43	33.17	12.04	29.91	205	140	A	V
	*	5550	113.99	-	-	98.37	32.97	12.57	29.92	205	140	A	V
		5739.17	60.93	-7.27	68.2	44.53	33.56	12.8	29.96	205	140	P	V



802.11be EHT40 Full CH 134 5670MHz		5361.56	59.28	-14.72	74	43.75	33.07	12.36	29.9	198	197	P	H
		5468.32	56.4	-11.8	68.2	40.92	32.92	12.47	29.91	198	197	P	H
		5360.88	49.23	-4.77	54	33.7	33.07	12.36	29.9	198	197	A	H
	*	5670	122.83	-	-	106.84	33.22	12.72	29.95	198	197	P	H
	*	5670	114.46	-	-	98.47	33.22	12.72	29.95	198	197	A	H
		5725.625	66.35	-1.85	68.2	50.04	33.48	12.79	29.96	198	197	P	H
		5352.38	57.9	-16.1	74	42.38	33.07	12.35	29.9	205	136	P	V
		5469	56.6	-11.6	68.2	41.12	32.92	12.47	29.91	205	136	P	V
		5381.28	49.39	-4.61	54	33.86	33.05	12.39	29.91	205	136	A	V
	*	5670	120.25	-	-	104.26	33.22	12.72	29.95	205	136	P	V
		5380	51.23	-2.77	54	35.69	33.06	12.39	29.91	205	136	P	V
	*	5670	113.31	-	-	97.32	33.22	12.72	29.95	205	136	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

[illegible]



Report No. : FR240528002B

[illegible]

[illegible]



Band 3 5470~5725MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5441.8	61.82	-12.18	74	46.34	32.94	12.45	29.91	198	177	P	H
		5464.24	63	-5.2	68.2	47.52	32.92	12.47	29.91	198	177	P	H
		5453.02	53.48	-0.52	54	38.01	32.92	12.46	29.91	198	177	A	H
	*	5530	115.98	-	-	100.41	32.95	12.54	29.92	198	177	P	H
	*	5530	107.71	-	-	92.14	32.95	12.54	29.92	198	177	A	H
		5736.335	57.78	-10.42	68.2	41.4	33.54	12.8	29.96	198	177	P	H
		5456.08	64.04	-9.96	74	48.57	32.92	12.46	29.91	194	143	P	V
		5464.58	62.65	-5.55	68.2	47.17	32.92	12.47	29.91	194	143	P	V
		5455.06	52.49	-1.51	54	37.02	32.92	12.46	29.91	194	143	A	V
	*	5530	114.21	-	-	98.64	32.95	12.54	29.92	194	143	P	V
	*	5530	106.95	-	-	91.38	32.95	12.54	29.92	194	143	A	V
		5757.125	58.51	-9.69	68.2	41.97	33.67	12.83	29.96	194	143	P	V
802.11be EHT80 Full CH 122 5610MHz		5457.84	62.24	-11.76	74	46.77	32.92	12.46	29.91	198	211	P	H
		5469.68	62.22	-5.98	68.2	46.74	32.92	12.47	29.91	198	211	P	H
		5459.76	52.46	-1.54	54	36.99	32.92	12.46	29.91	198	211	A	H
	*	5610	118.32	-	-	102.52	33.08	12.65	29.93	198	211	P	H
	*	5610	110.9	-	-	95.1	33.08	12.65	29.93	198	211	A	H
		5725.31	65.85	-2.35	68.2	49.55	33.47	12.79	29.96	198	211	P	H
		5453.68	60.06	-13.94	74	44.59	32.92	12.46	29.91	204	126	P	V
		5462	60.32	-7.88	68.2	44.84	32.92	12.47	29.91	204	126	P	V
		5455.28	51	-3	54	35.53	32.92	12.46	29.91	204	126	A	V
	*	5610	118.82	-	-	103.02	33.08	12.65	29.93	204	126	P	V
	*	5610	109.53	-	-	93.73	33.08	12.65	29.93	204	126	A	V
		5743.895	65.34	-2.86	68.2	48.91	33.58	12.81	29.96	204	126	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]

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 122 5610MHz		11220	46.99	-27.01	74	57.41	39.15	18.44	68.01	-	-	P	H
		16830	47.45	-20.75	68.2	54.56	37.89	22.77	67.77	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11220	47.22	-26.78	74	57.64	39.15	18.44	68.01	-	-	P	V
		16830	47.62	-20.58	68.2	54.73	37.89	22.77	67.77	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5439.92	63.18	-10.82	74	47.7	32.94	12.45	29.91	198	195	P	H
		5460.08	61.11	-7.09	68.2	45.64	32.92	12.46	29.91	198	195	P	H
		5420.72	53.64	-0.36	54	38.13	32.99	12.43	29.91	198	195	A	H
	*	5570	110.86	-	-	95.17	33.01	12.6	29.92	198	195	P	H
	*	5570	103.42	-	-	87.73	33.01	12.6	29.92	198	195	A	H
		5725.94	67.2	-1	68.2	50.89	33.48	12.79	29.96	198	195	P	H
		5424.56	59.79	-14.21	74	44.29	32.98	12.43	29.91	198	148	P	V
		5462	59.29	-8.91	68.2	43.81	32.92	12.47	29.91	198	148	P	V
		5444.08	50.87	-3.13	54	35.4	32.93	12.45	29.91	198	148	A	V
	*	5570	110.48	-	-	94.79	33.01	12.6	29.92	198	148	P	V
	*	5570	102.23	-	-	86.54	33.01	12.6	29.92	198	148	A	V
		5734.13	65.29	-2.91	68.2	48.92	33.53	12.8	29.96	198	148	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+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	47.83	-26.17	74	58.05	39.05	18.36	67.63	-	-	P	H
		16710	47.52	-20.68	68.2	54.47	38.11	22.69	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11140	47.53	-26.47	74	57.75	39.05	18.36	67.63	-	-	P	V
		16710	47.92	-20.28	68.2	54.87	38.11	22.69	67.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2+3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5410.06	61.35	-12.65	74	45.63	33.02	12.61	29.91	203	218	P	H
		5467.78	57.72	-10.48	68.2	42.03	32.92	12.68	29.91	203	218	P	H
		5409.67	53.43	-0.57	54	37.71	33.02	12.61	29.91	203	218	A	H
		5416	62.01	-11.99	74	46.3	33	12.62	29.91	203	218	P	H
	*	5720	125.93	-	-	109.48	33.44	12.96	29.95	203	218	P	H
		5410	53.25	-0.75	54	37.53	33.02	12.61	29.91	203	218	P	H
	*	5720	119.8	-	-	103.35	33.44	12.96	29.95	203	218	A	H
		5867.58	63.95	-4.25	68.2	46.74	34.11	13.11	30.01	203	218	P	H
		5418.64	61.11	-12.89	74	45.4	33	12.62	29.91	200	149	P	V
		5460.37	56.93	-11.27	68.2	41.24	32.92	12.68	29.91	200	149	P	V
		5417.47	53.17	-0.83	54	37.46	33	12.62	29.91	200	149	A	V
		5410	62.38	-11.62	74	46.66	33.02	12.61	29.91	200	149	P	V
	*	5720	125.36	-	-	108.91	33.44	12.96	29.95	200	149	P	V
		5410	53	-1	54	37.28	33.02	12.61	29.91	200	149	A	V
	*	5720	118.86	-	-	102.41	33.44	12.96	29.95	200	149	A	V
		5866.02	61.86	-6.34	68.2	44.65	34.11	13.11	30.01	200	149	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+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5410.45	58.39	-15.61	74	42.86	33.02	12.42	29.91	189	217	P	H
		5464.66	56.83	-11.37	68.2	41.35	32.92	12.47	29.91	189	217	P	H
		5410.84	50.93	-3.07	54	35.4	33.02	12.42	29.91	189	217	A	H
		5422	61.27	-12.73	74	45.76	32.99	12.43	29.91	189	217	P	H
	*	5725	124.63	-	-	108.33	33.47	12.78	29.95	189	217	P	H
		5104	49.25	-4.75	54	33.95	33.17	12.04	29.91	189	217	P	H
		5410	52.78	-1.22	54	37.25	33.02	12.42	29.91	189	217	P	H
	*	5725	118.5	-	-	102.2	33.47	12.78	29.95	189	217	A	H
		5868.36	61.4	-6.8	68.2	44.38	34.11	12.92	30.01	189	217	P	H
		5410.84	58.81	-15.19	74	43.28	33.02	12.42	29.91	202	131	P	V
		5468.17	55.62	-12.58	68.2	40.14	32.92	12.47	29.91	202	131	P	V
		5419.03	51.79	-2.21	54	36.27	33	12.43	29.91	202	131	A	V
		5422	61.34	-12.66	74	45.83	32.99	12.43	29.91	202	131	P	V
	*	5725	124.84	-	-	108.54	33.47	12.78	29.95	202	131	P	V
		5422	53.66	-0.34	54	38.15	32.99	12.43	29.91	202	131	P	V
	*	5725	117.71	-	-	101.41	33.47	12.78	29.95	202	131	A	V
		5865.5	61.29	-6.91	68.2	44.28	34.1	12.92	30.01	202	131	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+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	47.29	-26.71	74	56.94	39.32	18.63	67.6	-	-	P	H
		16710	47.06	-21.14	68.2	54.01	38.11	22.69	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	47.03	-26.97	74	56.68	39.32	18.63	67.6	-	-	P	V
		16710	47.56	-20.64	68.2	54.51	38.11	22.69	67.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 3 - Straddle Channel

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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5401.48	59.09	-14.91	74	43.55	33.04	12.41	29.91	201	186	P	H
		5460.37	57.46	-10.74	68.2	41.99	32.92	12.46	29.91	201	186	P	H
		5420.98	51.08	-2.92	54	35.57	32.99	12.43	29.91	201	186	A	H
	*	5710	122.59	-	-	106.4	33.38	12.76	29.95	201	186	P	H
		5422	52.84	-1.16	54	37.33	32.99	12.43	29.91	201	186	P	H
	*	5710	115.58	-	-	99.39	33.38	12.76	29.95	201	186	A	H
		5419.81	59.5	-14.5	74	43.99	32.99	12.43	29.91	198	134	P	V
		5462.32	56.91	-11.29	68.2	41.43	32.92	12.47	29.91	198	134	P	V
		5400.7	50.1	-3.9	54	34.56	33.04	12.41	29.91	198	134	A	V
	*	5710	121.74	-	-	105.55	33.38	12.76	29.95	198	134	P	V
		5422	52.09	-1.91	54	36.58	32.99	12.43	29.91	198	134	P	V
	*	5710	115.07	-	-	98.88	33.38	12.76	29.95	198	134	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		11420	47.92	-26.08	74	57.64	39.34	18.61	67.67	-	-	P	H
		17130	48.07	-20.13	68.2	54.7	38.08	23.05	67.76	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11420	47.74	-26.26	74	57.46	39.34	18.61	67.67	-	-	P	V
		17130	47.63	-20.57	68.2	54.26	38.08	23.05	67.76	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5351.95	58.84	-15.16	74	43.32	33.07	12.35	29.9	195	191	P	H
		5462.32	58.67	-9.53	68.2	43.19	32.92	12.47	29.91	195	191	P	H
		5420.98	50.31	-3.69	54	34.8	32.99	12.43	29.91	195	191	A	H
	*	5690	119	-	-	102.92	33.29	12.74	29.95	195	191	P	H
	*	5690	111.83	-	-	95.75	33.29	12.74	29.95	195	191	A	H
		5854.06	67.54	-0.66	68.2	50.56	34.08	12.91	30.01	195	191	P	H
		5406.16	59.1	-14.9	74	43.56	33.03	12.42	29.91	202	150	P	V
		5463.49	59.05	-9.15	68.2	43.57	32.92	12.47	29.91	202	150	P	V
		5396.41	49.96	-4.04	54	34.41	33.05	12.41	29.91	202	150	A	V
	*	5690	118.17	-	-	102.09	33.29	12.74	29.95	202	150	P	V
	*	5690	110.44	-	-	94.36	33.29	12.74	29.95	202	150	A	V
		5850.68	66.92	-1.28	68.2	49.94	34.08	12.91	30.01	202	150	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+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	47.96	-26.04	74	57.87	39.34	18.58	67.83	-	-	P	H
		17070	48.11	-20.09	68.2	54.96	37.93	22.97	67.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11380	47.67	-26.33	74	57.58	39.34	18.58	67.83	-	-	P	V
		17070	47.1	-21.1	68.2	53.95	37.93	22.97	67.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

WIFI 802.11be EHT20 Full (SHF @ 1m)

[illegible]

Emission below 1GHz

WIFI 802.11be EHT20 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+2+3+4		(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 :	Bill Chang , Fred Tseng and Jesse Fan	Temperature :	20.1~23.6°C
		Relative Humidity :	39.6~53.2%

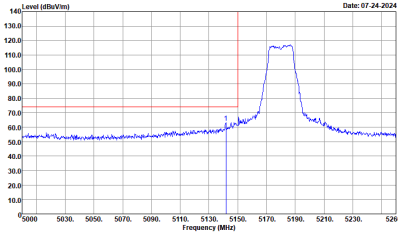
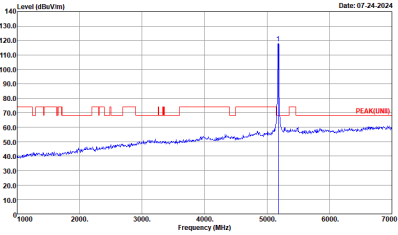
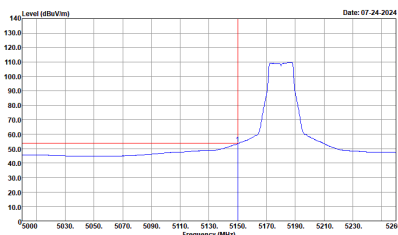
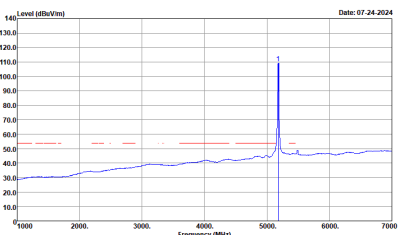
Note symbol

-L	Low channel location
-R	High channel location



<2x2 Mode>

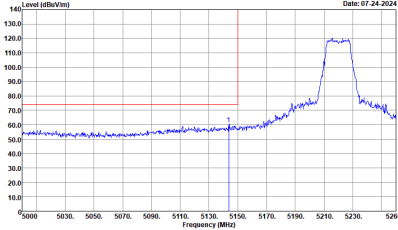
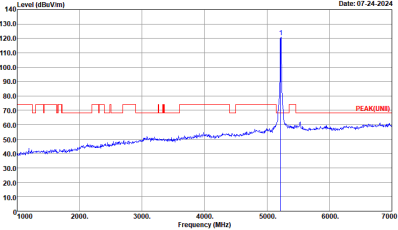
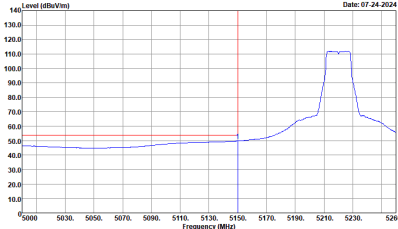
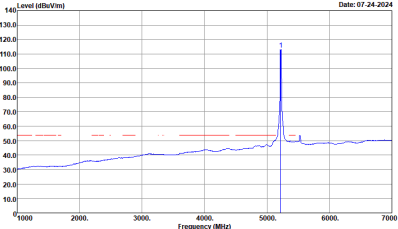
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto	 Site : 03CH02-CA Condition : PEAK(FREQ) 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SMT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SMT:Auto

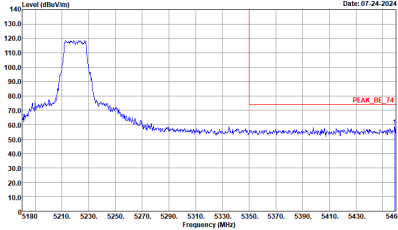
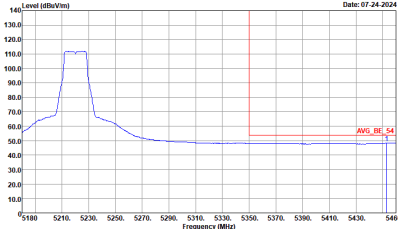


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+3	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74_3m HORN_02140_240129 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto	Site : 03CH02-CA Condition : PEAK(WIFI) 3m HORN_02140_240129 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto
	Site : 03CH02-CA Condition : AVG_BE_54_3m HORN_02140_240129 VERTICAL RBW:1000.000kHz VBW:0.010kHz SMT:Auto	Site : 03CH02-CA Condition : AVG_54_3m HORN_02140_240129 VERTICAL RBW:1000.000kHz VBW:0.010kHz SMT: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_240129 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto	 Site : 03CH02-CA Condition : PEAK(FUN1) 3m HORN_02140_240129 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_240129 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT: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_240129 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SMT:Auto	Left blank