



FCC RADIO TEST REPORT

FCC ID : S9GR770
Equipment : R770 Access Point
Brand Name : RUCKUS
Model Name : R770
Applicant : Ruckus Wireless, Inc.
350 W. Java Dr., Sunnyvale CA 94089 USA
Manufacturer : Ruckus Wireless, Inc.
350 W. Java Dr., Sunnyvale CA 94089 USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jul. 25, 2023 and testing was performed from Aug. 01, 2023 to Sep. 21, 2023. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Abi Lin

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 Testing Location	9
1.3 Applicable Standards.....	9
2 Test Configuration of Equipment Under Test	10
2.1 Carrier Frequency and Channel	10
2.2 Test Mode.....	12
2.3 Connection Diagram of Test System.....	15
2.4 Support Unit used in test configuration and system	16
2.5 EUT Operation Test Setup	16
2.6 Measurement Results Explanation Example.....	16
3 Test Result	17
3.1 Emission Bandwidth and 99% Occupied Bandwidth Measurement.....	17
3.2 Maximum Conducted Output Power Measurement	24
3.3 Power Spectral Density Measurement	26
3.4 Unwanted Emissions Measurement	43
3.5 AC Conducted Emission Measurement.....	48
3.6 Antenna Requirements	50
4 List of Measuring Equipment.....	51
5 Measurement Uncertainty	52
Appendix A. Conducted Test Results	
Appendix B. AC Conducted Emission Test Result	
Appendix C. Radiated Spurious Emission	
Appendix D. Radiated Spurious Emission Plots	
Appendix E. Duty Cycle Plots	
Appendix F. Setup Photographs	



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	Emission Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	0.24 dB under the limit at 5121.72 MHz
3.5	15.207	AC Conducted Emission	Pass	0.19 dB under the limit at 0.47 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

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



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	Bluetooth-LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/n/ac/ax/be, GPS and ZigBee.
Antenna Type	WLAN: <Ant. A>: Omni-Directional Antenna <Ant. B>: Omni-Directional Antenna <Ant. C>: Omni-Directional Antenna <Ant. D>: Omni-Directional Antenna <Ant. E>: Omni-Directional Antenna <Ant. F>: Omni-Directional Antenna Bluetooth-LE/ZigBee: Omni-Directional Antenna GPS: Omni-Directional Antenna

Antenna information		
5180 MHz ~ 5240 MHz	Peak Gain (dBi)	<Ant. D>: 3.6 <Ant. B>: 3.1 <Ant. C>: 3.1 <Ant. A>: 3.6
5260 MHz ~ 5320 MHz	Peak Gain (dBi)	<Ant. D>: 3.2 <Ant. B>: 3.2 <Ant. C>: 3.2 <Ant. A>: 3.2
5500 MHz ~ 5720 MHz	Peak Gain (dBi)	<Ant. D>: 3.2 <Ant. B>: 3.2 <Ant. C>: 3.2 <Ant. A>: 3.2
5745 MHz ~ 5825 MHz	Peak Gain (dBi)	<Ant. D>: 3.2 <Ant. B>: 2.9 <Ant. C>: 2.9 <Ant. A>: 3.2

Remark:

1. The device is a special case of MIMO system with four outputs driving a cross-polarized pair of linearly polarized antennas which are vertically/horizontally mounted on the PCB board as indicated in equipment photo exhibits.
2. The EUT information mentioned or listed above is declared by the manufacturer.



1.1.1 Antenna Directional Gain

The device is the special case of a MIMO system with four outputs driving a cross-polarized pair of linearly polarized antennas (noted as “vertical” and “horizontal”).

Refer to KDB 662911 D01 v02r01 F)2)c) 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.

The total gain—including array gain—is computed separately for each of the two polarizations using the procedures presented in KDB 662911 D01 v02r01. The highest of the total gains shall apply.

CDD mode

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for N_{ANT} ≤ 4.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation follows F)2)f)i) of KDB 662911 D01

Directional gain = G_{ANT MAX} + 10 log(N_{ANT}/N_{SS}) dBi, where N_{SS} = the number of independent spatial streams of data and G_{ANT MAX} is the gain of the antenna having the highest gain (in dBi).

Table with 7 columns: Ant D, Ant A, DG for Power, DG for PSD, Power Limit Reduction, PSD Limit Reduction. Rows for Band I, II, III, IV.

Table with 7 columns: Ant B, Ant C, DG for Power, DG for PSD, Power Limit Reduction, PSD Limit Reduction. Rows for Band I, II, III, IV.



Calculation:

Directional gain of power measurement:

= max. antenna gain (3.6dBi, 3.6dBi) + 0 = 3.6 dBi

Directional gain of PSD measurement (Horizontal polarization):

= max. antenna gain (3.1dBi, 3.1dBi)+10*log(2/1) = 6.11dBi

Directional gain of PSD measurement (Vertical polarization):

= max. antenna gain (3.6dBi, 3.6dBi)+10*log(2/1) = 6.61dBi

Directional gain of PSD measurement:

= max directional gain of Horizontal and Vertical

= max. directional gain (6.11dBi, 6.61dBi) = 6.61 dBi

Modification of EUT

No modifications made to the EUT during the testing.

TXBF modes

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For power and PSD measurement, the directional gain calculation follows F)2)e)ii) of KDB 662911 D01 Directional gain = $G_{ANT\ MAX} + 10 \log(N_{ANT}/N_{SS})$ dBi, where N_{SS} = the number of independent spatial streams of data and $G_{ANT\ MAX}$ is the gain of the antenna having the highest gain (in dBi).

	Ant D	Ant A	DG	DG	Power	PSD
	Vertical	Vertical	for	for	Limit	Limit
	polarization	polarization	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	3.60	3.60	6.61	6.61	0.61	0.61
Band II	3.20	3.20	6.21	6.21	0.21	0.21
Band III	3.20	3.20	6.21	6.21	0.21	0.21
Band IV	3.20	3.20	6.21	6.21	0.21	0.21

	Ant B	Ant C	DG	DG	Power	PSD
	Horizontal	Horizontal	for	for	Limit	Limit
	polarization	polarization	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	3.10	3.10	6.11	6.11	0.11	0.11
Band II	3.20	3.20	6.21	6.21	0.21	0.21
Band III	3.20	3.20	6.21	6.21	0.21	0.21
Band IV	2.90	2.90	5.91	5.91	0.00	0.00

Calculation:

Directional gain of power and PSD measurement (Horizontal polarization):

= max. antenna gain (3.1dBi, 3.1dBi)+10*log(2/1) = 6.11dBi

Directional gain of power and PSD measurement (Vertical polarization):

= max. antenna gain (3.6dBi, 3.6dBi)+10*log(2/1) = 6.61dBi

Directional gain of PSD measurement:

= max directional gain of Horizontal and Vertical

= max. directional gain (6.11dBi, 6.61dBi) = 6.61 dBi



1.2 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

1.3 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 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		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151 [*]	5755	159 [*]	5795
	153	5765	161	5805
	155 [#]	5775	165	5825

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 "@n" are 802.11ac VHT160 and 802.11ax HE160 and 802.11be EHT160.



2.2 Test Mode

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

MIMO Mode

Specification	MCS index /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

**TXBF Mode**

Specification	MCS index /Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by EHT20)	MCS0
802.11n HT40 (Covered by EHT40)	MCS0
802.11ac VHT20 (Covered by EHT20)	MCS0
802.11ac VHT40 (Covered by EHT40)	MCS0
802.11ac VHT80 (Covered by EHT80)	MCS0
802.11ac VHT160 (Covered by EHT160)	MCS0
802.11ax HE20 (Covered by EHT20)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11ax HE160 (Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

Remark:

- 1 Based on the manufacturer's declaration, 802.11be covers the 802.11n, 11ac and 11ax due to the same modulation family scheme. For 802.11be, only full resource unit assignment mode is tested since the EUT does not support partial resource unit assignment mode.
- 2 Based on the manufacturer's declaration, RF power on each chain in MIMO mode is parameterized to be greater than the power in SISO mode, giving the condition that the SISO Mode is covered by MIMO Mode which is deemed the worst case selected for testing.
- 3 Beamforming mode power is less or equal to CDD mode. After preliminary scan designated by the manufacturer, CDD mode is determined to be the worst case compared to beamforming mode. Hence, beamforming mode is covered by CDD mode.
- 4 The EUT information mentioned or listed above is declared by the manufacturer.



Test Cases	
AC Conducted Emission	Mode 1: WLAN (2.4GHz) Link + WLAN (5GHz) Link + ZigBee Tx + Lan 1 + Lan 2 + PoE Adapter
	Mode 2: WLAN (2.4GHz) Link + WLAN (5GHz) Link + ZigBee Tx + Lan 1 + Lan 2 + AC Adapter
	Mode 3: Bluetooth-LE TX + Lan 1 + Lan 2 + PoE Adapter
	Mode 4: WLAN (6GHz) TX + Lan 1 + Lan 2 + PoE Adapter
Remark: The worst case of Conducted Emission is mode 4; only the test data of it was reported.	

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

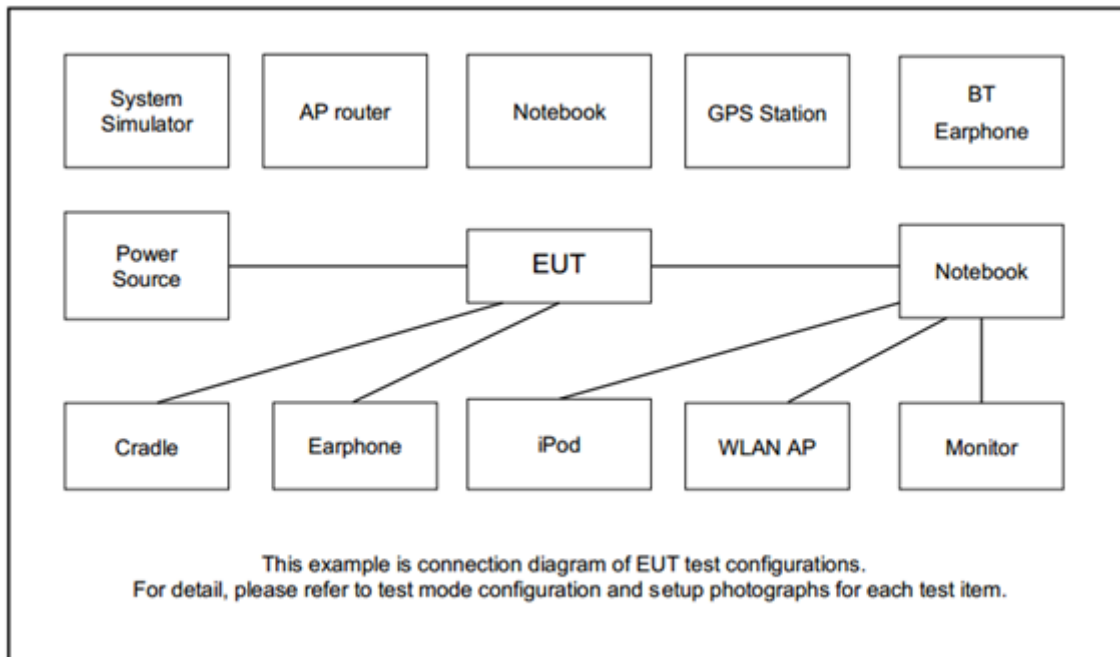
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11be EHT80	802.11be EHT80	802.11be EHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

BW160	5150-5350 MHz	5470-5725MHz
	802.11ax HE160	802.11ax HE160
Ch. #	50	114

Ch. #		Band IV : 5725-5850 MHz			
		802.11a	802.11be EHT20	802.11be EHT40	802.11be EHT80
L	Low	149	151	-	-
M	Middle	157	-	155	155
H	High	165	159	-	-

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.	PoE Adapter	Ruckus	740-64214-001	NA	NA	Unshielded, 1.8m
2.	Laptop	MSI	MS-17F3	NA	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Laptop	Lenovo	TP00116F	NA	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Laptop	Dell	Latitude E7470	NA	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	Adapter	Ruckus	740-64277-001	NA	NA	Unshielded, 1.0m

2.5 EUT Operation Test Setup

The RF test items, utility “PuTTY Release 0.77 & QSPR V5.0-00202” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

$$= 4.2 + 10 = 14.2 \text{ (dB)}$$



3 Test Result

3.1 Emission Bandwidth and 99% Occupied Bandwidth Measurement

3.1.1 Description of Emission Bandwidth and 99% Occupied Bandwidth

26dB and 99% Occupied bandwidth are reporting only.

The minimum 6 dB bandwidth shall be at least 500 kHz for the band 5.725-5.85 GHz.

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.

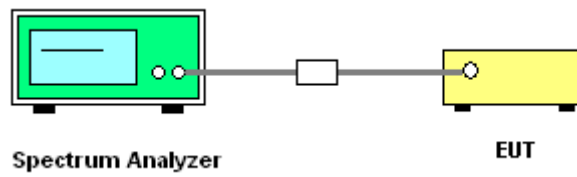
3.1.2 Measuring Instruments

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. For 6dB bandwidth measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 100 kHz and set the Video bandwidth (VBW) $\geq 3 * RBW$. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
9. Measure and record the results in the test report.

3.1.4 Test Setup



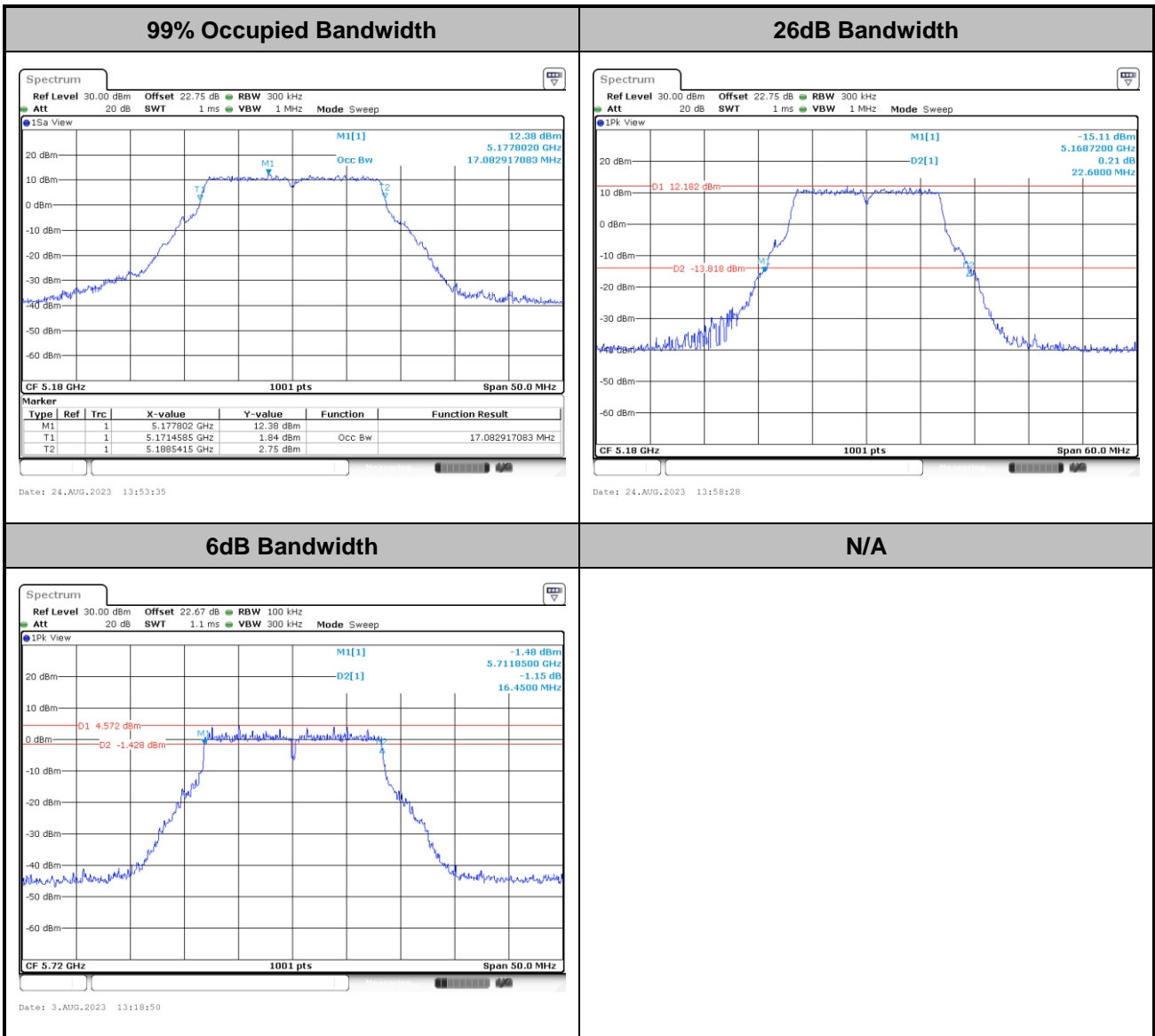
3.1.5 Test Result of Emission Bandwidth and 99% Occupied Bandwidth

Please refer to Appendix A.



MIMO <Ant. D+B+C+A>

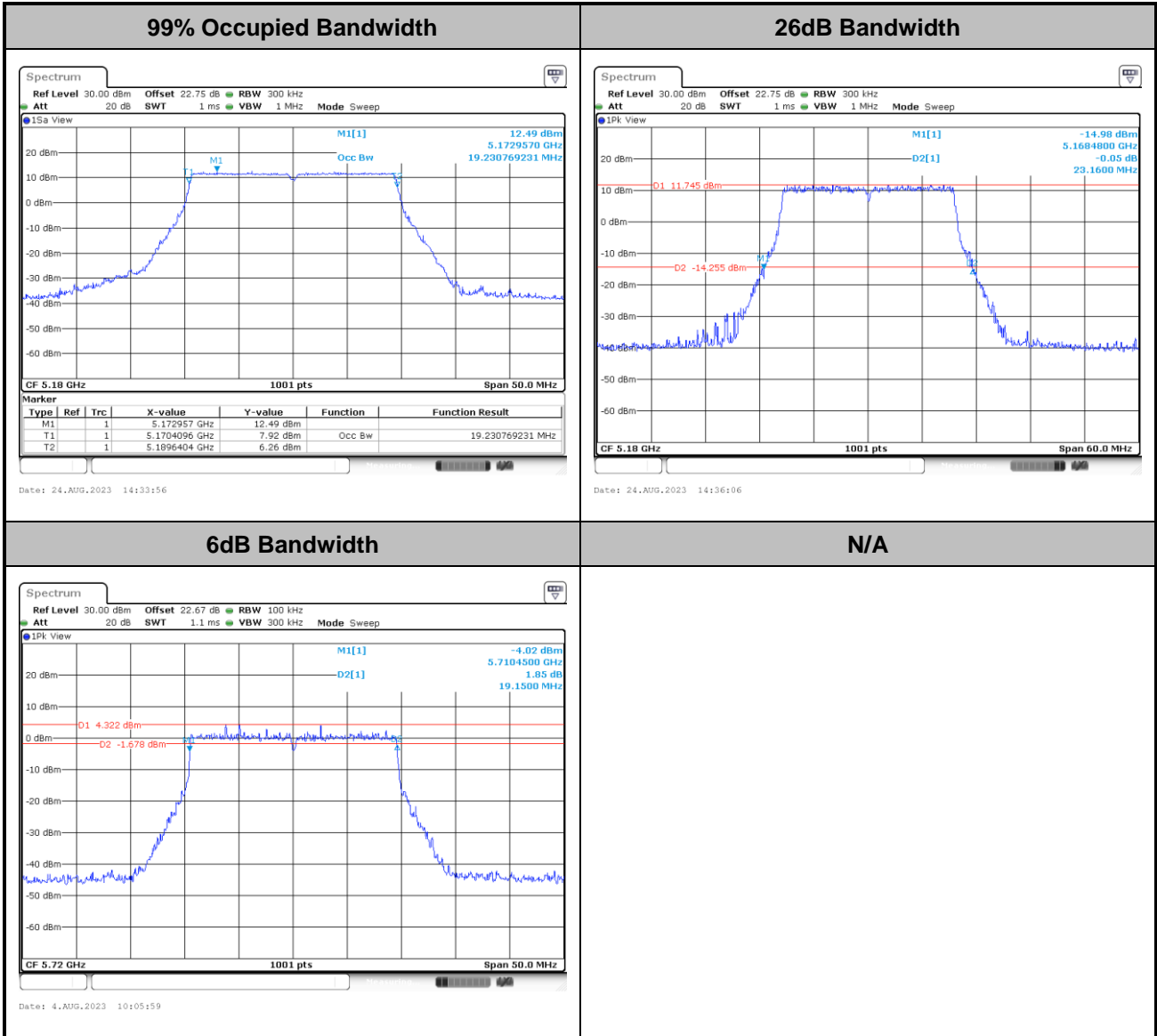
<802.11a>



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



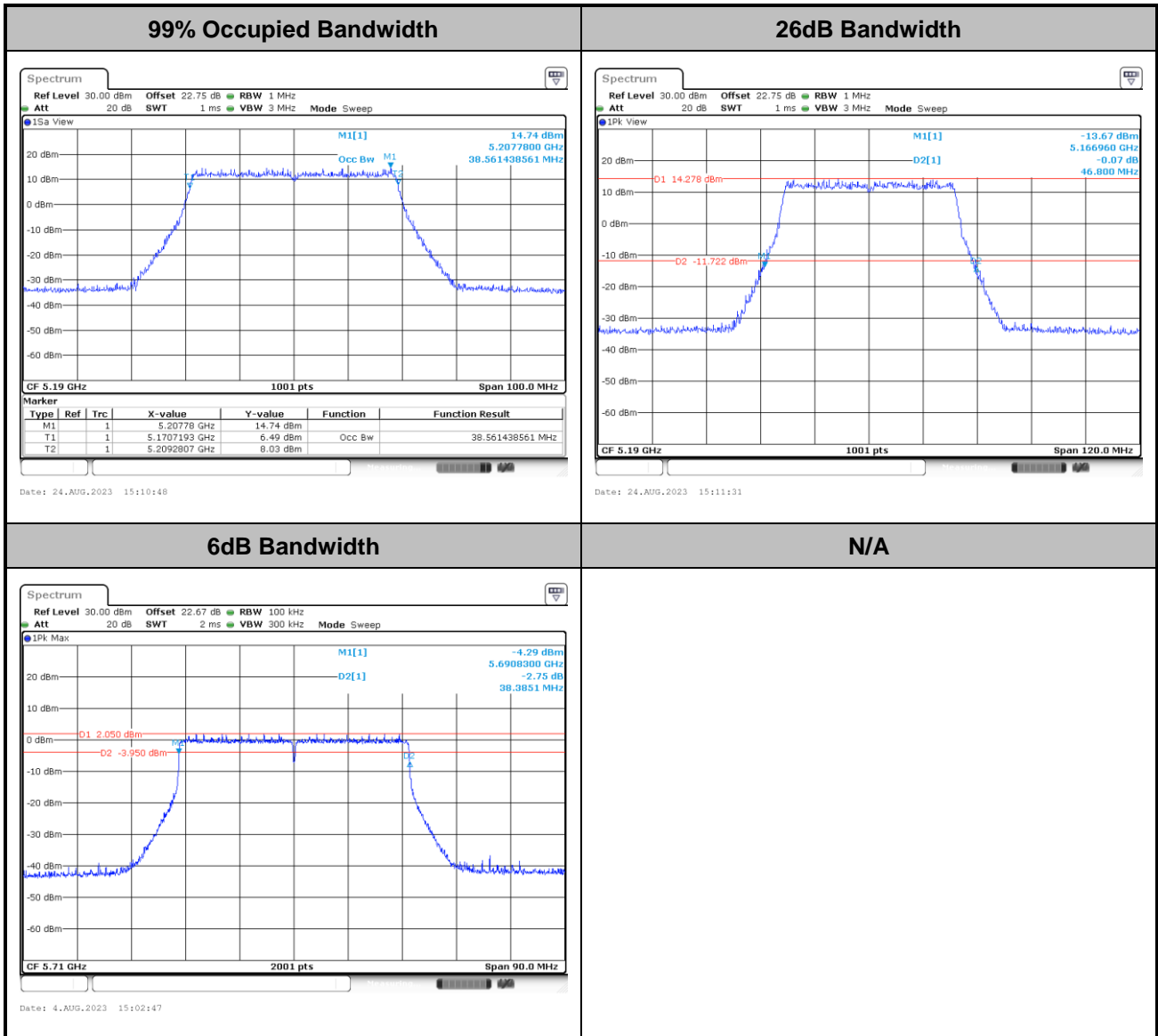
<802.11be EHT20>



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



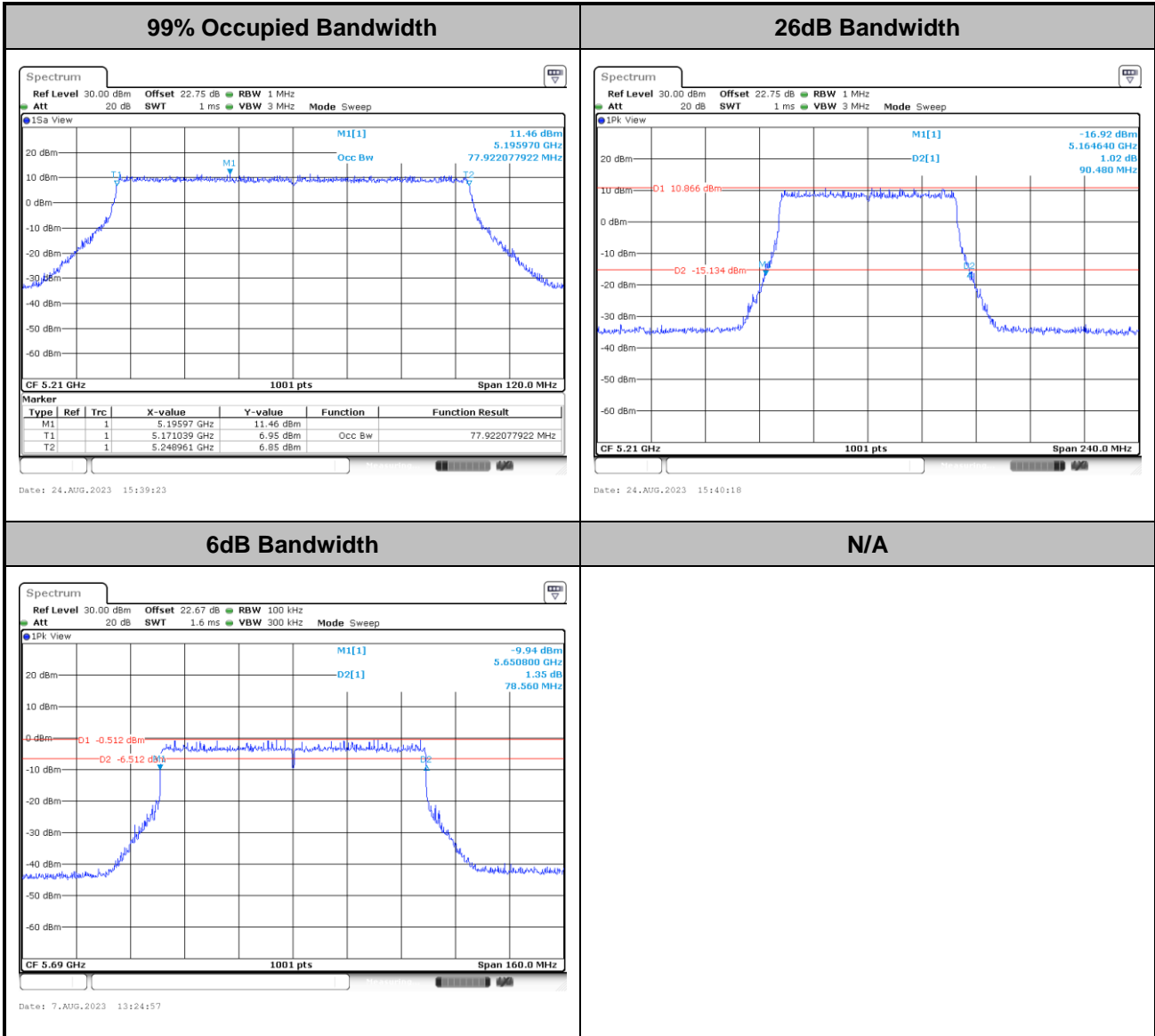
<802.11be EHT40>



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



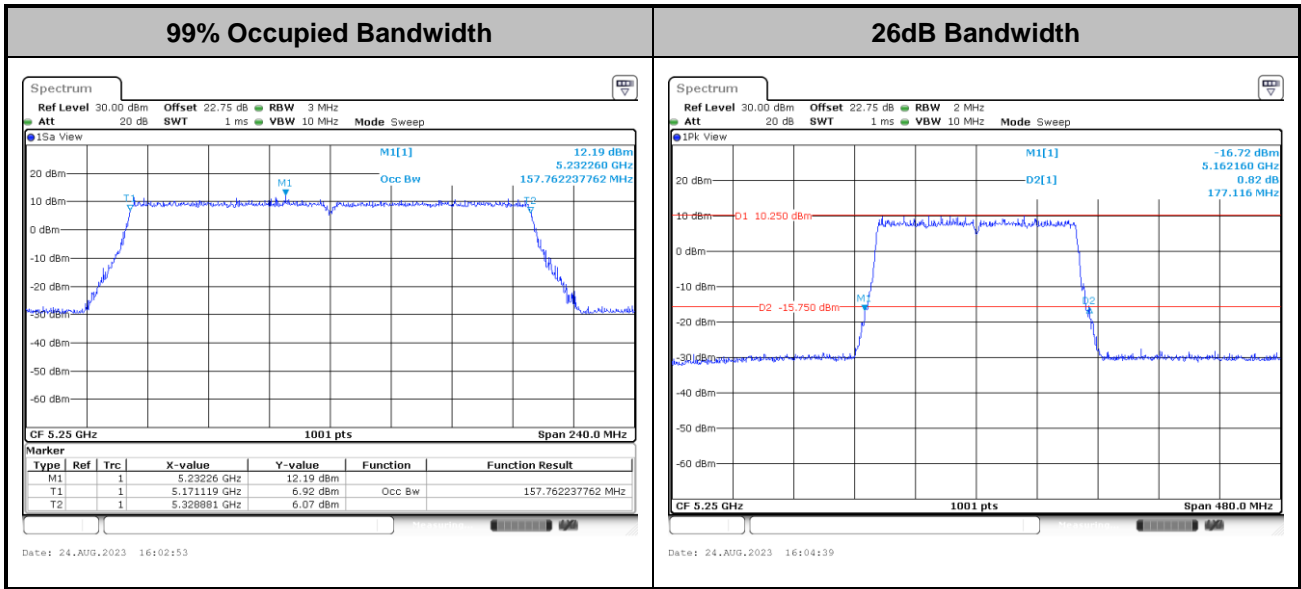
<802.11be EHT80>



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



<802.11be EHT160>



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, 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.

For the band 5.725–5.85 GHz:

■ the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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

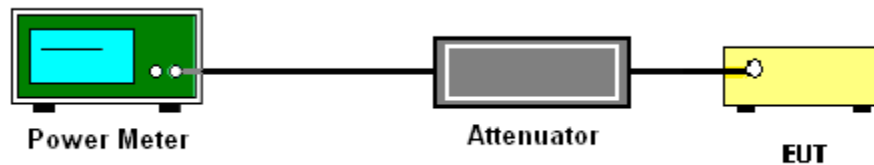
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

For the band 5.725–5.85 GHz:

The maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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.

For the band 5.15–5.25 GHz, 5.25–5.35 GHz, and 5.47–5.725 GHz:

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

For the band 5.725–5.85 GHz:

Method SA-2

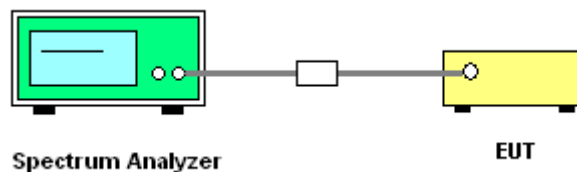
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 500kHz.
 - Set VBW \geq 1 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 (c): Measure and add $10 \log(N_{ANT})$ dB.

With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity $10 \log(N_{ANT})$ dB is added to each spectrum value before comparing to the emission limit. The addition of $10 \log(N_{ANT})$ dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}^{\text{th}}$ of the PSD limit.

3.3.4 Test Setup



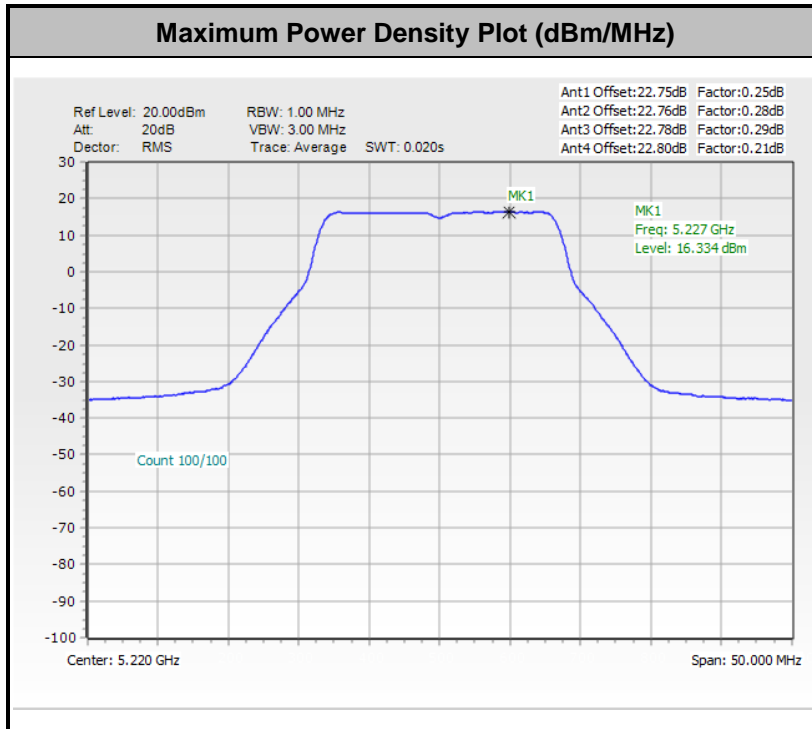
3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



For the band 5.15–5.25 GHz, 5.25–5.35 GHz, and 5.47–5.725 GHz:

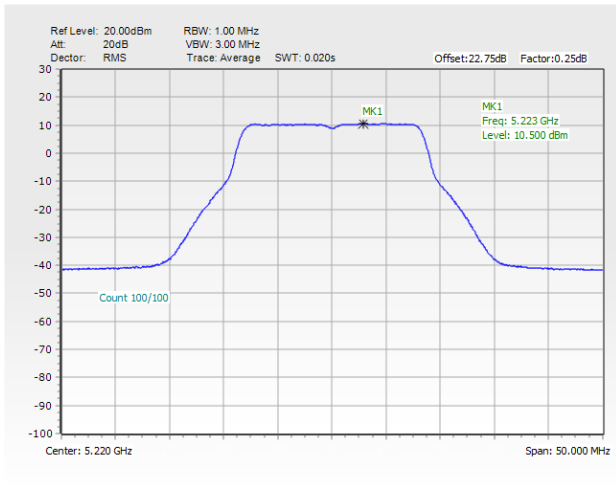
<802.11a>



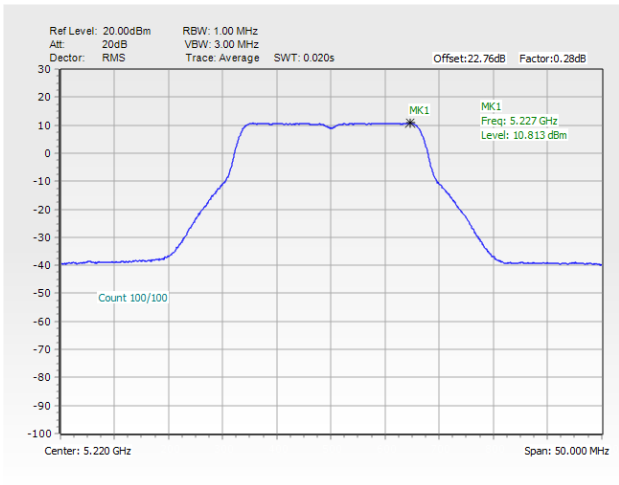
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



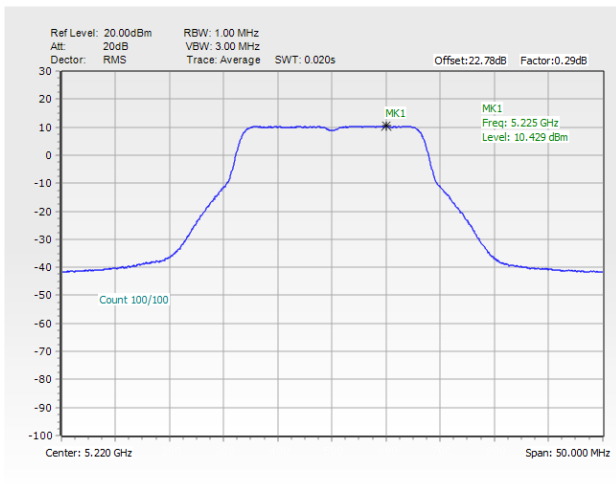
Maximum Power Density Plot Trace 1 (Ant D)



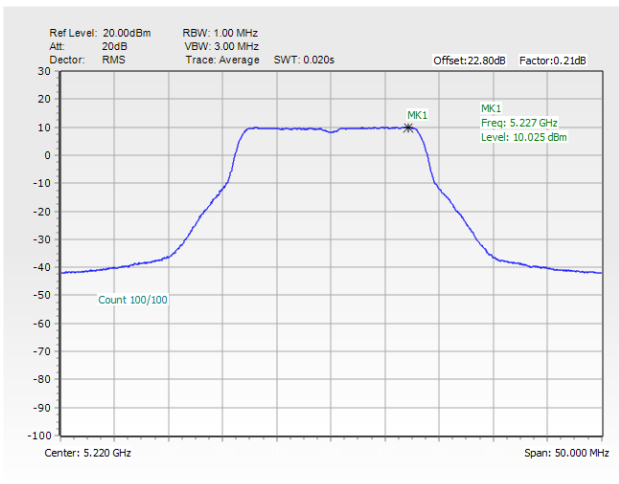
Maximum Power Density Plot Trace 2 (Ant B)



Maximum Power Density Plot Trace 3 (Ant C)

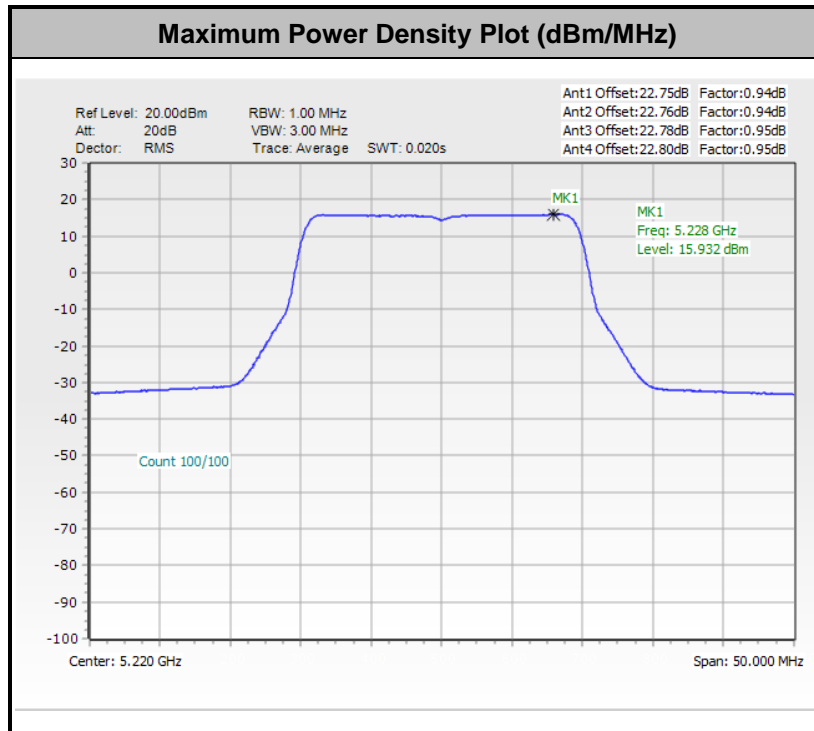


Maximum Power Density Plot Trace 4 (Ant A)





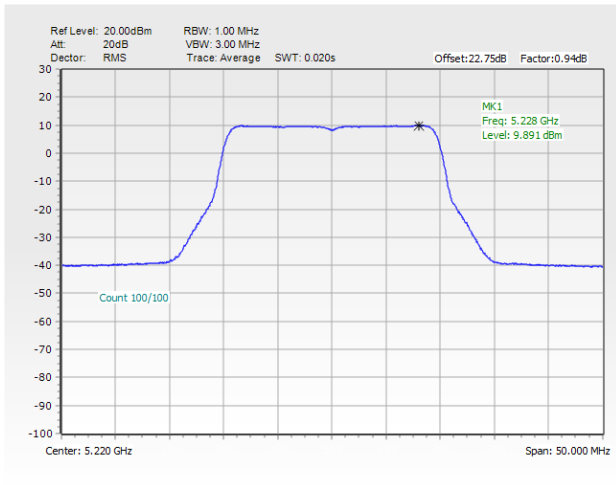
<802.11be EHT20>



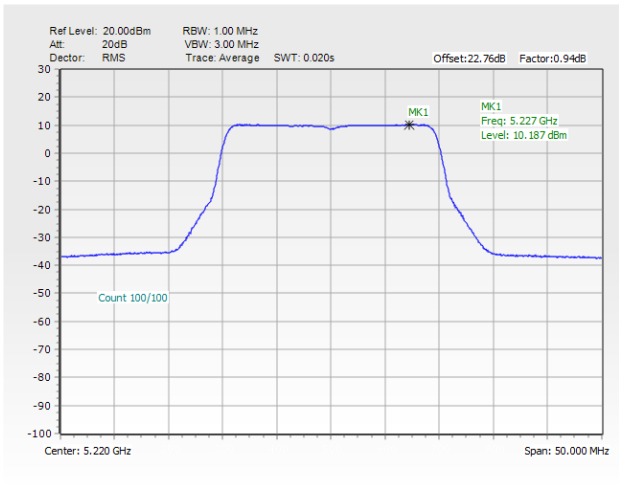
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



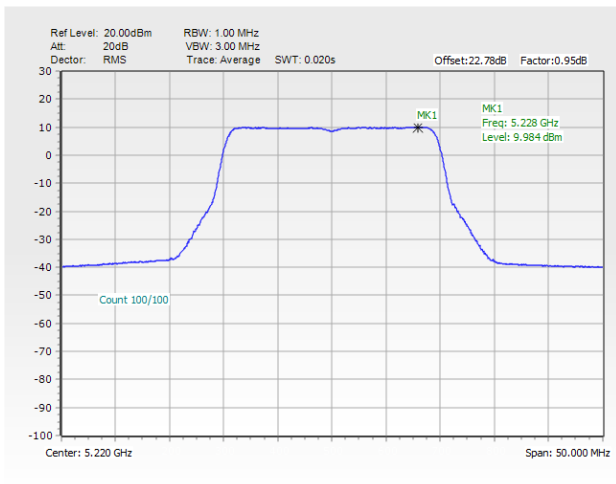
Maximum Power Density Plot Trace 1 (Ant D)



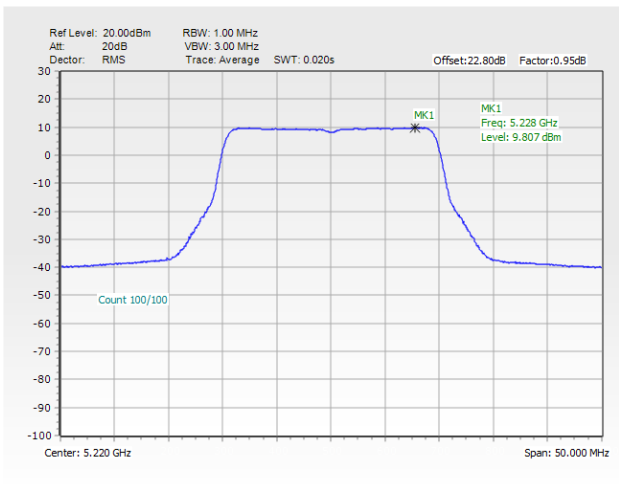
Maximum Power Density Plot Trace 2 (Ant B)



Maximum Power Density Plot Trace 3 (Ant C)

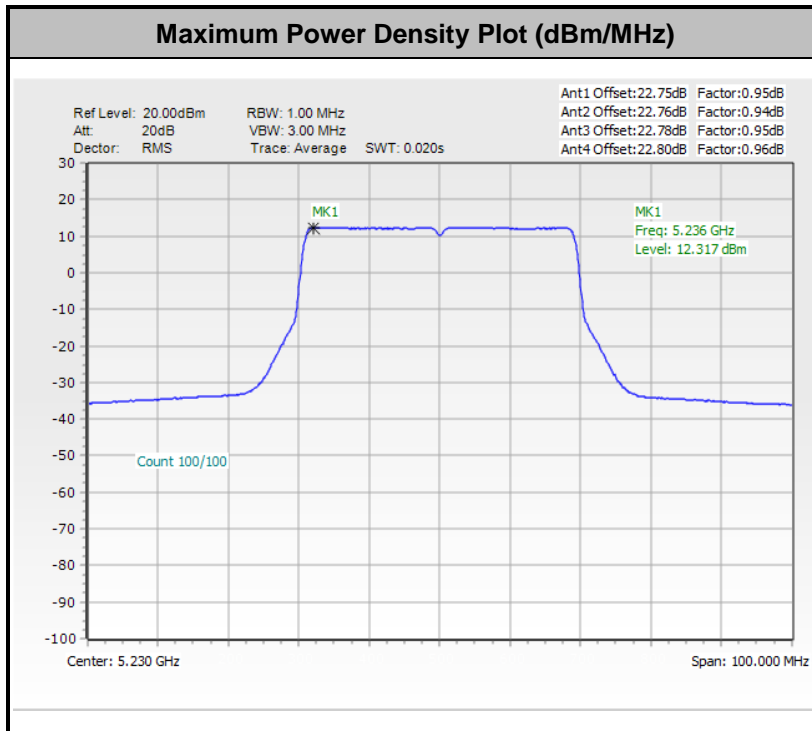


Maximum Power Density Plot Trace 4 (Ant A)





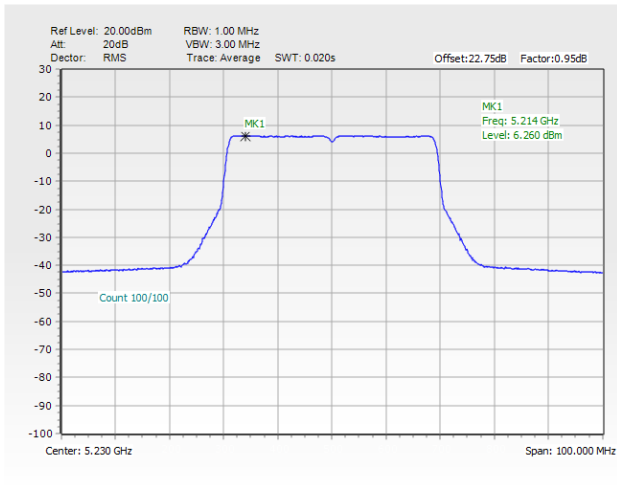
<802.11be EHT40>



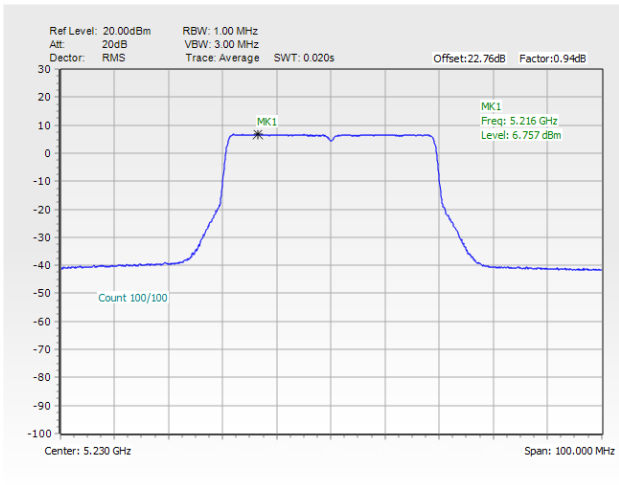
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



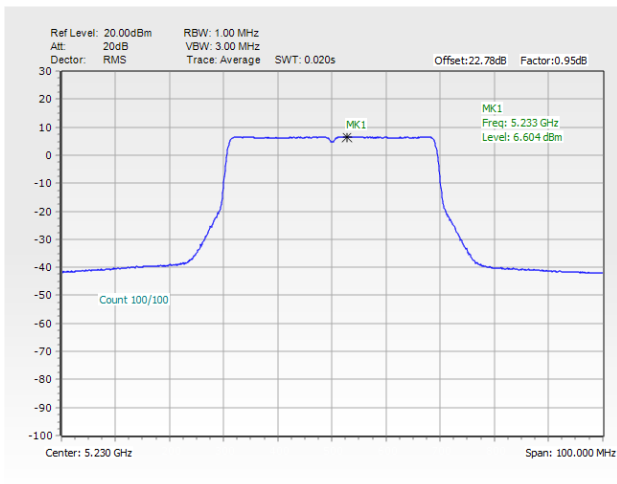
Maximum Power Density Plot Trace 1 (Ant D)



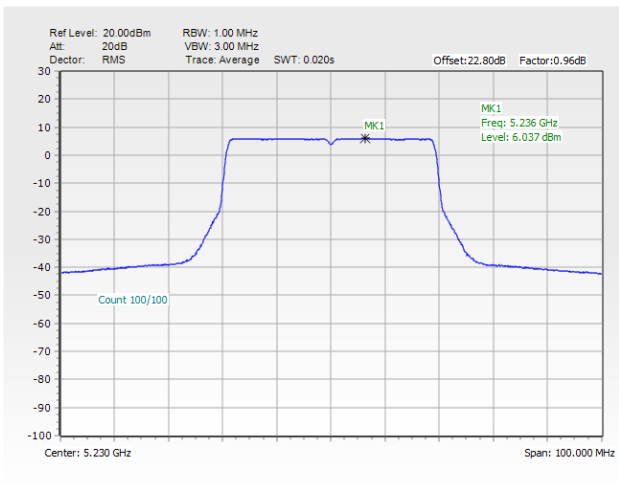
Maximum Power Density Plot Trace 2 (Ant B)



Maximum Power Density Plot Trace 3 (Ant C)

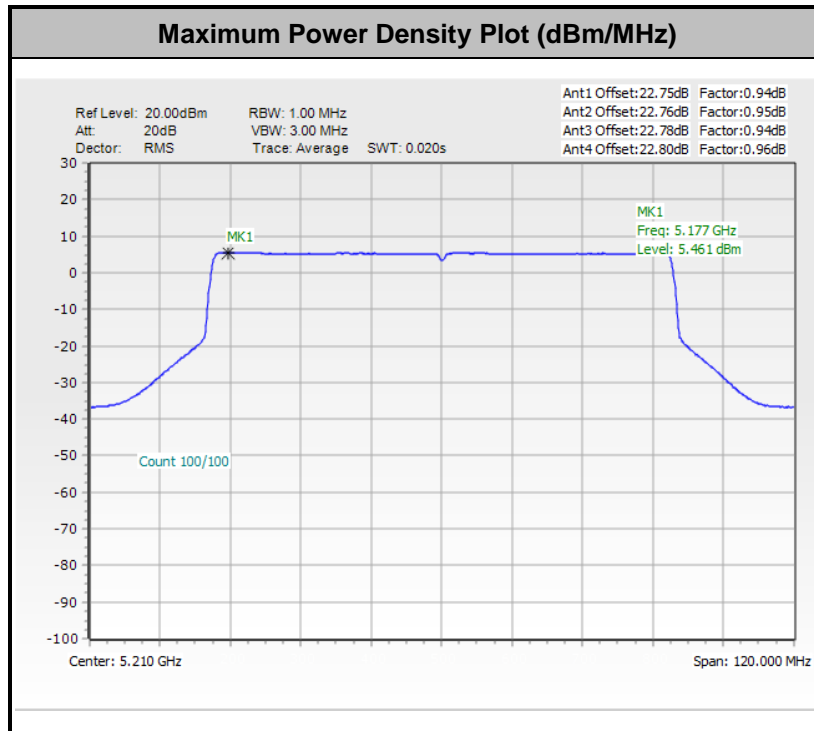


Maximum Power Density Plot Trace 4 (Ant A)





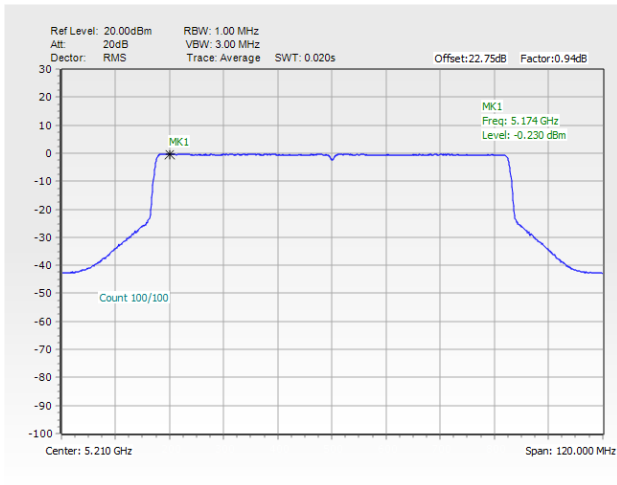
<802.11be EHT80>



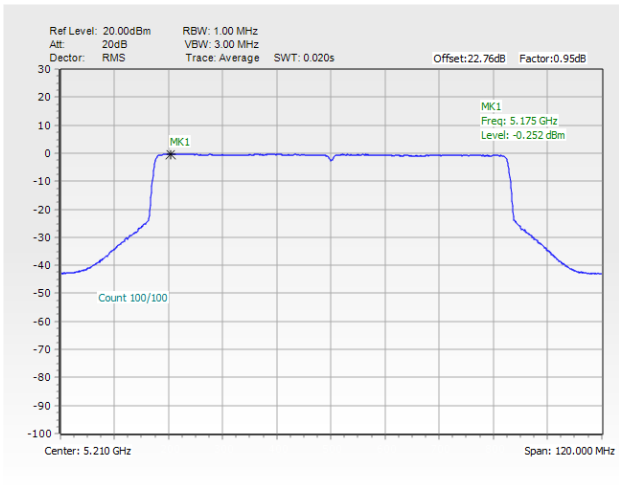
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



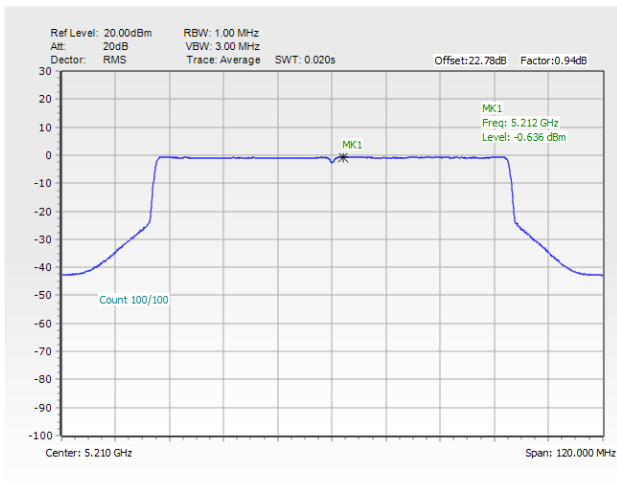
Maximum Power Density Plot Trace 1 (Ant D)



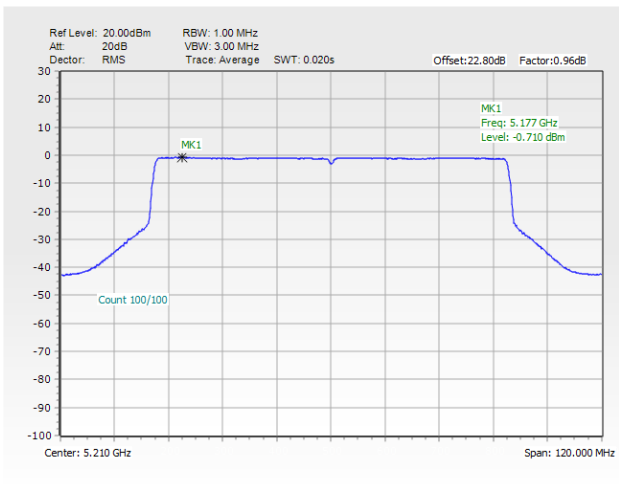
Maximum Power Density Plot Trace 2 (Ant B)



Maximum Power Density Plot Trace 3 (Ant C)

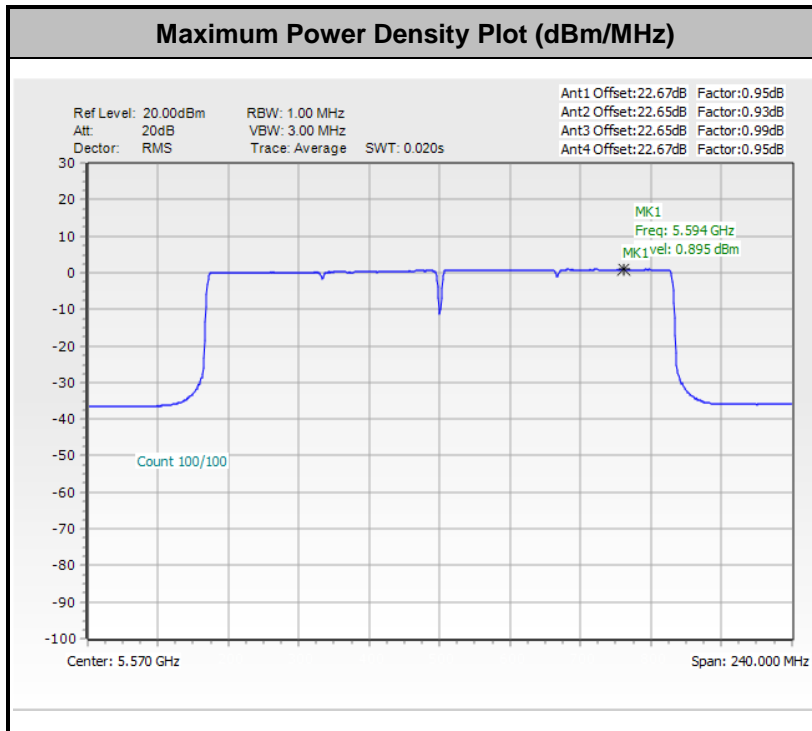


Maximum Power Density Plot Trace 4 (Ant A)





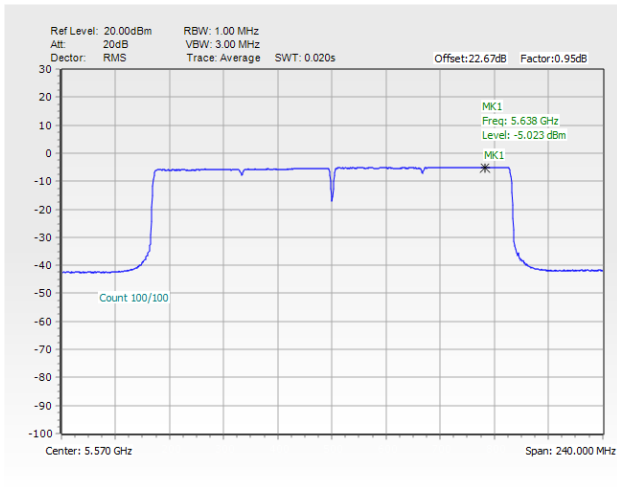
<802.11ax EHT160>



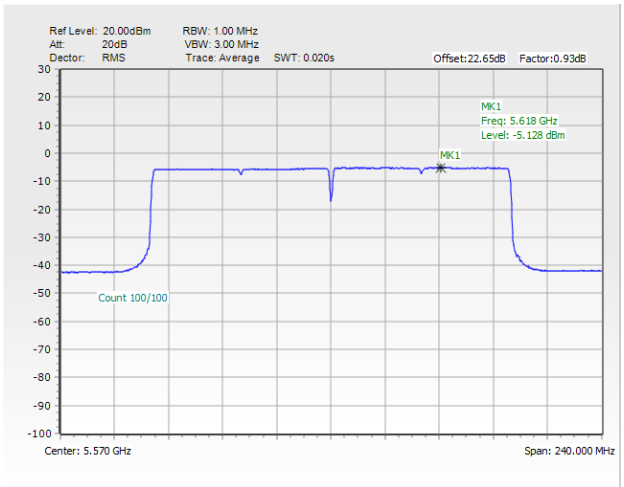
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



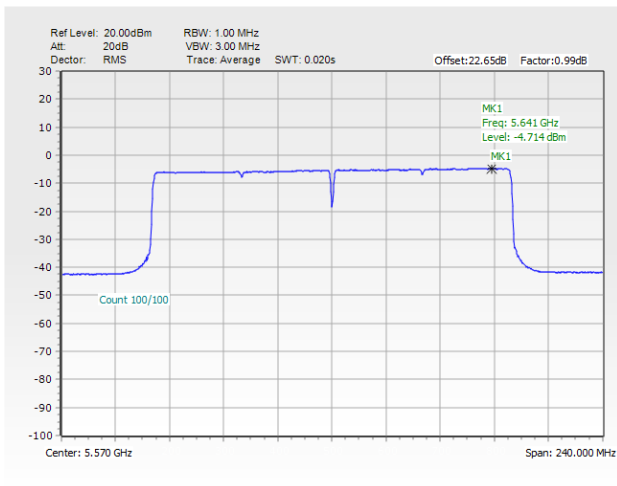
Maximum Power Density Plot Trace 1 (Ant D)



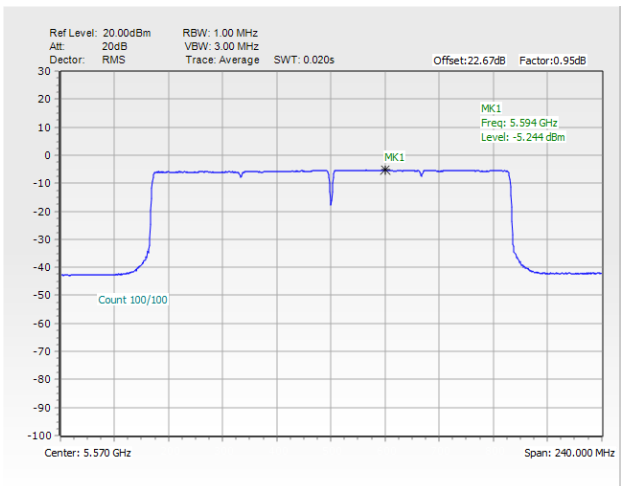
Maximum Power Density Plot Trace 2 (Ant B)



Maximum Power Density Plot Trace 3 (Ant C)



Maximum Power Density Plot Trace 4 (Ant A)



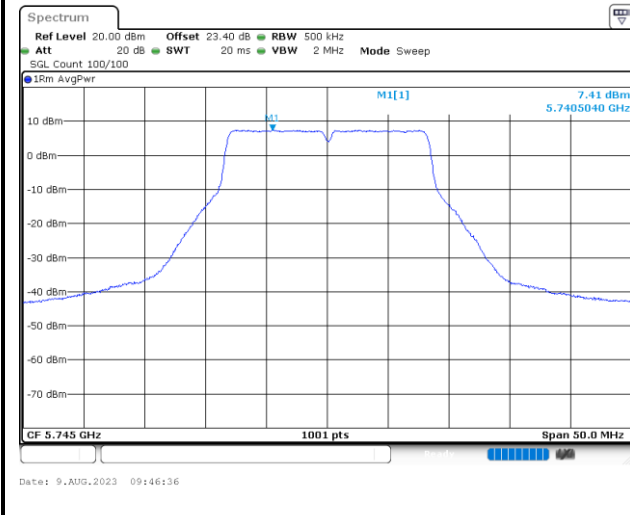


For the band 5.725–5.85 GHz:

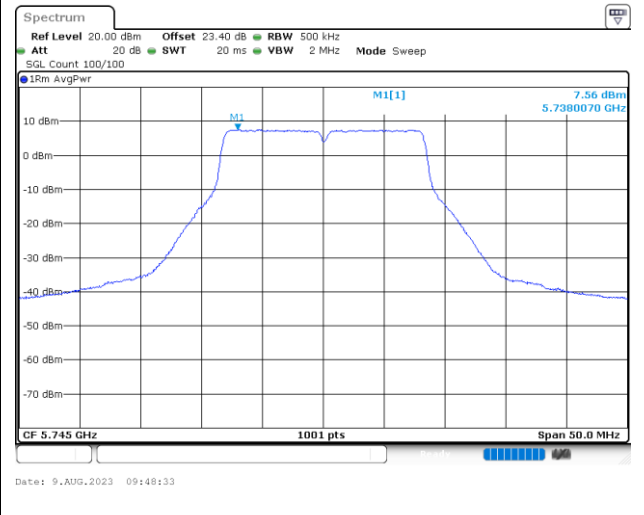
<802.11a>

Maximum Power Density Plot (dBm/500kHz)

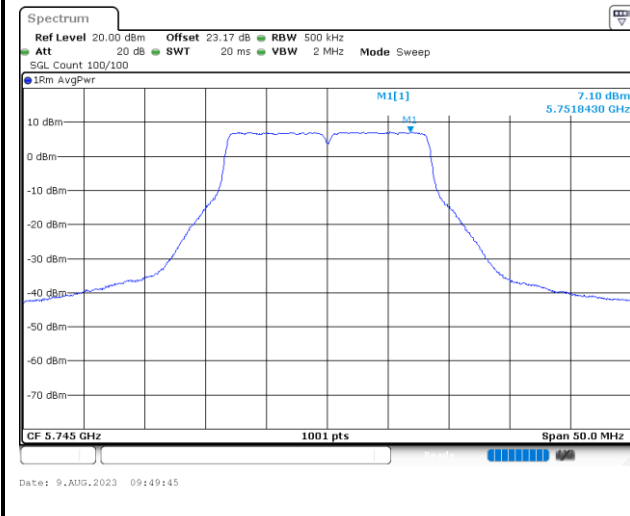
MIMO Ant. D



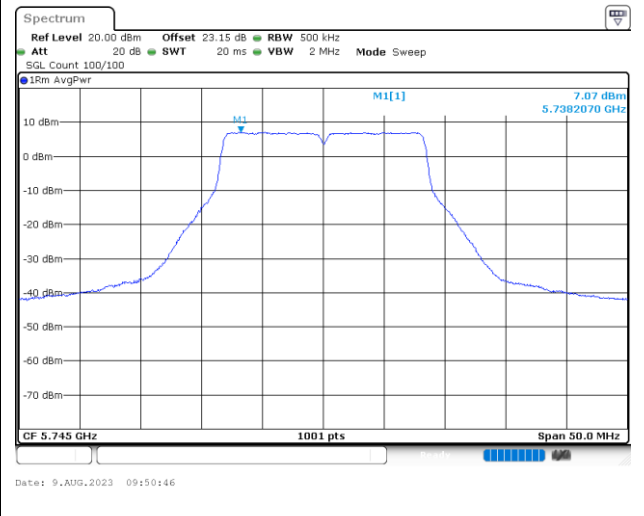
MIMO Ant. B



MIMO Ant. C



MIMO Ant. A

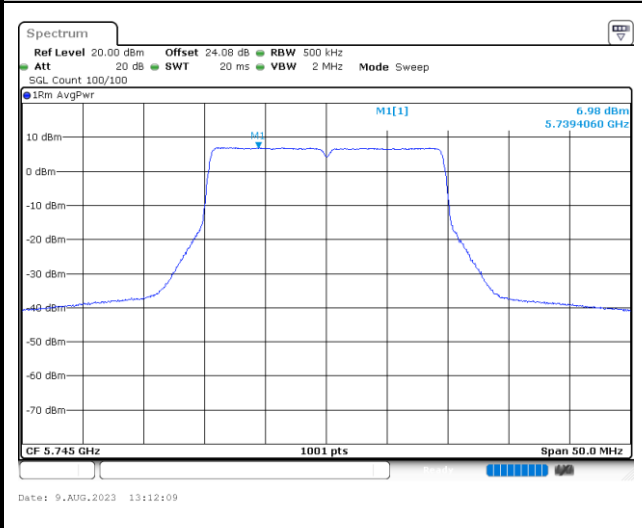




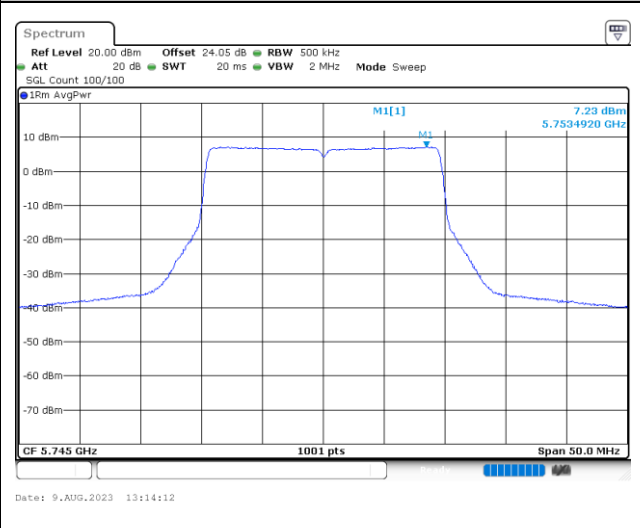
<802.11be EHT20>

Maximum Power Density Plot (dBm/500kHz)

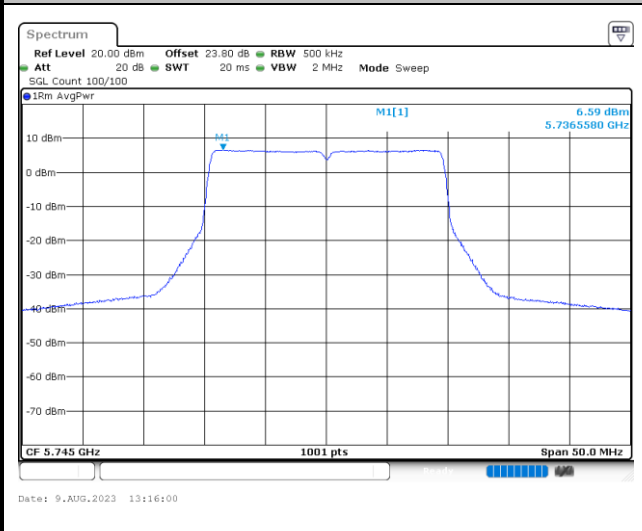
MIMO Ant. D



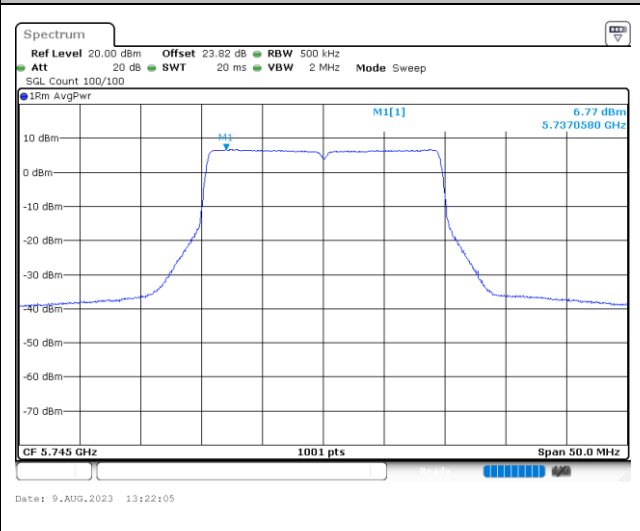
MIMO Ant. B



MIMO Ant. C



MIMO Ant. A

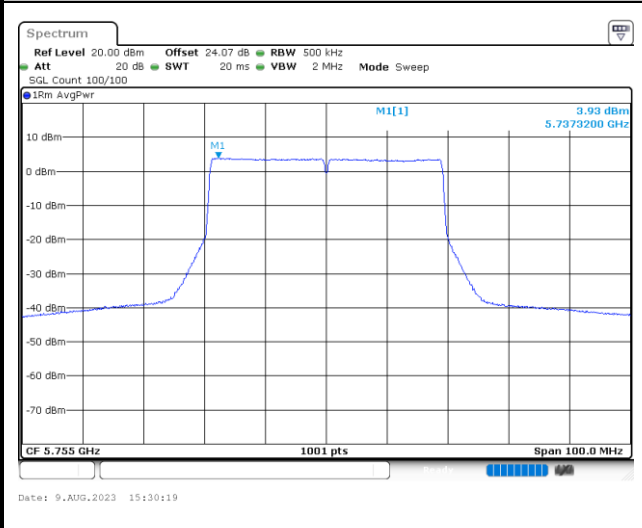




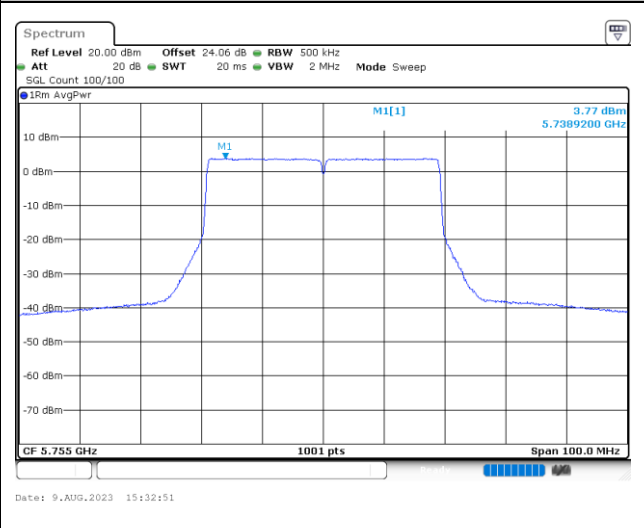
<802.11be EHT40>

Maximum Power Density Plot (dBm/500kHz)

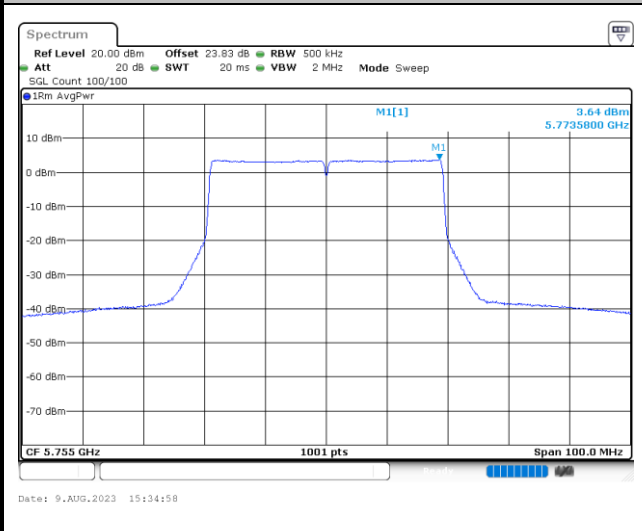
MIMO Ant. D



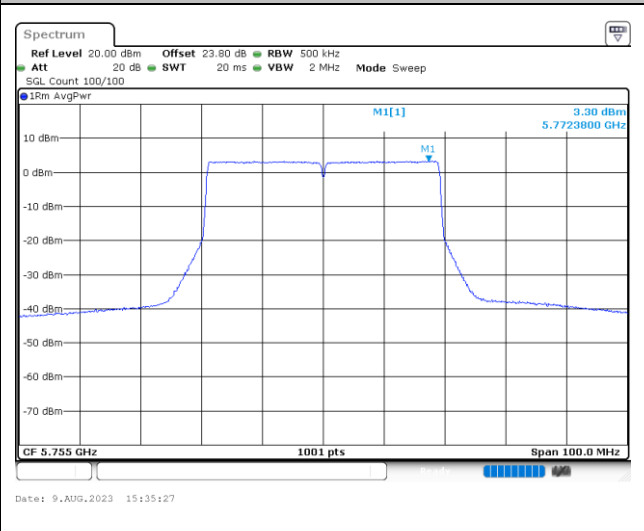
MIMO Ant. B



MIMO Ant. C



MIMO Ant. A

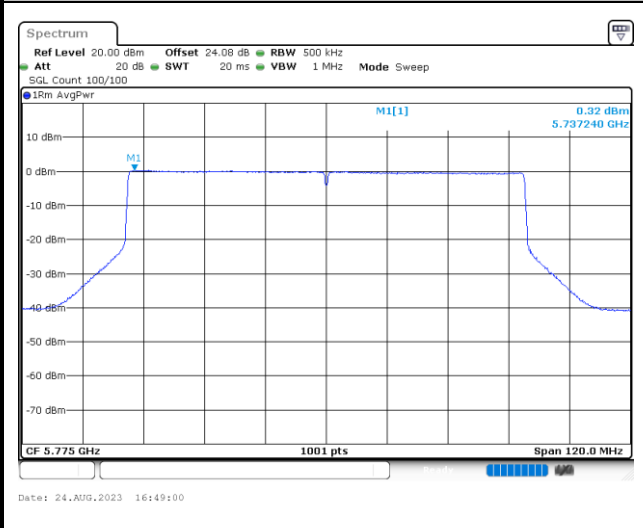




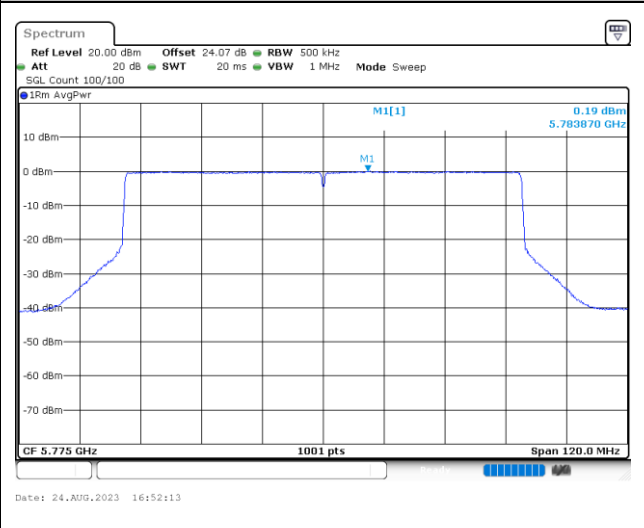
<802.11be EHT80>

Maximum Power Density Plot (dBm/500kHz)

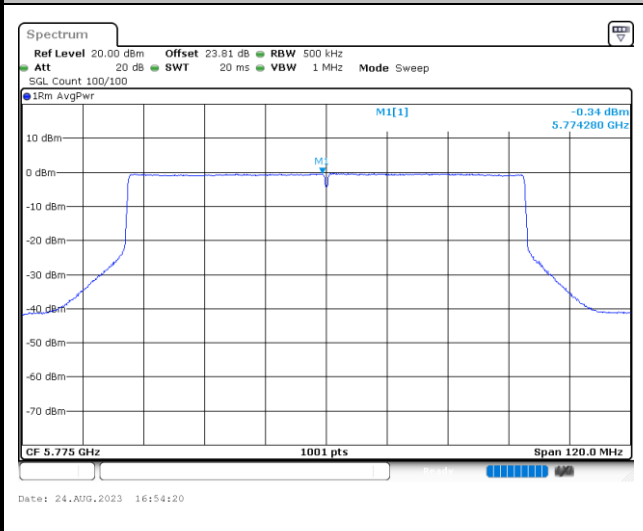
MIMO Ant. D



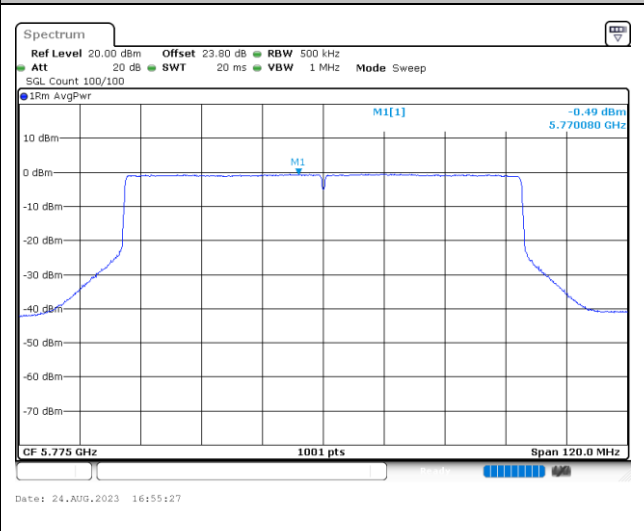
MIMO Ant. B



MIMO Ant. C



MIMO Ant. 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.

For transmitters operating in the 5.725-5.85 GHz band:

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (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.

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



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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

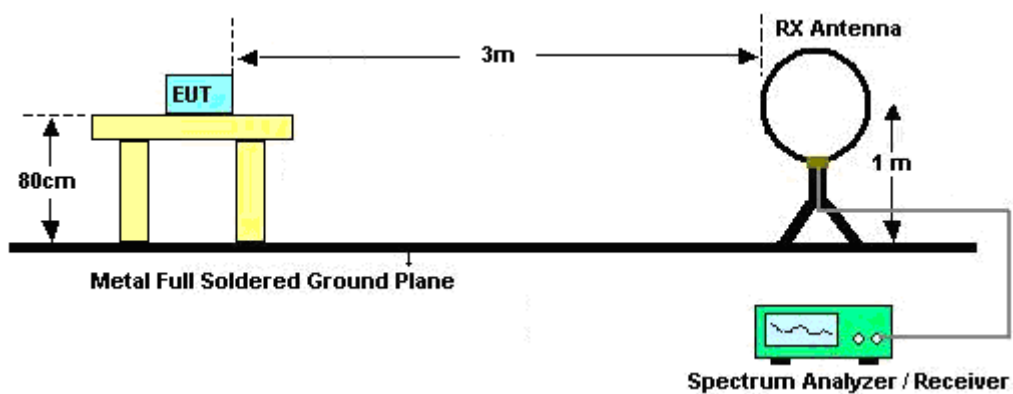
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

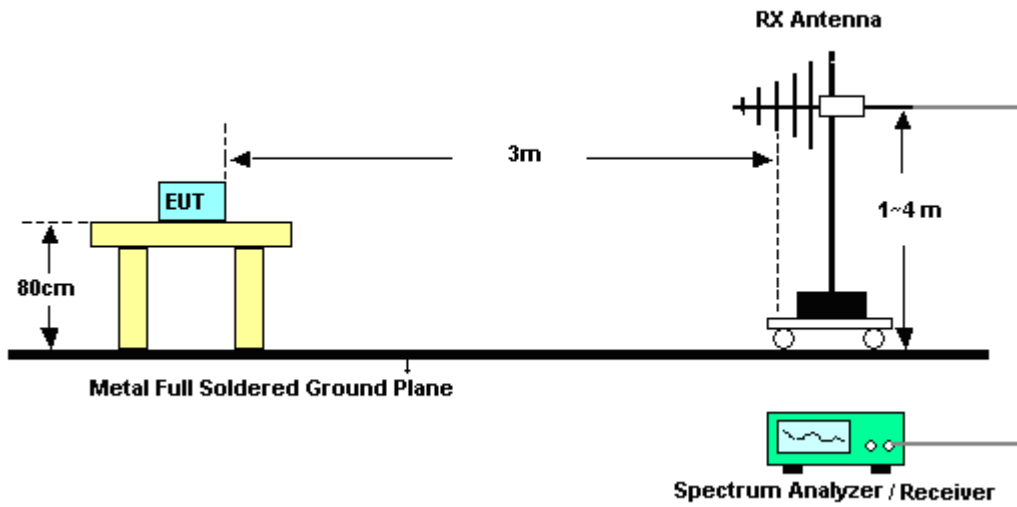
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

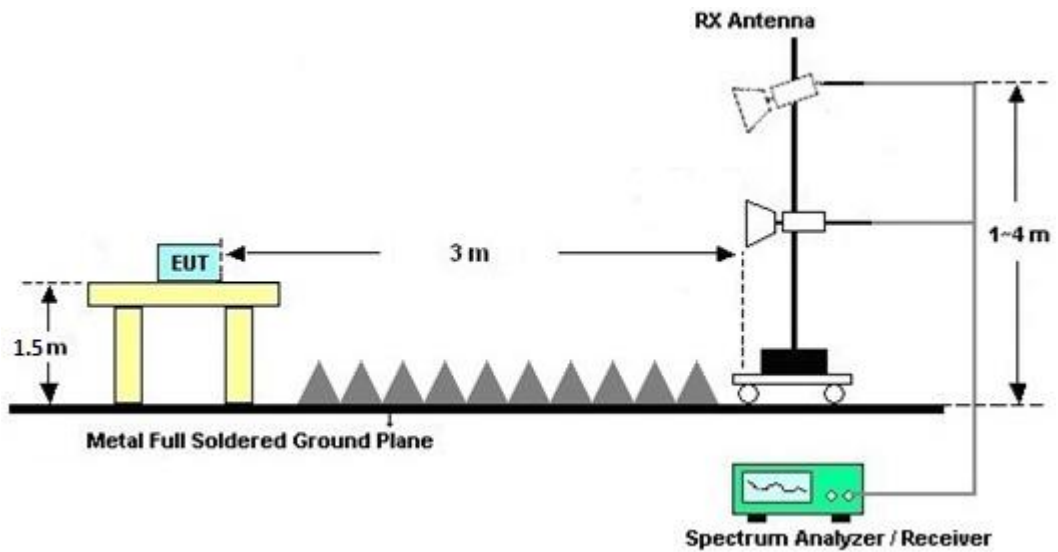
For radiated emissions below 30MHz



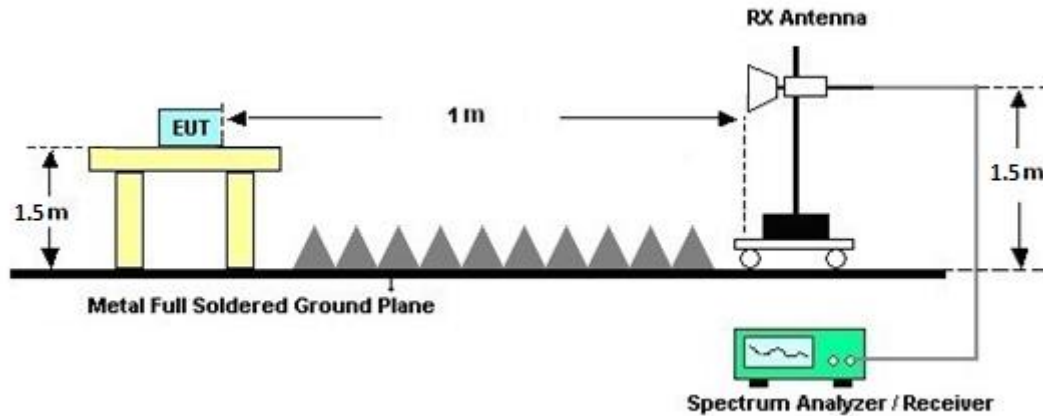
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated 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 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 Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	R&S	HFH2-Z2E	100840	9kHz~30MHz	Jun. 29, 2023	Aug. 01, 2023~ Aug. 28, 2023	Jun. 28, 2024	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	54683	30MHz~1GHz	Nov. 01, 2022	Aug. 01, 2023~ Aug. 28, 2023	Oct. 31, 2023	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBE CK	BBHA 9120D	02140	1GHz~18GHz	Jan. 09, 2023	Aug. 01, 2023~ Aug. 28, 2023	Jan. 08, 2024	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBE CK	BBHA9170	00842	18GHz~40GHz	Jul. 17, 2023	Aug. 01, 2023~ Aug. 28, 2023	Jul. 16, 2024	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	May 03, 2023	Aug. 01, 2023~ Aug. 28, 2023	May 02, 2024	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	May 04, 2023	Aug. 01, 2023~ Aug. 28, 2023	May 03, 2024	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G -56-01-A70	EC1900252	1GHz~18GHz	May 23, 2023	Aug. 01, 2023~ Aug. 28, 2023	May 22, 2024	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz~40GHz	May 04, 2023	Aug. 01, 2023~ Aug. 28, 2023	May 03, 2024	Radiation (03CH02-CA)
RF Cable	HUBER+SUH NER	SUCOFLEX 102	804209/2, 802406/2, 802875/2, 802952/2	N/A	Nov. 14, 2022	Aug. 01, 2023~ Aug. 28, 2023	Nov. 13, 2023	Radiation (03CH02-CA)
High Pass Filter	WOKEN	WFIL-H6500-26 500F	WR67BWC4B 1	6.5G-26.5G	Jun. 05, 2023	Aug. 01, 2023~ Aug. 28, 2023	Jun. 04, 2024	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-12 72-11000-40SS	SN2	1.2GHz Low Pass Filter	Jun. 05, 2023	Aug. 01, 2023~ Aug. 28, 2023	Jun. 04, 2024	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Sep. 12, 2022	Aug. 01, 2023~ Aug. 28, 2023	Sep. 11, 2023	Radiation (03CH02-CA)
Controller	ChainTek	EM-1000	060876	NA	N/A	Aug. 01, 2023~ Aug. 28, 2023	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 01, 2023~ Aug. 28, 2023	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 01, 2023~ Aug. 28, 2023	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Aug. 01, 2023~ Aug. 28, 2023	N/A	Radiation (03CH02-CA)
LISN	TESEQ	NNB51	47415	N/A	Aug. 04, 2023	Sep. 21, 2023	Aug. 03, 2024	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9kHz~7GHz	May 23, 2023	Sep. 21, 2023	May 22, 2024	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F- N00412	N/A	Jun. 05, 2023	Sep. 21, 2023	Jun. 04, 2024	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Sep. 21, 2023	N/A	Conduction (CO01-CA)
Hygrometer	Testo	608-H1	45142602	N/A	Sep. 12, 2022	Aug. 02, 2023~ Aug. 24, 2023	Sep. 11, 2023	Conducted (TH01-CA)
Power Sensor	DARE!!	RPR3008W	RPR8W-2301 002	10MHz-8GHz	Feb. 08, 2023	Aug. 02, 2023~ Aug. 24, 2023	Feb. 07, 2024	Conducted (TH01-CA)
Switch Box	EM Electronics	EMSW26	1090304	N/A	Dec. 05, 2022	Aug. 02, 2023~ Aug. 24, 2023	Dec. 04, 2023	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101545	10Hz-40GHz	May 03, 2023	Aug. 02, 2023~ Aug. 24, 2023	May 02, 2024	Conducted (TH01-CA)



5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.70 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.60 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.20 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.10 dB
---	---------

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Liliana Gonzalez and Vincent Lam	Temperature:	22.1~25	°C
Test Date:	2023/08/02~2023/08/24	Relative Humidity:	48.3~55.8	%

<CDD>

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 D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
11a	6Mbps	4	36	5180	17.08	17.03	17.03	17.03	22.68	22.78	22.96	22.60	-
11a	6Mbps	4	44	5220	17.08	17.03	17.03	17.08	22.68	23.04	22.68	22.74	
11a	6Mbps	4	48	5240	17.08	17.08	17.03	17.03	22.80	23.04	23.04	22.56	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO 4Tx Mode																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)			Pass/Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	
11a	6Mbps	4	36	5180	20.83	21.35	20.88	20.59	26.94	30.00				3.60			Pass
11a	6Mbps	4	44	5220	22.39	22.63	22.10	21.69	28.24	30.00				3.60			Pass
11a	6Mbps	4	48	5240	22.25	22.21	21.88	21.58	28.01	30.00				3.60			Pass
HT20	MCS0	4	36	5180	20.27	20.71	20.27	20.02	26.35	30.00				3.60			Pass
HT20	MCS0	4	44	5220	22.21	22.57	22.36	22.08	28.33	30.00				3.60			Pass
HT20	MCS0	4	48	5240	22.02	22.18	22.16	21.89	28.08	30.00				3.60			Pass
HT40	MCS0	4	38	5190	18.30	18.25	17.96	17.75	24.21	30.00				3.60			Pass
HT40	MCS0	4	46	5230	21.62	21.99	21.68	21.30	27.84	30.00				3.60			Pass
VHT20	MCS0	4	36	5180	20.29	20.67	20.12	19.85	26.26	30.00				3.60			Pass
VHT20	MCS0	4	44	5220	22.27	22.50	22.19	21.81	28.22	30.00				3.60			Pass
VHT20	MCS0	4	48	5240	22.11	22.13	21.87	21.64	27.96	30.00				3.60			Pass
VHT40	MCS0	4	38	5190	18.42	18.34	18.11	17.87	24.21	30.00				3.60			Pass
VHT40	MCS0	4	46	5230	22.04	22.32	22.27	21.72	28.11	30.00				3.60			Pass
VHT80	MCS0	4	42	5210	18.06	17.97	17.72	17.42	23.82	30.00				3.60			Pass
VHT160	MCS0	4	50	5250	16.05	15.98	15.92	15.60	21.91	30.00				3.60			Pass

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

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO 4Tx Mode																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density with Duty Factor (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
11a	6Mbps	4	36	5180	-	-	-	-	14.94	-	-	-	-	16.39	-	-	6.61	Pass
11a	6Mbps	4	44	5220	-	-	-	-	16.33	-	-	-	-	16.39	-	-	6.61	Pass
11a	6Mbps	4	48	5240	-	-	-	-	16.10	-	-	-	-	16.39	-	-	6.61	Pass

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

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO 4Tx Mode																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				Note
					Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
11a	6Mbps	4	52	5260	17.08	17.08	17.03	17.03	22.74	22.68	23.04	22.68	23.98				-
11a	6Mbps	4	60	5300	17.08	17.08	17.08	17.08	22.68	22.56	23.04	22.68	23.98				
11a	6Mbps	4	64	5320	17.08	17.03	17.03	17.03	22.68	22.98	22.92	22.62	23.98				

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO 4Tx Mode																				
Mod.	Data Rate	Nrx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)				EIRP Power Limit (dBm)	Pass/Fail	
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A			
11a	6Mbps	4	52	5260	16.46	16.45	16.04	16.00	22.26					23.98				3.20	30.00	Pass
11a	6Mbps	4	60	5300	16.17	16.46	15.92	16.31	22.24					23.98				3.20	30.00	Pass
11a	6Mbps	4	64	5320	16.65	16.92	16.77	16.88	22.83					23.98				3.20	30.00	Pass
HT20	MCS0	4	52	5260	16.87	16.82	16.74	16.74	22.81					23.98				3.20	30.00	Pass
HT20	MCS0	4	60	5300	16.51	16.97	16.62	16.95	22.79					23.98				3.20	30.00	Pass
HT20	MCS0	4	64	5320	16.54	16.92	16.61	16.77	22.73					23.98				3.20	30.00	Pass
HT40	MCS0	4	54	5270	17.75	17.47	17.67	17.68	23.61					23.98				3.20	30.00	Pass
HT40	MCS0	4	62	5310	17.37	17.62	17.65	17.83	23.59					23.98				3.20	30.00	Pass
VHT20	MCS0	4	52	5260	16.95	16.80	16.72	16.60	22.79					23.98				3.20	30.00	Pass
VHT20	MCS0	4	60	5300	16.68	16.97	16.54	16.78	22.77					23.98				3.20	30.00	Pass
VHT20	MCS0	4	64	5320	16.60	16.82	16.63	16.78	22.73					23.98				3.20	30.00	Pass
VHT40	MCS0	4	54	5270	17.80	17.47	17.53	17.60	23.62					23.98				3.20	30.00	Pass
VHT40	MCS0	4	62	5310	17.58	17.52	17.57	17.66	23.60					23.98				3.20	30.00	Pass
VHT80	MCS0	4	58	5290	17.73	17.63	17.84	17.77	23.76					23.98				3.20	30.00	Pass
VHT160	MCS0	4	50	5250	16.05	15.98	15.92	15.60	21.91					23.98				3.20	30.00	Pass

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

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO 4Tx Mode																					
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density with Duty Factor (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail			
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A				
11a	6Mbps	4	52	5260	-	-	-	-	10.37	-	-	-	-	10.79	-	-	-	-	6.21	-	Pass
11a	6Mbps	4	60	5300	-	-	-	-	10.33	-	-	-	-	10.79	-	-	-	-	6.21	-	Pass
11a	6Mbps	4	64	5320	-	-	-	-	10.70	-	-	-	-	10.79	-	-	-	-	6.21	-	Pass

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

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO 4Tx Mode																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)				26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)			
					Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A
11a	6Mbps	4	100	5500	17.03	17.08	17.03	17.03	22.68	22.98	23.04	22.86	23.98			
11a	6Mbps	4	116	5580	17.08	17.08	17.03	17.03	22.74	22.62	22.98	22.74	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 D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A
11a	6Mbps	4	144	5720	13.59	13.59	13.59	13.59	16.58	16.28	16.46	16.28	23.12				3.30	3.30	3.30	3.30

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO 4Tx Mode																			
Mod.	Data Rate	N _{tx}	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)				EIRP Power Limit (dBm)	Pass/Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
11a	6Mbps	4	100	5500	17.01	17.10	16.87	16.84	22.98	23.98				3.20				30.00	Pass
11a	6Mbps	4	116	5580	16.94	17.24	16.88	16.9	23.01	23.98				3.20				30.00	Pass
11a	6Mbps	4	140	5700	17.10	17.24	17.24	17.21	23.22	23.98				3.20				30.00	Pass
HT20	MCS0	4	100	5500	17.41	17.52	17.38	17.31	23.43	23.98				3.20				30.00	Pass
HT20	MCS0	4	116	5580	17.41	17.54	17.29	17.21	23.38	23.98				3.20				30.00	Pass
HT20	MCS0	4	140	5700	17.43	17.72	17.76	17.83	23.71	23.98				3.20				30.00	Pass
HT40	MCS0	4	102	5510	17.81	17.62	17.47	17.29	23.65	23.98				3.20				30.00	Pass
HT40	MCS0	4	110	5550	17.95	17.64	17.62	17.46	23.74	23.98				3.20				30.00	Pass
HT40	MCS0	4	134	5670	18.01	17.84	17.76	18.02	23.88	23.98				3.20				30.00	Pass
VHT20	MCS0	4	100	5500	17.33	17.41	17.33	17.19	23.34	23.98				3.20				30.00	Pass
VHT20	MCS0	4	116	5580	17.33	17.54	17.38	17.33	23.42	23.98				3.20				30.00	Pass
VHT20	MCS0	4	140	5700	17.56	17.77	17.68	17.76	23.71	23.98				3.20				30.00	Pass
VHT40	MCS0	4	102	5510	17.88	17.67	17.52	17.45	23.65	23.98				3.20				30.00	Pass
VHT40	MCS0	4	110	5550	17.98	17.69	17.75	17.45	23.74	23.98				3.20				30.00	Pass
VHT40	MCS0	4	134	5670	18.05	17.68	17.71	18	23.88	23.98				3.20				30.00	Pass
VHT80	MCS0	4	106	5530	17.52	17.50	17.47	17.14	23.43	23.98				3.20				30.00	Pass
VHT80	MCS0	4	122	5610	17.55	17.62	17.58	17.38	23.55	23.98				3.20				30.00	Pass
VHT160	MCS0	4	114	5570	16.29	16.16	16.1	15.9	22.14	23.98				3.20				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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
11a	6Mbps	4	144	5720	16.65	17.01	16.72	16.82	22.82	23.12				3.20				30.00	Pass
HT20	MCS0	4	144	5720	16.75	16.82	16.6	16.70	22.74	23.98				3.20				30.00	Pass
HT40	MCS0	4	142	5710	17.54	17.62	17.81	17.63	23.67	23.98				3.20				30.00	Pass
VHT20	MCS0	4	144	5720	16.64	16.86	16.59	16.81	22.75	23.98				3.20				30.00	Pass
VHT40	MCS0	4	142	5710	17.59	17.67	17.71	17.66	23.68	23.98				3.20				30.00	Pass
VHT80	MCS0	4	138	5690	17.63	17.64	17.62	17.66	23.66	23.98				3.20				30.00	Pass

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

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO 4Tx Mode																			
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density with Duty Factor (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail	
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
11a	6Mbps	4	100	5500	-	-	-	-	10.70	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
11a	6Mbps	4	116	5580	-	-	-	-	10.62	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
11a	6Mbps	4	140	5700	-	-	-	-	10.70	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
11a	6Mbps	4	144	5720	-	-	-	-	10.34	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO 4Tx Mode																			
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)				Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
HE20	MCS0	4	36	5180	Full	20.45	20.87	20.34	20.10	26.47	30.00				3.60				Pass
HE20	MCS0	4	44	5220	Full	22.31	22.56	22.38	22.09	28.36	30.00				3.60				Pass
HE20	MCS0	4	48	5240	Full	22.20	22.24	22.2	21.90	28.16	30.00				3.60				Pass
HE40	MCS0	4	38	5190	Full	18.48	18.42	18.03	17.81	24.21	30.00				3.60				Pass
HE40	MCS0	4	46	5230	Full	22.01	22.31	22.24	21.76	28.11	30.00				3.60				Pass
HE80	MCS0	4	42	5210	Full	18.06	17.92	17.64	17.52	23.81	30.00				3.60				Pass
HE160	MCS0	4	50	5250	Full	16.25	16.04	16.02	15.67	22.02	30.00				3.60				Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO 4Tx Mode																			
Mod.	Data Rate	Nrx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)			EIRP Power Limit (dBm)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C		
HE20	MCS0	4	52	5260	Full	16.97	16.87	16.76	16.74	22.86	23.98				3.20			30.00	Pass
HE20	MCS0	4	60	5300	Full	16.69	17.00	16.69	16.98	22.86	23.98				3.20			30.00	Pass
HE20	MCS0	4	64	5320	Full	16.56	17.00	16.67	16.86	22.80	23.98				3.20			30.00	Pass
HE40	MCS0	4	54	5270	Full	17.75	17.47	17.55	17.60	23.61	23.98				3.20			30.00	Pass
HE40	MCS0	4	62	5310	Full	17.44	17.51	17.60	17.77	23.60	23.98				3.20			30.00	Pass
HE80	MCS0	4	58	5290	Full	17.80	17.65	17.75	17.78	23.77	23.98				3.20			30.00	Pass
HE160	MCS0	4	50	5250	Full	16.25	16.04	16.02	15.67	22.02	23.98				3.20			30.00	Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO 4Tx Mode																				
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)				EIRP Power Limit (dBm)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
HE20	MCS0	4	100	5500	Full	17.38	17.57	17.45	17.30	23.45	23.98				3.20				30.00	Pass
HE20	MCS0	4	116	5580	Full	17.40	17.75	17.32	17.41	23.49	23.98				3.20				30.00	Pass
HE20	MCS0	4	140	5700	Full	17.49	17.74	17.77	17.86	23.74	23.98				3.20				30.00	Pass
HE40	MCS0	4	102	5510	Full	17.73	17.64	17.55	17.53	23.63	23.98				3.20				30.00	Pass
HE40	MCS0	4	110	5550	Full	17.97	17.66	17.76	17.44	23.73	23.98				3.20				30.00	Pass
HE40	MCS0	4	134	5670	Full	18.04	17.64	17.71	18.04	23.88	23.98				3.20				30.00	Pass
HE80	MCS0	4	106	5530	Full	17.66	17.50	17.5	17.26	23.50	23.98				3.20				30.00	Pass
HE80	MCS0	4	122	5610	Full	17.52	17.68	17.6	17.44	23.58	23.98				3.20				30.00	Pass
HE160	MCS0	4	114	5570	Full	16.40	16.37	16.3	16.05	22.30	23.98				3.20				30.00	Pass

FCC U-NII-2C straddle channel 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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
HE20	MCS0	4	144	5720	Full	16.78	17.01	16.73	16.91	22.88	23.98				3.20				30.00	Pass
HE40	MCS0	4	142	5710	Full	17.52	17.63	17.73	17.66	23.66	23.98				3.20				30.00	Pass
HE80	MCS0	4	138	5690	Full	17.58	17.55	17.64	17.81	23.67	23.98				3.20				30.00	Pass

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

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO 4Tx Mode														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				Note
						Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
EHT20	MCS0	4	36	5180	Full	19.23	19.23	19.23	19.23	23.16	23.58	23.64	23.40	-
EHT20	MCS0	4	44	5220	Full	19.23	19.23	19.23	19.23	23.28	23.46	23.82	23.82	
EHT20	MCS0	4	48	5240	Full	19.23	19.28	19.23	19.23	23.34	23.22	23.88	23.76	
EHT40	MCS0	4	38	5190	Full	38.56	38.46	38.56	38.66	46.80	46.20	45.96	44.76	
EHT40	MCS0	4	46	5230	Full	38.46	38.56	38.46	38.56	46.68	46.56	45.96	46.68	
EHT80	MCS0	4	42	5210	Full	77.92	77.80	77.92	77.92	90.48	89.52	89.04	89.52	
EHT160	MCS0	4	50	5250	Full	157.76	157.52	157.76	157.76	177.12	173.28	175.20	172.32	

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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
EHT20	MCS0	4	36	5180	Full	20.47	20.91	20.34	20.17	26.50	30.00				3.60				Pass
EHT20	MCS0	4	44	5220	Full	22.39	22.72	22.49	22.24	28.48	30.00				3.60				Pass
EHT20	MCS0	4	48	5240	Full	22.25	22.41	22.19	22.10	28.26	30.00				3.60				Pass
EHT40	MCS0	4	38	5190	Full	18.42	18.35	18.04	17.96	24.22	30.00				3.60				Pass
EHT40	MCS0	4	46	5230	Full	21.90	22.46	22.28	21.71	28.12	30.00				3.60				Pass
EHT80	MCS0	4	42	5210	Full	18.15	18.01	17.6	17.53	23.85	30.00				3.60				Pass
EHT160	MCS0	4	50	5250	Full	16.30	16.20	16.03	15.85	22.12	30.00				3.60				Pass

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

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO 4Tx Mode																					
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density with Duty Factor (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail		
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A			
EHT20	MCS0	4	36	5180	Full	-	-	-	-	13.90	-	-	-	-	16.39	-	-	-	6.61	-	Pass
EHT20	MCS0	4	44	5220	Full	-	-	-	-	15.93	-	-	-	-	16.39	-	-	-	6.61	-	Pass
EHT20	MCS0	4	48	5240	Full	-	-	-	-	15.62	-	-	-	-	16.39	-	-	-	6.61	-	Pass
EHT40	MCS0	4	38	5190	Full	-	-	-	-	8.73	-	-	-	-	16.39	-	-	-	6.61	-	Pass
EHT40	MCS0	4	46	5230	Full	-	-	-	-	12.32	-	-	-	-	16.39	-	-	-	6.61	-	Pass
EHT80	MCS0	4	42	5210	Full	-	-	-	-	5.46	-	-	-	-	16.39	-	-	-	6.61	-	Pass
EHT160	MCS0	4	50	5250	Full	-	-	-	-	0.68	-	-	-	-	16.39	-	-	-	6.61	-	Pass

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

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO 4Tx Mode																		
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				Note
						Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
EHT20	MCS0	4	52	5260	Full	19.18	19.28	19.23	19.23	23.70	23.34	23.88	23.64	23.98				-
EHT20	MCS0	4	60	5300	Full	19.23	19.23	19.23	19.28	23.04	23.34	23.64	23.76	23.98				
EHT20	MCS0	4	64	5320	Full	19.23	19.23	19.18	19.23	23.64	23.52	24.18	23.88	23.98				
EHT40	MCS0	4	54	5270	Full	38.46	38.56	38.56	38.56	46.44	46.08	45.72	46.32	23.98				
EHT40	MCS0	4	62	5310	Full	38.66	38.56	38.46	38.46	46.32	45.60	46.08	46.20	23.98				
EHT80	MCS0	4	58	5290	Full	78.04	77.92	77.92	77.92	90.72	89.76	91.44	89.76	23.98				

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO 4Tx Mode																			
Mod.	Data Rate	Nrx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)			EIRP Power Limit (dBm)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C		
EHT20	MCS0	4	52	5260	Full	17.11	17.03	16.89	16.88	23.00	23.98				3.20			30.00	Pass
EHT20	MCS0	4	60	5300	Full	16.71	17.02	16.69	17.00	22.88	23.98				3.20			30.00	Pass
EHT20	MCS0	4	64	5320	Full	16.77	17.12	16.82	16.99	22.95	23.98				3.20			30.00	Pass
EHT40	MCS0	4	54	5270	Full	17.50	17.56	17.74	17.62	23.63	23.98				3.20			30.00	Pass
EHT40	MCS0	4	62	5310	Full	17.33	17.66	17.76	17.61	23.61	23.98				3.20			30.00	Pass
EHT80	MCS0	4	58	5290	Full	17.77	17.64	17.82	17.83	23.79	23.98				3.20			30.00	Pass

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

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO 4Tx Mode																			
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config.	Average Power Density with Duty Factor (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
EHT20	MCS0	4	52	5260	Full	-	-	-	-	10.35	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	Pass
EHT20	MCS0	4	60	5300	Full	-	-	-	-	10.28	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	Pass
EHT20	MCS0	4	64	5320	Full	-	-	-	-	10.35	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	Pass
EHT40	MCS0	4	54	5270	Full	-	-	-	-	7.90	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	Pass
EHT40	MCS0	4	62	5310	Full	-	-	-	-	8.05	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	Pass
EHT80	MCS0	4	58	5290	Full	-	-	-	-	5.03	10.79	10.79	10.79	10.79	6.21	6.21	6.21	6.21	Pass

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

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO 4Tx Mode																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)				26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)			
						Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A
EHT20	MCS0	4	100	5500	Full	19.18	19.18	19.18	19.23	23.28	23.04	24.18	24.06	23.98			
EHT20	MCS0	4	116	5580	Full	19.18	19.23	19.23	19.18	23.16	23.10	23.76	23.94	23.98			
EHT20	MCS0	4	140	5700	Full	19.23	19.18	19.18	19.23	23.16	23.58	23.64	23.88	23.98			
EHT40	MCS0	4	102	5510	Full	38.56	38.56	38.56	38.46	46.08	45.60	45.24	45.24	23.98			
EHT40	MCS0	4	110	5550	Full	38.46	38.56	38.46	38.56	46.92	45.60	45.72	45.60	23.98			
EHT40	MCS0	4	134	5670	Full	38.56	38.56	38.56	38.56	45.96	45.84	45.24	45.12	23.98			
EHT80	MCS0	4	106	5530	Full	77.92	77.80	77.80	77.92	89.04	89.28	90.24	90.24	23.98			
EHT80	MCS0	4	122	5610	Full	77.92	77.80	78.04	77.80	89.76	90.48	90.48	90.24	23.98			
EHT160	MCS0	4	114	5570	Full	157.52	158.00	157.52	157.52	174.72	170.40	172.80	172.32	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 D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A
EHT20	MCS0	4	144	5720	Full	14.59	14.54	14.54	14.54	16.94	16.40	16.64	16.70	23.15				4.6	4.65	4.6	4.65
EHT40	MCS0	4	142	5710	Full	34.28	34.28	34.28	34.28	37.80	37.80	37.68	37.92	23.98				4.22	4.22	4.17	4.17
EHT80	MCS0	4	138	5690	Full	73.84	73.84	73.96	73.84	81.80	81.32	80.60	79.16	23.98				4.36	4.36	4.36	4.36

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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
EHT20	MCS0	4	100	5500	Full	17.66	17.57	17.48	17.39	23.55	23.98				3.20				30.00	Pass
EHT20	MCS0	4	116	5580	Full	17.52	17.71	17.38	17.39	23.52	23.98				3.20				30.00	Pass
EHT20	MCS0	4	140	5700	Full	17.64	17.82	17.63	17.82	23.75	23.98				3.20				30.00	Pass
EHT40	MCS0	4	102	5510	Full	17.72	17.74	17.68	17.43	23.66	23.98				3.20				30.00	Pass
EHT40	MCS0	4	110	5550	Full	17.88	17.78	17.79	17.44	23.75	23.98				3.20				30.00	Pass
EHT40	MCS0	4	134	5670	Full	17.89	17.86	17.86	17.87	23.89	23.98				3.20				30.00	Pass
EHT80	MCS0	4	106	5530	Full	17.73	17.53	17.41	17.30	23.52	23.98				3.20				30.00	Pass
EHT80	MCS0	4	122	5610	Full	17.67	17.69	17.61	17.51	23.64	23.98				3.20				30.00	Pass
EHT160	MCS0	4	114	5570	Full	16.43	16.39	16.33	16.20	22.36	23.98				3.20				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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
EHT20	MCS0	4	144	5720	Full	16.74	17.05	16.79	16.91	22.89	23.15				3.20				30.00	Pass
EHT40	MCS0	4	142	5710	Full	17.50	17.68	17.80	17.69	23.69	23.98				3.20				30.00	Pass
EHT80	MCS0	4	138	5690	Full	17.69	17.71	17.66	17.77	23.73	23.98				3.20				30.00	Pass

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

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO 4Tx Mode																			
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density with Duty Factor (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
EHT20	MCS0	4	100	5500	Full	-	-	-	-	10.77	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT20	MCS0	4	116	5580	Full	-	-	-	-	10.52	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT20	MCS0	4	140	5700	Full	-	-	-	-	10.47	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT40	MCS0	4	102	5510	Full	-	-	-	-	7.83	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT40	MCS0	4	110	5550	Full	-	-	-	-	8.39	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT40	MCS0	4	134	5670	Full	-	-	-	-	7.94	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT80	MCS0	4	106	5530	Full	-	-	-	-	4.90	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT80	MCS0	4	122	5610	Full	-	-	-	-	4.74	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT160	MCS0	4	114	5570	Full	-	-	-	-	0.90	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass

U-NII-2C straddle channel MIMO 4Tx Mode																			
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)					Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
EHT20	MCS0	4	144	5720	Full	-	-	-	-	9.87	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT40	MCS0	4	142	5710	Full	-	-	-	-	7.71	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass
EHT80	MCS0	4	138	5690	Full	-	-	-	-	4.93	10.79	10.79	10.79	6.21	6.21	6.21	6.21	-	Pass

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

TEST RESULTS DATA
6dB and 99% OBW

Band IV MIMO 4Tx Mode Ant D + B + C + A																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26dB Bandwidth (MHz)				6 dB Bandwidth (MHz)				99% Bandwidth (MHz)				6 dB Min. Limit (MHz)	Pass /Fail
					Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
11a	6Mbps	4	149	5745	22.98	22.68	23.04	22.50	16.55	16.5	16.40	16.5	17.083	17.03	17.133	17.033	0.5	Pass
11a	6Mbps	4	157	5785	22.80	22.68	22.68	22.74	16.45	16.45	16.45	16.45	17.033	17.03	17.033	17.083	0.5	Pass
11a	6Mbps	4	165	5825	23.34	23.34	23.28	23.40	16.45	16.45	16.45	16.45	17.083	17.13	17.133	17.183	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant D + B + C + A												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D + B + C + A	Ant D + B + C + A	
11a	6Mbps	4	149	5745	22.71	22.87	22.47	22.54	28.67	30.00	3.20	Pass
11a	6Mbps	4	157	5785	22.41	22.62	22.21	22.24	28.39	30.00	3.20	Pass
11a	6Mbps	4	165	5825	21.92	21.93	21.46	21.62	27.76	30.00	3.20	Pass
HT20	MCS0	4	149	5745	22.69	22.85	22.55	22.54	28.68	30.00	3.20	Pass
HT20	MCS0	4	157	5785	22.41	22.77	22.25	22.31	28.46	30.00	3.20	Pass
HT20	MCS0	4	165	5825	22.04	22.25	21.75	21.82	27.99	30.00	3.20	Pass
HT40	MCS0	4	151	5755	22.50	22.49	22.55	22.42	28.51	30.00	3.20	Pass
HT40	MCS0	4	159	5795	22.29	22.51	22.21	22.16	28.32	30.00	3.20	Pass
VHT20	MCS0	4	149	5745	22.62	22.79	22.4	22.52	28.61	30.00	3.20	Pass
VHT20	MCS0	4	157	5785	22.38	22.65	22.14	22.26	28.38	30.00	3.20	Pass
VHT20	MCS0	4	165	5825	22.02	22.14	21.65	21.64	27.89	30.00	3.20	Pass
VHT40	MCS0	4	151	5755	22.61	22.51	22.56	22.27	28.51	30.00	3.20	Pass
VHT40	MCS0	4	159	5795	22.38	22.57	22.18	22.03	28.32	30.00	3.20	Pass
VHT80	MCS0	4	155	5775	21.54	21.57	21.45	21.16	27.45	30.00	3.20	Pass

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

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO 4Tx Mode Ant D + B + C + A																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)				Average Power Density with Duty Factor (dBm/500kHz)					Average PSD Limit (dBm/500kHz)	DG (dBi)	Pass /Fail
					Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	SUM	Ant D + B + C + A	Ant D + B + C + A	
11a	6Mbps	4	149	5745	0.27	0.29	0.31	0.29	7.41	7.56	7.10	7.07	13.58	29.79	6.21	Pass
11a	6Mbps	4	157	5785	0.27	0.29	0.31	0.29	7.26	7.44	6.85	6.97	13.46	29.79	6.21	Pass
11a	6Mbps	4	165	5825	0.27	0.29	0.31	0.29	6.92	7.22	6.67	6.64	13.24	29.79	6.21	Pass

Note: PSD Sum = Max PSD(Ant. D, Ant. B, Ant. C, Ant. A) + 10 log (4)

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

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant D + B + C + A													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D + B + C + A	Ant D + B + C + A	
HE20	MCS0	4	149	5745	Full	22.75	22.84	22.58	22.66	28.73	30.00	3.20	Pass
HE20	MCS0	4	157	5785	Full	22.54	22.75	22.21	22.30	28.48	30.00	3.20	Pass
HE20	MCS0	4	165	5825	Full	21.87	22.21	21.62	21.65	27.86	30.00	3.20	Pass
HE40	MCS0	4	151	5755	Full	22.54	22.57	22.50	22.31	28.50	30.00	3.20	Pass
HE40	MCS0	4	159	5795	Full	22.38	22.51	22.18	22.04	28.30	30.00	3.20	Pass
HE80	MCS0	4	155	5775	Full	21.54	21.54	21.43	21.22	27.46	30.00	3.20	Pass

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

TEST RESULTS DATA
6dB and 99% OBW

Band IV MIMO 4Tx Mode Ant D + B + C + A																			
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	26dB Bandwidth (MHz)				6 dB Bandwidth (MHz)				99% Bandwidth (MHz)				6 dB Min. Limit (MHz)	Pass /Fail
						Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
EHT20	MCS0	4	149	5745	Full	23.10	23.22	23.88	23.82	19.25	19.20	19.20	19.20	19.23	19.18	19.18	19.23	0.5	Pass
EHT20	MCS0	4	157	5785	Full	23.58	23.46	23.58	24.78	19.15	19.25	19.20	19.20	19.18	19.23	19.18	19.28	0.5	Pass
EHT20	MCS0	4	165	5825	Full	23.82	23.04	23.64	24.78	19.10	19.15	19.15	19.10	19.18	19.23	19.13	19.23	0.5	Pass
EHT40	MCS0	4	151	5755	Full	46.80	46.68	46.20	45.96	38.43	38.37	38.34	38.34	38.56	39.56	38.66	38.56	0.5	Pass
EHT40	MCS0	4	159	5795	Full	45.96	46.20	45.84	45.24	38.43	38.40	38.34	38.34	38.56	38.46	38.46	38.66	0.5	Pass
EHT80	MCS0	4	155	5775	Full	89.52	89.52	89.76	90.24	78.40	78.40	78.40	78.40	77.92	77.92	77.92	77.80	0.5	Pass

TEST RESULTS DATA
Average Power Table

Band IV MIMO 4Tx Mode Ant D + B + C + A													
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D + B + C + A	Ant D + B + C + A	
EHT20	MCS0	4	149	5745	Full	22.72	22.93	22.57	22.67	28.75	30.00	3.20	Pass
EHT20	MCS0	4	157	5785	Full	22.54	22.85	22.38	22.45	28.58	30.00	3.20	Pass
EHT20	MCS0	4	165	5825	Full	21.94	22.30	21.77	21.89	28.00	30.00	3.20	Pass
EHT40	MCS0	4	151	5755	Full	22.53	22.60	22.50	22.40	28.53	30.00	3.20	Pass
EHT40	MCS0	4	159	5795	Full	22.28	22.56	22.14	22.23	28.33	30.00	3.20	Pass
EHT80	MCS0	4	155	5775	Full	21.53	21.55	21.44	21.26	27.47	30.00	3.20	Pass

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

TEST RESULTS DATA
Power Spectral Density

Band IV MIMO 4Tx Mode Ant D + B + C + A																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)				Average Power Density with Duty Factor (dBm/500kHz)					Average PSD Limit (dBm/500kHz)	DG (dBi)	Pass /Fail
						Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	SUM	Ant D + B + C + A	Ant D + B + C + A	
EHT20	MCS0	4	149	5745	Full	0.95	0.94	0.94	0.96	6.98	7.23	6.59	6.77	13.25	29.79	6.21	Pass
EHT20	MCS0	4	157	5785	Full	0.95	0.94	0.94	0.96	6.74	7.07	6.27	6.36	13.09	29.79	6.21	Pass
EHT20	MCS0	4	165	5825	Full	0.95	0.94	0.94	0.96	6.70	6.99	6.26	6.58	13.01	29.79	6.21	Pass
EHT40	MCS0	4	151	5755	Full	0.94	0.95	0.97	0.94	3.93	3.77	3.64	3.30	9.95	29.79	6.21	Pass
EHT40	MCS0	4	159	5795	Full	0.94	0.95	0.97	0.94	3.72	3.83	3.25	3.47	9.85	29.79	6.21	Pass
EHT80	MCS0	4	155	5775	Full	0.95	0.96	0.95	0.94	0.32	0.19	-0.34	-0.49	6.34	29.79	6.21	Pass

Note: PSD Sum = Max PSD(Ant. D, Ant. B, Ant. C, Ant. A) + 10 log (4)

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

<TXBF>

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 Beamforming Mode MIMO 4Tx Mode																	
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)			DG (dBi)				Pass/Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	
11a	6Mbps	4	36	5180	20.83	21.35	20.88	20.59	26.94	29.39			6.61				Pass
11a	6Mbps	4	44	5220	22.39	22.63	22.10	21.69	28.24	29.39			6.61				Pass
11a	6Mbps	4	48	5240	22.25	22.21	21.88	21.58	28.01	29.39			6.61				Pass
HT20	MCS0	4	36	5180	20.27	20.71	20.27	20.02	26.35	29.39			6.61				Pass
HT20	MCS0	4	44	5220	22.21	22.57	22.36	22.08	28.33	29.39			6.61				Pass
HT20	MCS0	4	48	5240	22.02	22.18	22.16	21.89	28.08	29.39			6.61				Pass
HT40	MCS0	4	38	5190	18.30	18.25	17.96	17.75	24.21	29.39			6.61				Pass
HT40	MCS0	4	46	5230	21.62	21.99	21.68	21.30	27.84	29.39			6.61				Pass
VHT20	MCS0	4	36	5180	20.29	20.67	20.12	19.85	26.26	29.39			6.61				Pass
VHT20	MCS0	4	44	5220	22.27	22.50	22.19	21.81	28.22	29.39			6.61				Pass
VHT20	MCS0	4	48	5240	22.11	22.13	21.87	21.64	27.96	29.39			6.61				Pass
VHT40	MCS0	4	38	5190	18.42	18.34	18.11	17.87	24.21	29.39			6.61				Pass
VHT40	MCS0	4	46	5230	22.04	22.32	22.27	21.72	28.11	29.39			6.61				Pass
VHT80	MCS0	4	42	5210	18.06	17.97	17.72	17.42	23.82	29.39			6.61				Pass
VHT160	MCS0	4	50	5250	16.05	15.98	15.92	15.60	21.91	29.39			6.61				Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 Beamforming Mode 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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
HE20	MCS0	4	36	5180	Full	20.45	20.87	20.34	20.10	26.47					29.39			6.61	Pass
HE20	MCS0	4	44	5220	Full	22.31	22.56	22.38	22.09	28.36					29.39			6.61	Pass
HE20	MCS0	4	48	5240	Full	22.20	22.24	22.2	21.90	28.16					29.39			6.61	Pass
HE40	MCS0	4	38	5190	Full	18.48	18.42	18.03	17.81	24.21					29.39			6.61	Pass
HE40	MCS0	4	46	5230	Full	22.01	22.31	22.24	21.76	28.11					29.39			6.61	Pass
HE80	MCS0	4	42	5210	Full	18.06	17.92	17.64	17.52	23.81					29.39			6.61	Pass
HE160	MCS0	4	50	5250	Full	16.25	16.04	16.02	15.67	22.02					29.39			6.61	Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 Beamforming Mode 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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A	
EHT20	MCS0	4	36	5180	Full	20.47	20.91	20.34	20.17	26.50	29.39				6.61				Pass
EHT20	MCS0	4	44	5220	Full	22.39	22.72	22.49	22.24	28.48	29.39				6.61				Pass
EHT20	MCS0	4	48	5240	Full	22.25	22.41	22.19	22.10	28.26	29.39				6.61				Pass
EHT40	MCS0	4	38	5190	Full	18.42	18.35	18.04	17.96	24.22	29.39				6.61				Pass
EHT40	MCS0	4	46	5230	Full	21.90	22.46	22.28	21.71	28.12	29.39				6.61				Pass
EHT80	MCS0	4	42	5210	Full	18.15	18.01	17.6	17.53	23.85	29.39				6.61				Pass
EHT160	MCS0	4	50	5250	Full	16.30	16.20	16.03	15.85	22.12	29.39				6.61				Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A Beamforming Mode MIMO 4Tx Mode																			
Mod.	Data Rate	Nrx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)				EIRP Power Limit (dBm)	Pass/Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
11a	6Mbps	4	52	5260	16.46	16.45	16.04	16.00	22.26	23.77				6.21				30.00	Pass
11a	6Mbps	4	60	5300	16.17	16.46	15.92	16.31	22.24	23.77				6.21				30.00	Pass
11a	6Mbps	4	64	5320	16.65	16.92	16.77	16.88	22.83	23.77				6.21				30.00	Pass
HT20	MCS0	4	52	5260	16.87	16.82	16.74	16.74	22.81	23.77				6.21				30.00	Pass
HT20	MCS0	4	60	5300	16.51	16.97	16.62	16.95	22.79	23.77				6.21				30.00	Pass
HT20	MCS0	4	64	5320	16.54	16.92	16.61	16.77	22.73	23.77				6.21				30.00	Pass
HT40	MCS0	4	54	5270	17.75	17.47	17.67	17.68	23.61	23.77				6.21				30.00	Pass
HT40	MCS0	4	62	5310	17.37	17.62	17.65	17.83	23.59	23.77				6.21				30.00	Pass
VHT20	MCS0	4	52	5260	16.95	16.80	16.72	16.60	22.79	23.77				6.21				30.00	Pass
VHT20	MCS0	4	60	5300	16.68	16.97	16.54	16.78	22.77	23.77				6.21				30.00	Pass
VHT20	MCS0	4	64	5320	16.60	16.82	16.63	16.78	22.73	23.77				6.21				30.00	Pass
VHT40	MCS0	4	54	5270	17.80	17.47	17.53	17.60	23.62	23.77				6.21				30.00	Pass
VHT40	MCS0	4	62	5310	17.58	17.52	17.57	17.66	23.60	23.77				6.21				30.00	Pass
VHT80	MCS0	4	58	5290	17.29	17.18	17.39	17.31	23.31	23.77				6.21				30.00	Pass
VHT160	MCS0	4	50	5250	16.05	15.98	15.92	15.60	21.91	23.77				6.21				30.00	Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A Beamforming Mode MIMO 4Tx Mode																			
Mod.	Data Rate	Nrx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)			EIRP Power Limit (dBm)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C		
HE20	MCS0	4	52	5260	Full	16.97	16.87	16.76	16.74	22.86	23.77				6.21			30.00	Pass
HE20	MCS0	4	60	5300	Full	16.69	17.00	16.69	16.98	22.86	23.77				6.21			30.00	Pass
HE20	MCS0	4	64	5320	Full	16.56	17.00	16.67	16.86	22.80	23.77				6.21			30.00	Pass
HE40	MCS0	4	54	5270	Full	17.75	17.47	17.55	17.60	23.61	23.77				6.21			30.00	Pass
HE40	MCS0	4	62	5310	Full	17.44	17.51	17.60	17.77	23.60	23.77				6.21			30.00	Pass
HE80	MCS0	4	58	5290	Full	17.39	17.18	17.31	17.36	23.33	23.77				6.21			30.00	Pass
HE160	MCS0	4	50	5250	Full	16.25	16.04	16.02	15.67	22.02	23.77				6.21			30.00	Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A Beamforming Mode MIMO 4Tx Mode																				
Mod.	Data Rate	Nrx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)				EIRP Power Limit (dBm)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
EHT20	MCS0	4	52	5260	Full	17.11	17.03	16.89	16.88	23.00	23.77				6.21				30.00	Pass
EHT20	MCS0	4	60	5300	Full	16.71	17.02	16.69	17.00	22.88	23.77				6.21				30.00	Pass
EHT20	MCS0	4	64	5320	Full	16.77	17.12	16.82	16.99	22.95	23.77				6.21				30.00	Pass
EHT40	MCS0	4	54	5270	Full	17.50	17.56	17.74	17.62	23.63	23.77				6.21				30.00	Pass
EHT40	MCS0	4	62	5310	Full	17.33	17.66	17.76	17.61	23.61	23.77				6.21				30.00	Pass
EHT80	MCS0	4	58	5290	Full	17.34	17.21	17.41	17.42	23.37	23.77				6.21				30.00	Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C Beamforming Mode MIMO 4Tx Mode																		
Mod.	Data Rate	Nrx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)			EIRP Power Limit (dBm)	Pass/Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C		
11a	6Mbps	4	100	5500	17.01	17.10	16.87	16.84	22.98	23.77				6.21			30.00	Pass
11a	6Mbps	4	116	5580	16.94	17.24	16.88	16.9	23.01	23.77				6.21			30.00	Pass
11a	6Mbps	4	140	5700	17.10	17.24	17.24	17.21	23.22	23.77				6.21			30.00	Pass
HT20	MCS0	4	100	5500	17.41	17.52	17.38	17.31	23.43	23.77				6.21			30.00	Pass
HT20	MCS0	4	116	5580	17.41	17.54	17.29	17.21	23.38	23.77				6.21			30.00	Pass
HT20	MCS0	4	140	5700	17.43	17.72	17.76	17.83	23.71	23.77				6.21			30.00	Pass
HT40	MCS0	4	102	5510	17.81	17.62	17.47	17.29	23.65	23.77				6.21			30.00	Pass
HT40	MCS0	4	110	5550	17.95	17.64	17.62	17.46	23.74	23.77				6.21			30.00	Pass
HT40	MCS0	4	134	5670	17.55	17.38	17.3	17.47	23.42	23.77				6.21			30.00	Pass
VHT20	MCS0	4	100	5500	17.33	17.41	17.33	17.19	23.34	23.77				6.21			30.00	Pass
VHT20	MCS0	4	116	5580	17.33	17.54	17.38	17.33	23.42	23.77				6.21			30.00	Pass
VHT20	MCS0	4	140	5700	17.56	17.77	17.68	17.76	23.71	23.77				6.21			30.00	Pass
VHT40	MCS0	4	102	5510	17.88	17.67	17.52	17.45	23.65	23.77				6.21			30.00	Pass
VHT40	MCS0	4	110	5550	17.98	17.69	17.75	17.45	23.74	23.77				6.21			30.00	Pass
VHT40	MCS0	4	134	5670	17.59	17.22	17.25	17.54	23.42	23.77				6.21			30.00	Pass
VHT80	MCS0	4	106	5530	17.52	17.50	17.47	17.14	23.43	23.77				6.21			30.00	Pass
VHT80	MCS0	4	122	5610	17.55	17.62	17.58	17.38	23.55	23.77				6.21			30.00	Pass
VHT160	MCS0	4	114	5570	16.29	16.16	16.1	15.9	22.14	23.77				6.21			30.00	Pass

FCC U-NII-2C Straddle Channel Beamforming Mode MIMO 4Tx Mode																		
Mod.	Data Rate	Nrx	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)				DG (dBi)			EIRP Power Limit (dBm)	Pass/Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C		
11a	6Mbps	4	144	5720	16.65	17.01	16.72	16.82	22.82	22.91				6.21			30.00	Pass
HT20	MCS0	4	144	5720	16.75	16.82	16.6	16.70	22.74	23.77				6.21			30.00	Pass
HT40	MCS0	4	142	5710	17.54	17.62	17.81	17.63	23.67	23.77				6.21			30.00	Pass
VHT20	MCS0	4	144	5720	16.64	16.86	16.59	16.81	22.75	23.77				6.21			30.00	Pass
VHT40	MCS0	4	142	5710	17.59	17.67	17.71	17.66	23.68	23.77				6.21			30.00	Pass
VHT80	MCS0	4	138	5690	17.63	17.64	17.62	17.66	23.66	23.77				6.21			30.00	Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C Beamforming Mode 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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
HE20	MCS0	4	100	5500	Full	17.38	17.57	17.45	17.30	23.45	23.77				6.21				30.00	Pass
HE20	MCS0	4	116	5580	Full	17.40	17.75	17.32	17.41	23.49	23.77				6.21				30.00	Pass
HE20	MCS0	4	140	5700	Full	17.49	17.74	17.77	17.86	23.74	23.77				6.21				30.00	Pass
HE40	MCS0	4	102	5510	Full	17.73	17.64	17.55	17.53	23.63	23.77				6.21				30.00	Pass
HE40	MCS0	4	110	5550	Full	17.97	17.66	17.76	17.44	23.73	23.77				6.21				30.00	Pass
HE40	MCS0	4	134	5670	Full	17.58	17.18	17.25	17.58	23.42	23.77				6.21				30.00	Pass
HE80	MCS0	4	106	5530	Full	17.66	17.50	17.5	17.26	23.50	23.77				6.21				30.00	Pass
HE80	MCS0	4	122	5610	Full	17.52	17.68	17.6	17.44	23.58	23.77				6.21				30.00	Pass
HE160	MCS0	4	114	5570	Full	16.40	16.37	16.3	16.05	22.30	23.77				6.21				30.00	Pass

FCC U-NII-2C Straddle Channel Beamforming Mode 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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
HE20	MCS0	4	144	5720	Full	16.78	17.01	16.73	16.91	22.88	23.77				6.21				30.00	Pass
HE40	MCS0	4	142	5710	Full	17.52	17.63	17.73	17.66	23.66	23.77				6.21				30.00	Pass
HE80	MCS0	4	138	5690	Full	17.58	17.55	17.64	17.81	23.67	23.77				6.21				30.00	Pass

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

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C Beamforming Mode 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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
EHT20	MCS0	4	100	5500	Full	17.66	17.57	17.48	17.39	23.55	23.77				6.21				30.00	Pass
EHT20	MCS0	4	116	5580	Full	17.52	17.71	17.38	17.39	23.52	23.77				6.21				30.00	Pass
EHT20	MCS0	4	140	5700	Full	17.64	17.82	17.63	17.82	23.75	23.77				6.21				30.00	Pass
EHT40	MCS0	4	102	5510	Full	17.72	17.74	17.68	17.43	23.66	23.77				6.21				30.00	Pass
EHT40	MCS0	4	110	5550	Full	17.88	17.78	17.79	17.44	23.75	23.77				6.21				30.00	Pass
EHT40	MCS0	4	134	5670	Full	17.43	17.39	17.36	17.44	23.43	23.77				6.21				30.00	Pass
EHT80	MCS0	4	106	5530	Full	17.73	17.53	17.41	17.30	23.52	23.77				6.21				30.00	Pass
EHT80	MCS0	4	122	5610	Full	17.67	17.69	17.61	17.51	23.64	23.77				6.21				30.00	Pass
EHT160	MCS0	4	114	5570	Full	16.43	16.39	16.33	16.20	22.36	23.77				6.21				30.00	Pass

FCC U-NII-2C Straddle Channel Beamforming Mode 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 D	Ant B	Ant C	Ant A	SUM	Ant D	Ant B	Ant C	Ant A	Ant D	Ant B	Ant C	Ant A		
EHT20	MCS0	4	144	5720	Full	16.74	17.05	16.79	16.91	22.89	22.94				6.21				30.00	Pass
EHT40	MCS0	4	142	5710	Full	17.50	17.68	17.80	17.69	23.69	23.77				6.21				30.00	Pass
EHT80	MCS0	4	138	5690	Full	17.69	17.71	17.66	17.77	23.73	23.77				6.21				30.00	Pass

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

TEST RESULTS DATA
Average Power Table

Band IV Beamforming Mode MIMO 4Tx Mode Ant D + B + C + A												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
					Ant D	Ant B	Ant C	Ant A	SUM	Ant D + B + C + A	Ant D + B + C + A	
11a	6Mbps	4	149	5745	22.71	22.87	22.47	22.54	28.67	29.79	6.21	Pass
11a	6Mbps	4	157	5785	22.41	22.62	22.21	22.24	28.39	29.79	6.21	Pass
11a	6Mbps	4	165	5825	21.92	21.93	21.46	21.62	27.76	29.79	6.21	Pass
HT20	MCS0	4	149	5745	22.69	22.85	22.55	22.54	28.68	29.79	6.21	Pass
HT20	MCS0	4	157	5785	22.41	22.77	22.25	22.31	28.46	29.79	6.21	Pass
HT20	MCS0	4	165	5825	22.04	22.25	21.75	21.82	27.99	29.79	6.21	Pass
HT40	MCS0	4	151	5755	22.50	22.49	22.55	22.42	28.51	29.79	6.21	Pass
HT40	MCS0	4	159	5795	22.29	22.51	22.21	22.16	28.32	29.79	6.21	Pass
VHT20	MCS0	4	149	5745	22.62	22.79	22.4	22.52	28.61	29.79	6.21	Pass
VHT20	MCS0	4	157	5785	22.38	22.65	22.14	22.26	28.38	29.79	6.21	Pass
VHT20	MCS0	4	165	5825	22.02	22.14	21.65	21.64	27.89	29.79	6.21	Pass
VHT40	MCS0	4	151	5755	22.61	22.51	22.56	22.27	28.51	29.79	6.21	Pass
VHT40	MCS0	4	159	5795	22.38	22.57	22.18	22.03	28.32	29.79	6.21	Pass
VHT80	MCS0	4	155	5775	21.54	21.57	21.45	21.16	27.45	29.79	6.21	Pass

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

TEST RESULTS DATA
Average Power Table

Band IV Beamforming Mode MIMO 4Tx Mode Ant D + B + C + A													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D + B + C + A	Ant D + B + C + A	
HE20	MCS0	4	149	5745	Full	22.75	22.84	22.58	22.66	28.73	29.79	6.21	Pass
HE20	MCS0	4	157	5785	Full	22.54	22.75	22.21	22.30	28.48	29.79	6.21	Pass
HE20	MCS0	4	165	5825	Full	21.87	22.21	21.62	21.65	27.86	29.79	6.21	Pass
HE40	MCS0	4	151	5755	Full	22.54	22.57	22.50	22.31	28.50	29.79	6.21	Pass
HE40	MCS0	4	159	5795	Full	22.38	22.51	22.18	22.04	28.30	29.79	6.21	Pass
HE80	MCS0	4	155	5775	Full	21.54	21.54	21.43	21.22	27.46	29.79	6.21	Pass

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

TEST RESULTS DATA
Average Power Table

Band IV Beamforming Mode MIMO 4Tx Mode Ant D + B + C + A													
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
						Ant D	Ant B	Ant C	Ant A	SUM	Ant D + B + C + A	Ant D + B + C + A	
EHT20	MCS0	4	149	5745	Full	22.72	22.93	22.57	22.67	28.75	29.79	6.21	Pass
EHT20	MCS0	4	157	5785	Full	22.54	22.85	22.38	22.45	28.58	29.79	6.21	Pass
EHT20	MCS0	4	165	5825	Full	21.94	22.30	21.77	21.89	28.00	29.79	6.21	Pass
EHT40	MCS0	4	151	5755	Full	22.53	22.60	22.50	22.40	28.53	29.79	6.21	Pass
EHT40	MCS0	4	159	5795	Full	22.28	22.56	22.14	22.23	28.33	29.79	6.21	Pass
EHT80	MCS0	4	155	5775	Full	21.53	21.55	21.44	21.26	27.47	29.79	6.21	Pass

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



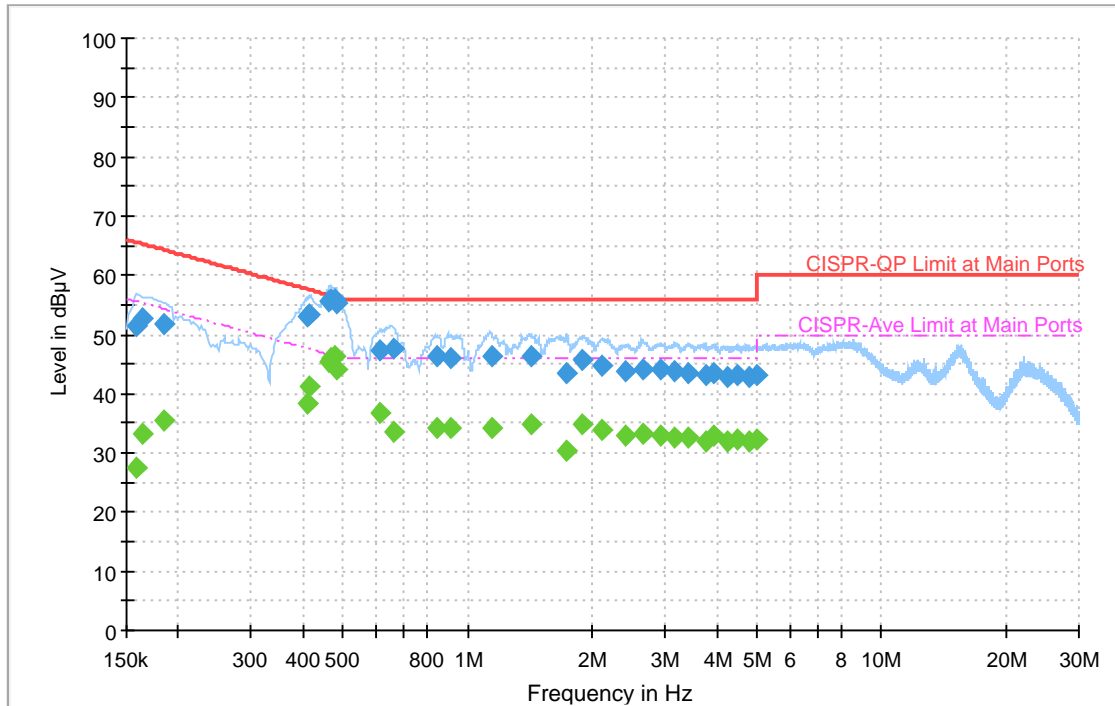
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Fu Chen	Temperature :	20.1~24.2°C
		Relative Humidity :	41.2~48.5%

EUT Information

Site: CO01-CA
 Power: 120Vac/60Hz
 Project: 230524001
 Line

Full Spectrum



Final Result

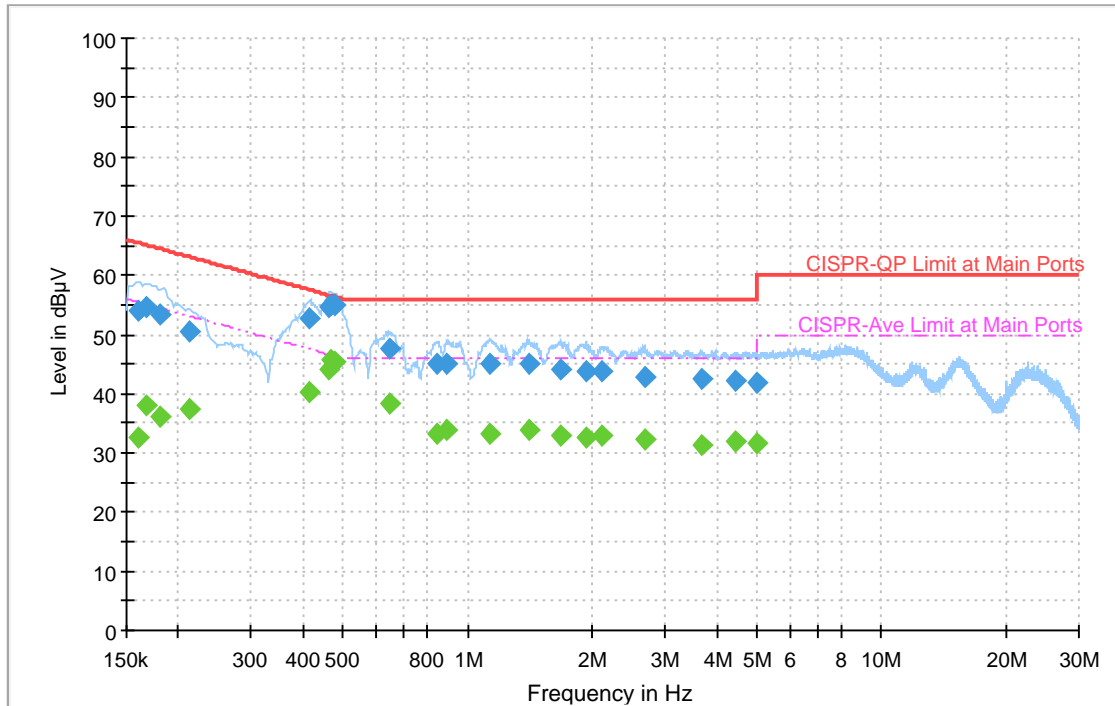
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158748	---	27.35	55.53	28.18	L1	OFF	20.2
0.158748	51.48	---	65.53	14.05	L1	OFF	20.2
0.163293	---	33.31	55.30	21.98	L1	OFF	20.2
0.163293	52.70	---	65.30	12.59	L1	OFF	20.2
0.183759	---	35.61	54.31	18.70	L1	OFF	20.3
0.183759	51.73	---	64.31	12.58	L1	OFF	20.3
0.407994	---	38.24	47.69	9.45	L1	OFF	20.3
0.407994	52.89	---	57.69	4.80	L1	OFF	20.3
0.414303	53.41	---	57.56	4.15	L1	OFF	20.3
0.414303	---	41.14	47.56	6.42	L1	OFF	20.3
0.463839	---	45.35	46.62	1.27	L1	OFF	20.3
0.463839	55.63	---	56.62	0.99	L1	OFF	20.3
0.466485	---	46.14	46.58	0.44	L1	OFF	20.3
0.466485	55.86	---	56.58	0.72	L1	OFF	20.3
0.474963	55.85	---	56.43	0.58	L1	OFF	20.3
0.474963	---	46.24	46.43	0.19	L1	OFF	20.3
0.480291	55.32	---	56.33	1.01	L1	OFF	20.3
0.480291	---	44.10	46.33	2.23	L1	OFF	20.3
0.611034	---	36.85	46.00	9.15	L1	OFF	20.3
0.611034	47.36	---	56.00	8.64	L1	OFF	20.3
0.664071	---	33.61	46.00	12.39	L1	OFF	20.3

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.664071	47.57	---	56.00	8.43	L1	OFF	20.3
0.845565	---	34.03	46.00	11.97	L1	OFF	20.3
0.845565	46.35	---	56.00	9.65	L1	OFF	20.3
0.914496	---	34.33	46.00	11.67	L1	OFF	20.3
0.914496	46.01	---	56.00	9.99	L1	OFF	20.3
1.141431	---	34.31	46.00	11.69	L1	OFF	20.3
1.141431	46.27	---	56.00	9.73	L1	OFF	20.3
1.416948	---	34.98	46.00	11.02	L1	OFF	20.3
1.416948	46.23	---	56.00	9.77	L1	OFF	20.3
1.738113	---	30.24	46.00	15.76	L1	OFF	20.3
1.738113	43.45	---	56.00	12.55	L1	OFF	20.3
1.895289	---	34.76	46.00	11.24	L1	OFF	20.3
1.895289	45.64	---	56.00	10.36	L1	OFF	20.3
2.116176	---	33.89	46.00	12.11	L1	OFF	20.3
2.116176	44.85	---	56.00	11.15	L1	OFF	20.3
2.398695	---	33.00	46.00	13.00	L1	OFF	20.3
2.398695	43.85	---	56.00	12.15	L1	OFF	20.3
2.642910	---	33.25	46.00	12.75	L1	OFF	20.4
2.642910	44.04	---	56.00	11.96	L1	OFF	20.4
2.935662	---	32.91	46.00	13.09	L1	OFF	20.4
2.935662	43.99	---	56.00	12.01	L1	OFF	20.4
3.174036	---	32.65	46.00	13.35	L1	OFF	20.4
3.174036	43.66	---	56.00	12.34	L1	OFF	20.4
3.423723	---	32.60	46.00	13.40	L1	OFF	20.4
3.423723	43.60	---	56.00	12.40	L1	OFF	20.4
3.749307	---	31.83	46.00	14.17	L1	OFF	20.4
3.749307	43.24	---	56.00	12.76	L1	OFF	20.4
3.922881	---	32.86	46.00	13.14	L1	OFF	20.4
3.922881	43.36	---	56.00	12.64	L1	OFF	20.4
4.256898	---	31.93	46.00	14.07	L1	OFF	20.4
4.256898	42.90	---	56.00	13.10	L1	OFF	20.4
4.460559	---	32.28	46.00	13.72	L1	OFF	20.4
4.460559	43.13	---	56.00	12.87	L1	OFF	20.4
4.762149	---	32.02	46.00	13.98	L1	OFF	20.4
4.762149	42.77	---	56.00	13.23	L1	OFF	20.4
4.977060	---	32.27	46.00	13.73	L1	OFF	20.4
4.977060	43.05	---	56.00	12.95	L1	OFF	20.4

EUT Information

Site: CO01-CA
 Power: 120Vac/60Hz
 Project: 230524001
 Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.160170	---	32.74	55.46	22.72	N	OFF	20.2
0.160170	54.01	---	65.46	11.45	N	OFF	20.2
0.166578	---	38.04	55.13	17.09	N	OFF	20.2
0.166578	54.70	---	65.13	10.43	N	OFF	20.2
0.180267	---	36.00	54.47	18.47	N	OFF	20.2
0.180267	53.29	---	64.47	11.18	N	OFF	20.2
0.212055	---	37.30	53.12	15.82	N	OFF	20.2
0.212055	50.49	---	63.12	12.63	N	OFF	20.2
0.414708	---	40.13	47.55	7.42	N	OFF	20.2
0.414708	52.80	---	57.55	4.75	N	OFF	20.2
0.462093	---	44.06	46.66	2.59	N	OFF	20.2
0.462093	54.66	---	56.66	1.99	N	OFF	20.2
0.465405	---	45.58	46.60	1.02	N	OFF	20.2
0.465405	54.87	---	56.60	1.73	N	OFF	20.2
0.474981	---	45.41	46.43	1.02	N	OFF	20.2
0.474981	54.83	---	56.43	1.60	N	OFF	20.2
0.647412	---	38.35	46.00	7.65	N	OFF	20.2
0.647412	47.71	---	56.00	8.29	N	OFF	20.2
0.845673	---	33.19	46.00	12.81	N	OFF	20.3
0.845673	45.12	---	56.00	10.88	N	OFF	20.3
0.892680	---	33.81	46.00	12.19	N	OFF	20.3

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.892680	45.05	---	56.00	10.95	N	OFF	20.3
1.136499	---	33.31	46.00	12.69	N	OFF	20.3
1.136499	45.15	---	56.00	10.85	N	OFF	20.3
1.409514	---	33.88	46.00	12.12	N	OFF	20.3
1.409514	44.95	---	56.00	11.05	N	OFF	20.3
1.682691	---	33.06	46.00	12.94	N	OFF	20.3
1.682691	44.17	---	56.00	11.83	N	OFF	20.3
1.939407	---	32.52	46.00	13.48	N	OFF	20.3
1.939407	43.64	---	56.00	12.36	N	OFF	20.3
2.110866	---	32.87	46.00	13.13	N	OFF	20.3
2.110866	43.86	---	56.00	12.14	N	OFF	20.3
2.684769	---	32.18	46.00	13.82	N	OFF	20.3
2.684769	42.97	---	56.00	13.03	N	OFF	20.3
3.689403	---	31.42	46.00	14.58	N	OFF	20.4
3.689403	42.40	---	56.00	13.60	N	OFF	20.4
4.428294	---	31.86	46.00	14.14	N	OFF	20.4
4.428294	42.08	---	56.00	13.92	N	OFF	20.4
4.973892	---	31.50	46.00	14.50	N	OFF	20.4
4.973892	41.76	---	56.00	14.24	N	OFF	20.4



Appendix C. Radiated Spurious Emission

Test Engineer :	Fu Chen, Thinh Hoang and Jing Peng	Temperature :	20.1~23.6°C
		Relative Humidity :	39.6~53.2%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
D+B+C+A		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5149.76	59.81	-14.19	74	44.35	33.18	11.9	29.62	386	102	P	H	
		5149.5	51.39	-2.61	54	35.93	33.18	11.9	29.62	386	102	A	H	
	*	5180	114.29	-	-	98.88	33.13	11.9	29.62	386	102	P	H	
	*	5180	109.2	-	-	93.79	33.13	11.9	29.62	386	102	A	H	
													H	
			5142.22	63.6	-10.4	74	48.11	33.2	11.9	29.61	290	73	P	V
			5149.24	53.54	-0.46	54	38.08	33.18	11.9	29.62	290	73	A	V
	*		5180	120.36	-	-	104.95	33.13	11.9	29.62	290	73	P	V
	*		5180	113.85	-	-	98.44	33.13	11.9	29.62	290	73	A	V
														V
802.11a CH 44 5220MHz		5104.78	56.81	-17.19	74	41.2	33.32	11.9	29.61	313	140	P	H	
		5137.8	48.31	-5.69	54	32.8	33.22	11.9	29.61	313	140	A	H	
	*	5220	117.58	-	-	102.21	33.08	11.92	29.63	313	140	P	H	
	*	5220	110.37	-	-	95	33.08	11.92	29.63	313	140	A	H	
			5358.64	55.68	-18.32	74	40.21	33.1	12.07	29.7	313	140	P	H
			5458.04	46.93	-7.07	54	31.33	33.11	12.2	29.71	313	140	A	H
			5122.72	58.97	-15.03	74	43.42	33.26	11.9	29.61	288	251	P	V
			5147.68	49.91	-4.09	54	34.44	33.19	11.9	29.62	288	251	A	V
	*		5220	121.92	-	-	106.55	33.08	11.92	29.63	288	251	P	V
	*		5220	115.96	-	-	100.59	33.08	11.92	29.63	288	251	A	V
			5358.36	56.45	-17.55	74	40.98	33.1	12.07	29.7	288	251	P	V
			5453	48.16	-5.84	54	32.56	33.12	12.19	29.71	288	251	A	V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		5132.6	57.45	-16.55	74	41.93	33.23	11.9	29.61	280	39	P	H
		5131.3	48.34	-5.66	54	32.81	33.24	11.9	29.61	280	39	A	H
	*	5240	119.05	-	-	103.7	33.05	11.94	29.64	280	39	P	H
	*	5240	111.86	-	-	96.51	33.05	11.94	29.64	280	39	A	H
		5437.6	56.95	-17.05	74	41.37	33.12	12.17	29.71	280	39	P	H
		5456.36	46.77	-7.23	54	31.18	33.11	12.19	29.71	280	39	A	H
		5092.04	58.64	-15.36	74	43.01	33.33	11.9	29.6	325	247	P	V
		5093.08	50.1	-3.9	54	34.47	33.33	11.9	29.6	325	247	A	V
	*	5240	120.92	-	-	105.57	33.05	11.94	29.64	325	247	P	V
	*	5240	114.63	-	-	99.28	33.05	11.94	29.64	325	247	A	V
		5453.56	56.44	-17.56	74	40.85	33.11	12.19	29.71	325	247	P	V
		5400.36	47.82	-6.18	54	32.26	33.14	12.12	29.7	325	247	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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	53.6	-14.6	68.2	65.37	38.91	17.18	67.86	395	282	P	H	
		15540	47.45	-26.55	74	55.1	38.03	21.11	66.79	-	-	P	H	
													H	
													H	
													H	
													H	
														H
														H
														H
														H
802.11a CH 44 5220MHz		10440	56.7	-11.5	68.2	68.19	38.92	17.24	67.65	399	324	P	H	
		15660	47	-27	74	55.25	37.89	21.19	67.33	-	-	P	H	
													H	
													H	
													H	
													H	
														H
														H
														H
														H



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 48 5240MHz		10480	56.48	-11.72	68.2	67.81	38.94	17.27	67.54	391	324	P	H	
		15720	47.19	-26.81	74	56.14	37.72	21.23	67.9	-	-	P	H	
													H	
													H	
													H	
			10480	57.99	-10.21	68.2	69.32	38.94	17.27	67.54	395	247	P	V
			15720	47.35	-26.65	74	56.3	37.72	21.23	67.9	-	-	P	V
														V
														V
														V
Remark	<ol style="list-style-type: none"> 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Band 1 5150~5250MHz

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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5147.42	59.37	-14.63	74	43.89	33.19	11.9	29.61	393	102	P	H	
		5150	51.98	-2.02	54	36.52	33.18	11.9	29.62	393	102	A	H	
	*	5180	115.21	-	-	99.8	33.13	11.9	29.62	393	102	P	H	
	*	5180	107.57	-	-	92.16	33.13	11.9	29.62	393	102	A	H	
													H	
													H	
			5143.52	61.01	-12.99	74	45.52	33.2	11.9	29.61	278	73	P	V
			5149.24	53.18	-0.82	54	37.72	33.18	11.9	29.62	278	73	A	V
		*	5180	118.59	-	-	103.18	33.13	11.9	29.62	278	73	P	V
		*	5180	111.56	-	-	96.15	33.13	11.9	29.62	278	73	A	V
													V	
													V	
802.11be EHT20 Full CH 44 5220MHz		5138.58	57.51	-16.49	74	42.01	33.21	11.9	29.61	286	140	P	H	
		5134.94	48.78	-5.22	54	33.26	33.23	11.9	29.61	286	140	A	H	
	*	5220	117.96	-	-	102.59	33.08	11.92	29.63	286	140	P	H	
	*	5220	111.01	-	-	95.64	33.08	11.92	29.63	286	140	A	H	
			5426.68	55.92	-18.08	74	40.35	33.13	12.15	29.71	286	140	P	H
			5460	46.75	-7.25	54	31.16	33.1	12.2	29.71	286	140	A	H
			5147.42	58.66	-15.34	74	43.18	33.19	11.9	29.61	312	246	P	V
			5149.5	50.61	-3.39	54	35.15	33.18	11.9	29.62	312	246	A	V
		*	5220	121.66	-	-	106.29	33.08	11.92	29.63	312	246	P	V
		*	5220	115.32	-	-	99.95	33.08	11.92	29.63	312	246	A	V
		5439.56	56.42	-17.58	74	40.84	33.12	12.17	29.71	312	246	P	V	
		5452.72	48.18	-5.82	54	32.58	33.12	12.19	29.71	312	246	A	V	



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5117.52	56.95	-17.05	74	41.38	33.28	11.9	29.61	388	186	P	H
		5120.12	47.21	-6.79	54	31.65	33.27	11.9	29.61	388	186	A	H
	*	5240	114.96	-	-	99.61	33.05	11.94	29.64	388	186	P	H
	*	5240	107.14	-	-	91.79	33.05	11.94	29.64	388	186	A	H
		5429.76	55.23	-18.77	74	39.65	33.13	12.16	29.71	388	186	P	H
		5448.24	45.99	-8.01	54	30.4	33.12	12.18	29.71	388	186	A	H
		5145.6	58.74	-15.26	74	43.26	33.19	11.9	29.61	289	245	P	V
		5077.74	49.85	-4.15	54	34.21	33.33	11.9	29.59	289	245	A	V
	*	5240	122.43	-	-	107.08	33.05	11.94	29.64	289	245	P	V
	*	5240	115.16	-	-	99.81	33.05	11.94	29.64	289	245	A	V
	5400.08	57.41	-16.59	74	41.85	33.14	12.12	29.7	289	245	P	V	
	5402.04	47.9	-6.1	54	32.34	33.14	12.12	29.7	289	245	A	V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		10360	54.4	-13.8	68.2	66.17	38.91	17.18	67.86	400	279	P	H
		15540	47.88	-26.12	74	55.53	38.03	21.11	66.79	-	-	P	H
													H
													H
													H
802.11be EHT20 Full CH 44 5220MHz		10440	54.65	-13.55	68.2	66.14	38.92	17.24	67.65	397	215	P	H
		15660	46.7	-27.3	74	54.95	37.89	21.19	67.33	-	-	P	H
													H
													H
													H



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		10480	56.02	-12.18	68.2	67.35	38.94	17.27	67.54	390	216	P	H
		15720	47.54	-26.46	74	56.49	37.72	21.23	67.9	-	-	P	H
													H
													H
CH 48 5240MHz		10480	58.35	-9.85	68.2	69.68	38.94	17.27	67.54	386	246	P	V
		15720	47.4	-26.6	74	56.35	37.72	21.23	67.9	-	-	P	V
													V
													V
Remark	<ol style="list-style-type: none"> 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Band 1 5150~5250MHz

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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT40 Full CH 38 5190MHz		5149.76	58.07	-15.93	74	42.61	33.18	11.9	29.62	388	169	P	H
		5149.5	50.24	-3.76	54	34.78	33.18	11.9	29.62	388	169	A	H
	*	5190	112.62	-	-	97.22	33.12	11.9	29.62	388	169	P	H
	*	5190	105.41	-	-	90.01	33.12	11.9	29.62	388	169	A	H
		5452.72	55.46	-18.54	74	39.86	33.12	12.19	29.71	388	189	P	H
		5443.2	46.34	-7.66	54	30.75	33.12	12.18	29.71	388	189	A	H
		5148.46	61.44	-12.56	74	45.98	33.18	11.9	29.62	276	134	P	V
		5150	53.61	-0.39	54	38.15	33.18	11.9	29.62	276	134	A	V
	*	5190	115.27	-	-	99.87	33.12	11.9	29.62	276	134	P	V
	*	5190	107.48	-	-	92.08	33.12	11.9	29.62	276	134	A	V
		5438.72	57	-17	74	41.42	33.12	12.17	29.71	276	134	P	V
		5449.92	46.76	-7.24	54	31.17	33.12	12.18	29.71	276	134	A	V
802.11be EHT40 Full CH 46 5230MHz		5132.08	58.67	-15.33	74	43.15	33.23	11.9	29.61	389	149	P	H
		5150	49.51	-4.49	54	34.05	33.18	11.9	29.62	389	149	A	H
	*	5230	113.93	-	-	98.58	33.06	11.93	29.64	389	149	P	H
	*	5230	106.54	-	-	91.19	33.06	11.93	29.64	389	149	A	H
		5350.24	56.46	-17.54	74	41	33.09	12.07	29.7	389	149	P	H
		5451.88	46.62	-7.38	54	31.02	33.12	12.19	29.71	389	149	A	H
		5141.7	62.6	-11.4	74	47.11	33.2	11.9	29.61	313	249	P	V
		5142.22	52.7	-1.3	54	37.21	33.2	11.9	29.61	313	249	A	V
	*	5230	119.26	-	-	103.91	33.06	11.93	29.64	313	249	P	V
	*	5230	112.37	-	-	97.02	33.06	11.93	29.64	313	249	A	V
	5380.48	57.14	-16.86	74	41.62	33.12	12.1	29.7	313	249	P	V	
	5460	47.9	-6.1	54	32.31	33.1	12.2	29.71	313	249	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz
WIFI 802.11be EHT40 Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		10380	47.57	-20.63	68.2	59.26	38.91	17.2	67.8	-	-	P	H
		15570	48.09	-25.91	74	55.75	37.99	21.13	66.78	-	-	P	H
													H
													H
													H
		10380	47.33	-20.87	68.2	59.02	38.91	17.2	67.8	-	-	P	V
		15570	47.92	-26.08	74	55.58	37.99	21.13	66.78	-	-	P	V
													V
802.11be EHT40 Full CH 46 5230MHz		10460	51.84	-16.36	68.2	63.26	38.93	17.25	67.6	400	283	P	H
		15690	46.81	-27.19	74	55.43	37.8	21.21	67.63	-	-	P	H
													H
													H
													H
		10460	52.95	-15.25	68.2	64.37	38.93	17.25	67.6	399	247	P	V
		15690	47.25	-26.75	74	55.87	37.8	21.21	67.63	-	-	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5148.2	59.8	-14.2	74	44.33	33.19	11.9	29.62	400	167	P	H
		5149.76	51.69	-2.31	54	36.23	33.18	11.9	29.62	400	167	A	H
	*	5210	109.33	-	-	93.96	33.09	11.91	29.63	400	167	P	H
	*	5210	101.88	-	-	86.51	33.09	11.91	29.63	400	167	A	H
		5420.52	55.69	-18.31	74	40.12	33.13	12.15	29.71	400	167	P	H
		5455.24	46.12	-7.88	54	30.53	33.11	12.19	29.71	400	167	A	H
		5141.7	61.53	-12.47	74	46.04	33.2	11.9	29.61	313	252	P	V
		5142.22	53.32	-0.68	54	37.83	33.2	11.9	29.61	313	252	A	V
	*	5210	112.12	-	-	96.75	33.09	11.91	29.63	313	252	P	V
	*	5210	105.65	-	-	90.28	33.09	11.91	29.63	313	252	A	V
	5353.32	57.41	-16.59	74	41.95	33.09	12.07	29.7	313	252	P	V	
	5453	47.53	-6.47	54	31.93	33.12	12.19	29.71	313	252	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz
WIFI 802.11be EHT80 Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT80 Full CH 42 5210MHz		10420	46.06	-22.14	68.2	57.63	38.91	17.22	67.7	-	-	P	H
		15630	46.12	-27.88	74	54.08	37.94	21.17	67.07	-	-	P	H
													H
													H
													H
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



**Band 1 5150~5250MHz
WIFI 802.11be EHT160 Full (Band Edge @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5093.5	60.15	-13.85	74	44.52	33.33	11.9	29.6	300	40	P	H
		5112.54	51.3	-2.7	54	35.72	33.29	11.9	29.61	300	40	A	H
	*	5250	104.17	-	-	88.83	33.04	11.95	29.65	300	40	P	H
	*	5250	96.53	-	-	81.19	33.04	11.95	29.65	300	40	A	H
		5393.12	55.86	-18.14	74	40.32	33.13	12.11	29.7	300	40	P	H
		5438.88	47.1	-6.9	54	31.52	33.12	12.17	29.71	300	40	A	H
		5121.38	62.87	-11.13	74	47.31	33.27	11.9	29.61	328	251	P	V
		5121.72	53.76	-0.24	54	38.21	33.26	11.9	29.61	328	251	A	V
	*	5250	108.4	-	-	93.06	33.04	11.95	29.65	328	251	P	V
	*	5250	100.42	-	-	85.08	33.04	11.95	29.65	328	251	A	V
		5402.08	61.72	-12.28	74	46.16	33.14	12.12	29.7	328	251	P	V
		5382.24	52.15	-1.85	54	36.63	33.12	12.1	29.7	328	251	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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	45.81	-22.39	68.2	57.06	38.95	17.28	67.48	-	-	P	H	
		15750	45.35	-28.65	74	54.62	37.64	21.25	68.16	-	-	P	H	
													H	
													H	
													H	
			10500	45.86	-22.34	68.2	57.11	38.95	17.28	67.48	-	-	P	V
			15750	45.64	-28.36	74	54.91	37.64	21.25	68.16	-	-	P	V
														V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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. D+B+C+A	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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		5013.26	57.14	-16.86	74	41.59	33.22	11.9	29.57	400	92	P	H
		5107.1	48.33	-5.67	54	32.73	33.31	11.9	29.61	400	92	A	H
	*	5260	116.71	-	-	101.35	33.04	11.97	29.65	400	92	P	H
	*	5260	110.28	-	-	94.92	33.04	11.97	29.65	400	92	A	H
		5433.12	54.93	-19.07	74	39.35	33.13	12.16	29.71	400	92	P	H
		5445.6	46.85	-7.15	54	31.26	33.12	12.18	29.71	400	92	A	H
		5110.16	58.19	-15.81	74	42.6	33.3	11.9	29.61	304	244	P	V
		5113.56	51.05	-2.95	54	35.47	33.29	11.9	29.61	304	244	A	V
	*	5260	121.12	-	-	105.76	33.04	11.97	29.65	304	244	P	V
	*	5260	114.41	-	-	99.05	33.04	11.97	29.65	304	244	A	V
		5420.16	56.42	-17.58	74	40.85	33.13	12.15	29.71	304	244	P	V
		5406.48	47.91	-6.09	54	32.35	33.14	12.13	29.71	304	244	A	V
802.11a CH 60 5300MHz		5113.56	56.48	-17.52	74	40.9	33.29	11.9	29.61	305	167	P	H
		5145.18	48.36	-5.64	54	32.88	33.19	11.9	29.61	305	167	A	H
	*	5300	116.9	-	-	101.52	33.04	12.01	29.67	305	167	P	H
	*	5300	109.99	-	-	94.61	33.04	12.01	29.67	305	167	A	H
		5449.92	55.54	-18.46	74	39.95	33.12	12.18	29.71	305	167	P	H
		5447.76	46.98	-7.02	54	31.39	33.12	12.18	29.71	305	167	A	H
		5145.18	59.16	-14.84	74	43.68	33.19	11.9	29.61	269	128	P	V
		5145.18	48.85	-5.15	54	33.37	33.19	11.9	29.61	269	128	A	V
	*	5300	122.62	-	-	107.24	33.04	12.01	29.67	269	128	P	V
	*	5300	115.61	-	-	100.23	33.04	12.01	29.67	269	128	A	V
		5415.36	57.61	-16.39	74	42.05	33.13	12.14	29.71	269	128	P	V
		5354.4	49.01	-4.99	54	33.55	33.09	12.07	29.7	269	128	A	V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	116.7	-	-	101.29	33.06	12.03	29.68	285	164	P	H
	*	5320	109.27	-	-	93.86	33.06	12.03	29.68	285	164	A	H
		5408.64	55.81	-18.19	74	40.25	33.14	12.13	29.71	285	164	P	H
		5356.96	47.81	-6.19	54	32.34	33.1	12.07	29.7	285	164	A	H
													H
													H
	*	5320	121	-	-	105.59	33.06	12.03	29.68	278	250	P	V
	*	5320	114.67	-	-	99.26	33.06	12.03	29.68	278	250	A	V
		5352.16	60.72	-13.28	74	45.26	33.09	12.07	29.7	278	250	P	V
		5352.16	53.02	-0.98	54	37.56	33.09	12.07	29.7	278	250	A	V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



**Band 2 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	56.46	-11.74	68.2	67.64	38.97	17.29	67.44	391	324	P	H	
		15780	47.09	-26.91	74	56.44	37.62	21.26	68.23	-	-	P	H	
													H	
													H	
													H	
			10520	57.59	-10.61	68.2	68.77	38.97	17.29	67.44	392	246	P	V
			15780	46.78	-27.22	74	56.13	37.62	21.26	68.23	-	-	P	V
														V
														V
														V
802.11a CH 60 5300MHz		10600	53.97	-20.03	74	64.92	39.11	17.35	67.41	256	197	P	H	
		10600	49.46	-4.54	54	60.41	39.11	17.35	67.41	256	197	A	H	
		15900	47.16	-26.84	74	55.85	37.8	21.33	67.82	-	-	P	H	
													H	
													H	
			10600	54.69	-19.31	74	65.64	39.11	17.35	67.41	100	93	P	V
			10600	51.41	-2.59	54	62.36	39.11	17.35	67.41	100	93	A	V
			15900	48.05	-25.95	74	56.74	37.8	21.33	67.82	-	-	P	V
														V
														V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	53.46	-20.54	74	64.36	39.21	17.38	67.49	378	277	P	H	
		10640	49.06	-4.94	54	59.96	39.21	17.38	67.49	378	277	A	H	
		15960	47.1	-26.9	74	55.35	37.94	21.37	67.56	-	-	P	H	
													H	
													H	
			10640	53.78	-20.22	74	64.68	39.21	17.38	67.49	100	93	P	V
			10640	50.37	-3.63	54	61.27	39.21	17.38	67.49	100	93	A	V
			15960	47.05	-26.95	74	55.3	37.94	21.37	67.56	-	-	P	V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5005.44	55.91	-18.09	74	40.38	33.2	11.9	29.57	374	166	P	H
		5135.66	47.32	-6.68	54	31.81	33.22	11.9	29.61	374	166	A	H
	*	5260	118.42	-	-	103.06	33.04	11.97	29.65	374	166	P	H
	*	5260	111.4	-	-	96.04	33.04	11.97	29.65	374	166	A	H
		5380.08	55.91	-18.09	74	40.39	33.12	12.1	29.7	374	166	P	H
		5457.6	46.04	-7.96	54	30.45	33.11	12.19	29.71	374	166	A	H
		5114.24	58.74	-15.26	74	43.16	33.29	11.9	29.61	299	253	P	V
		5112.54	49.87	-4.13	54	34.29	33.29	11.9	29.61	299	253	A	V
	*	5260	122.99	-	-	107.63	33.04	11.97	29.65	299	253	P	V
	*	5260	115.66	-	-	100.3	33.04	11.97	29.65	299	253	A	V
		5416.08	57.29	-16.71	74	41.73	33.13	12.14	29.71	299	253	P	V
		5420.64	48.09	-5.91	54	32.52	33.13	12.15	29.71	299	253	A	V
802.11be EHT20 Full CH 60 5300MHz		5097.58	56.23	-17.77	74	40.61	33.33	11.9	29.61	274	165	P	H
		5143.48	47.48	-6.52	54	31.99	33.2	11.9	29.61	274	165	A	H
	*	5300	117.04	-	-	101.66	33.04	12.01	29.67	274	165	P	H
	*	5300	109.84	-	-	94.46	33.04	12.01	29.67	274	165	A	H
		5443.68	56.17	-17.83	74	40.58	33.12	12.18	29.71	274	165	P	H
		5453.28	46.21	-7.79	54	30.62	33.11	12.19	29.71	274	165	A	H
		5144.16	58.52	-15.48	74	43.03	33.2	11.9	29.61	263	247	P	V
		5138.72	50.6	-3.4	54	35.1	33.21	11.9	29.61	263	247	A	V
	*	5300	121.87	-	-	106.49	33.04	12.01	29.67	263	247	P	V
	*	5300	115.06	-	-	99.68	33.04	12.01	29.67	263	247	A	V
	5351.52	59.24	-14.76	74	43.78	33.09	12.07	29.7	263	247	P	V	
	5351.76	49.54	-4.46	54	34.08	33.09	12.07	29.7	263	247	A	V	



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	*	5320	116.7	-	-	101.29	33.06	12.03	29.68	241	146	P	H
	*	5320	108.32	-	-	92.91	33.06	12.03	29.68	241	146	A	H
		5400	55.67	-18.33	74	40.11	33.14	12.12	29.7	241	146	P	H
		5357.44	46.73	-7.27	54	31.26	33.1	12.07	29.7	241	146	A	H
													H
													H
	*	5320	121.48	-	-	106.07	33.06	12.03	29.68	271	251	P	V
	*	5320	114.78	-	-	99.37	33.06	12.03	29.68	271	251	A	V
		5352.16	60.91	-13.09	74	45.45	33.09	12.07	29.7	271	251	P	V
		5352.32	52.06	-1.94	54	36.6	33.09	12.07	29.7	271	251	A	V
												V	
												V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



**Band 2 5250~5350MHz
WIFI 802.11be EHT20 Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		10520	53.2	-15	68.2	64.38	38.97	17.29	67.44	300	184	P	H	
		15780	50.97	-23.03	74	60.32	37.62	21.26	68.23	201	86	P	H	
		15780	38.39	-15.61	54	47.74	37.62	21.26	68.23	201	86	A	H	
													H	
													H	
			10520	52.93	-15.27	68.2	64.11	38.97	17.29	67.44	300	306	P	V
			15780	47.57	-26.43	74	56.92	37.62	21.26	68.23	399	24	P	V
			15780	37.87	-16.13	54	47.22	37.62	21.26	68.23	399	24	A	V
														V
														V
802.11be EHT20 Full CH 60 5300MHz		10600	51.56	-22.44	74	62.51	39.11	17.35	67.41	400	260	P	H	
		10600	41.55	-12.45	54	52.5	39.11	17.35	67.41	400	260	A	H	
		15900	46.89	-27.11	74	55.58	37.8	21.33	67.82	-	-	P	H	
													H	
													H	
			10600	52.46	-21.54	74	63.41	39.11	17.35	67.41	400	263	P	V
			10600	43.19	-10.81	54	54.14	39.11	17.35	67.41	400	263	A	V
			15900	47.74	-26.26	74	56.43	37.8	21.33	67.82	-	-	P	V
														V
														V



WiFi Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	51.45	-22.55	74	62.35	39.21	17.38	67.49	400	295	P	H	
		10640	41.84	-12.16	54	52.74	39.21	17.38	67.49	400	295	A	H	
		15960	47.13	-26.87	74	55.38	37.94	21.37	67.56	-	-	P	H	
													H	
													H	
			10640	51.99	-22.01	74	62.89	39.21	17.38	67.49	400	263	P	V
			10640	42.76	-11.24	54	53.66	39.21	17.38	67.49	400	263	A	V
			15960	47.74	-26.26	74	55.99	37.94	21.37	67.56	-	-	P	V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5148.92	57.07	-16.93	74	41.61	33.18	11.9	29.62	300	56	P	H
		5148.24	47.52	-6.48	54	32.05	33.19	11.9	29.62	300	56	A	H
	*	5270	112.78	-	-	97.42	33.04	11.98	29.66	300	56	P	H
	*	5270	105.14	-	-	89.78	33.04	11.98	29.66	300	56	A	H
		5385.76	55.45	-18.55	74	39.92	33.13	12.1	29.7	300	56	P	H
		5349.92	48.6	-101.4	150	33.15	33.09	12.06	29.7	300	56	A	H
		5128.52	57.28	-16.72	74	41.75	33.24	11.9	29.61	321	212	P	V
		5132.6	48.97	-5.03	54	33.45	33.23	11.9	29.61	321	212	A	V
	*	5270	115.66	-	-	100.3	33.04	11.98	29.66	321	212	P	V
	*	5270	108.67	-	-	93.31	33.04	11.98	29.66	321	212	A	V
		5350.56	59.38	-14.62	74	43.92	33.09	12.07	29.7	321	212	P	V
		5350	51.1	-2.9	54	35.65	33.09	12.06	29.7	321	212	A	V
802.11be EHT40 Full CH 62 5310MHz		5120.02	55.77	-18.23	74	40.21	33.27	11.9	29.61	400	155	P	H
		5143.48	46.82	-7.18	54	31.33	33.2	11.9	29.61	400	155	A	H
	*	5310	107.88	-	-	92.49	33.05	12.02	29.68	400	155	P	H
	*	5310	101.04	-	-	85.65	33.05	12.02	29.68	400	155	A	H
		5352	56.64	-17.36	74	41.18	33.09	12.07	29.7	400	155	P	H
		5350.08	48.51	-5.49	54	33.05	33.09	12.07	29.7	400	155	A	H
		5133.62	56.4	-17.6	74	40.88	33.23	11.9	29.61	314	217	P	V
		5148.58	47.55	-6.45	54	32.09	33.18	11.9	29.62	314	217	A	V
	*	5310	114.39	-	-	99	33.05	12.02	29.68	314	217	P	V
	*	5310	107.15	-	-	91.76	33.05	12.02	29.68	314	217	A	V
	5351.52	60.45	-13.55	74	44.99	33.09	12.07	29.7	314	217	P	V	
	5350.8	52.3	-1.7	54	36.84	33.09	12.07	29.7	314	217	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz
WIFI 802.11be EHT40 Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		10540	48.62	-19.58	68.2	59.73	38.99	17.31	67.41	-	-	P	H
		15810	46.91	-27.09	74	56.27	37.61	21.28	68.25	-	-	P	H
													H
													H
													H
		10540	51.28	-16.92	68.2	62.39	38.99	17.31	67.41	397	281	P	V
		15810	46.89	-27.11	74	56.25	37.61	21.28	68.25	-	-	P	V
													V
802.11be EHT40 Full CH 62 5310MHz		10620	47.56	-26.44	74	58.49	39.16	17.36	67.45	-	-	P	H
		15930	47.18	-26.82	74	55.63	37.88	21.35	67.68	-	-	P	H
													H
													H
													H
		10620	47.65	-26.35	74	58.58	39.16	17.36	67.45	-	-	P	V
		15930	47.39	-26.61	74	55.84	37.88	21.35	67.68	-	-	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5113.22	56.58	-17.42	74	41	33.29	11.9	29.61	353	168	P	H
		5127.84	47.35	-6.65	54	31.81	33.25	11.9	29.61	353	168	A	H
	*	5290	109.63	-	-	94.26	33.04	12	29.67	353	168	P	H
	*	5290	101.34	-	-	85.97	33.04	12	29.67	353	168	A	H
		5428.08	56.47	-17.53	74	40.89	33.13	12.16	29.71	353	168	P	H
		5454.72	45.95	-8.05	54	30.36	33.11	12.19	29.71	353	168	A	H
		5136.34	57.89	-16.11	74	42.38	33.22	11.9	29.61	312	215	P	V
		5138.04	48.22	-5.78	54	32.71	33.22	11.9	29.61	312	215	A	V
	*	5290	112.28	-	-	96.91	33.04	12	29.67	312	215	P	V
	*	5290	103.25	-	-	87.88	33.04	12	29.67	312	215	A	V
		5351.52	60.89	-13.11	74	45.43	33.09	12.07	29.7	312	215	P	V
		5350.56	52.51	-1.49	54	37.05	33.09	12.07	29.7	312	215	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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	46.16	-22.04	68.2	57.15	39.07	17.34	67.4	-	-	P	H
		15870	45.99	-28.01	74	54.95	37.72	21.31	67.99	-	-	P	H
													H
													H
													H
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5450.48	56.96	-17.04	74	41.36	33.12	12.19	29.71	262	0	P	H	
		5467.6	60.11	-8.09	68.2	44.52	33.09	12.21	29.71	262	0	P	H	
		5452.24	47.87	-6.13	54	32.27	33.12	12.19	29.71	262	0	A	H	
	*	5500	114.62	-	-	99.03	33.04	12.25	29.7	262	0	P	H	
	*	5500	108.8	-	-	93.21	33.04	12.25	29.7	262	0	A	H	
														H
			5458.16	61.81	-12.19	74	46.21	33.11	12.2	29.71	310	250	P	V
			5470	66.61	-1.59	68.2	51.02	33.09	12.21	29.71	310	250	P	V
			5458.8	51.24	-2.76	54	35.64	33.11	12.2	29.71	310	250	A	V
	*		5500	121.8	-	-	106.21	33.04	12.25	29.7	310	250	P	V
	*		5044	51.38	-2.62	54	35.75	33.31	11.9	29.58	310	250	A	V
			5500	115.19	-	-	99.6	33.04	12.25	29.7	310	250	A	V
802.11a CH 116 5580MHz		5432.56	55.74	-18.26	74	40.16	33.13	12.16	29.71	252	140	P	H	
		5464.96	56.2	-12	68.2	40.61	33.1	12.2	29.71	252	140	P	H	
		5452	47.14	-6.86	54	31.54	33.12	12.19	29.71	252	140	A	H	
	*	5580	120.16	-	-	104.54	32.99	12.35	29.72	252	140	P	H	
	*	5580	113.24	-	-	97.62	32.99	12.35	29.72	252	140	A	H	
			5751.14	57.76	-10.44	68.2	41.08	33.79	12.58	29.69	252	140	P	H
														H
			5427.04	57.97	-16.03	74	42.39	33.13	12.16	29.71	255	250	P	V
			5469.76	56.2	-12	68.2	40.61	33.09	12.21	29.71	255	250	P	V
			5420.08	49.19	-4.81	54	33.62	33.13	12.15	29.71	255	250	A	V
	*		5580	123.05	-	-	107.43	32.99	12.35	29.72	255	250	P	V
			5110	53.38	-0.62	54	37.79	33.3	11.9	29.61	255	250	A	V
*		5580	112.65	-	-	97.03	32.99	12.35	29.72	255	250	A	V	
		5737.28	58.09	-10.11	68.2	41.53	33.69	12.56	29.69	255	250	P	V	



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz	*	5700	118.38	-	-	102.13	33.44	12.51	29.7	230	132	P	H
	*	5700	111.67	-	-	95.42	33.44	12.51	29.7	230	132	A	H
		5728.44	63.77	-4.43	68.2	47.29	33.63	12.55	29.7	230	132	P	H
													H
													H
													H
	*	5700	119.93	-	-	103.68	33.44	12.51	29.7	302	125	P	V
	*	5700	113.42	-	-	97.17	33.44	12.51	29.7	302	125	A	V
		5728.12	63.64	-4.56	68.2	47.16	33.63	12.55	29.7	302	125	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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	52.93	-21.07	74	63.35	38.96	17.64	67.02	392	286	P	H	
		11000	49.41	-4.59	54	59.83	38.96	17.64	67.02	392	286	A	H	
		16500	48.41	-19.79	68.2	55.68	38.27	21.85	67.39	-	-	P	H	
													H	
													H	
			11000	55.57	-18.43	74	65.99	38.96	17.64	67.02	290	225	P	V
			11000	53.05	-0.95	54	63.47	38.96	17.64	67.02	290	225	A	V
			16500	47.99	-20.21	68.2	55.26	38.27	21.85	67.39	-	-	P	V
														V
														V
802.11a CH 116 5580MHz		11160	51.56	-22.44	74	62.18	38.89	17.75	67.26	379	319	P	H	
		11160	47.82	-6.18	54	58.44	38.89	17.75	67.26	379	319	A	H	
		16740	47.67	-20.53	68.2	55.18	38.1	22.07	67.68	-	-	P	H	
													H	
													H	
			11160	52.43	-21.57	74	63.05	38.89	17.75	67.26	400	264	P	V
			11160	48.78	-5.22	54	59.4	38.89	17.75	67.26	400	264	A	V
			16740	48.12	-20.08	68.2	55.63	38.1	22.07	67.68	-	-	P	V
														V
														V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 140 5700MHz		11400	51.9	-22.1	74	61.78	39.17	17.93	66.98	393	251	P	H	
		11400	47.29	-6.71	54	57.17	39.17	17.93	66.98	393	251	A	H	
		17100	48.59	-19.61	68.2	55.88	37.99	22.4	67.68	-	-	P	H	
													H	
													H	
			11400	52.3	-21.7	74	62.18	39.17	17.93	66.98	198	246	P	V
			11400	47.76	-6.24	54	57.64	39.17	17.93	66.98	198	246	A	V
			17100	48.28	-19.92	68.2	55.57	37.99	22.4	67.68	-	-	P	V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Band 3 - 5470~5725MHz

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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	57.14	-16.86	74	41.54	33.11	12.2	29.71	249	3	P	H
		5468.56	64.84	-3.36	68.2	49.25	33.09	12.21	29.71	249	3	P	H
		5460	48.92	-5.08	54	33.33	33.1	12.2	29.71	249	3	A	H
	*	5500	117.17	-	-	101.58	33.04	12.25	29.7	249	3	P	H
	*	5500	111.27	-	-	95.68	33.04	12.25	29.7	249	3	A	H
		5450.96	59.55	-14.45	74	43.95	33.12	12.19	29.71	300	277	P	V
		5469.84	66.86	-1.34	68.2	51.27	33.09	12.21	29.71	300	277	P	V
		5450.16	49.82	-4.18	54	34.22	33.12	12.19	29.71	300	277	A	V
	*	5500	119.36	-	-	103.77	33.04	12.25	29.7	300	277	P	V
*	5500	113.43	-	-	97.84	33.04	12.25	29.7	300	277	A	V	
802.11be EHT20 Full CH 116 5580MHz		5395.6	55.8	-18.2	74	40.24	33.14	12.12	29.7	253	139	P	H
		5466.4	55.66	-12.54	68.2	40.07	33.09	12.21	29.71	253	139	P	H
		5456.32	46.5	-7.5	54	30.91	33.11	12.19	29.71	253	139	A	H
	*	5580	121.48	-	-	105.86	32.99	12.35	29.72	253	139	P	H
		5128	50.54	-3.46	54	35	33.25	11.9	29.61	253	139	P	H
	*	5580	112.65	-	-	97.03	32.99	12.35	29.72	253	139	A	H
		5730.665	57.96	-10.24	68.2	41.45	33.65	12.55	29.69	253	139	P	H
		5423.44	57.32	-16.68	74	41.75	33.13	12.15	29.71	293	250	P	V
		5464.24	57.23	-10.97	68.2	41.64	33.1	12.2	29.71	293	250	P	V
		5419.6	48.6	-5.4	54	33.03	33.13	12.15	29.71	293	250	A	V
	*	5580	123.59	-	-	107.97	32.99	12.35	29.72	293	250	P	V
		5110	52.85	-1.15	54	37.26	33.3	11.9	29.61	293	250	A	V
*	5580	114.5	-	-	98.88	32.99	12.35	29.72	293	250	A	V	
	5738.225	57.15	-11.05	68.2	40.58	33.7	12.56	29.69	293	250	P	V	



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	*	5700	117.67	-	-	101.42	33.44	12.51	29.7	233	134	P	H
	*	5700	110.11	-	-	93.86	33.44	12.51	29.7	233	134	A	H
		5726.04	67.64	-0.56	68.2	51.18	33.62	12.54	29.7	233	134	P	H
													H
													H
													H
	*	5700	118.93	-	-	102.68	33.44	12.51	29.7	334	207	P	V
	*	5700	111.1	-	-	94.85	33.44	12.51	29.7	334	207	A	V
		5725.4	66.46	-1.74	68.2	50.01	33.61	12.54	29.7	334	207	P	V
													V
												V	
												V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



Band 3 5470~5725MHz
WIFI 802.11be EHT20 (Harmonic @ 3m)

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT20 Full CH 100 5500MHz		11000	46.47	-27.53	74	56.89	38.96	17.64	67.02	-	-	P	H
		16500	47.17	-21.03	68.2	54.44	38.27	21.85	67.39	-	-	P	H
													H
													H
													H
		11000	46.52	-27.48	74	56.94	38.96	17.64	67.02	-	-	P	V
		16500	47.89	-20.31	68.2	55.16	38.27	21.85	67.39	-	-	P	V
													V
													V
													V
802.11be EHT20 Full CH 116 5580MHz		11160	46.17	-27.83	74	56.79	38.89	17.75	67.26	-	-	P	H
		16740	47.63	-20.57	68.2	55.14	38.1	22.07	67.68	-	-	P	H
													H
													H
													H
		11160	46.69	-27.31	74	57.31	38.89	17.75	67.26	-	-	P	V
		16740	47.53	-20.67	68.2	55.04	38.1	22.07	67.68	-	-	P	V
													V
													V
													V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	51.58	-22.42	74	61.46	39.17	17.93	66.98	300	192	P	H	
		11400	41.43	-12.57	54	51.31	39.17	17.93	66.98	300	192	A	H	
		17100	47.29	-20.91	68.2	54.58	37.99	22.4	67.68	-	-	P	H	
													H	
													H	
			11400	51.13	-22.87	74	61.01	39.17	17.93	66.98	300	296	P	V
			11400	42.1	-11.9	54	51.98	39.17	17.93	66.98	300	296	A	V
			17100	47.53	-20.67	68.2	54.82	37.99	22.4	67.68	-	-	P	V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5452.24	56.67	-17.33	74	41.07	33.12	12.19	29.71	300	53	P	H
		5469.28	63.15	-5.05	68.2	47.56	33.09	12.21	29.71	300	53	P	H
		5459.92	47.5	-6.5	54	31.91	33.1	12.2	29.71	300	53	A	H
	*	5510	112.73	-	-	97.14	33.03	12.26	29.7	300	53	P	H
	*	5510	103.58	-	-	87.99	33.03	12.26	29.7	300	53	A	H
		5756.18	56.56	-11.64	68.2	39.86	33.81	12.58	29.69	300	53	P	H
		5457.04	59.59	-14.41	74	44	33.11	12.19	29.71	342	208	P	V
		5467.84	66.53	-1.67	68.2	50.94	33.09	12.21	29.71	342	208	P	V
		5456.56	49.04	-4.96	54	33.45	33.11	12.19	29.71	342	208	A	V
	*	5510	116.08	-	-	100.49	33.03	12.26	29.7	342	208	P	V
	*	5510	108.77	-	-	93.18	33.03	12.26	29.7	342	208	A	V
	5742.32	56.36	-11.84	68.2	39.75	33.73	12.57	29.69	342	208	P	V	
802.11be EHT40 Full CH 110 5550MHz		5449.36	57.11	-16.89	74	41.52	33.12	12.18	29.71	300	48	P	H
		5468.56	58.33	-9.87	68.2	42.74	33.09	12.21	29.71	300	48	P	H
		5459.92	47.49	-6.51	54	31.9	33.1	12.2	29.71	300	48	A	H
	*	5550	114.78	-	-	99.17	32.98	12.32	29.69	300	48	P	H
	*	5550	107.2	-	-	91.59	32.98	12.32	29.69	300	48	A	H
		5736.65	57.24	-10.96	68.2	40.68	33.69	12.56	29.69	300	48	P	H
		5457.52	58.41	-15.59	74	42.82	33.11	12.19	29.71	316	205	P	V
		5468.08	59.23	-8.97	68.2	43.64	33.09	12.21	29.71	316	205	P	V
		5456.08	48.98	-5.02	54	33.39	33.11	12.19	29.71	316	205	A	V
	*	5550	118.36	-	-	102.75	32.98	12.32	29.69	316	205	P	V
	*	5550	110.71	-	-	95.1	32.98	12.32	29.69	316	205	A	V
	5735.39	57.38	-10.82	68.2	40.83	33.68	12.56	29.69	316	205	P	V	



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5432.6	55.01	-18.99	74	39.43	33.13	12.16	29.71	300	119	P	H
		5463.75	54.97	-13.23	68.2	39.38	33.1	12.2	29.71	300	119	P	H
		5444.5	46.36	-7.64	54	30.77	33.12	12.18	29.71	300	119	A	H
	*	5670	115.03	-	-	99.01	33.26	12.47	29.71	300	119	P	H
	*	5670	106.6	-	-	90.58	33.26	12.47	29.71	300	119	A	H
EHT40 Full		5725.1	66.45	-1.75	68.2	50	33.61	12.54	29.7	300	119	P	H
CH 134 5670MHz		5428.4	56.32	-17.68	74	40.74	33.13	12.16	29.71	325	203	P	V
		5468.65	54.58	-13.62	68.2	38.99	33.09	12.21	29.71	325	203	P	V
		5444.85	47.16	-6.84	54	31.57	33.12	12.18	29.71	325	203	A	V
	*	5670	117.37	-	-	101.35	33.26	12.47	29.71	325	203	P	V
	*	5670	109.93	-	-	93.91	33.26	12.47	29.71	325	203	A	V
		5727.9	62.42	-5.78	68.2	45.94	33.63	12.55	29.7	325	203	P	V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



Band 3 5470~5725MHz
WIFI 802.11be EHT40 Full (Harmonic @ 3m)

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		11020	46.96	-27.04	74	57.39	38.94	17.66	67.03	-	-	P	H
		16530	48.67	-19.53	68.2	55.93	38.26	21.88	67.4	-	-	P	H
													H
													H
													H
		11020	46.69	-27.31	74	57.12	38.94	17.66	67.03	-	-	P	V
		16530	48.69	-19.51	68.2	55.95	38.26	21.88	67.4	-	-	P	V
													V
													V
													V
802.11be EHT40 Full CH 110 5550MHz		11100	48.96	-25.04	74	59.57	38.82	17.71	67.14	400	276	P	H
		11100	38.84	-15.16	54	49.45	38.82	17.71	67.14	400	276	A	H
		16650	47.86	-20.34	68.2	55.01	38.46	21.99	67.6	-	-	P	H
													H
													H
		11100	49.49	-24.51	74	60.1	38.82	17.71	67.14	312	133	P	V
		11100	39.2	-14.8	54	49.81	38.82	17.71	67.14	312	133	A	V
		16650	47.61	-20.59	68.2	54.76	38.46	21.99	67.6	-	-	P	V
													V
													V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	50.58	-23.42	74	60.75	39.22	17.88	67.27	341	296	P	H	
		11340	42.14	-11.86	54	52.31	39.22	17.88	67.27	341	296	A	H	
		17010	48.88	-19.32	68.2	56.18	37.88	22.31	67.49	-	-	P	H	
													H	
													H	
			11340	49.7	-24.3	74	59.87	39.22	17.88	67.27	100	55	P	V
			11340	42.12	-11.88	54	52.29	39.22	17.88	67.27	100	55	A	V
			17010	48.49	-19.71	68.2	55.79	37.88	22.31	67.49	-	-	P	V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Band 3 5470~5725MHz

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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11be EHT80 Full CH 106 5530MHz		5458	59.37	-14.63	74	43.77	33.11	12.2	29.71	294	102	P	H
		5461.36	59.43	-8.77	68.2	43.84	33.1	12.2	29.71	294	102	P	H
		5459.92	50.8	-3.2	54	35.21	33.1	12.2	29.71	294	102	A	H
	*	5530	109.47	-	-	93.87	33	12.29	29.69	294	102	P	H
	*	5530	101.32	-	-	85.72	33	12.29	29.69	294	102	A	H
		5754.605	56.33	-11.87	68.2	39.64	33.8	12.58	29.69	294	102	P	H
		5448.64	61.47	-12.53	74	45.88	33.12	12.18	29.71	345	204	P	V
		5468.56	63.56	-4.64	68.2	47.97	33.09	12.21	29.71	345	204	P	V
		5448.16	52.63	-1.37	54	37.04	33.12	12.18	29.71	345	204	A	V
	*	5530	114.86	-	-	99.26	33	12.29	29.69	345	204	P	V
	*	5530	105.18	-	-	89.58	33	12.29	29.69	345	204	A	V
		5756.81	56.62	-11.58	68.2	39.92	33.81	12.58	29.69	345	204	P	V
802.11be EHT80 Full CH 122 5610MHz		5442.05	55.93	-18.07	74	40.35	33.12	12.17	29.71	234	97	P	H
		5464.45	55.68	-12.52	68.2	40.09	33.1	12.2	29.71	234	97	P	H
		5459.9	47.43	-6.57	54	31.84	33.1	12.2	29.71	234	97	A	H
	*	5610	113	-	-	97.31	33.03	12.39	29.73	234	97	P	H
	*	5610	104.64	-	-	88.95	33.03	12.39	29.73	234	97	A	H
		5735.775	61.05	-7.15	68.2	44.5	33.68	12.56	29.69	234	97	P	H
		5360.85	55.8	-18.2	74	40.32	33.1	12.08	29.7	338	294	P	V
		5462.35	57.28	-10.92	68.2	41.69	33.1	12.2	29.71	338	294	P	V
		5451.15	47.56	-6.44	54	31.96	33.12	12.19	29.71	338	294	A	V
	*	5610	114.13	-	-	98.44	33.03	12.39	29.73	338	294	P	V
	*	5610	106.64	-	-	90.95	33.03	12.39	29.73	338	294	A	V
		5749.075	64.93	-3.27	68.2	48.28	33.77	12.57	29.69	338	294	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 5470~5725MHz
WIFI 802.11be EHT80 Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		11060	46.76	-27.24	74	57.27	38.88	17.68	67.07	-	-	P	H
		16590	47.49	-20.71	68.2	54.67	38.36	21.93	67.47	-	-	P	H
													H
													H
													H
		11060	46.37	-27.63	74	56.88	38.88	17.68	67.07	-	-	P	V
		16590	47.35	-20.85	68.2	54.53	38.36	21.93	67.47	-	-	P	V
													V
802.11be EHT80 Full CH 122 5610MHz		11220	47.13	-26.87	74	57.69	39.01	17.8	67.37	-	-	P	H
		16830	46.25	-21.95	68.2	54	37.58	22.15	67.48	-	-	P	H
													H
													H
													H
		11220	47.17	-26.83	74	57.73	39.01	17.8	67.37	-	-	P	V
		16830	47.25	-20.95	68.2	55	37.58	22.15	67.48	-	-	P	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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5456.05	57.66	-16.34	74	42.07	33.11	12.19	29.71	268	41	P	H
		5460	56.53	-11.67	68.2	40.94	33.1	12.2	29.71	268	41	P	H
		5456.75	49.41	-4.59	54	33.82	33.11	12.19	29.71	268	41	A	H
	*	5570	103.28	-	-	87.66	32.99	12.34	29.71	268	41	P	H
	*	5570	94.55	-	-	78.93	32.99	12.34	29.71	268	41	A	H
		5740.5	57.3	-10.9	68.2	40.71	33.72	12.56	29.69	268	41	P	H
		5442.75	61.66	-12.34	74	46.07	33.12	12.18	29.71	267	254	P	V
		5461.65	61.43	-6.77	68.2	45.84	33.1	12.2	29.71	267	254	P	V
		5442.05	53.18	-0.82	54	37.6	33.12	12.17	29.71	267	254	A	V
	*	5570	109.43	-	-	93.81	32.99	12.34	29.71	267	254	P	V
	*	5570	100.45	-	-	84.83	32.99	12.34	29.71	267	254	A	V
		5742.775	59.2	-9	68.2	42.59	33.73	12.57	29.69	267	254	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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	49.63	-24.37	74	60.24	38.86	17.74	67.21	-	-	P	H	
		11140	38.19	-15.81	54	48.8	38.86	17.74	67.21	-	-	A	H	
		16710	48.77	-19.43	68.2	56.11	38.29	22.04	67.67	-	-	P	H	
													H	
													H	
			11140	46.61	-27.39	74	57.22	38.86	17.74	67.21	-	-	P	V
			16710	46.83	-21.37	68.2	54.17	38.29	22.04	67.67	-	-	P	V
														V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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.	
D+B+C+A		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5406.16	55.13	-18.87	74	39.57	33.14	12.13	29.71	251	139	P	H
		5469.34	54.59	-13.61	68.2	39	33.09	12.21	29.71	251	139	P	H
		5409.67	47.71	-6.29	54	32.15	33.14	12.13	29.71	251	139	A	H
	*	5720	119.64	-	-	103.22	33.58	12.54	29.7	251	139	P	H
	*	5720	112.44	-	-	96.02	33.58	12.54	29.7	251	139	A	H
		5913.86	58.52	-9.68	68.2	41.22	34.26	12.77	29.73	251	139	P	H
		5431.12	56.38	-17.62	74	40.8	33.13	12.16	29.71	296	287	P	V
		5466.22	54.33	-13.87	68.2	38.74	33.09	12.21	29.71	296	287	P	V
		5407.33	47.8	-6.2	54	32.24	33.14	12.13	29.71	296	287	A	V
	*	5720	121.78	-	-	105.36	33.58	12.54	29.7	296	287	P	V
	*	5720	115.2	-	-	98.78	33.58	12.54	29.7	296	287	A	V
			5888.38	57.07	-11.13	68.2	39.78	34.26	12.74	29.71	296	287	P
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 144 5720MHz		11440	52.55	-21.45	74	62.36	39.07	17.96	66.84	389	274	P	H	
		11440	47.47	-6.53	54	57.28	39.07	17.96	66.84	389	274	A	H	
		17160	48.8	-19.4	68.2	55.86	38.11	22.45	67.62	-	-	P	H	
													H	
													H	
			11440	54.14	-19.86	74	63.95	39.07	17.96	66.84	290	34	P	V
			11440	48.88	-5.12	54	58.69	39.07	17.96	66.84	290	34	A	V
			17160	49.13	-19.07	68.2	56.19	38.11	22.45	67.62	-	-	P	V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



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

Table with 14 columns: WIFI Ant. D+B+C+A, Note, Frequency (MHz), Level (dBµV/m), Margin (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11be EHT20 Full CH 144 5720MHz and a Remark section.



**Band 3 - Straddle Channel
WIFI 802.11be EHT20 Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	54.14	-19.86	74	63.95	39.07	17.96	66.84	297	193	P	H	
		11440	45.21	-8.79	54	55.02	39.07	17.96	66.84	297	193	A	H	
		17160	49.19	-19.01	68.2	56.25	38.11	22.45	67.62	-	-	P	H	
													H	
													H	
			11440	55.83	-18.17	74	65.64	39.07	17.96	66.84	345	272	P	V
			11440	46.65	-7.35	54	56.46	39.07	17.96	66.84	345	272	A	V
			17160	49	-19.2	68.2	56.06	38.11	22.45	67.62	-	-	P	V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5455.3	56.92	-17.08	74	41.33	33.11	12.19	29.71	309	286	P	V
		5462.32	55.75	-12.45	68.2	40.16	33.1	12.2	29.71	309	286	P	V
		5419.03	46.98	-7.02	54	31.42	33.13	12.14	29.71	309	286	A	V
	*	5710	120.87	-	-	104.54	33.51	12.52	29.7	309	286	P	V
	*	5710	111.78	-	-	95.45	33.51	12.52	29.7	309	286	A	V
		5874.86	56.98	-11.22	68.2	39.72	34.24	12.72	29.7	309	286	P	V
		5418.25	56.2	-17.8	74	40.64	33.13	12.14	29.71	245	0	P	H
		5459.98	54.52	-19.48	74	38.93	33.1	12.2	29.71	245	0	P	H
		5452.96	46.4	-7.6	54	30.8	33.12	12.19	29.71	245	0	A	H
	*	5710	114.75	-	-	98.42	33.51	12.52	29.7	245	0	P	H
*	5710	107.95	-	-	91.62	33.51	12.52	29.7	245	0	A	H	
		5863.42	56.9	-11.3	68.2	39.65	34.23	12.71	29.69	245	0	P	H
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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	51.2	-22.8	74	61.05	39.12	17.94	66.91	300	193	P	H
		11420	43	-11	54	52.85	39.12	17.94	66.91	300	193	A	H
		17130	48.78	-19.42	68.2	55.98	38.04	22.42	67.66	-	-	P	H
													H
													H
		11420	54.94	-19.06	74	64.79	39.12	17.94	66.91	330	357	P	V
		11420	44.47	-9.53	54	54.32	39.12	17.94	66.91	330	357	A	V
		17130	48.56	-19.64	68.2	55.76	38.04	22.42	67.66	-	-	P	V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5394.07	56.15	-17.85	74	40.61	33.13	12.11	29.7	240	109	P	H
		5464.27	55.34	-12.86	68.2	39.75	33.1	12.2	29.71	240	109	P	H
		5459.59	46.52	-7.48	54	30.93	33.1	12.2	29.71	240	109	A	H
	*	5690	114.82	-	-	98.64	33.38	12.5	29.7	240	109	P	H
	*	5690	106.73	-	-	90.55	33.38	12.5	29.7	240	109	A	H
		5851.72	58.74	-9.46	68.2	41.51	34.22	12.7	29.69	240	109	P	H
		5431.9	57.12	-16.88	74	41.54	33.13	12.16	29.71	241	287	P	V
		5470	54.89	-13.31	68.2	39.3	33.09	12.21	29.71	241	287	P	V
		5459.59	47.25	-6.75	54	31.66	33.1	12.2	29.71	241	287	A	V
	*	5690	115.99	-	-	99.81	33.38	12.5	29.7	241	287	P	V
*	5690	108.92	-	-	92.74	33.38	12.5	29.7	241	287	A	V	
		5851.2	58.51	-9.69	68.2	41.28	34.22	12.7	29.69	241	287	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel
WIFI 802.11be EHT80 Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	47.26	-26.74	74	57.24	39.19	17.92	67.09	-	-	P	H	
		17070	47.22	-20.98	68.2	54.58	37.96	22.37	67.69	-	-	P	H	
													H	
													H	
													H	
			11380	47.87	-26.13	74	57.85	39.19	17.92	67.09	-	-	P	V
			17070	46.76	-21.44	68.2	54.12	37.96	22.37	67.69	-	-	P	V
														V
														V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Emission above 18GHz

WIFI 802.11be EHT160 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
D+B+C+A		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11be EHT160 Full SHF		39705.79	56.84	-17.16	74	38.53	44.17	26.17	52.03	-	-	P	H
		39705.79	46.73	-7.27	54	28.42	44.17	26.17	52.03	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39859.9	57.03	-16.97	74	38.49	44.05	26.31	51.82	-	-	P	V
		39859.9	46.83	-7.17	54	28.29	44.05	26.31	51.82	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Emission below 1GHz

WIFI 802.11be EHT160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
D+B+C+A		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11be EHT160 Full LF		88.2	37.02	-6.48	43.5	53.38	14.42	1.68	32.46	-	-	P	H	
		170.65	35.01	-8.49	43.5	49.57	15.6	2.22	32.38	-	-	P	H	
		197.81	33.64	-9.86	43.5	48.68	15	2.4	32.44	-	-	P	H	
		238.55	36.13	-9.87	46	48.73	17.23	2.65	32.48	-	-	P	H	
		291.9	34.57	-11.43	46	44.92	19.14	2.96	32.45	-	-	P	H	
		955.38	34.47	-11.53	46	28.77	31.31	5.41	31.02	-	-	P	H	
														H
														H
														H
														H
														H
														H
			34.85	36.64	-3.36	40	45.59	22.46	1.04	32.45	100	18	Q	V
			91.11	36.58	-6.92	43.5	52.61	14.71	1.72	32.46	100	45	Q	V
			122.15	34.72	-8.78	43.5	47.93	17.39	1.88	32.48	-	-	P	V
			203.63	33.76	-9.74	43.5	48.8	15	2.43	32.47	-	-	P	V
			241.46	32.07	-13.93	46	44.3	17.58	2.66	32.47	-	-	P	V
			956.35	34.95	-11.05	46	29.22	31.33	5.41	31.01	-	-	P	V
														V
													V	
													V	
													V	
													V	

Remark

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



Band 4 - 5725~5850MHz
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.		
D+B+C+A		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 149 5745MHz		5607	56.96	-11.24	68.2	41.07	33.23	12.39	29.73	279	146	P	H	
		5652	57.6	-12.09	69.69	41.61	33.26	12.45	29.72	279	146	P	H	
		5711.2	66.48	-41.86	108.34	50.13	33.53	12.52	29.7	279	146	P	H	
		5723.2	75.85	-42.25	118.1	59.4	33.61	12.54	29.7	279	146	P	H	
	*	5745	122.04	-	-	105.4	33.76	12.57	29.69	279	146	P	H	
	*	5745	115.85	-	-	99.21	33.76	12.57	29.69	279	146	A	H	
														H
														H
			5627.8	56.64	-11.56	68.2	40.7	33.24	12.42	29.72	300	209	P	V
			5650.8	56.81	-11.98	68.79	40.83	33.25	12.45	29.72	300	209	P	V
			5719.8	66.94	-43.8	110.74	50.52	33.58	12.54	29.7	300	209	P	V
			5722.4	73.42	-42.85	116.27	56.98	33.6	12.54	29.7	300	209	P	V
	*		5745	119.27	-	-	102.63	33.76	12.57	29.69	300	209	P	V
	*		5745	112.46	-	-	95.82	33.76	12.57	29.69	300	209	A	V
														V
														V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 157 5785MHz		5640.6	58.34	-9.86	68.2	42.38	33.25	12.43	29.72	100	132	P	H	
		5652.8	56.98	-13.3	70.28	40.98	33.26	12.45	29.71	100	132	P	H	
		5717.8	57.95	-52.23	110.18	41.55	33.57	12.53	29.7	100	132	P	H	
		5722	58.48	-56.88	115.36	42.04	33.6	12.54	29.7	100	132	P	H	
	*	5785	122.27	-	-	105.29	34.05	12.62	29.69	100	132	P	H	
	*	5785	115.15	-	-	98.17	34.05	12.62	29.69	100	132	A	H	
		5850.4	57.95	-63.34	121.29	40.71	34.23	12.7	29.69	100	132	P	H	
		5861.6	60.07	-48.88	108.95	42.82	34.23	12.71	29.69	100	132	P	H	
		5925	55.36	-12.84	68.2	38.1	34.22	12.78	29.74	100	132	P	H	
		5940.8	56.53	-11.67	68.2	39.28	34.21	12.79	29.75	100	132	P	H	
														H
														H
			5615.8	56.34	-11.86	68.2	40.43	33.24	12.4	29.73	100	243	P	V
			5650.4	55.42	-13.08	68.5	39.44	33.25	12.45	29.72	100	243	P	V
			5707.2	56.02	-51.2	107.22	39.7	33.5	12.52	29.7	100	243	P	V
			5720	55.15	-55.65	110.8	38.72	33.59	12.54	29.7	100	243	P	V
	*		5785	119.8	-	-	102.82	34.05	12.62	29.69	100	243	P	V
	*		5785	112.86	-	-	95.88	34.05	12.62	29.69	100	243	A	V
			5854.4	57.17	-55	112.17	39.93	34.23	12.7	29.69	100	243	P	V
			5859.8	57.48	-51.97	109.45	40.23	34.23	12.71	29.69	100	243	P	V
		5922.2	56.26	-14	70.26	39	34.22	12.77	29.73	100	243	P	V	
		5936.4	56.53	-11.67	68.2	39.27	34.21	12.79	29.74	100	243	P	V	
													V	
													V	



WiFi Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 165 5825MHz	*	5825	121.09	-	-	103.92	34.19	12.67	29.69	100	134	P	H	
	*	5825	114.39	-	-	97.22	34.19	12.67	29.69	100	134	A	H	
		5850.6	78.55	-42.28	120.83	61.31	34.23	12.7	29.69	100	134	P	H	
		5857.2	75.55	-34.63	110.18	58.31	34.23	12.7	29.69	100	134	P	H	
		5920	57.34	-14.55	71.89	40.08	34.22	12.77	29.73	100	134	P	H	
		5925.4	57.07	-11.13	68.2	39.81	34.22	12.78	29.74	100	134	P	H	
														H
														H
	*	5825	120.23	-	-	103.06	34.19	12.67	29.69	300	144	P	V	
	*	5825	113.16	-	-	95.99	34.19	12.67	29.69	300	144	A	V	
		5855	75.5	-35.3	110.8	58.26	34.23	12.7	29.69	300	144	P	V	
		5857.6	77.67	-32.4	110.07	60.43	34.23	12.7	29.69	300	144	P	V	
		5923	56.92	-12.75	69.67	39.66	34.22	12.78	29.74	300	144	P	V	
		5936.4	56.81	-11.39	68.2	39.55	34.21	12.79	29.74	300	144	P	V	
														V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 4 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 149 5745MHz		11490	58.33	-15.67	74	68.07	38.96	18	66.7	100	197	P	H	
		11490	49.12	-4.88	54	58.86	38.96	18	66.7	100	197	A	H	
		17235	48.05	-20.15	68.2	54.6	38.36	22.52	67.43	-	-	P	H	
													H	
													H	
			11490	55.25	-18.75	74	64.99	38.96	18	66.7	238	123	P	V
			11490	47.12	-6.88	54	56.86	38.96	18	66.7	238	123	A	V
			17235	48.3	-19.9	68.2	54.85	38.36	22.52	67.43	-	-	P	V
														V
														V
802.11a CH 157 5785MHz		11570	58.06	-15.94	74	67.81	38.87	18.05	66.67	171	201	P	H	
		11570	48.68	-5.32	54	58.43	38.87	18.05	66.67	171	201	A	H	
		17355	49.27	-18.93	68.2	55.67	38.81	22.63	67.84	-	-	P	H	
													H	
													H	
			11570	57.99	-16.01	74	67.74	38.87	18.05	66.67	157	207	P	V
			11570	46.68	-7.32	54	56.43	38.87	18.05	66.67	157	207	A	V
			17355	49.12	-19.08	68.2	55.52	38.81	22.63	67.84	-	-	P	V
														V
														V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 165 5825MHz		11650	57.19	-16.81	74	67.08	38.77	18.11	66.77	100	183	P	H	
		11650	49.83	-4.17	54	59.72	38.77	18.11	66.77	100	183	A	H	
		17475	49.68	-18.52	68.2	56.35	39.19	22.73	68.59	-	-	P	H	
													H	
													H	
			11650	59.18	-14.82	74	69.07	38.77	18.11	66.77	182	208	P	V
			11650	50.38	-3.62	54	60.27	38.77	18.11	66.77	182	208	A	V
			17475	49.26	-18.94	68.2	55.93	39.19	22.73	68.59	-	-	P	V
														V
														V
Remark	<ol style="list-style-type: none"> 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 4 5725~5850MHz
WIFI 802.11be EHT20_Full (Band Edge @ 3m)

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 149 5745MHz		5624.6	57.19	-11.01	68.2	41.26	33.24	12.41	29.72	300	143	P	H	
		5651.2	57.85	-11.24	69.09	41.87	33.25	12.45	29.72	300	143	P	H	
		5711.8	72.9	-35.61	108.51	56.54	33.53	12.53	29.7	300	143	P	H	
		5724.6	76.59	-44.7	121.29	60.13	33.62	12.54	29.7	300	143	P	H	
	*	5745	121.42	-	-	104.78	33.76	12.57	29.69	300	143	P	H	
	*	5745	114.28	-	-	97.64	33.76	12.57	29.69	300	143	A	H	
														H
														H
			5641.8	56.82	-11.38	68.2	40.86	33.25	12.43	29.72	300	210	P	V
			5652.8	56.11	-14.17	70.28	40.11	33.26	12.45	29.71	300	210	P	V
			5720	69.91	-40.89	110.8	53.48	33.59	12.54	29.7	300	210	P	V
			5722	73.61	-41.75	115.36	57.17	33.6	12.54	29.7	300	210	P	V
	*		5745	118.59	-	-	101.95	33.76	12.57	29.69	300	210	P	V
	*		5745	112.16	-	-	95.52	33.76	12.57	29.69	300	210	A	V
													V	
													V	



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5649.8	57.09	-11.11	68.2	41.12	33.25	12.44	29.72	100	131	P	H
		5651.6	55.3	-14.09	69.39	39.31	33.26	12.45	29.72	100	131	P	H
		5714.8	58.07	-51.28	109.35	41.69	33.55	12.53	29.7	100	131	P	H
		5724.6	57.98	-63.31	121.29	41.52	33.62	12.54	29.7	100	131	P	H
	*	5785	122.17	-	-	105.19	34.05	12.62	29.69	100	131	P	H
	*	5785	114.53	-	-	97.55	34.05	12.62	29.69	100	131	A	H
		5850.4	57.33	-63.96	121.29	40.09	34.23	12.7	29.69	100	131	P	H
		5861.8	58.25	-50.64	108.89	41	34.23	12.71	29.69	100	131	P	H
		5924.8	55.44	-12.91	68.35	38.18	34.22	12.78	29.74	100	131	P	H
		5930.6	56.24	-11.96	68.2	38.98	34.22	12.78	29.74	100	131	P	H
802.11be													H
EHT20 Full													H
CH 157		5631.8	55.76	-12.44	68.2	39.82	33.24	12.42	29.72	300	147	P	V
5785MHz		5654	55.36	-15.81	71.17	39.35	33.27	12.45	29.71	300	147	P	V
		5718.6	56.47	-53.94	110.41	40.06	33.58	12.53	29.7	300	147	P	V
		5722.6	55.16	-61.57	116.73	38.72	33.6	12.54	29.7	300	147	P	V
	*	5785	120.1	-	-	103.12	34.05	12.62	29.69	300	147	P	V
	*	5785	111.79	-	-	94.81	34.05	12.62	29.69	300	147	A	V
		5853.8	57.17	-56.37	113.54	39.93	34.23	12.7	29.69	300	147	P	V
		5874.2	56.97	-48.45	105.42	39.72	34.23	12.72	29.7	300	147	P	V
		5920.2	56.77	-14.97	71.74	39.51	34.22	12.77	29.73	300	147	P	V
		5940.8	56.89	-11.31	68.2	39.64	34.21	12.79	29.75	300	147	P	V
													V
													V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 165 5825MHz	*	5825	121.46	-	-	104.29	34.19	12.67	29.69	100	133	P	H	
	*	5825	114.09	-	-	96.92	34.19	12.67	29.69	100	133	A	H	
		5850	81.34	-40.86	122.2	64.11	34.23	12.69	29.69	100	133	P	H	
		5856.4	75.05	-35.36	110.41	57.81	34.23	12.7	29.69	100	133	P	H	
		5923.2	56.04	-13.49	69.53	38.78	34.22	12.78	29.74	100	133	P	H	
		5933.8	57.23	-10.97	68.2	39.97	34.21	12.79	29.74	100	133	P	H	
														H
														H
	*	5825	117.78	-	-	100.61	34.19	12.67	29.69	300	224	P	V	
	*	5825	110.85	-	-	93.68	34.19	12.67	29.69	300	224	A	V	
		5850.6	78.75	-42.08	120.83	61.51	34.23	12.7	29.69	300	224	P	V	
		5858.2	70.81	-39.09	109.9	53.57	34.23	12.7	29.69	300	224	P	V	
		5924	55.32	-13.62	68.94	38.06	34.22	12.78	29.74	300	224	P	V	
		5934.8	56.19	-12.01	68.2	38.93	34.21	12.79	29.74	300	224	P	V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 4 5725~5850MHz
WIFI 802.11be EHT20 Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 149 5745MHz		11490	56.38	-17.62	74	66.12	38.96	18	66.7	100	199	P	H
		11490	48.11	-5.89	54	57.85	38.96	18	66.7	100	199	A	H
		17235	48.42	-19.78	68.2	54.97	38.36	22.52	67.43	-	-	P	H
													H
													H
		11490	55.38	-18.62	74	65.12	38.96	18	66.7	214	244	P	V
		11490	47.2	-6.8	54	56.94	38.96	18	66.7	214	244	A	V
		17235	47.71	-20.49	68.2	54.26	38.36	22.52	67.43	-	-	P	V
													V
													V
802.11be EHT20 Full CH 157 5785MHz		11565	55.82	-18.18	74	65.55	38.88	18.05	66.66	188	205	P	H
		11565	48.37	-5.63	54	58.1	38.88	18.05	66.66	188	205	A	H
		17355	48.87	-19.33	68.2	55.27	38.81	22.63	67.84	-	-	P	H
													H
													H
		11565	56.78	-17.22	74	66.51	38.88	18.05	66.66	208	209	P	V
		11565	46.07	-7.93	54	55.8	38.88	18.05	66.66	208	209	A	V
		17355	48.63	-19.57	68.2	55.03	38.81	22.63	67.84	-	-	P	V
													V
													V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 165 5825MHz		11650	57.14	-16.86	74	67.03	38.77	18.11	66.77	211	176	P	H	
		11650	49.48	-4.52	54	59.37	38.77	18.11	66.77	211	176	A	H	
		17475	49.51	-18.69	68.2	56.18	39.19	22.73	68.59	-	-	P	H	
													H	
													H	
			11650	57.46	-16.54	74	67.35	38.77	18.11	66.77	197	169	P	V
			11650	48.96	-5.04	54	58.85	38.77	18.11	66.77	197	169	A	V
			17475	48.47	-19.73	68.2	55.14	39.19	22.73	68.59	-	-	P	V
														V
														V
Remark	<ol style="list-style-type: none"> 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 4 5725~5850MHz
WIFI 802.11be EHT40_Full (Band Edge @ 3m)

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5644	57.77	-10.43	68.2	41.8	33.25	12.44	29.72	400	246	P	H
		5651	57.47	-11.47	68.94	41.49	33.25	12.45	29.72	400	246	P	H
		5702	70.39	-35.37	105.76	54.12	33.46	12.51	29.7	400	246	P	H
		5722	75.01	-40.35	115.36	58.57	33.6	12.54	29.7	400	246	P	H
	*	5755	119.93	-	-	103.21	33.83	12.58	29.69	400	246	P	H
	*	5755	111.77	-	-	95.05	33.83	12.58	29.69	400	246	A	H
		5850	57.67	-64.53	122.2	40.44	34.23	12.69	29.69	400	246	P	H
		5860.2	58.55	-50.79	109.34	41.3	34.23	12.71	29.69	400	246	P	H
		5923	55.51	-14.16	69.67	38.25	34.22	12.78	29.74	400	246	P	H
		5937.8	57.16	-11.04	68.2	39.9	34.21	12.79	29.74	400	246	P	H
802.11be													H
EHT40 Full													H
CH 151		5628.2	57.22	-10.98	68.2	41.28	33.24	12.42	29.72	400	181	P	V
5755MHz		5683.6	66.43	-26.67	93.1	50.26	33.38	12.49	29.7	400	181	P	V
		5703.4	67.66	-38.49	106.15	51.38	33.47	12.51	29.7	400	181	P	V
		5725	73.49	-48.71	122.2	57.03	33.62	12.54	29.7	400	181	P	V
	*	5755	115.53	-	-	98.84	33.8	12.58	29.69	400	181	P	V
	*	5755	108.16	-	-	91.47	33.8	12.58	29.69	400	181	A	V
		5852.8	56.25	-59.57	115.82	39.01	34.23	12.7	29.69	400	181	P	V
		5863.6	57.54	-50.85	108.39	40.3	34.23	12.71	29.7	400	181	P	V
		5923.8	57.08	-12	69.08	39.82	34.22	12.78	29.74	400	181	P	V
		5936.8	57.14	-11.06	68.2	39.88	34.21	12.79	29.74	400	181	P	V
													V
													V



WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5634	56.57	-11.63	68.2	40.77	33.1	12.42	29.72	300	205	P	H
		5652	55.3	-14.39	69.69	39.42	33.15	12.45	29.72	300	205	P	H
		5710.8	64.78	-43.45	108.23	48.45	33.51	12.52	29.7	300	205	P	H
		5724.4	67.27	-53.56	120.83	50.82	33.61	12.54	29.7	300	205	P	H
	*	5795	117.63	-	-	100.69	34	12.63	29.69	300	205	P	H
	*	5795	109.8	-	-	92.86	34	12.63	29.69	300	205	A	H
		5851.2	79.86	-39.6	119.46	62.63	34.22	12.7	29.69	300	205	P	H
		5869.2	73.59	-33.23	106.82	56.33	34.24	12.72	29.7	300	205	P	H
		5923.8	56.24	-12.84	69.08	38.95	34.25	12.78	29.74	300	205	P	H
		5938.6	57.52	-10.68	68.2	40.25	34.23	12.79	29.75	300	205	P	H
802.11be													H
EHT40 Full													H
CH 159		5637.2	56.52	-11.68	68.2	40.71	33.1	12.43	29.72	200	250	P	V
5795MHz		5652.8	55.19	-15.09	70.28	39.29	33.16	12.45	29.71	200	250	P	V
		5712.6	68.42	-40.31	108.73	52.06	33.53	12.53	29.7	200	250	P	V
		5725	66.49	-55.71	122.2	50.04	33.61	12.54	29.7	200	250	P	V
	*	5795	116.75	-	-	99.81	34	12.63	29.69	200	250	P	V
	*	5795	108.06	-	-	91.12	34	12.63	29.69	200	250	A	V
		5851.8	76.85	-41.25	118.1	59.62	34.22	12.7	29.69	200	250	P	V
		5870.8	68.05	-38.32	106.37	50.79	34.24	12.72	29.7	200	250	P	V
		5922.2	56.05	-14.21	70.26	38.76	34.25	12.77	29.73	200	250	P	V
		5950	57.36	-10.84	68.2	40.08	34.22	12.81	29.75	200	250	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11be EHT40_Full (Harmonic @ 3m)

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 151 5755MHz		11510	54.89	-19.11	74	64.62	38.93	18	66.66	185	208	P	H
		11510	45.75	-8.25	54	55.48	38.93	18	66.66	185	208	A	H
		17265	48.75	-19.45	68.2	55.18	38.47	22.54	67.44	-	-	P	H
													H
													H
		11510	55.14	-18.86	74	64.87	38.93	18	66.66	196	126	P	V
		11510	45.32	-8.68	54	55.05	38.93	18	66.66	196	126	A	V
		17265	48.14	-20.06	68.2	54.57	38.47	22.54	67.44	-	-	P	V
													V
													V
802.11be EHT40 Full CH 159 5795MHz		11590	54.44	-19.56	74	64.25	38.84	18.07	66.72	199	208	P	H
		11590	44.59	-9.41	54	54.4	38.84	18.07	66.72	199	208	A	H
		17385	49.09	-19.11	68.2	55.67	38.9	22.65	68.13	-	-	P	H
													H
													H
		11590	54.02	-19.98	74	63.83	38.84	18.07	66.72	200	208	P	V
		11590	44.25	-9.75	54	54.06	38.84	18.07	66.72	200	208	A	V
		17385	50.52	-17.68	68.2	57.1	38.9	22.65	68.13	-	-	P	V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Band 4 5725~5850MHz
WIFI 802.11be EHT80_Full (Band Edge @ 3m)

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5646	66.31	-1.89	68.2	50.46	33.13	12.44	29.72	300	122	P	H
		5653.4	60.84	-9.89	70.73	44.94	33.16	12.45	29.71	300	122	P	H
		5718.8	70.48	-39.98	110.46	54.08	33.57	12.53	29.7	300	122	P	H
		5725	77.62	-44.58	122.2	61.17	33.61	12.54	29.7	300	122	P	H
	*	5775	114.39	-	-	97.57	33.9	12.61	29.69	300	122	P	H
	*	5775	106.06	-	-	89.24	33.9	12.61	29.69	300	122	A	H
		5852	64.49	-53.15	117.64	47.26	34.22	12.7	29.69	300	122	P	H
		5857.8	66.29	-43.72	110.01	49.05	34.23	12.7	29.69	300	122	P	H
		5924.6	56.89	-11.6	68.49	39.6	34.25	12.78	29.74	300	122	P	H
		5929	57.14	-11.06	68.2	39.86	34.24	12.78	29.74	300	122	P	H
802.11be													H
EHT80 Full													H
CH 155		5644.6	60.44	-7.76	68.2	44.6	33.12	12.44	29.72	400	178	P	V
5775MHz		5652.8	58.97	-11.31	70.28	43.07	33.16	12.45	29.71	400	178	P	V
		5705.6	68.93	-37.84	106.77	52.63	33.48	12.52	29.7	400	178	P	V
		5724.4	76.11	-44.72	120.83	59.66	33.61	12.54	29.7	400	178	P	V
	*	5775	112.63	-	-	95.81	33.9	12.61	29.69	400	178	P	V
	*	5775	104.87	-	-	88.05	33.9	12.61	29.69	400	178	A	V
		5850.2	62.47	-59.27	121.74	45.24	34.22	12.7	29.69	400	178	P	V
		5866.2	66.97	-40.69	107.66	49.72	34.24	12.71	29.7	400	178	P	V
		5924	56.38	-12.56	68.94	39.09	34.25	12.78	29.74	400	178	P	V
		5940.8	56.55	-11.65	68.2	39.28	34.23	12.79	29.75	400	178	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 4 5725~5850MHz
WIFI 802.11be EHT80_Full (Harmonic @ 3m)**

WIFI Ant. D+B+C+A	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 155 5775MHz		11550	52.4	-21.6	74	62.09	38.9	18.04	66.63	201	213	P	H	
		11550	42.88	-11.12	54	52.57	38.9	18.04	66.63	201	213	A	H	
		17325	48.92	-19.28	68.2	55.26	38.71	22.6	67.65	-	-	P	H	
													H	
													H	
													H	
			11550	51.44	-22.56	74	61.13	38.9	18.04	66.63	200	125	P	V
			11550	41.95	-12.05	54	51.64	38.9	18.04	66.63	200	125	A	V
			17325	49.37	-18.83	68.2	55.71	38.71	22.6	67.65	-		P	V
														V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Emission Above 18GHz

5GHz WIFI 802.11be EHT80 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.	
D+B+C+A		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11be EHT80 Full SHF		39971.98	57	-17	74	38.64	43.98	26.41	52.03	-	-	P	H
		39971.98	46.69	-7.31	54	28.33	43.98	26.41	52.03	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			39803.86	56.76	-17.24	74	38.06	44.03	26.26	51.59	-	-	P
		39803.86	47.06	-6.94	54	28.36	44.03	26.26	51.59	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Emission below 1GHz

5GHz WIFI 802.11be EHT80 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
D+B+C+A		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11be EHT80 Full LF		90.14	36.39	-7.11	43.5	52.54	14.61	1.7	32.46	-	-	P	H	
		171.62	33.43	-10.07	43.5	48.03	15.54	2.23	32.37	-	-	P	H	
		289.96	34.41	-11.59	46	44.8	19.1	2.95	32.44	-	-	P	H	
		307.42	34.23	-11.77	46	44.31	19.35	3.04	32.47	-	-	P	H	
		662.44	31.79	-14.21	46	33.44	26.35	4.44	32.44	-	-	P	H	
		950.53	35.25	-10.75	46	29.65	31.3	5.37	31.07	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			34.85	36.45	-3.55	40	45.4	22.46	1.04	32.45	100	20	Q	V
			71.71	33.64	-6.36	40	52	12.64	1.43	32.43	-	-	P	V
			94.02	39.03	-4.47	43.5	54.6	15.1	1.79	32.46	100	269	Q	V
			174.53	33.79	-9.71	43.5	48.57	15.35	2.25	32.38	-	-	P	V
			241.46	34.89	-11.11	46	47.12	17.58	2.66	32.47	-	-	P	V
			957.32	35.35	-10.65	46	29.59	31.35	5.41	31	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found and/or emission level has at least 6dB margin against limit or noise floor only. 													



Note symbol

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



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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
D+B+C+A		(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. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Margin (dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

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



Appendix D. Radiated Spurious Emission Plots

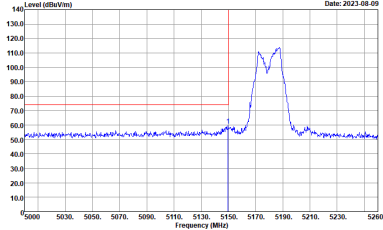
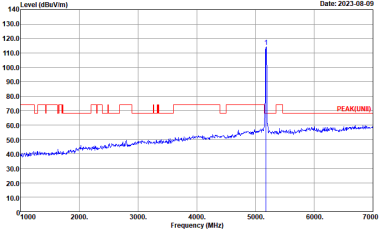
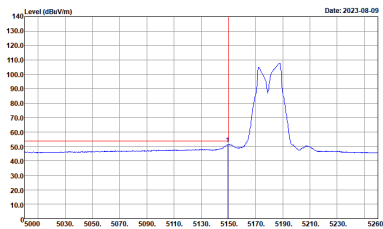
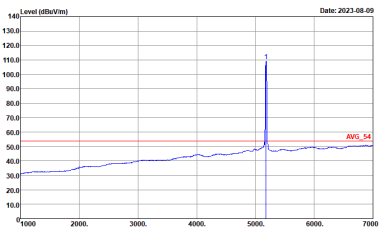
Test Engineer :	Fu Chen, Thinh Hoang and Jing Peng	Temperature :	20.1~23.6°C
		Relative Humidity :	39.6~53.2%

Note symbol

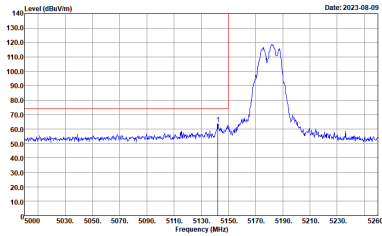
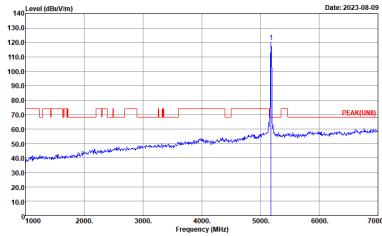
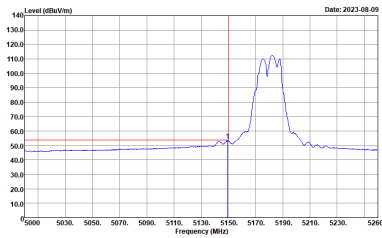
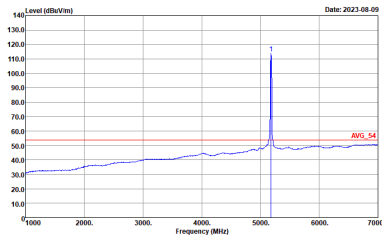
-L	Low channel location
-R	High channel location



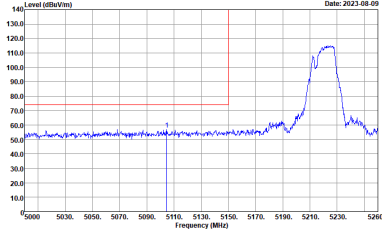
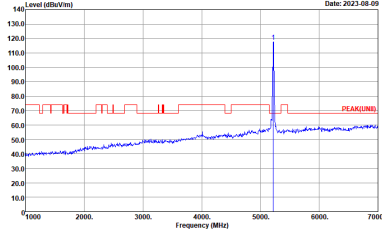
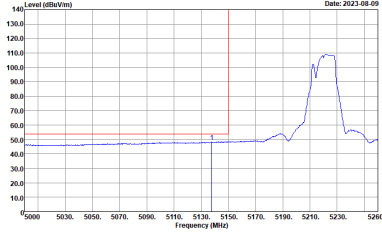
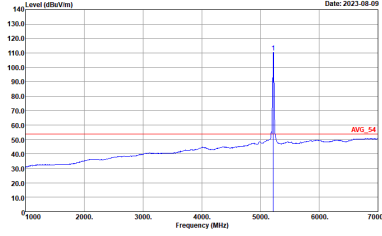
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>

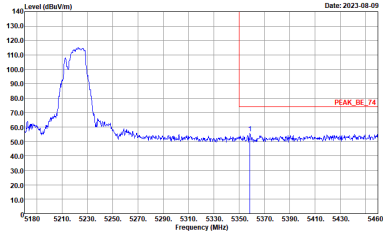
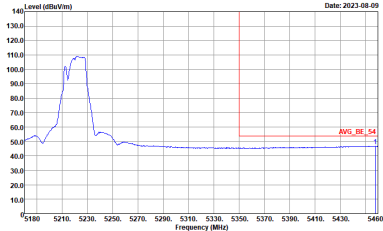


WIFI	Band 1 5150-5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK(FUNDT) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>

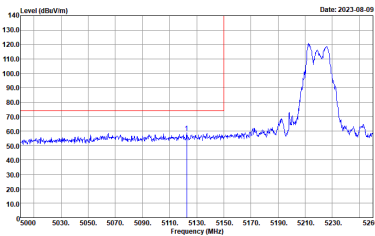
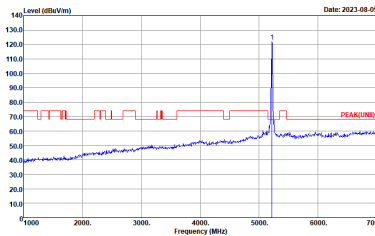
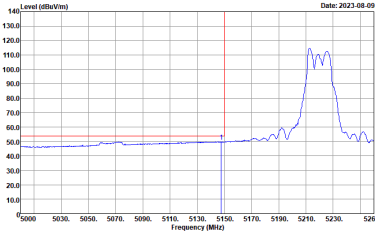
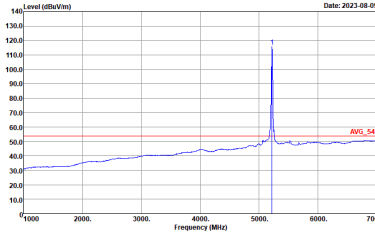


WIFI	Band 1 5150-5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5220 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5220 MHz.</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5220 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5220 MHz.</p> <p>Site : 03CH02-CA Condition : PEAK(FUNDT) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5220 MHz.</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5220 MHz.</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>

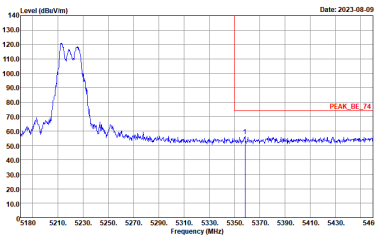
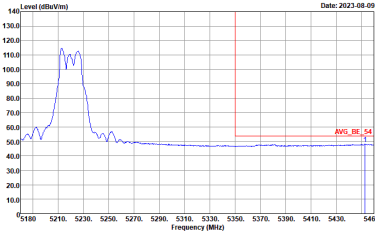


WIFI	Band 1 5150-5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
D+B+C+A	Horizontal	Fundamental
<p style="text-align: center;">Peak</p>	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>
<p style="text-align: center;">Avg.</p>	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:10000000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>

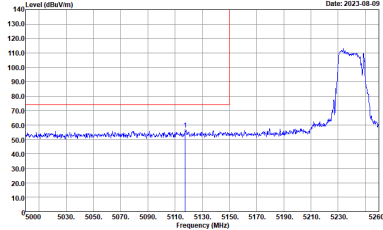
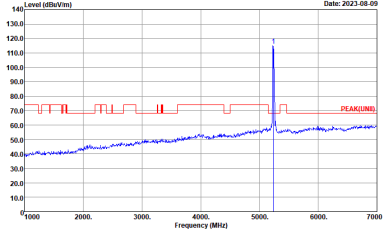
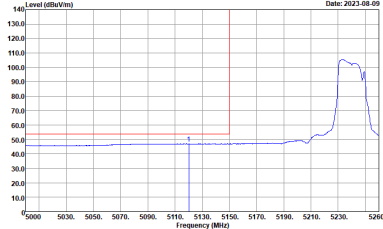
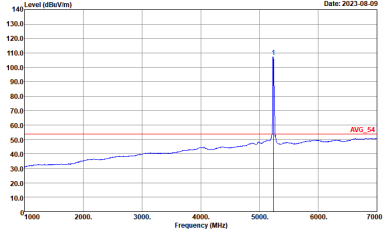


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>

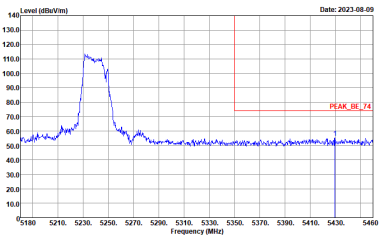
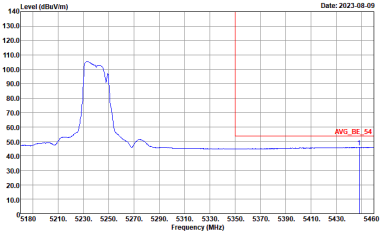


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

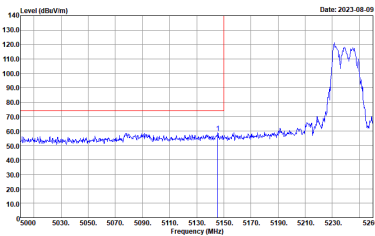
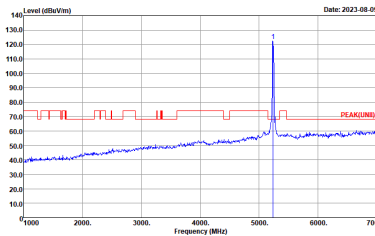
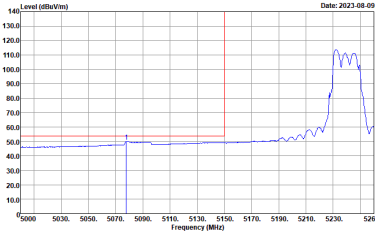
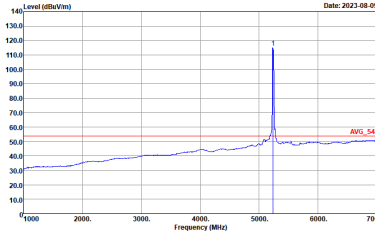


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : PEAK(FUND) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>

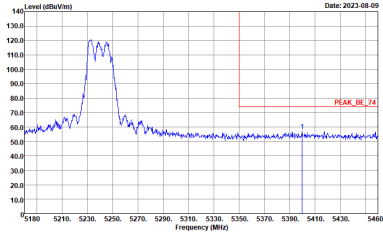
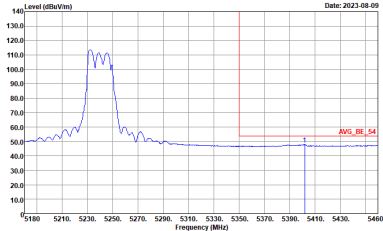


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	Left blank



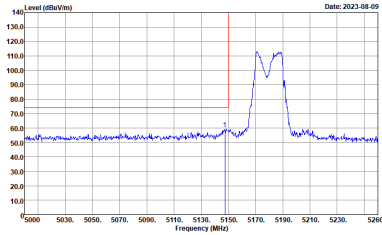
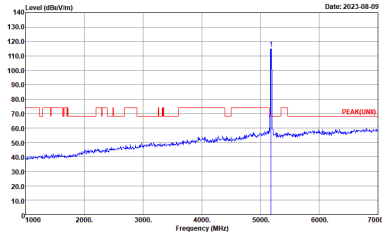
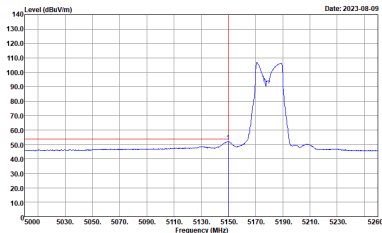
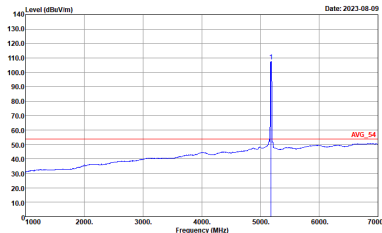
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK(FUN1) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



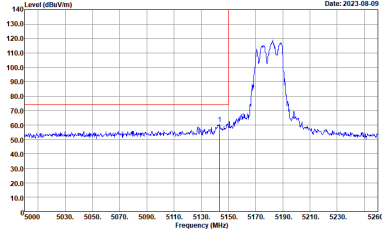
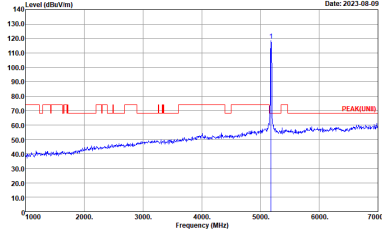
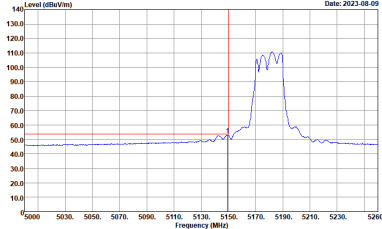
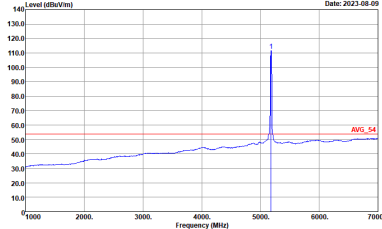
WIFI	Band 1 5150-5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	Left blank



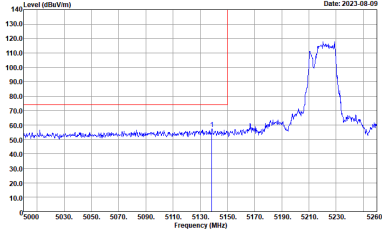
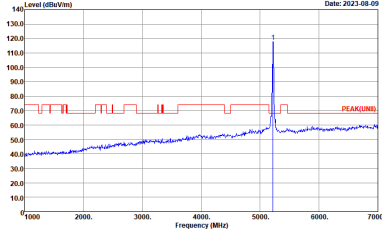
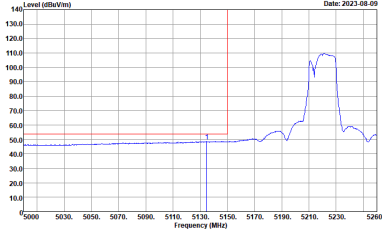
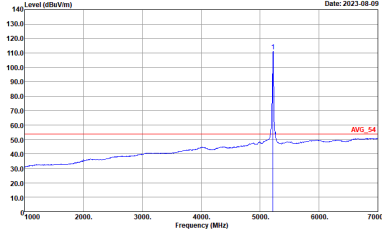
Band 1 5150~5250MHz
WIFI 802.11be EHT20 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH36 5180MHz	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:9.300KHz SWT:Auto</p>	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:9.300KHz SWT:Auto</p>

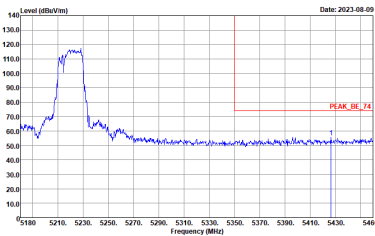
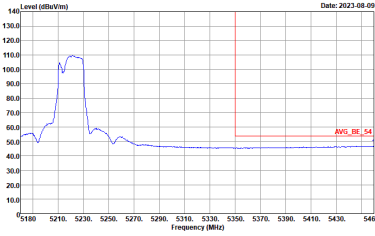


WIFI	Band 1 5150-5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH36 5180MHz	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK(FUNDT) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

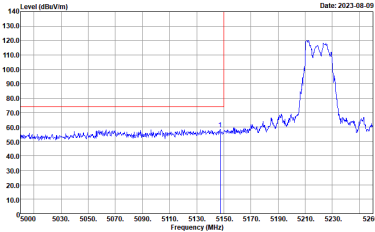
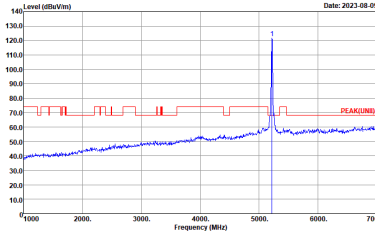
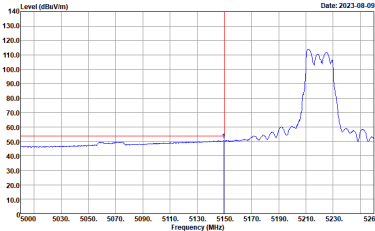
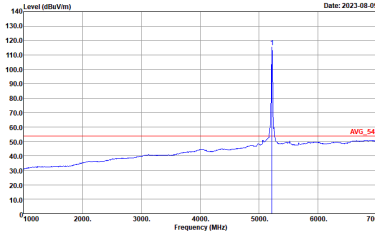


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - L	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK(FUNTI) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AV6_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AV6_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>

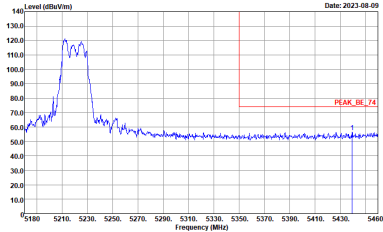
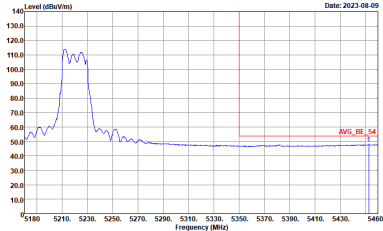


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - R	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - L	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK(FUN1) 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>

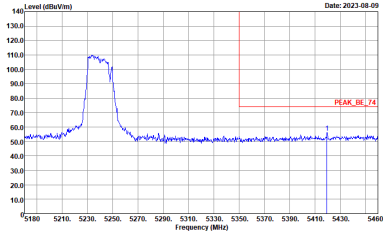
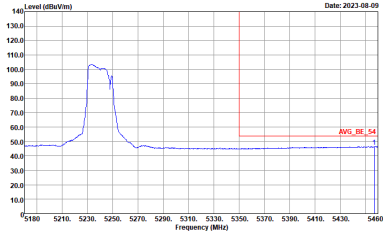


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - R	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	Left blank

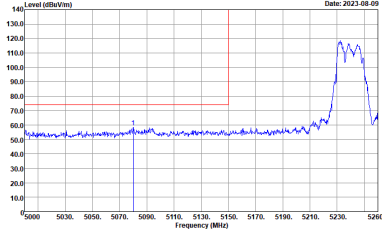
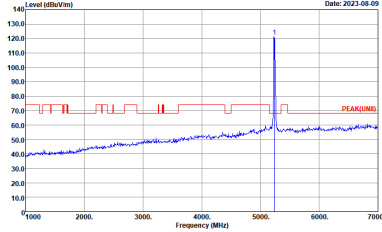
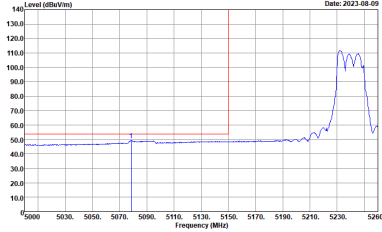
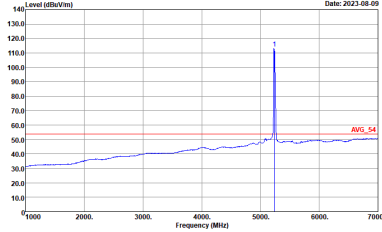


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - L	
D+B+C+A	Horizontal	Fundamental
Peak	<p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>	<p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - R	
D+B+C+A	Horizontal	Fundamental
<p style="text-align: center;">Peak</p>	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>
<p style="text-align: center;">Avg.</p>	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:10000000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>



WIFI	Band 1 5150-5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - L	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing a peak at 5240 MHz. Date: 2023-08-09.</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing a peak at 5240 MHz. Date: 2023-08-09.</p> <p>Site : 03CH02-CA Condition : PEAK(FUNDT) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing average level. Date: 2023-08-09.</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing average level. Date: 2023-08-09.</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>

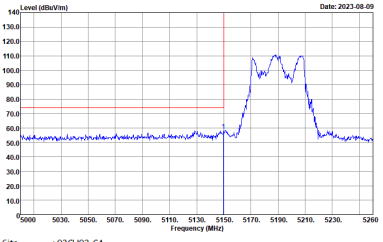
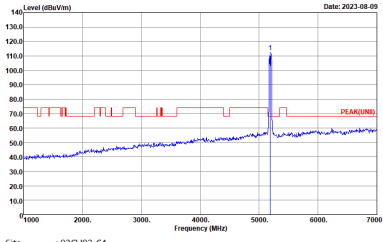
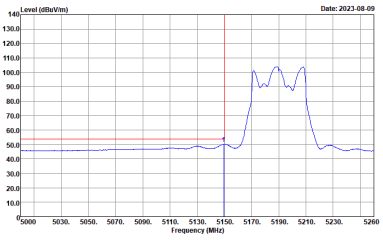
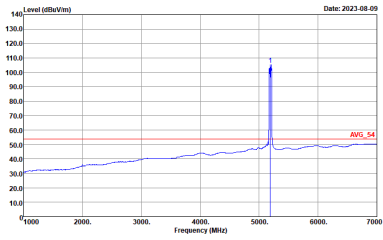


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - R	
D+B+C+A	Vertical	Fundamental
<p style="text-align: center;">Peak</p>		<p style="text-align: center;">Left blank</p>
<p style="text-align: center;">Avg.</p>		<p style="text-align: center;">Left blank</p>



Band 1 5150~5250MHz

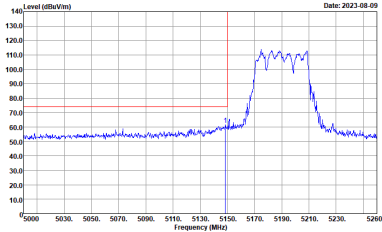
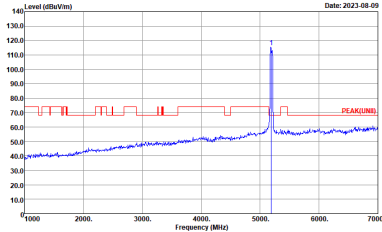
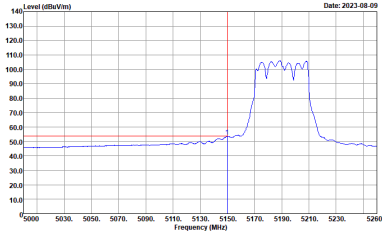
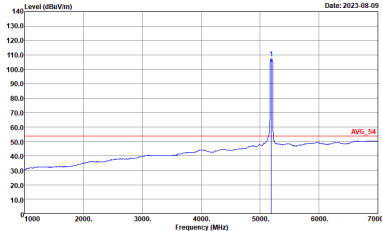
WIFI 802.11be EHT40 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH38 5190MHz - L	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : PEAK[UNIT] 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH38 5190MHz - R	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000GHz VBW:3000.000GHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000GHz VBW:0.300GHz SWT:Auto</p>	Left blank

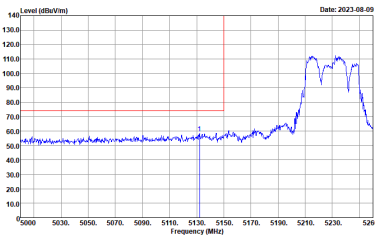
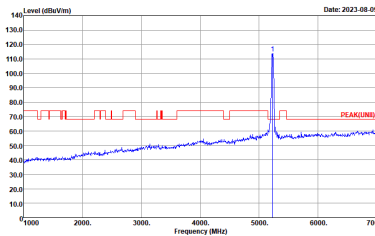
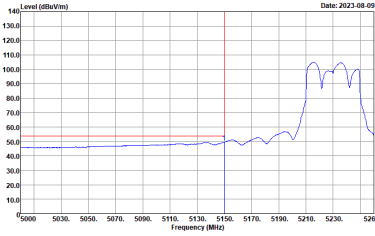
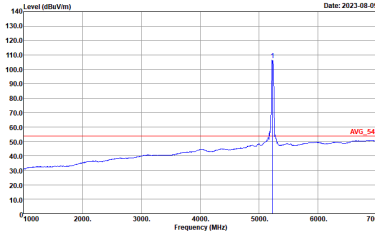


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH38 5190MHz - L	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing a peak at 5190 MHz. The y-axis ranges from 10.0 to 140.0 dBm/100MHz, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5190 MHz. The plot shows a signal level of approximately 110 dBm/100MHz at the peak.</p> <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing a peak at 5190 MHz. The y-axis ranges from 10.0 to 140.0 dBm/100MHz, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5190 MHz. The plot shows a signal level of approximately 110 dBm/100MHz at the peak.</p> <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : PEAK(FUNTI) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing the average signal level. The y-axis ranges from 10.0 to 140.0 dBm/100MHz, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5190 MHz. The plot shows a signal level of approximately 110 dBm/100MHz at the peak.</p> <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing the average signal level. The y-axis ranges from 10.0 to 140.0 dBm/100MHz, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5190 MHz. The plot shows a signal level of approximately 110 dBm/100MHz at the peak.</p> <p>Date: 2023-08-09</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH38 5190MHz - R	
D+B+C+A	Vertical	Fundamental
<p style="text-align: center;">Peak</p>		<p style="text-align: center;">Left blank</p>
<p style="text-align: center;">Avg.</p>		<p style="text-align: center;">Left blank</p>

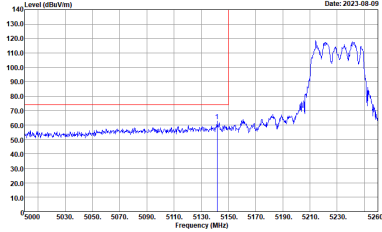
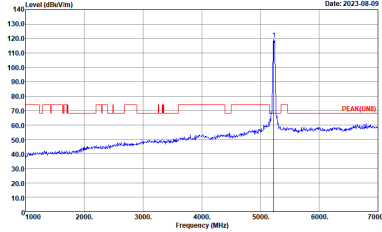
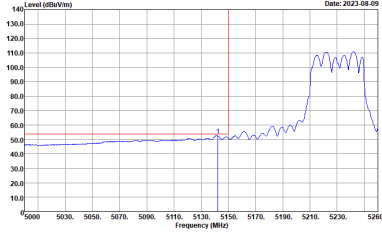
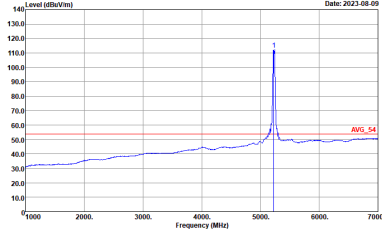


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH46 5230MHz - L	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>

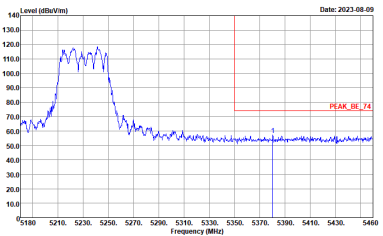
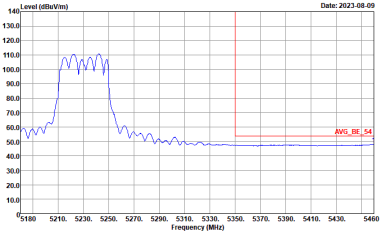


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH46 5230MHz - R	
D+B+C+A	Horizontal	Fundamental
<p style="text-align: center;">Peak</p>	<p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>
<p style="text-align: center;">Avg.</p>	<p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>



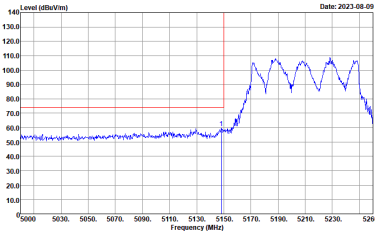
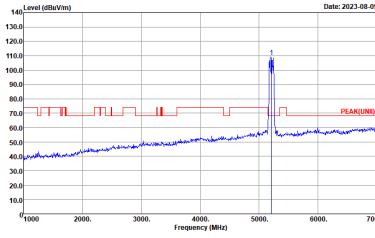
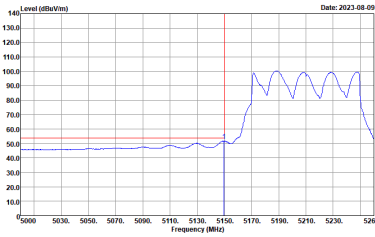
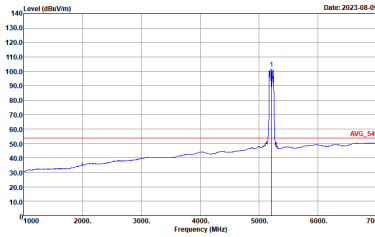
WIFI	Band 1 5150-5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH46 5230MHz - L	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5230 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5230 MHz.</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5230 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5230 MHz.</p> <p>Site : 03CH02-CA Condition : PEAK(FUNDT) 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5230 MHz.</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:3000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5230 MHz.</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



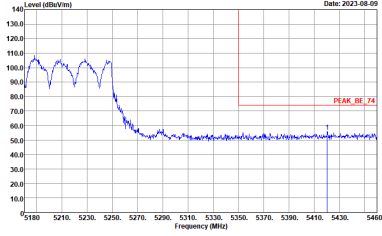
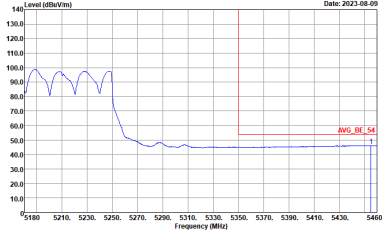
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH46 5230MHz - R	
D+B+C+A	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



Band 1 5150~5250MHz
WIFI 802.11be EHT80 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT80 Full CH42 5210MHz - L	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing a peak at 5210 MHz. The y-axis ranges from 10.0 to 140.0 dBm/100MHz, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5210 MHz.</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing a peak at 5210 MHz. The y-axis ranges from 10.0 to 140.0 dBm/100MHz, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5210 MHz.</p> <p>Site : 03CH02-CA Condition : PEAK[UNIT] 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing an average level at 5210 MHz. The y-axis ranges from 10.0 to 140.0 dBm/100MHz, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the average level at 5210 MHz.</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot showing an average level at 5210 MHz. The y-axis ranges from 10.0 to 140.0 dBm/100MHz, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the average level at 5210 MHz.</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT80 Full CH42 5210MHz - R	
D+B+C+A	Horizontal	Fundamental
<p style="text-align: center;">Peak</p>	 <p style="font-size: small;">Date: 2023-08-09 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:3000.0000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>
<p style="text-align: center;">Avg.</p>	 <p style="font-size: small;">Date: 2023-08-09 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:3000.0000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>



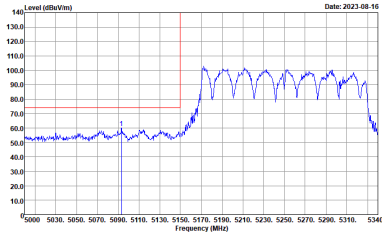
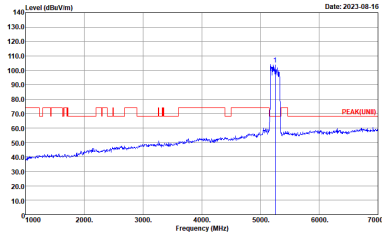
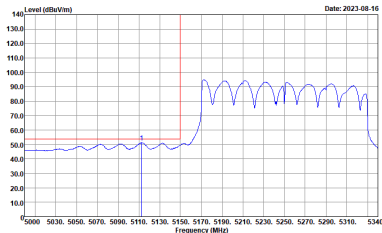
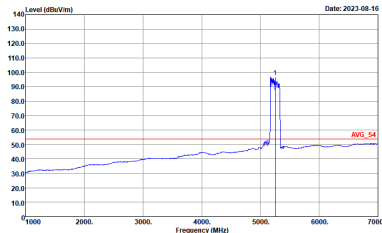
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT80 Full CH42 5210MHz - L	
D+B+C+A	Vertical	Fundamental
Peak	<p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH02-CA Condition : PEAK(FUN1) 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	<p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>



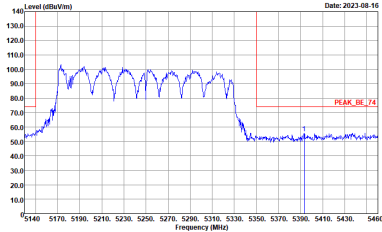
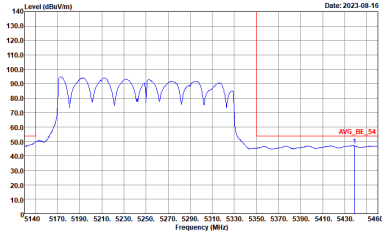
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT80 Full CH42 5210MHz - R	
D+B+C+A	Vertical	Fundamental
<p style="text-align: center;">Peak</p>	<p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>
<p style="text-align: center;">Avg.</p>	<p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>



Band 1 5150~5250MHz
WIFI 802.11be EHT160 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT160 Full CH50 5250MHz - L	
D+B+C+A	Horizontal	Fundamental
Peak	 <p>Date: 2023-08-16</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2023-08-16</p> <p>Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2023-08-16</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:9.300KHz SWT:Auto</p>	 <p>Date: 2023-08-16</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_230109 HORIZONTAL : RBW:1000.000KHz VBW:9.010KHz SWT:Auto</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT160 Full CH50 5250MHz - R	
D+B+C+A	Horizontal	Fundamental
<p style="text-align: center;">Peak</p>	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>
<p style="text-align: center;">Avg.</p>	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02140_230109 HORIZONTAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>