FCC RADIO TEST REPORT

FCC ID	:	**A4RGBDU9**
Equipment	:	**Wireless Device**
Model Name	:	**GBDU9**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Nov. 11, 2023 and testing was performed from Nov. 20, 2023 to Apr. 02, 2024. We, Sporton International Inc. Wensan Laboratory, 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 Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory
No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FR412509E	01	Initial issue of report	Apr. 19, 2024
FR412509E	02	Revise Appendix A, Appendix D and Appendix E This report is an updated version, replacing the report issued on Apr. 19, 2024.	Apr. 24, 2024
FR412509E	03	Revise Section 2.2 This report is an updated version, replacing the report issued on Apr. 24, 2024.	Apr. 26, 2024
FR412509E	04	Revise Appendix D This report is an updated version, replacing the report issued on Apr. 26, 2024.	Apr. 30, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	1.56 dB under the limit at 5725.00 MHz
3.5	15.207	AC Conducted Emission	Pass	24.62 dB under the limit at 0.15 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.

Reviewed by: Yun Huang

Report Producer: Wilda Wei

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs WCDMA/LTE, Bluetooth, BLE, BLE (CH2-76), Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, NFC, UWB and GPS. **Antenna Type** WLAN: PIFA Antenna

EUT Information List	
S/N	**Performed Test Item**
41171JEAVL0007	RF Conducted Measurement
41171JEAVL0006	Radiated Spurious Emission
41291JEAVL007H	Conducted Emission

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	-1.9
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	-1.9
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	-1.9

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, CO07-HY, 03CH23-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and and find Y plane with Adapter as worst plane.

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

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq. (MHz)
5150-5350 MHz	50@	5250
5470-5725 MHz	114@	5570

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

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

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80.

2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2022.

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

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

Modulation	Data Rate
802.11a	**6 Mbps**
802.11n HT20	**MCS0**
802.11n HT40	**MCS0**
802.11ac VHT20	**MCS0**
802.11ac VHT40	**MCS0**
802.11ac VHT80	**MCS0**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + USB Cable (Charging from AC Adapter)

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
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	-	-	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	-	-	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	-
Straddle		-	-	-

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	-

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

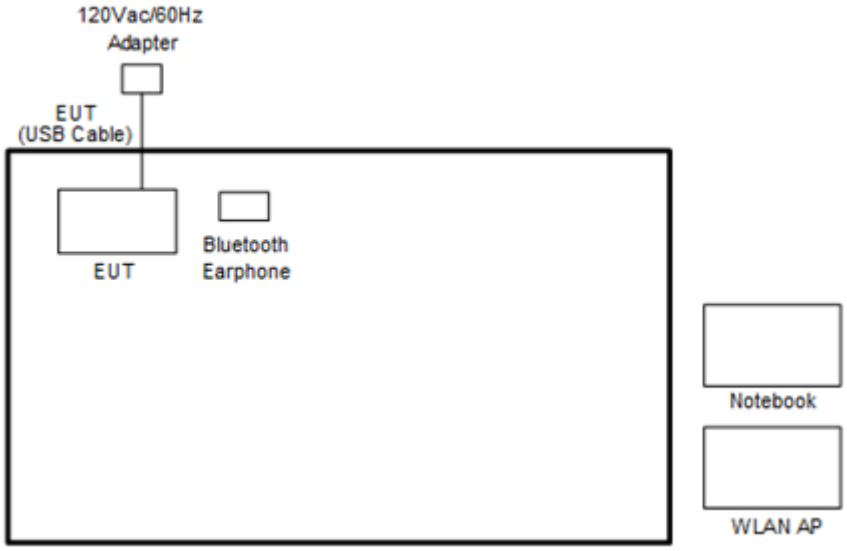
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

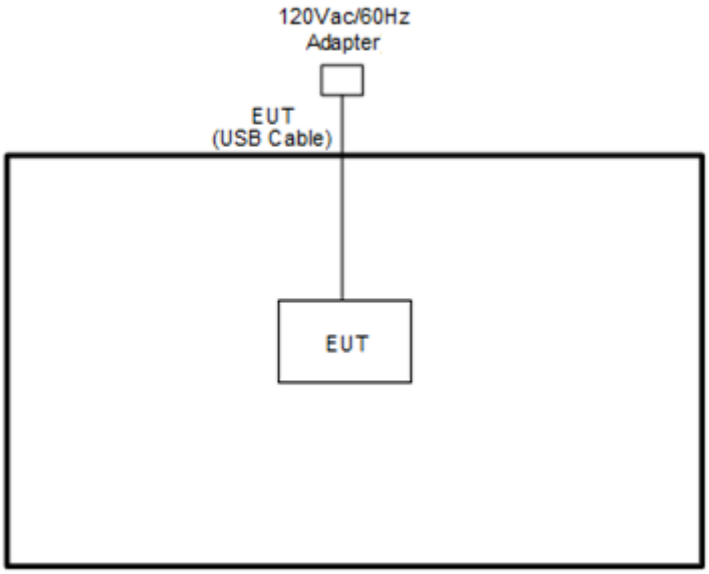
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	N/A
2.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	AC Adapter 1	Chicony	G9BR1	N/A	N/A	N/A
5.	AC Adapter 2	Aohai	G9BR1	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “adb command 1.0.36” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

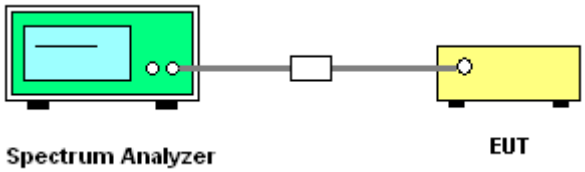
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz.

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

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

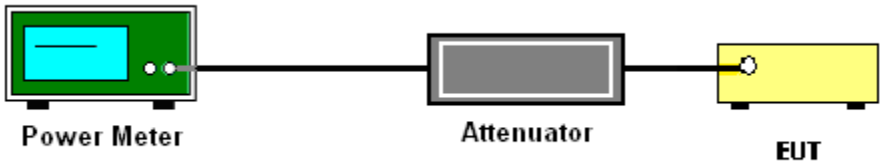
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

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

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

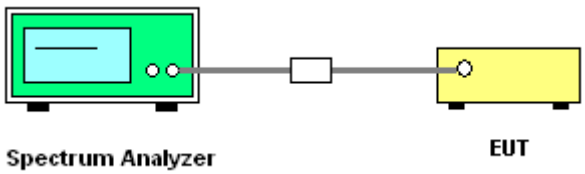
 # Method SA-2 #

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

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of –27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

(2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

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

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

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.
(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

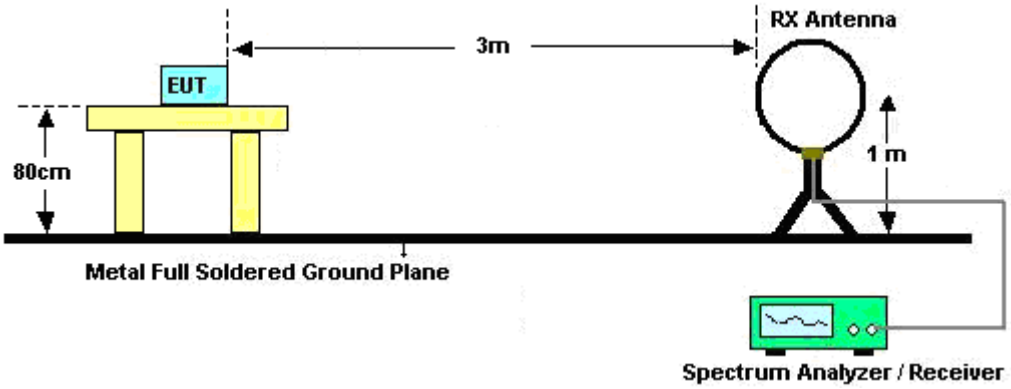
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

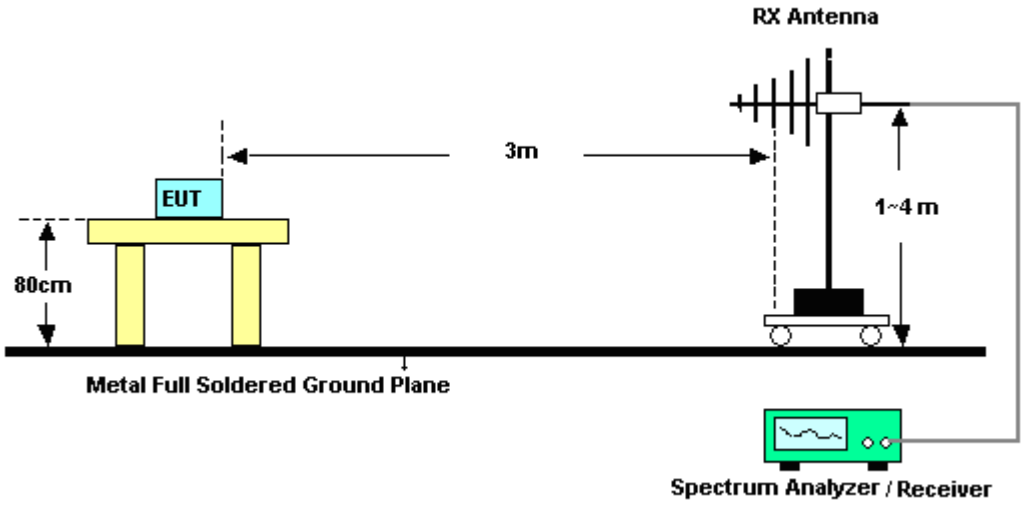
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

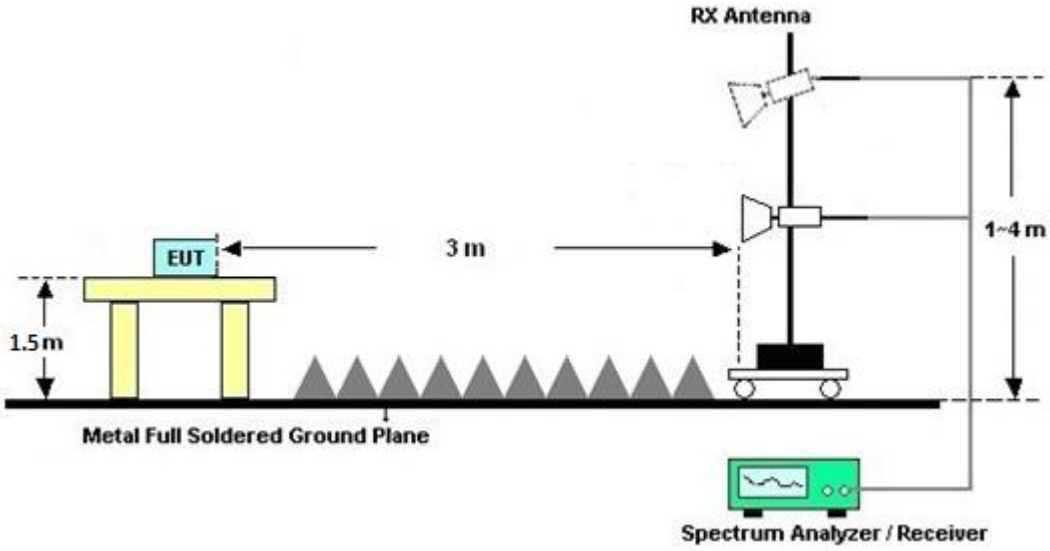
For radiated emissions below 30MHz



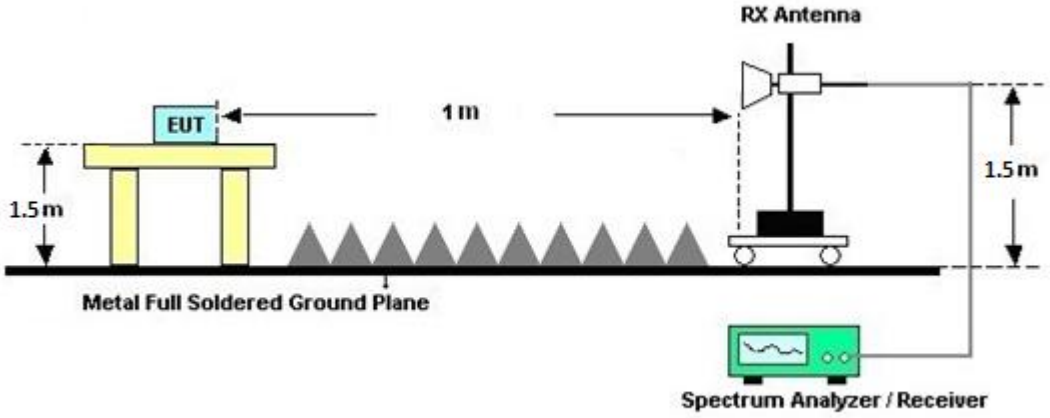
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

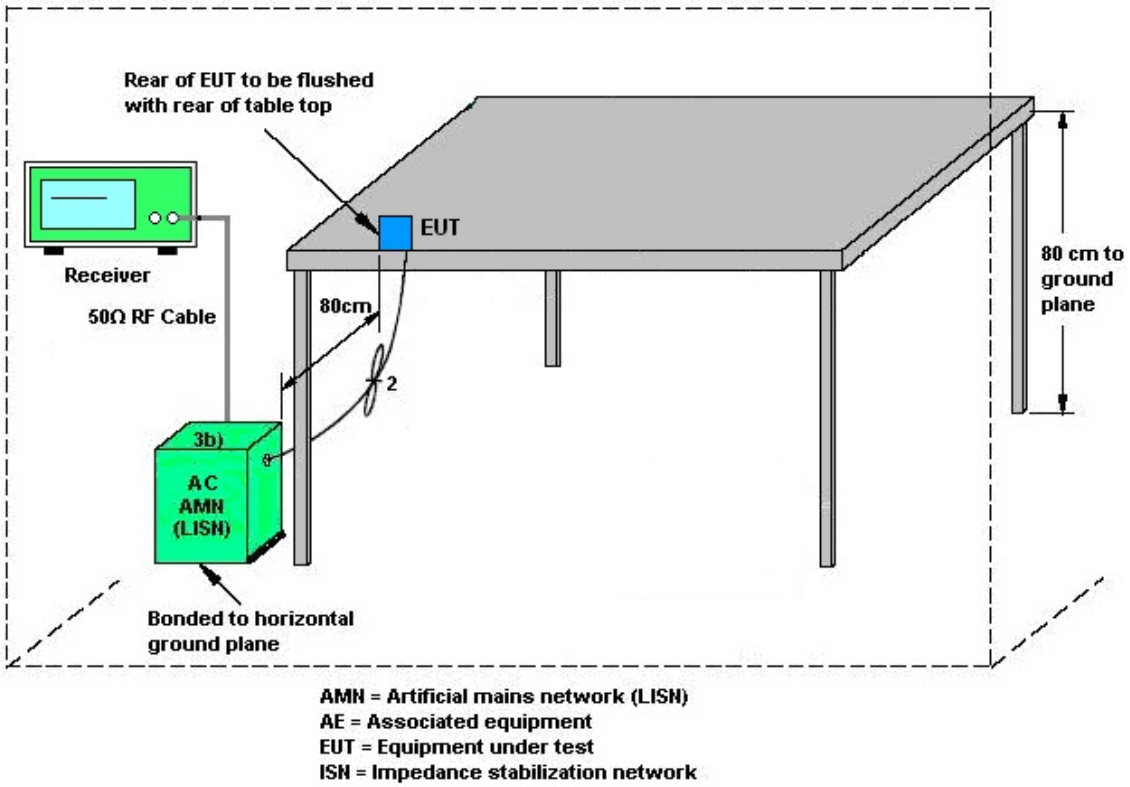
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep 12, 2023	Feb. 20, 2024~ Mar. 14, 2024	Sep 11, 2024	Radiation (03CH23-HY)
Bilog Antenna with 6dB pad	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	62028 & 003	N/A	Oct. 15, 2023	Feb. 20, 2024~ Mar. 14, 2024	Oct. 14, 2024	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	N/A	Jul. 15, 2023	Feb. 20, 2024~ Mar. 14, 2024	Jul. 14, 2024	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C05A18EN	1GHz~18GHz	Jul. 12, 2023	Feb. 20, 2024~ Mar. 14, 2024	Jul. 11, 2024	Radiation (03CH23-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1223	18GHz-40GHz	Jul. 10, 2023	Feb. 20, 2024~ Mar. 14, 2024	Jul. 09, 2024	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060878	N/A	Sep. 28, 2023	Feb. 20, 2024~ Mar. 14, 2024	Sep. 27, 2024	Radiation (03CH23-HY)
Preamplifier	EMEC	EM18G40G	060871	18-40GHz	Sep. 06, 2023	Feb. 20, 2024~ Mar. 14, 2024	Sep. 05, 2024	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY62170337	N/A	Aug. 17, 2023	Feb. 20, 2024~ Mar. 14, 2024	Aug. 16, 2024	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303B	TP211542	N/A	Oct. 30, 2023	Feb. 20, 2024~ Mar. 14, 2024	Oct. 29, 2024	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Feb. 20, 2024~ Mar. 14, 2024	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 20, 2024~ Mar. 14, 2024	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 20, 2024~ Mar. 14, 2024	N/A	Radiation (03CH23-HY)
Software	Audix	E3 6.09824_2019122	RK-002348	N/A	N/A	Feb. 20, 2024~ Mar. 14, 2024	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 07, 2023	Feb. 20, 2024~ Mar. 05, 2024	Mar. 06, 2024	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Mar. 06, 2024~ Mar. 14, 2024	Mar. 05, 2025	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804395/2	N/A	Nov. 27, 2023	Feb. 20, 2024~ Mar. 14, 2024	Nov. 26, 2024	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/231119/231122	N/A	Nov. 27, 2023	Feb. 20, 2024~ Mar. 14, 2024	Nov. 26, 2024	Radiation (03CH23-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Mar. 15, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 15, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2023	Mar. 15, 2024	Oct. 19, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Mar. 15, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	Mar. 15, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Mar. 15, 2024	Sep. 19, 2024	Conduction (CO07-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Nov. 20, 2023~ Apr. 02, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO36 (NO:35)	10MHz~6GHz	Aug. 23, 2023	Nov. 20, 2023~ Apr. 02, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	Nov. 20, 2023~ Apr. 02, 2024	Sep. 11, 2024	Conducted (TH05-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.44 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.80 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.40 dB**

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.30 dB**

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Shiming Liu and Hank Hsu	Temperature:	21~25	°C
Test Date:	2023/11/20~2024/03/19	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	17.18	-	21.60	-	-		22.35	-		
11a	6Mbps	1	44	5220	17.48	-	24.96	-	-		22.43	-		
11a	6Mbps	1	48	5240	17.43	-	24.72	-	-		22.41	-		
HT20	MCS0	1	36	5180	18.28	-	28.80	-	-		22.62	-		
HT20	MCS0	1	44	5220	18.63	-	32.24	-	-		22.70	-		
HT20	MCS0	1	48	5240	18.63	-	31.12	-	-		22.70	-		
HT40	MCS0	1	38	5190	36.96	-	43.68	-	-		23.01	-	-	
HT40	MCS0	1	46	5230	37.36	-	73.76	-	-		23.01	-		
VHT20	MCS0	1	36	5180	18.33	-	21.92	-	-		22.63	-		
VHT20	MCS0	1	44	5220	18.58	-	31.52	-	-		22.69	-		
VHT20	MCS0	1	48	5240	18.53	-	33.92	-	-		22.68	-		
VHT40	MCS0	1	38	5190	36.86	-	42.56	-	-		23.01	-		
VHT40	MCS0	1	46	5230	37.26	-	73.28	-	-		23.01	-		
VHT80	MCS0	1	42	5210	75.88	-	81.92	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	16.90	-	-	24.00	-	-1.90	-	-	Pass
11a	6Mbps	1	44	5220	17.30	-		24.00	-	-1.90	-		Pass
11a	6Mbps	1	48	5240	17.20	-		24.00	-	-1.90	-		Pass
HT20	MCS0	1	36	5180	17.30	-		24.00	-	-1.90	-		Pass
HT20	MCS0	1	44	5220	17.30	-		24.00	-	-1.90	-		Pass
HT20	MCS0	1	48	5240	17.30	-		24.00	-	-1.90	-		Pass
HT40	MCS0	1	38	5190	15.00	-		24.00	-	-1.90	-		Pass
HT40	MCS0	1	46	5230	16.40	-		24.00	-	-1.90	-		Pass
VHT20	MCS0	1	36	5180	17.30	-		24.00	-	-1.90	-		Pass
VHT20	MCS0	1	44	5220	17.20	-		24.00	-	-1.90	-		Pass
VHT20	MCS0	1	48	5240	17.20	-		24.00	-	-1.90	-		Pass
VHT40	MCS0	1	38	5190	15.10	-		24.00	-	-1.90	-		Pass
VHT40	MCS0	1	46	5230	16.40	-		24.00	-	-1.90	-		Pass
VHT80	MCS0	1	42	5210	14.70	-		24.00	-	-1.90	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.43	-	4.34	-		11.00	-	-1.90	-		Pass
11a	6Mbps	1	44	5220	0.43	-	4.71	-		11.00	-	-1.90	-		Pass
11a	6Mbps	1	48	5240	0.43	-	4.64	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	36	5180	0.46	-	4.97	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	44	5220	0.46	-	4.65	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	48	5240	0.46	-	4.69	-		11.00	-	-1.90	-		Pass
HT40	MCS0	1	38	5190	0.45	-	-0.12	-		11.00	-	-1.90	-		Pass
HT40	MCS0	1	46	5230	0.45	-	1.09	-	-	11.00	-	-1.90	-	-	Pass
VHT20	MCS0	1	36	5180	0.46	-	4.75	-		11.00	-	-1.90	-		Pass
VHT20	MCS0	1	44	5220	0.46	-	4.79	-		11.00	-	-1.90	-		Pass
VHT20	MCS0	1	48	5240	0.46	-	4.71	-		11.00	-	-1.90	-		Pass
VHT40	MCS0	1	38	5190	0.48	-	-0.09	-		11.00	-	-1.90	-		Pass
VHT40	MCS0	1	46	5230	0.48	-	1.57	-		11.00	-	-1.90	-		Pass
VHT80	MCS0	1	42	5210	0.44	-	-3.37	-		11.00	-	-1.90	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	17.43	-	26.08	-	23.41	-	29.41	-	23.98	-	-
11a	6Mbps	1	60	5300	17.58	-	30.00	-	23.45	-	29.45	-	23.98	-	
11a	6Mbps	1	64	5320	17.68	-	28.32	-	23.48	-	29.48	-	23.98	-	
HT20	MCS0	1	52	5260	18.58	-	31.84	-	23.69	-	29.69	-	23.98	-	
HT20	MCS0	1	60	5300	18.73	-	31.36	-	23.73	-	29.73	-	23.98	-	
HT20	MCS0	1	64	5320	18.63	-	29.76	-	23.70	-	29.70	-	23.98	-	
HT40	MCS0	1	54	5270	37.36	-	67.68	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	37.56	-	61.76	-	23.98	-	30.00	-	23.98	-	
VHT20	MCS0	1	52	5260	18.88	-	32.72	-	23.76	-	29.76	-	23.98	-	
VHT20	MCS0	1	60	5300	18.53	-	32.16	-	23.68	-	29.68	-	23.98	-	
VHT20	MCS0	1	64	5320	18.68	-	27.84	-	23.71	-	29.71	-	23.98	-	
VHT40	MCS0	1	54	5270	37.16	-	56.48	-	23.98	-	30.00	-	23.98	-	
VHT40	MCS0	1	62	5310	37.06	-	57.92	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.76	-	82.88	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	17.20	-	-	23.98	-	-1.90	-	30	Pass
11a	6Mbps	1	60	5300	17.20	-		23.98	-	-1.90	-	30	Pass
11a	6Mbps	1	64	5320	17.40	-		23.98	-	-1.90	-	30	Pass
HT20	MCS0	1	52	5260	17.40	-		23.98	-	-1.90	-	30	Pass
HT20	MCS0	1	60	5300	17.30	-		23.98	-	-1.90	-	30	Pass
HT20	MCS0	1	64	5320	17.40	-		23.98	-	-1.90	-	30	Pass
HT40	MCS0	1	54	5270	16.40	-		23.98	-	-1.90	-	30	Pass
HT40	MCS0	1	62	5310	16.40	-		23.98	-	-1.90	-	30	Pass
VHT20	MCS0	1	52	5260	17.20	-		23.98	-	-1.90	-	30	Pass
VHT20	MCS0	1	60	5300	17.30	-		23.98	-	-1.90	-	30	Pass
VHT20	MCS0	1	64	5320	17.40	-		23.98	-	-1.90	-	30	Pass
VHT40	MCS0	1	54	5270	16.40	-		23.98	-	-1.90	-	30	Pass
VHT40	MCS0	1	62	5310	16.40	-		23.98	-	-1.90	-	30	Pass
VHT80	MCS0	1	58	5290	15.40	-		23.98	-	-1.90	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.43	-	4.91	-	-	11.00	-	-1.90	-	-	Pass
11a	6Mbps	1	60	5300	0.43	-	5.31	-		11.00	-	-1.90	-		Pass
11a	6Mbps	1	64	5320	0.43	-	5.12	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	52	5260	0.46	-	4.68	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	60	5300	0.46	-	4.62	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	64	5320	0.46	-	4.84	-		11.00	-	-1.90	-		Pass
HT40	MCS0	1	54	5270	0.45	-	1.07	-		11.00	-	-1.90	-		Pass
HT40	MCS0	1	62	5310	0.45	-	1.09	-		11.00	-	-1.90	-		Pass
VHT20	MCS0	1	52	5260	0.46	-	4.77	-		11.00	-	-1.90	-		Pass
VHT20	MCS0	1	60	5300	0.46	-	4.85	-		11.00	-	-1.90	-		Pass
VHT20	MCS0	1	64	5320	0.46	-	4.86	-		11.00	-	-1.90	-		Pass
VHT40	MCS0	1	54	5270	0.48	-	1.80	-		11.00	-	-1.90	-		Pass
VHT40	MCS0	1	62	5310	0.48	-	1.45	-		11.00	-	-1.90	-		Pass
VHT80	MCS0	1	58	5290	0.44	-	-2.62	-		11.00	-	-1.90	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	17.63	-	29.28	-	23.46	-	29.46	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.88	-	30.72	-	23.52	-	29.52	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.23	-	21.92	-	23.36	-	29.36	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.73	-	35.68	-	23.73	-	29.73	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.58	-	35.28	-	23.69	-	29.69	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.28	-	22.24	-	23.62	-	29.62	-	23.98	-	----	----
HT40	MCS0	1	102	5510	37.26	-	74.40	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	37.16	-	72.96	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	37.36	-	76.32	-	23.98	-	30.00	-	23.98	-	----	----
VHT20	MCS0	1	100	5500	19.73	-	41.92	-	23.95	-	29.95	-	23.98	-	----	----
VHT20	MCS0	1	116	5580	18.58	-	37.68	-	23.69	-	29.69	-	23.98	-	----	----
VHT20	MCS0	1	140	5700	18.28	-	22.24	-	23.62	-	29.62	-	23.98	-	----	----
VHT40	MCS0	1	102	5510	37.36	-	77.28	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	110	5550	37.06	-	69.92	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	134	5670	37.26	-	76.00	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	75.76	-	101.12	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	75.76	-	82.88	-	23.98	-	30.00	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.69	-	16.20	-	22.36	-	28.36	-	23.10	-	3.25	-
HT20	MCS0	1	144	5720	14.29	-	17.24	-	22.55	-	28.55	-	23.37	-	3.85	-
HT40	MCS0	1	142	5710	33.58	-	47.80	-	23.98	-	30.00	-	23.98	-	3.27	-
VHT20	MCS0	1	144	5720	14.29	-	19.16	-	22.55	-	28.55	-	23.82	-	3.85	-
VHT40	MCS0	1	142	5710	33.48	-	38.84	-	23.98	-	30.00	-	23.98	-	3.27	-
VHT80	MCS0	1	138	5690	72.88	-	76.28	-	23.98	-	30.00	-	23.98	-	3.08	-

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	17.40	-		23.98	-	-1.90	-	30	Pass
11a	6Mbps	1	116	5580	17.30	-		23.98	-	-1.90	-	30	Pass
11a	6Mbps	1	140	5700	17.30	-		23.98	-	-1.90	-	30	Pass
HT20	MCS0	1	100	5500	17.40	-		23.98	-	-1.90	-	30	Pass
HT20	MCS0	1	116	5580	17.40	-		23.98	-	-1.90	-	30	Pass
HT20	MCS0	1	140	5700	17.10	-		23.98	-	-1.90	-	30	Pass
HT40	MCS0	1	102	5510	16.40	-		23.98	-	-1.90	-	30	Pass
HT40	MCS0	1	110	5550	16.40	-		23.98	-	-1.90	-	30	Pass
HT40	MCS0	1	134	5670	16.40	-	-	23.98	-	-1.90	-	30	Pass
VHT20	MCS0	1	100	5500	17.40	-		23.98	-	-1.90	-	30	Pass
VHT20	MCS0	1	116	5580	17.40	-		23.98	-	-1.90	-	30	Pass
VHT20	MCS0	1	140	5700	17.10	-		23.98	-	-1.90	-	30	Pass
VHT40	MCS0	1	102	5510	16.40	-		23.98	-	-1.90	-	30	Pass
VHT40	MCS0	1	110	5550	16.40	-		23.98	-	-1.90	-	30	Pass
VHT40	MCS0	1	134	5670	16.30	-		23.98	-	-1.90	-	30	Pass
VHT80	MCS0	1	106	5530	15.10	-		23.98	-	-1.90	-	30	Pass
VHT80	MCS0	1	122	5610	15.40	-		23.98	-	-1.90	-	30	Pass

FCC U-NII-2C straddle channel single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	17.40	-		23.10	-	-1.90	-	30	Pass
HT20	MCS0	1	144	5720	17.40	-		23.37	-	-1.90	-	30	Pass
HT40	MCS0	1	142	5710	16.40	-	-	23.98	-	-1.90	-	30	Pass
VHT20	MCS0	1	144	5720	17.40	-		23.82	-	-1.90	-	30	Pass
VHT40	MCS0	1	142	5710	16.40	-		23.98	-	-1.90	-	30	Pass
VHT80	MCS0	1	138	5690	15.10	-		23.98	-	-1.90	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.43	-	5.09	-		11.00	-	-1.90	-		Pass
11a	6Mbps	1	116	5580	0.43	-	4.64	-		11.00	-	-1.90	-		Pass
11a	6Mbps	1	140	5700	0.43	-	4.97	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	100	5500	0.46	-	4.90	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	116	5580	0.46	-	4.46	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	140	5700	0.46	-	4.34	-		11.00	-	-1.90	-		Pass
HT40	MCS0	1	102	5510	0.45	-	1.32	-		11.00	-	-1.90	-		Pass
HT40	MCS0	1	110	5550	0.45	-	1.33	-		11.00	-	-1.90	-		Pass
HT40	MCS0	1	134	5670	0.45	-	1.47	-	-	11.00	-	-1.90	-	-	Pass
VHT20	MCS0	1	100	5500	0.46	-	5.04	-		11.00	-	-1.90	-		Pass
VHT20	MCS0	1	116	5580	0.46	-	4.68	-		11.00	-	-1.90	-		Pass
VHT20	MCS0	1	140	5700	0.46	-	4.51	-		11.00	-	-1.90	-		Pass
VHT40	MCS0	1	102	5510	0.48	-	1.42	-		11.00	-	-1.90	-		Pass
VHT40	MCS0	1	110	5550	0.48	-	1.45	-		11.00	-	-1.90	-		Pass
VHT40	MCS0	1	134	5670	0.48	-	1.69	-		11.00	-	-1.90	-		Pass
VHT80	MCS0	1	106	5530	0.44	-	-2.83	-		11.00	-	-1.90	-		Pass
VHT80	MCS0	1	122	5610	0.44	-	-2.68	-		11.00	-	-1.90	-		Pass

U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	0.43	-	4.96	-		11.00	-	-1.90	-		Pass
HT20	MCS0	1	144	5720	0.46	-	4.71	-		11.00	-	-1.90	-		Pass
HT40	MCS0	1	142	5710	0.45	-	1.74	-	-	11.00	-	-1.90	-	-	Pass
VHT20	MCS0	1	144	5720	0.46	-	4.95	-		11.00	-	-1.90	-		Pass
VHT40	MCS0	1	142	5710	0.48	-	1.89	-		11.00	-	-1.90	-		Pass
VHT80	MCS0	1	138	5690	0.44	-	-2.55	-		11.00	-	-1.90	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	19.18	-	21.92	-	-		22.83	-	-	-
HE20	MCS0	1	44	5220	Full	19.38	-	25.60	-	-		22.87	-		
HE20	MCS0	1	48	5240	Full	19.38	-	28.88	-	-		22.87	-		
HE40	MCS0	1	38	5190	Full	37.86	-	41.92	-	-		23.01	-		
HE40	MCS0	1	46	5230	Full	37.96	-	58.40	-	-		23.01	-		
HE80	MCS0	1	42	5210	Full	77.08	-	81.92	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	17.10	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	36	5180	26/0	7.50	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	36	5180	52/37	9.80	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	36	5180	106/53	13.30	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	44	5220	Full	17.30	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	44	5220	26/4	9.40	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	44	5220	52/38	11.10	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	44	5220	106/53	14.00	-	-	24.00	-	-1.90	-	-	Pass
HE20	MCS0	1	48	5240	Full	17.30	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	48	5240	26/8	8.20	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	48	5240	52/40	10.90	-		24.00	-	-1.90	-		Pass
HE20	MCS0	1	48	5240	106/54	13.90	-		24.00	-	-1.90	-		Pass
HE40	MCS0	1	38	5190	Full	14.80	-		24.00	-	-1.90	-		Pass
HE40	MCS0	1	46	5230	Full	16.40	-		24.00	-	-1.90	-		Pass
HE80	MCS0	1	42	5210	Full	14.90	-		24.00	-	-1.90	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	0.59	-	4.54	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	36	5180	26/0	0.25	-	4.21	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	36	5180	52/37	0.27	-	4.11	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	36	5180	106/53	0.32	-	4.33	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	44	5220	Full	0.59	-	4.41	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	44	5220	26/4	0.25	-	4.17	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	44	5220	52/38	0.27	-	4.21	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	44	5220	106/53	0.32	-	3.91	-	-	11.00	-	-1.90	-	-	Pass
HE20	MCS0	1	48	5240	Full	0.59	-	4.28	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	48	5240	26/8	0.25	-	4.10	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	48	5240	52/40	0.27	-	3.91	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	48	5240	106/54	0.32	-	3.88	-		11.00	-	-1.90	-		Pass
HE40	MCS0	1	38	5190	Full	0.60	-	-0.80	-		11.00	-	-1.90	-		Pass
HE40	MCS0	1	46	5230	Full	0.60	-	1.23	-		11.00	-	-1.90	-		Pass
HE80	MCS0	1	42	5210	Full	0.52	-	-3.64	-		11.00	-	-1.90	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	19.28	-	28.88	-	23.85	-	29.85	-	23.98	-	
HE20	MCS0	1	60	5300	Full	19.33	-	33.12	-	23.86	-	29.86	-	23.98	-	
HE20	MCS0	1	64	5320	Full	19.43	-	26.16	-	23.88	-	29.88	-	23.98	-	
HE40	MCS0	1	54	5270	Full	38.06	-	44.96	-	23.98	-	30.00	-	23.98	-	
HE40	MCS0	1	62	5310	Full	37.96	-	42.56	-	23.98	-	30.00	-	23.98	-	
HE80	MCS0	1	58	5290	Full	77.20	-	82.56	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	17.20	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	52	5260	26/0	7.90	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	52	5260	52/37	11.00	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	52	5260	106/53	14.10	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	60	5300	Full	17.20	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	60	5300	26/4	9.40	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	60	5300	52/38	11.40	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	60	5300	106/53	13.60	-	-	23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	64	5320	Full	17.40	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	64	5320	26/8	8.00	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	64	5320	52/40	10.70	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	64	5320	106/54	13.60	-		23.98	-	-1.90	-	30	Pass
HE40	MCS0	1	54	5270	Full	16.40	-		23.98	-	-1.90	-	30	Pass
HE40	MCS0	1	62	5310	Full	15.90	-		23.98	-	-1.90	-	30	Pass
HE80	MCS0	1	58	5290	Full	15.50	-		23.98	-	-1.90	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	0.59	-	4.51	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	52	5260	26/0	0.25	-	4.07	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	52	5260	52/37	0.27	-	4.27	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	52	5260	106/53	0.32	-	4.36	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	60	5300	Full	0.59	-	4.51	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	60	5300	26/4	0.25	-	4.47	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	60	5300	52/38	0.27	-	4.33	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	60	5300	106/53	0.32	-	3.98	-	-	11.00	-	-1.90	-	-	Pass
HE20	MCS0	1	64	5320	Full	0.59	-	4.51	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	64	5320	26/8	0.25	-	4.07	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	64	5320	52/40	0.27	-	4.03	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	64	5320	106/54	0.32	-	4.30	-		11.00	-	-1.90	-		Pass
HE40	MCS0	1	54	5270	Full	0.60	-	1.23	-		11.00	-	-1.90	-		Pass
HE40	MCS0	1	62	5310	Full	0.60	-	0.29	-		11.00	-	-1.90	-		Pass
HE80	MCS0	1	58	5290	Full	0.52	-	-2.58	-		11.00	-	-1.90	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	100	5500	Full	19.48	-	39.36	-	23.90	-	29.90	-	23.98	-	----	----
HE20	MCS0	1	116	5580	Full	19.33	-	33.84	-	23.86	-	29.86	-	23.98	-	----	----
HE20	MCS0	1	140	5700	Full	19.28	-	21.92	-	23.85	-	29.85	-	23.98	-	----	----
HE40	MCS0	1	102	5510	Full	38.06	-	41.76	-	23.98	-	30.00	-	23.98	-	----	----
HE40	MCS0	1	110	5550	Full	38.06	-	52.64	-	23.98	-	30.00	-	23.98	-	----	----
HE40	MCS0	1	134	5670	Full	37.96	-	42.56	-	23.98	-	30.00	-	23.98	-	----	----
HE80	MCS0	1	106	5530	Full	77.20	-	82.88	-	23.98	-	30.00	-	23.98	-	----	----
HE80	MCS0	1	122	5610	Full	77.08	-	82.24	-	23.98	-	30.00	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	144	5720	Full	14.64	-	15.96	-	22.66	-	28.66	-	23.03	-	4.55	-
HE40	MCS0	1	142	5710	Full	33.98	-	35.48	-	23.98	-	30.00	-	23.98	-	3.99	-
HE80	MCS0	1	138	5690	Full	73.48	-	75.96	-	23.98	-	30.00	-	23.98	-	4.04	-

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	17.40	-	-	23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	100	5500	26/0	8.30	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	100	5500	52/37	11.60	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	100	5500	106/53	14.10	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	116	5580	Full	17.40	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	116	5580	26/4	9.10	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	116	5580	52/38	10.80	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	116	5580	106/53	14.10	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	140	5700	Full	15.90	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	140	5700	26/8	6.60	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	140	5700	52/40	9.30	-		23.98	-	-1.90	-	30	Pass
HE20	MCS0	1	140	5700	106/54	12.10	-		23.98	-	-1.90	-	30	Pass
HE40	MCS0	1	102	5510	Full	16.30	-		23.98	-	-1.90	-	30	Pass
HE40	MCS0	1	110	5550	Full	16.40	-		23.98	-	-1.90	-	30	Pass
HE40	MCS0	1	134	5670	Full	16.20	-		23.98	-	-1.90	-	30	Pass
HE80	MCS0	1	106	5530	Full	15.30	-		23.98	-	-1.90	-	30	Pass
HE80	MCS0	1	122	5610	Full	15.40	-		23.98	-	-1.90	-	30	Pass

FCC U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	17.10	-	-	23.03	-	-1.90	-	30	Pass
HE20	MCS0	1	144	5720	26/8	8.10	-		23.03	-	-1.90	-	30	Pass
HE20	MCS0	1	144	5720	52/40	10.90	-		23.03	-	-1.90	-	30	Pass
HE20	MCS0	1	144	5720	106/54	13.60	-		23.03	-	-1.90	-	30	Pass
HE40	MCS0	1	142	5710	Full	16.40	-		23.98	-	-1.90	-	30	Pass
HE80	MCS0	1	138	5690	Full	15.10	-		23.98	-	-1.90	-	30	Pass

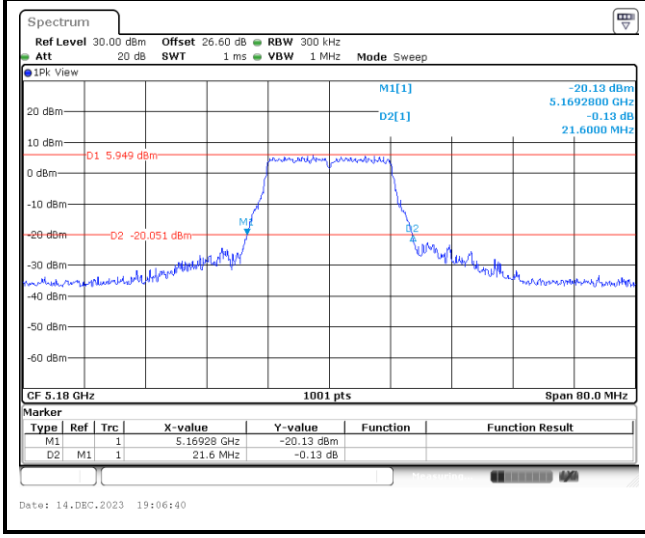
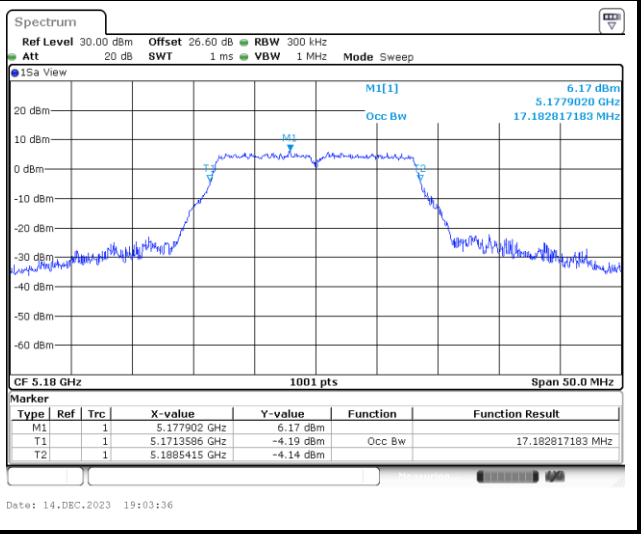
TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	0.59	-	4.94	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	100	5500	26/0	0.25	-	4.54	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	100	5500	52/37	0.27	-	4.78	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	100	5500	106/53	0.32	-	4.51	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	116	5580	Full	0.59	-	4.23	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	116	5580	26/4	0.25	-	3.87	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	116	5580	52/38	0.27	-	4.07	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	116	5580	106/53	0.32	-	4.17	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	140	5700	Full	0.59	-	3.40	-	-	11.00	-	-1.90	-	-	Pass
HE20	MCS0	1	140	5700	26/8	0.25	-	3.22	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	140	5700	52/40	0.27	-	3.17	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	140	5700	106/54	0.32	-	3.04	-		11.00	-	-1.90	-		Pass
HE40	MCS0	1	102	5510	Full	0.60	-	0.63	-		11.00	-	-1.90	-		Pass
HE40	MCS0	1	110	5550	Full	0.60	-	1.07	-		11.00	-	-1.90	-		Pass
HE40	MCS0	1	134	5670	Full	0.60	-	1.29	-		11.00	-	-1.90	-		Pass
HE80	MCS0	1	106	5530	Full	0.52	-	-2.95	-		11.00	-	-1.90	-		Pass
HE80	MCS0	1	122	5610	Full	0.52	-	-2.97	-		11.00	-	-1.90	-		Pass

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	0.59	-	3.97	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	144	5720	26/8	0.25	-	3.88	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	144	5720	52/40	0.27	-	3.94	-		11.00	-	-1.90	-		Pass
HE20	MCS0	1	144	5720	106/54	0.32	-	3.75	-	-	11.00	-	-1.90	-	-	Pass
HE40	MCS0	1	142	5710	Full	0.60	-	0.34	-		11.00	-	-1.90	-		Pass
HE80	MCS0	1	138	5690	Full	0.52	-	-3.86	-		11.00	-	-1.90	-		Pass

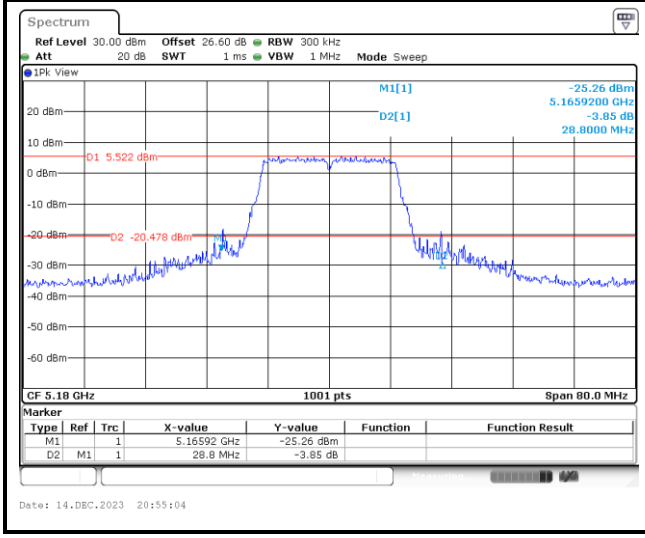
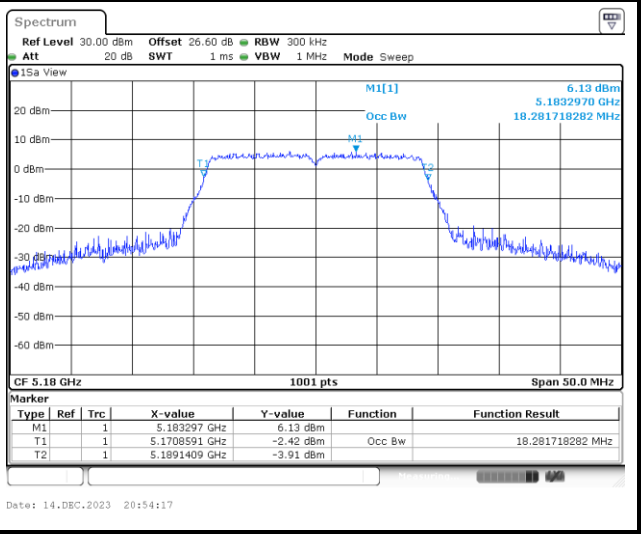
Test Result of 26dB & 99% Occupied Bandwidth

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

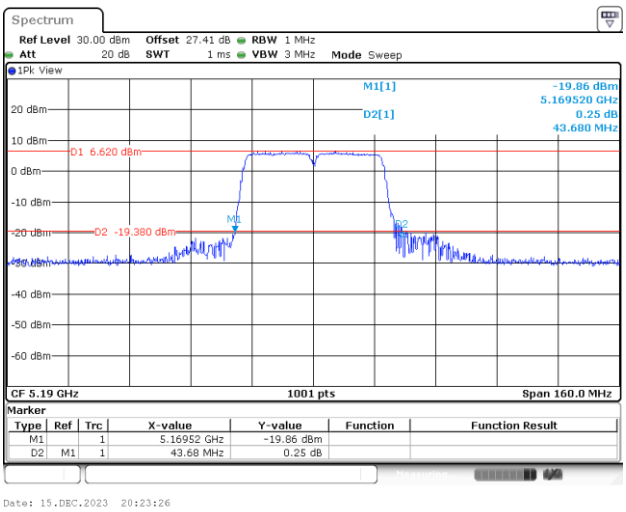
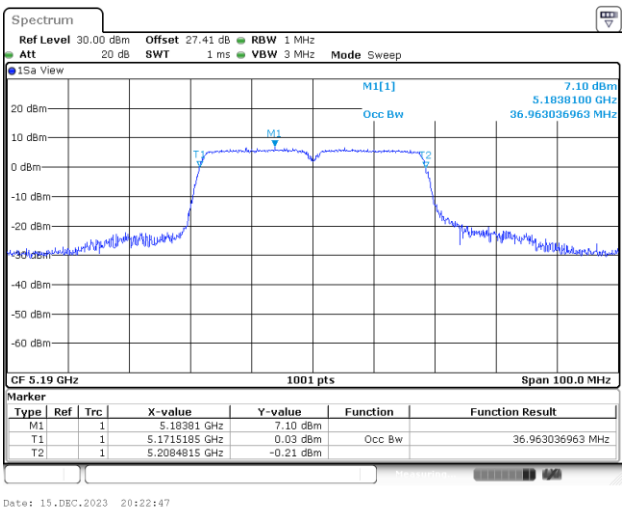
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

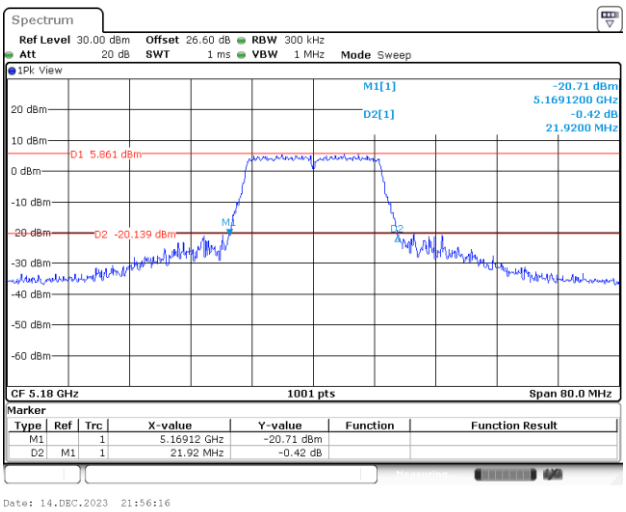
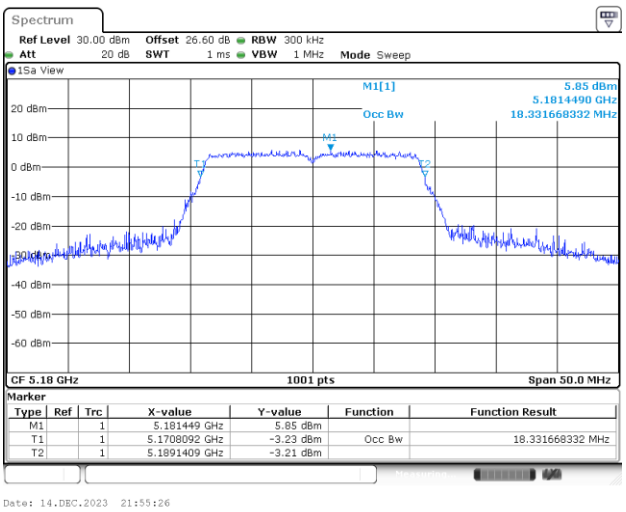
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

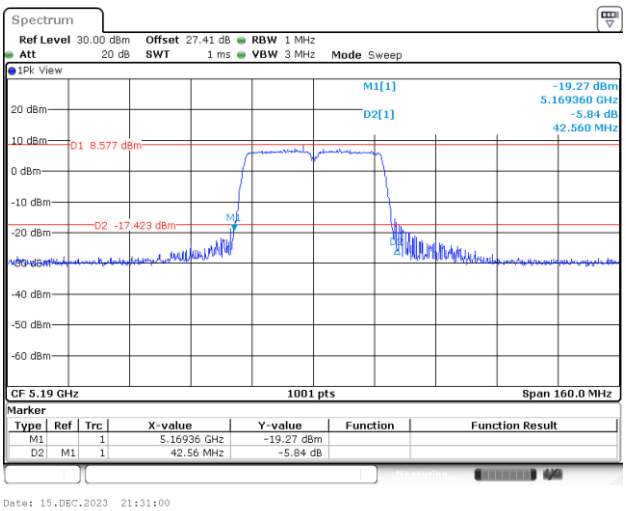
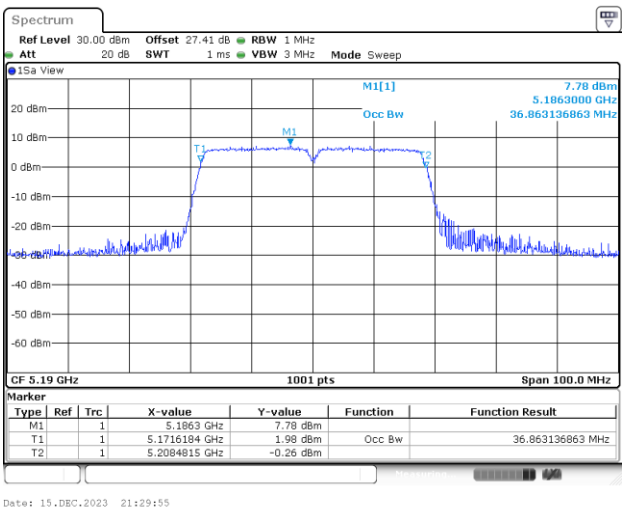
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

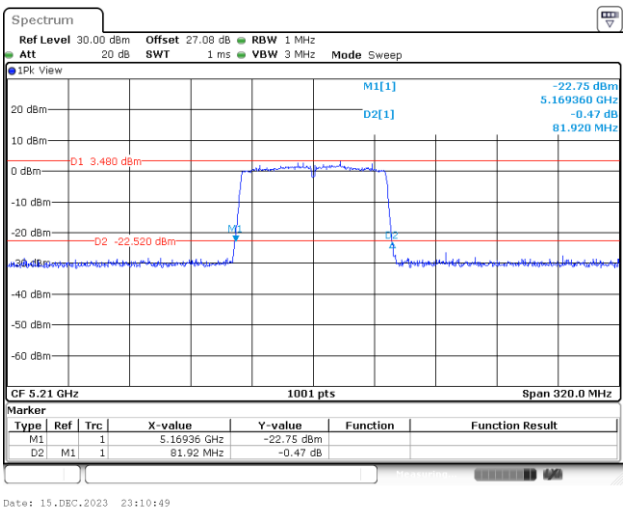
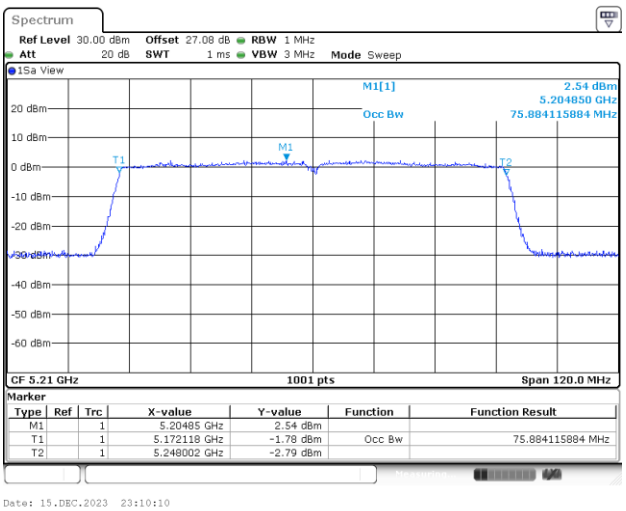
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

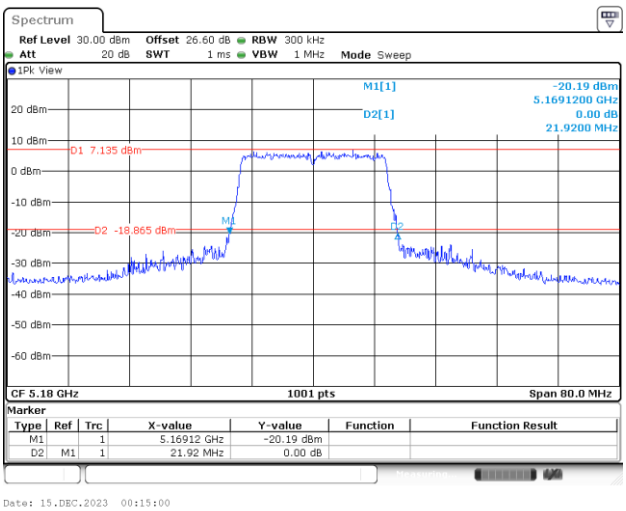
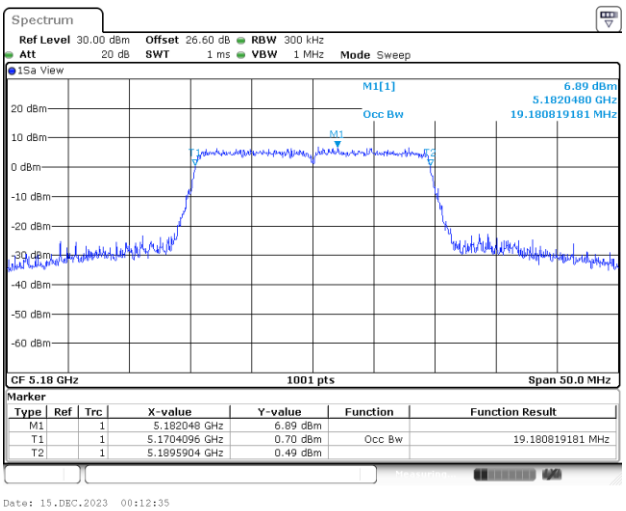
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

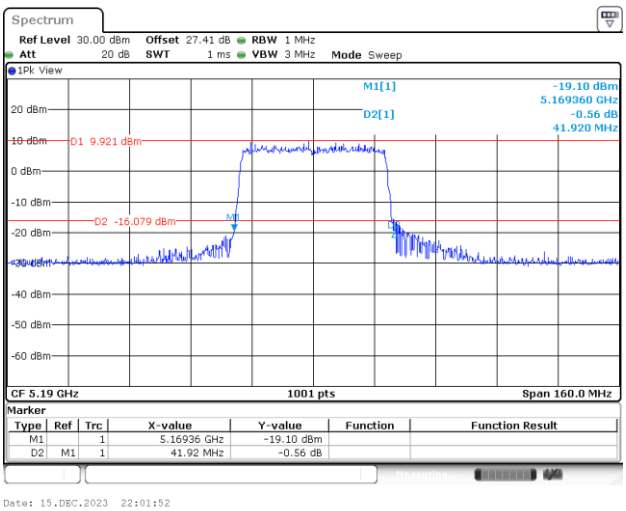
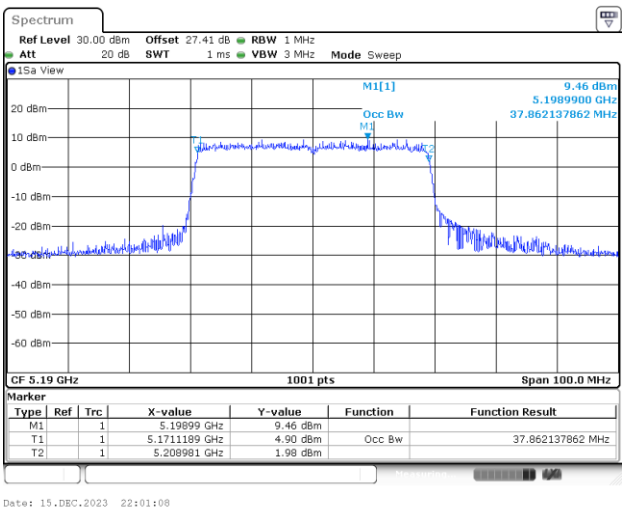
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

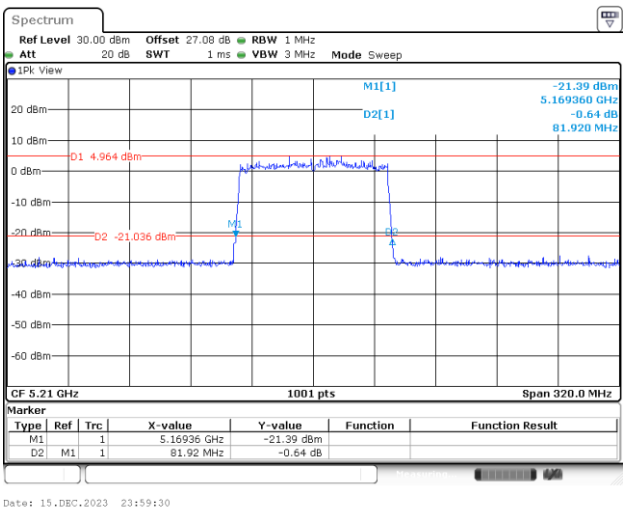
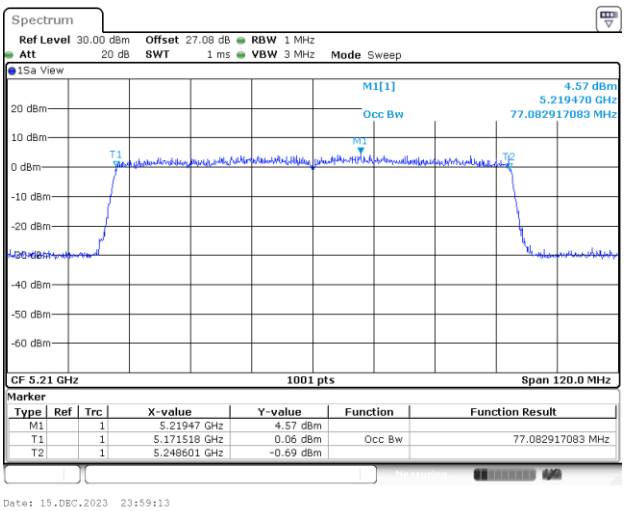
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11ax HE80>

26dB Bandwidth	99% Occupied Bandwidth
	

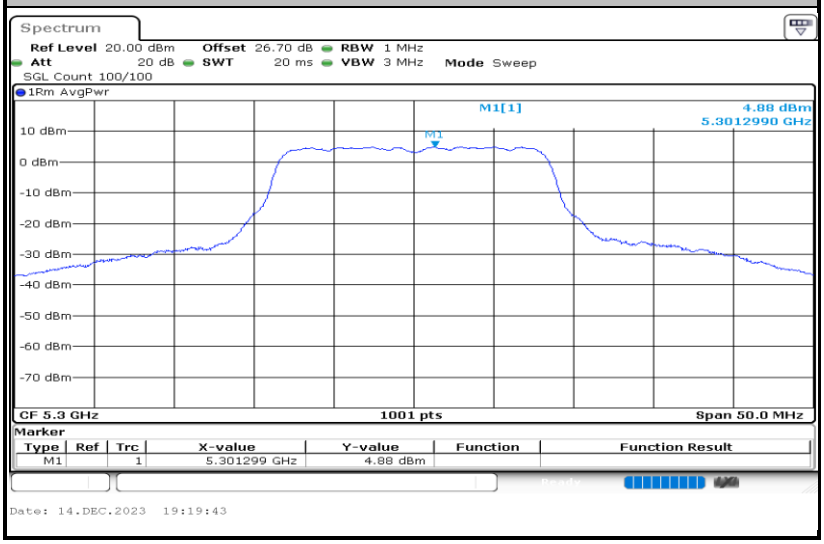
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

<Ant1>

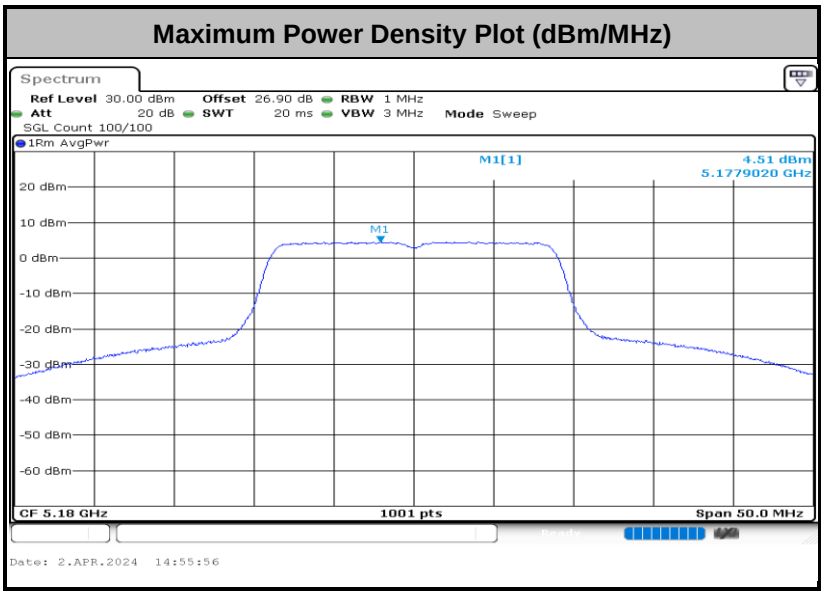
<802.11a>

Maximum Power Density Plot (dBm/MHz)

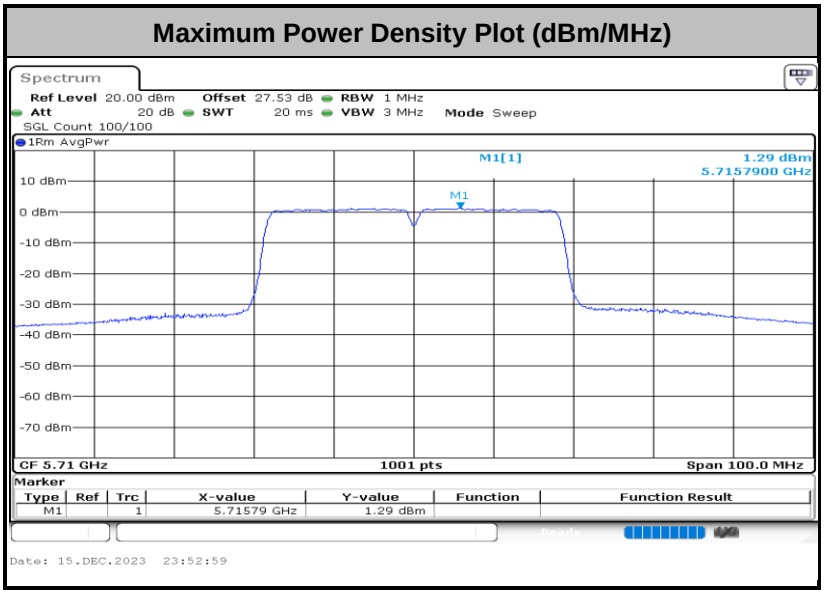


<802.11n HT20>

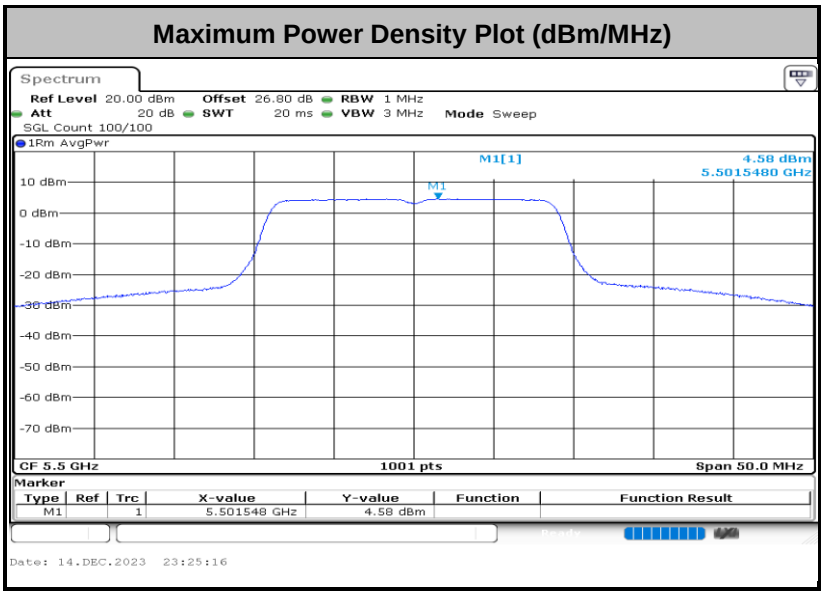
Maximum Power Density Plot (dBm/MHz)



<802.11n HT40>

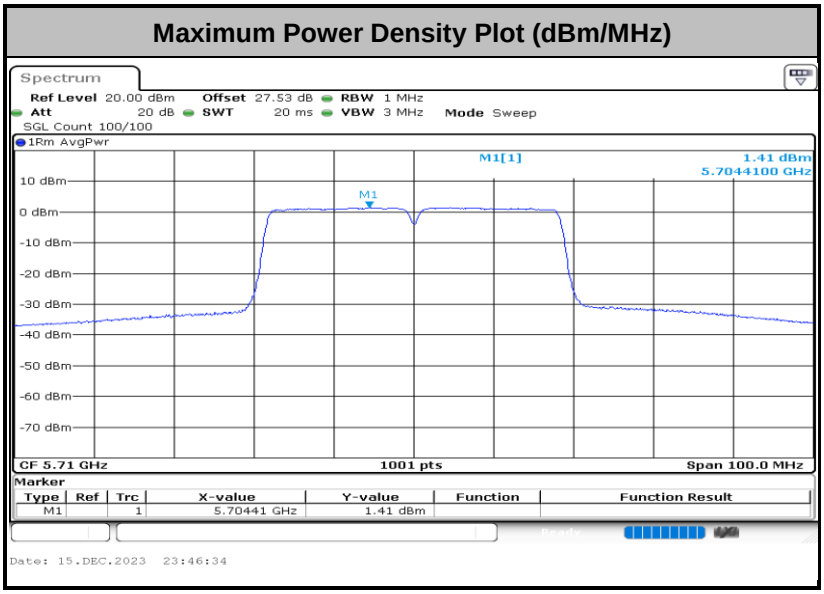


<802.11ac VHT20>



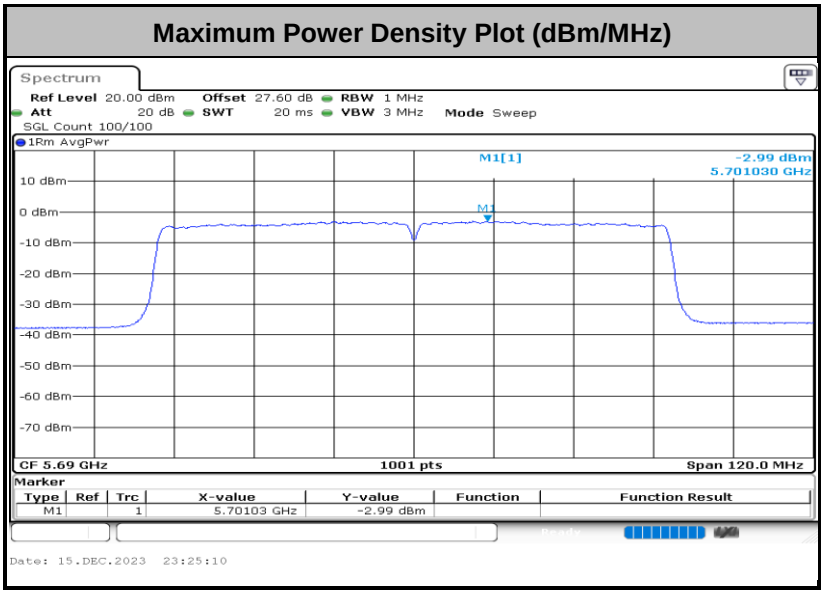
<802.11ac VHT40>

Maximum Power Density Plot (dBm/MHz)



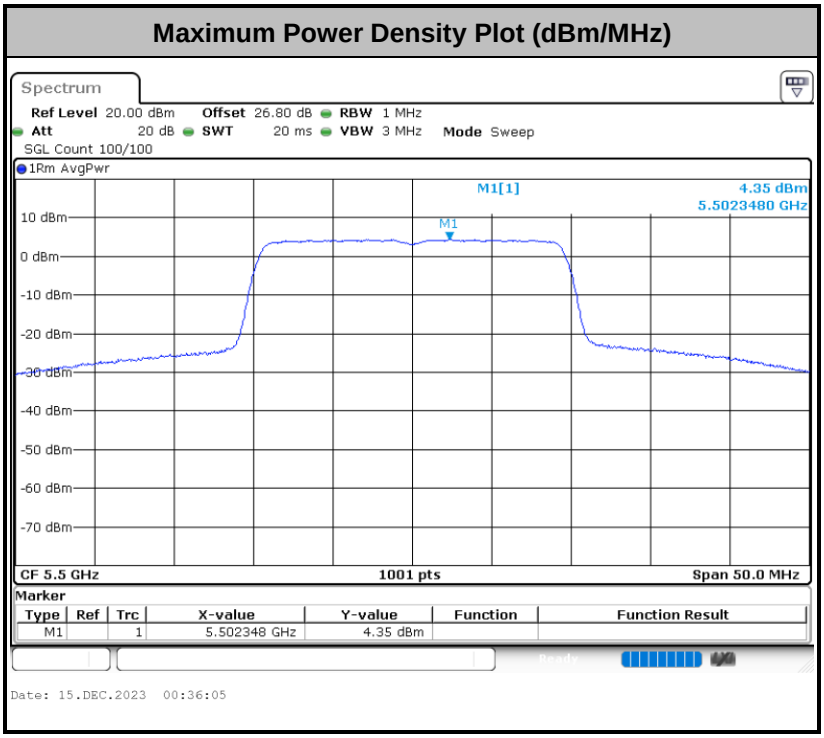
<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)



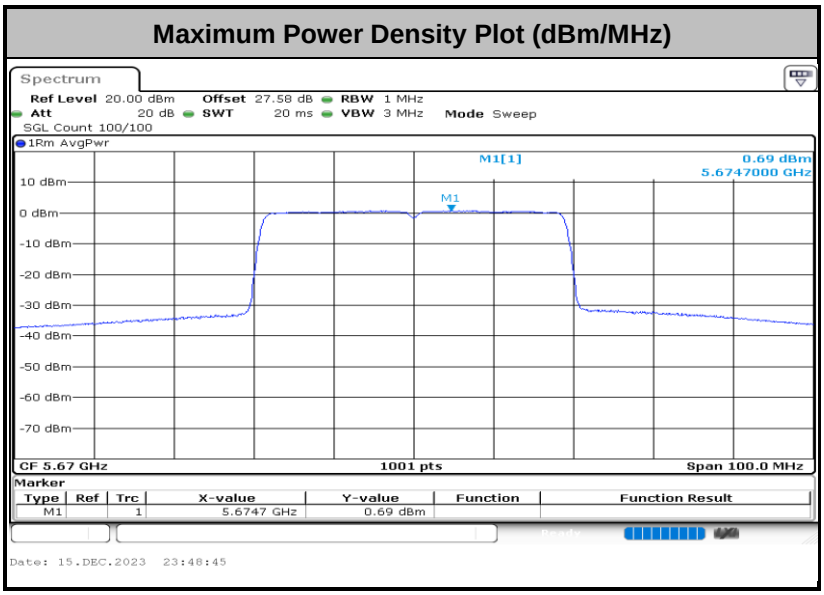
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)



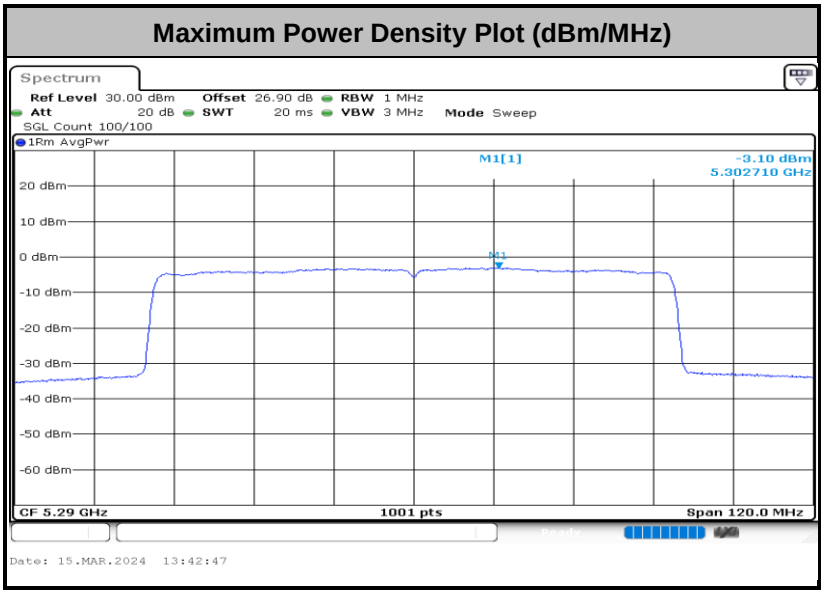
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)



<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

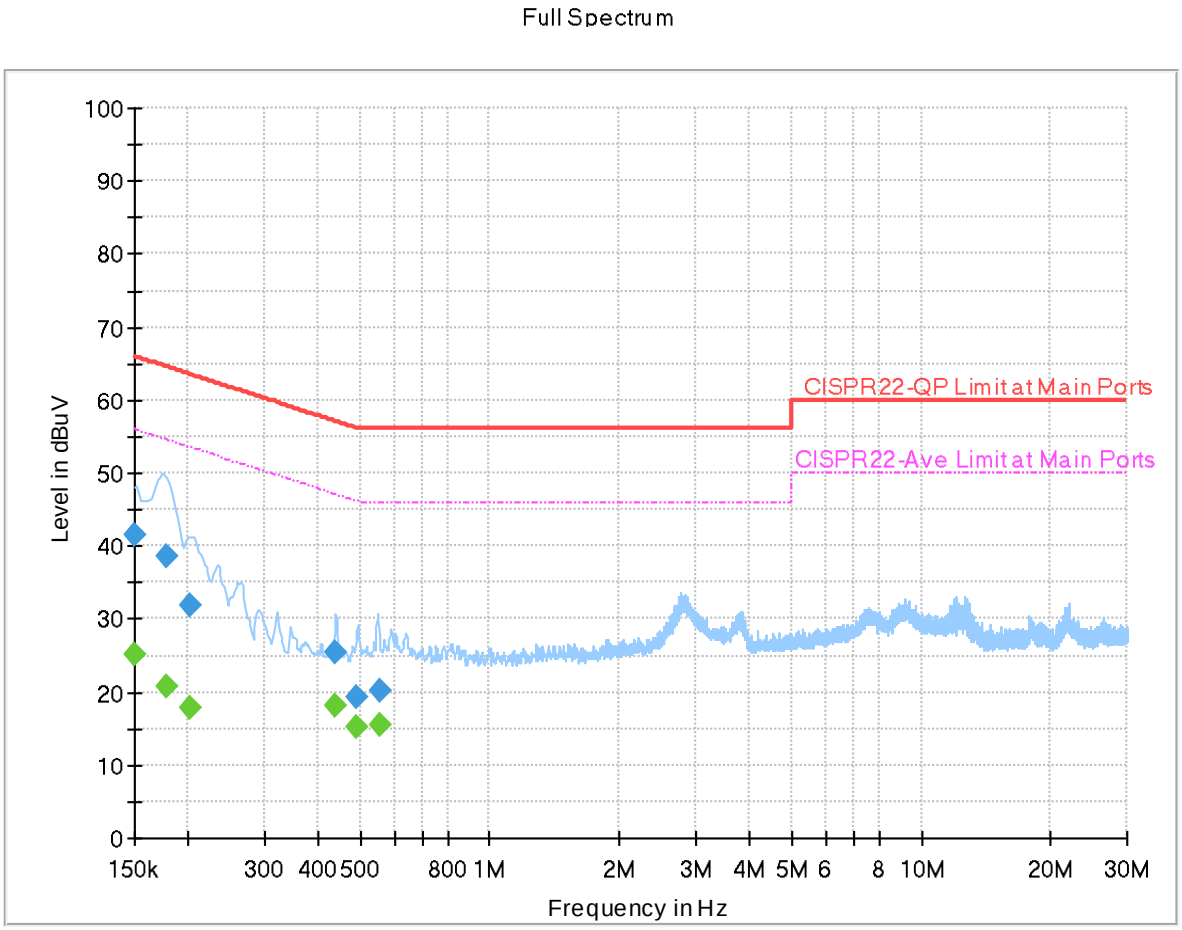


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	20.5~21.7℃
		Relative Humidity :	41.2~46.4%

EUT Information

Report NO :	412509
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

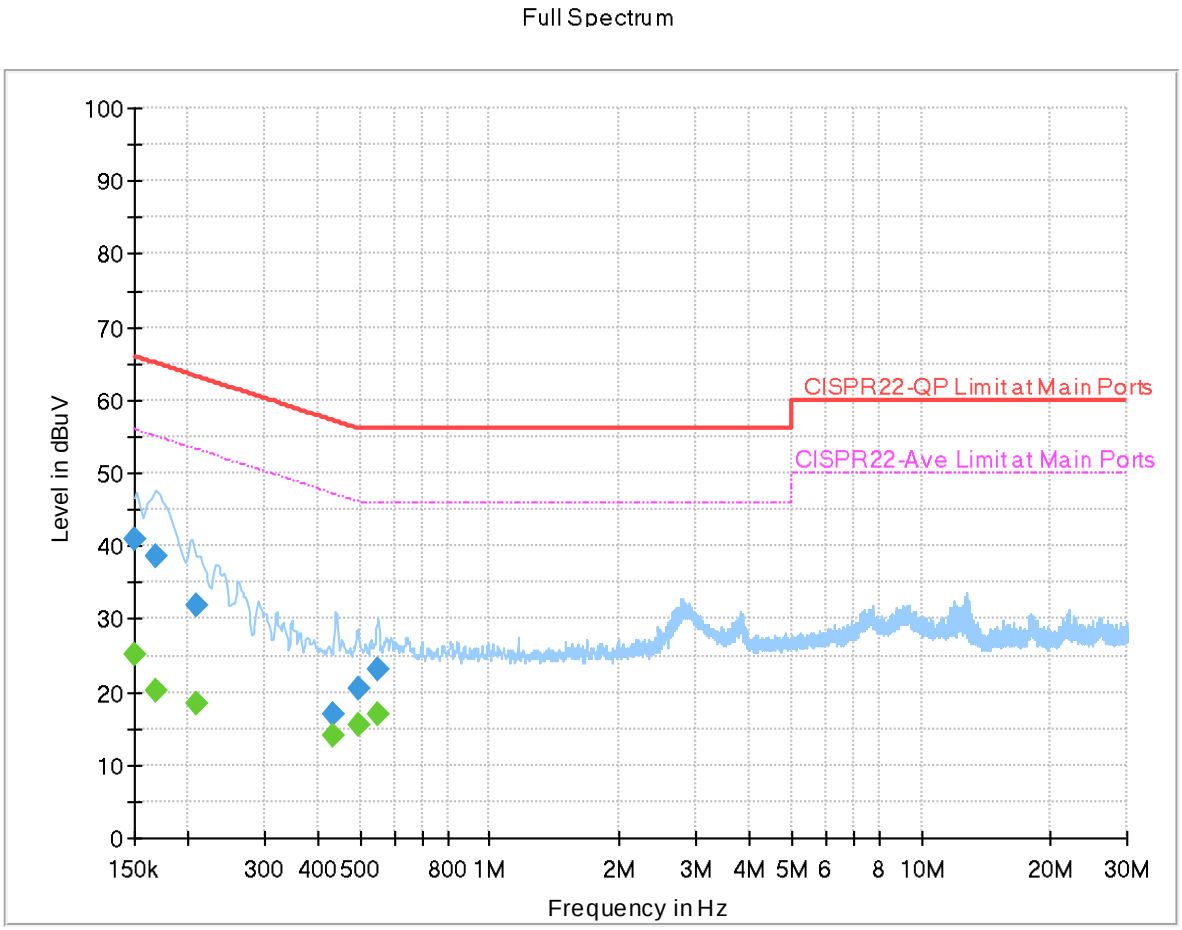


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	41.38	---	66.00	24.62	L1	OFF	19.9
0.150000	---	25.15	56.00	30.85	L1	OFF	19.9
0.177450	38.64	---	64.60	25.96	L1	OFF	19.9
0.177450	---	20.82	54.60	33.78	L1	OFF	19.9
0.201570	31.84	---	63.55	31.71	L1	OFF	19.9
0.201570	---	17.98	53.55	35.57	L1	OFF	19.9
0.439530	25.46	---	57.07	31.61	L1	OFF	19.9
0.439530	---	18.04	47.07	29.03	L1	OFF	19.9
0.491640	19.43	---	56.14	36.71	L1	OFF	19.9
0.491640	---	15.27	46.14	30.87	L1	OFF	19.9
0.553830	20.31	---	56.00	35.69	L1	OFF	19.9
0.553830	---	15.59	46.00	30.41	L1	OFF	19.9

EUT Information

Report NO :	412509
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150675	---	25.23	55.96	30.73	N	OFF	19.9
0.150675	40.98	---	65.96	24.98	N	OFF	19.9
0.168990	---	20.07	55.01	34.94	N	OFF	19.9
0.168990	38.60	---	65.01	26.41	N	OFF	19.9
0.208500	---	18.31	53.27	34.96	N	OFF	19.9
0.208500	32.01	---	63.27	31.26	N	OFF	19.9
0.433500	---	14.16	47.19	33.03	N	OFF	19.9
0.433500	16.90	---	57.19	40.29	N	OFF	19.9
0.497850	---	15.58	46.04	30.46	N	OFF	19.9
0.497850	20.33	---	56.04	35.71	N	OFF	19.9
0.549870	---	16.82	46.00	29.18	N	OFF	19.9
0.549870	23.08	---	56.00	32.92	N	OFF	19.9

Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Li and Karl Hou	Temperature :	18~25°C
		Relative Humidity :	57~65%

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.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.5	56.5	-17.5	74	42.71	32.6	14.4	33.21	100	203	P	H
		5150	48.48	-5.52	54	34.69	32.6	14.4	33.21	100	203	A	H
	*	5180	98.89	-	-	85.13	32.6	14.41	33.25	100	203	P	H
	*	5180	92.47	-	-	78.71	32.6	14.41	33.25	100	203	A	H
													H
													H
		5149.76	56.93	-17.07	74	43.14	32.6	14.4	33.21	287	224	P	V
		5149.76	49.25	-4.75	54	35.46	32.6	14.4	33.21	287	224	A	V
	*	5180	99.89	-	-	86.13	32.6	14.41	33.25	287	224	P	V
	*	5180	93.61	-	-	79.85	32.6	14.41	33.25	287	224	A	V
													V
													V
802.11a CH 44 5220MHz		5072.54	53.14	-20.86	74	39.18	32.7	14.35	33.09	100	193	P	H
		5008.32	43.54	-10.46	54	29.52	32.7	14.31	32.99	100	193	A	H
	*	5220	94.82	-	-	81.01	32.6	14.52	33.31	100	193	P	H
	*	5220	86.67	-	-	72.86	32.6	14.52	33.31	100	193	A	H
		5454.4	52.56	-21.44	74	38.23	32.71	15.29	33.67	100	193	P	H
		5456.92	41.61	-12.39	54	27.28	32.71	15.29	33.67	100	193	A	H
		5133.12	53.51	-20.49	74	39.68	32.63	14.38	33.18	300	217	P	V
		5078.26	43.48	-10.52	54	29.53	32.7	14.35	33.1	300	217	A	V
	*	5220	94.6	-	-	80.79	32.6	14.52	33.31	300	217	P	V
	*	5220	86.74	-	-	72.93	32.6	14.52	33.31	300	217	A	V
		5397.84	51.24	-22.76	74	37.06	32.5	15.26	33.58	300	217	P	V
		5458.88	41.65	-12.35	54	27.32	32.72	15.29	33.68	300	217	A	V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5068.9	52.61	-21.39	74	38.64	32.7	14.35	33.08	100	194	P	H
		5011.44	43.43	-10.57	54	29.42	32.7	14.31	33	100	194	A	H
	*	5240	93.5	-	-	79.64	32.6	14.6	33.34	100	194	P	H
	*	5240	86.27	-	-	72.41	32.6	14.6	33.34	100	194	A	H
		5448.8	51.36	-22.64	74	37.03	32.7	15.29	33.66	100	194	P	H
		5456.92	42.21	-11.79	54	27.88	32.71	15.29	33.67	100	194	A	H
		5067.34	53.26	-20.74	74	39.29	32.7	14.35	33.08	200	221	P	V
		5007.54	43.54	-10.46	54	29.52	32.7	14.31	32.99	200	221	A	V
	*	5240	93.71	-	-	79.85	32.6	14.6	33.34	200	221	P	V
	*	5240	86.19	-	-	72.33	32.6	14.6	33.34	200	221	A	V
		5429.2	51.14	-22.86	74	36.87	32.62	15.28	33.63	200	221	P	V
		5454.4	42.26	-11.74	54	27.93	32.71	15.29	33.67	200	221	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	49.92	-18.28	68.2	34.2	37.46	16.97	38.71	-	-	P	H
		15540	53.7	-20.3	74	36.81	40.44	20.94	44.49	-	-	P	H
		15540	44.23	-9.77	54	27.34	40.44	20.94	44.49	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	50.31	-17.89	68.2	34.59	37.46	16.97	38.71	-	-	P	V
		15540	53.46	-20.54	74	36.57	40.44	20.94	44.49	-	-	P	V
		15540	43.8	-10.2	54	26.91	40.44	20.94	44.49	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	49.92	-18.28	68.2	34.55	37.14	17.03	38.8	-	-	P	H
		15660	54.72	-19.28	74	38.02	40.34	21.02	44.66	-	-	P	H
		15660	45.51	-8.49	54	28.81	40.34	21.02	44.66	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz		10440	49.05	-19.15	68.2	33.68	37.14	17.03	38.8	-	-	P	V
		15660	54.82	-19.18	74	38.12	40.34	21.02	44.66	-	-	P	V
		15660	45.58	-8.42	54	28.88	40.34	21.02	44.66	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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	50.28	-17.92	68.2	34.97	37.1	17.05	38.84	-	-	P	H
		15720	55.73	-18.27	74	38.81	40.62	21.05	44.75	-	-	P	H
		15720	45.71	-8.29	54	28.79	40.62	21.05	44.75	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10480	49.66	-18.54	68.2	34.35	37.1	17.05	38.84	-	-	P	V
		15720	55.05	-18.95	74	38.13	40.62	21.05	44.75	-	-	P	V
		15720	45.77	-8.23	54	28.85	40.62	21.05	44.75	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.46	59.05	-14.95	74	45.26	32.6	14.4	33.21	100	217	P	H
		5149.5	50.31	-3.69	54	36.52	32.6	14.4	33.21	100	217	A	H
	*	5180	99.66	-	-	85.9	32.6	14.41	33.25	100	217	P	H
	*	5180	92.32	-	-	78.56	32.6	14.41	33.25	100	217	A	H
802.11n													H
HT20													H
CH 36		5150	58.24	-15.76	74	44.45	32.6	14.4	33.21	287	217	P	V
5180MHz		5150	51.81	-2.19	54	38.02	32.6	14.4	33.21	287	217	A	V
	*	5180	101.48	-	-	87.72	32.6	14.41	33.25	287	217	P	V
	*	5180	94.45	-	-	80.69	32.6	14.41	33.25	287	217	A	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	49.8	-18.4	68.2	34.49	37.1	17.05	38.84	-	-	P	H
		15720	55.13	-18.87	74	38.21	40.62	21.05	44.75	-	-	P	H
		15720	45.77	-8.23	54	28.85	40.62	21.05	44.75	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 48		10480	50.44	-17.76	68.2	35.13	37.1	17.05	38.84	-	-	P	V
5240MHz		15720	54.99	-19.01	74	38.07	40.62	21.05	44.75	-	-	P	V
		15720	45.85	-8.15	54	28.93	40.62	21.05	44.75	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.76	61.81	-12.19	74	48.02	32.6	14.4	33.21	100	193	P	H
		5149.5	51.7	-2.3	54	37.91	32.6	14.4	33.21	100	193	A	H
	*	5180	100.65	-	-	86.89	32.6	14.41	33.25	100	193	P	H
	*	5180	93.33	-	-	79.57	32.6	14.41	33.25	100	193	A	H
802.11ac													H
VHT20													H
CH 36		5149.76	61.86	-12.14	74	48.07	32.6	14.4	33.21	289	220	P	V
5180MHz		5150	52.34	-1.66	54	38.55	32.6	14.4	33.21	289	220	A	V
	*	5180	101.72	-	-	87.96	32.6	14.41	33.25	289	220	P	V
	*	5180	94.05	-	-	80.29	32.6	14.41	33.25	289	220	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	50.01	-18.19	68.2	34.7	37.1	17.05	38.84	-	-	P	H
		15720	55.19	-18.81	74	38.27	40.62	21.05	44.75	-	-	P	H
		15720	45.76	-8.24	54	28.84	40.62	21.05	44.75	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 48		10480	50.1	-18.1	68.2	34.79	37.1	17.05	38.84	-	-	P	V
5240MHz		15720	54.66	-19.34	74	37.74	40.62	21.05	44.75	-	-	P	V
		15720	45.83	-8.17	54	28.91	40.62	21.05	44.75	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.68	61.14	-12.86	74	47.34	32.6	14.4	33.2	101	13	P	H
		5150	50.72	-3.28	54	36.93	32.6	14.4	33.21	101	13	A	H
	*	5190	94.93	-	-	81.18	32.6	14.42	33.27	101	13	P	H
	*	5190	87.6	-	-	73.85	32.6	14.42	33.27	101	13	A	H
802.11ac		5460	50.53	-23.47	74	36.2	32.72	15.29	33.68	101	13	P	H
VHT40		5457.76	42.15	-11.85	54	27.82	32.72	15.29	33.68	101	13	A	H
CH 38		5149.24	61.88	-12.12	74	48.09	32.6	14.4	33.21	188	216	P	V
5190MHz		5149.76	51.84	-2.16	54	38.05	32.6	14.4	33.21	188	216	A	V
	*	5190	96.54	-	-	82.79	32.6	14.42	33.27	188	216	P	V
	*	5190	88.96	-	-	75.21	32.6	14.42	33.27	188	216	A	V
		5406.24	50.17	-23.83	74	35.98	32.52	15.27	33.6	188	216	P	V
		5448.24	42.26	-11.74	54	27.94	32.69	15.29	33.66	188	216	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10460	50.63	-17.57	68.2	35.31	37.1	17.04	38.82	-	-	P	H
		15690	55.61	-18.39	74	38.82	40.46	21.03	44.7	-	-	P	H
		15690	45.54	-8.46	54	28.75	40.46	21.03	44.7	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 46		10460	49.94	-18.26	68.2	34.62	37.1	17.04	38.82	-	-	P	V
5230MHz		15690	54.89	-19.11	74	38.1	40.46	21.03	44.7	-	-	P	V
		15690	45.68	-8.32	54	28.89	40.46	21.03	44.7	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5148.46	59.98	-14.02	74	46.19	32.6	14.4	33.21	100	356	P	H
		5149.5	50.18	-3.82	54	36.39	32.6	14.4	33.21	100	356	A	H
	*	5210	91.43	-	-	77.66	32.6	14.47	33.3	100	356	P	H
	*	5210	84.28	-	-	70.51	32.6	14.47	33.3	100	356	A	H
		5450.76	51.1	-22.9	74	36.78	32.7	15.29	33.67	100	356	P	H
		5447.4	42.28	-11.72	54	27.96	32.69	15.29	33.66	100	356	A	H
		5127.92	60.66	-13.34	74	46.81	32.64	14.38	33.17	211	221	P	V
		5147.42	50.1	-3.9	54	36.29	32.61	14.4	33.2	211	221	A	V
	*	5210	93.05	-	-	79.28	32.6	14.47	33.3	211	221	P	V
	*	5210	85.69	-	-	71.92	32.6	14.47	33.3	211	221	A	V
		5350.24	52.1	-21.9	74	38.05	32.5	15.06	33.51	211	221	P	V
		5350	42.51	-11.49	54	28.46	32.5	15.06	33.51	211	221	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	50.96	-17.24	68.2	35.5	37.22	17.02	38.78	-	-	P	H
		15630	54.93	-19.07	74	38.21	40.34	21	44.62	-	-	P	H
		15630	45.53	-8.47	54	28.81	40.34	21	44.62	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 42		10420	50.12	-18.08	68.2	34.66	37.22	17.02	38.78	-	-	P	V
5210MHz		15630	55.42	-18.58	74	38.7	40.34	21	44.62	-	-	P	V
		15630	45.64	-8.36	54	28.92	40.34	21	44.62	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 - 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5150	58.59	-15.41	74	48.8	32.6	10.4	33.21	100	6	P	H
		5149.24	48.98	-5.02	54	39.19	32.6	10.4	33.21	100	6	A	H
	*	5180	97.12	-	-	87.38	32.6	10.39	33.25	100	6	P	H
	*	5180	88.7	-	-	78.96	32.6	10.39	33.25	100	6	A	H
802.11ax													H
HE20 Full													H
CH 36		5149.5	58.99	-15.01	74	49.2	32.6	10.4	33.21	273	221	P	V
5180MHz		5150	49.23	-4.77	54	39.44	32.6	10.4	33.21	273	221	A	V
	*	5180	100.16	-	-	90.42	32.6	10.39	33.25	273	221	P	V
	*	5180	89.23	-	-	79.49	32.6	10.39	33.25	273	221	A	V
													V
													V
		5042.64	48.76	-25.24	74	38.68	32.7	10.42	33.04	100	206	P	H
		5044.2	39.48	-14.52	54	29.41	32.7	10.42	33.05	100	206	A	H
	*	5220	89.44	-	-	79.68	32.6	10.47	33.31	100	206	P	H
	*	5220	82.69	-	-	72.93	32.6	10.47	33.31	100	206	A	H
802.11ax		5458.12	47.16	-26.84	74	36.94	32.72	11.18	33.68	100	206	P	H
HE20 Full		5458.12	38.17	-15.83	54	27.95	32.72	11.18	33.68	100	206	A	H
CH 44		5105.56	48.26	-25.74	74	38.3	32.69	10.41	33.14	280	219	P	V
5220MHz		5023.14	39.45	-14.55	54	29.34	32.7	10.43	33.02	280	219	A	V
	*	5220	91.95	-	-	82.19	32.6	10.47	33.31	280	219	P	V
	*	5220	83.25	-	-	73.49	32.6	10.47	33.31	280	219	A	V
		5370.37	46.15	-27.85	74	36.13	32.5	11.06	33.54	280	219	P	V
		5454.61	38.16	-15.84	54	27.94	32.71	11.18	33.67	280	219	A	V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5000.26	48.26	-25.74	74	38.11	32.7	10.43	32.98	100	206	P	H
		5010.4	39.56	-14.44	54	29.43	32.7	10.43	33	100	206	A	H
	*	5240	88.92	-	-	79.11	32.6	10.55	33.34	100	206	P	H
	*	5240	82.02	-	-	72.21	32.6	10.55	33.34	100	206	A	H
802.11ax		5440.3	46.36	-27.64	74	36.17	32.66	11.18	33.65	100	206	P	H
HE20 Full		5447.86	38.15	-15.85	54	27.94	32.69	11.18	33.66	100	206	A	H
CH 48		5020.8	48.28	-25.72	74	38.16	32.7	10.43	33.01	280	219	P	V
5240MHz		5028.86	39.54	-14.46	54	29.44	32.7	10.42	33.02	280	219	A	V
	*	5240	91.41	-	-	81.6	32.6	10.55	33.34	280	219	P	V
	*	5240	82.6	-	-	72.79	32.6	10.55	33.34	280	219	A	V
		5447.32	47.16	-26.84	74	36.95	32.69	11.18	33.66	280	219	P	V
		5454.34	37.99	-16.01	54	27.77	32.71	11.18	33.67	280	219	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	49.59	-18.61	68.2	33.87	37.46	16.97	38.71	-	-	P	H
		15540	53.27	-20.73	74	36.38	40.44	20.94	44.49	-	-	P	H
		15540	43.63	-10.37	54	26.74	40.44	20.94	44.49	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	50.49	-17.71	68.2	34.77	37.46	16.97	38.71	-	-	P	V
5180MHz		15540	53.64	-20.36	74	36.75	40.44	20.94	44.49	-	-	P	V
		15540	44.47	-9.53	54	27.58	40.44	20.94	44.49	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	49.03	-19.17	68.2	33.66	37.14	17.03	38.8	-	-	P	H
		15660	55.19	-18.81	74	38.49	40.34	21.02	44.66	-	-	P	H
		15660	45.56	-8.44	54	28.86	40.34	21.02	44.66	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	49.77	-18.43	68.2	34.4	37.14	17.03	38.8	-	-	P	V
5220MHz		15660	54.06	-19.94	74	37.36	40.34	21.02	44.66	-	-	P	V
		15660	45.54	-8.46	54	28.84	40.34	21.02	44.66	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	49.95	-18.25	68.2	34.64	37.1	17.05	38.84	-	-	P	H
		15720	54.72	-19.28	74	37.8	40.62	21.05	44.75	-	-	P	H
		15720	45.76	-8.24	54	28.84	40.62	21.05	44.75	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	50.19	-18.01	68.2	34.88	37.1	17.05	38.84	-	-	P	V
5240MHz		15720	56.16	-17.84	74	39.24	40.62	21.05	44.75	-	-	P	V
		15720	45.81	-8.19	54	28.89	40.62	21.05	44.75	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5136.5	63.96	-10.04	74	50.13	32.63	14.39	33.19	189	214	P	H
		5137.28	51.76	-2.24	54	37.93	32.63	14.39	33.19	189	214	A	H
	*	5180	107.17	-	-	93.41	32.6	14.41	33.25	189	214	P	H
	*	5180	100	-	-	86.24	32.6	14.41	33.25	189	214	A	H
													H
													H
		5138.58	61.65	-12.35	74	47.83	32.62	14.39	33.19	209	226	P	V
		5138.06	52.36	-1.64	54	38.54	32.62	14.39	33.19	209	226	A	V
	*	5180	108.14	-	-	94.38	32.6	14.41	33.25	209	226	P	V
	*	5180	101.3	-	-	87.54	32.6	14.41	33.25	209	226	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		10360	50.3	-17.9	68.2	34.58	37.46	16.97	38.71	-	-	P	H
		15540	54.71	-19.29	74	37.82	40.44	20.94	44.49	-	-	P	H
		15540	45.51	-8.49	54	28.62	40.44	20.94	44.49	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	49.49	-18.71	68.2	33.77	37.46	16.97	38.71	-	-	P	V
		15540	55.55	-18.45	74	38.66	40.44	20.94	44.49	-	-	P	V
		15540	45.65	-8.35	54	28.76	40.44	20.94	44.49	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 48 5240MHz		10480	50.72	-17.48	68.2	35.41	37.1	17.05	38.84	-	-	P	H
		15720	54.77	-19.23	74	37.85	40.62	21.05	44.75	-	-	P	H
		15720	45.68	-8.32	54	28.76	40.62	21.05	44.75	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		10480	49.84	-18.36	68.2	34.53	37.1	17.05	38.84	-	-	P	V
		15720	54.8	-19.2	74	37.88	40.62	21.05	44.75	-	-	P	V
		15720	46.14	-7.86	54	29.22	40.62	21.05	44.75	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5142.22	64.99	-9.01	74	51.18	32.62	14.39	33.2	100	217	P	H
		5139.62	49.74	-4.26	54	35.92	32.62	14.39	33.19	100	217	A	H
	*	5180	107.91	-	-	94.15	32.6	14.41	33.25	100	217	P	H
802.11ax	*	5180	98.03	-	-	84.27	32.6	14.41	33.25	100	217	A	H
HE20													H
Partial													H
52/37		5147.68	68.08	-5.92	74	54.28	32.6	14.4	33.2	211	225	P	V
CH 36		5141.18	52.33	-1.67	54	38.51	32.62	14.39	33.19	211	225	A	V
5180MHz	*	5180	106.6	-	-	92.84	32.6	14.41	33.25	211	225	P	V
	*	5180	99.33	-	-	85.57	32.6	14.41	33.25	211	225	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.76	65.15	-8.85	74	51.36	32.6	14.4	33.21	100	210	P	H
		5148.72	51.17	-2.83	54	37.38	32.6	14.4	33.21	100	210	A	H
	*	5180	104.43	-	-	90.67	32.6	14.41	33.25	100	210	P	H
802.11ax	*	5180	96.6	-	-	82.84	32.6	14.41	33.25	100	210	A	H
HE20													H
Partial													H
106/53		5149.76	66.35	-7.65	74	52.56	32.6	14.4	33.21	271	221	P	V
CH 36		5150	52.41	-1.59	54	38.62	32.6	14.4	33.21	271	221	A	V
5180MHz	*	5180	104.69	-	-	90.93	32.6	14.41	33.25	271	221	P	V
	*	5180	97.02	-	-	83.26	32.6	14.41	33.25	271	221	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.76	59.87	-14.13	74	46.08	32.6	14.4	33.21	100	11	P	H
		5150	50.6	-3.4	54	36.81	32.6	14.4	33.21	100	11	A	H
	*	5190	98.11	-	-	84.36	32.6	14.42	33.27	100	11	P	H
	*	5190	87.66	-	-	73.91	32.6	14.42	33.27	100	11	A	H
802.11ax		5452.72	50.63	-23.37	74	36.3	32.71	15.29	33.67	100	11	P	H
HE40 Full		5455.69	42.3	-11.7	54	27.97	32.71	15.29	33.67	100	11	A	H
CH 38		5148.46	60.07	-13.93	74	46.28	32.6	14.4	33.21	196	217	P	V
5190MHz		5150	50.85	-3.15	54	37.06	32.6	14.4	33.21	196	217	A	V
	*	5190	98.6	-	-	84.85	32.6	14.42	33.27	196	217	P	V
	*	5190	89.11	-	-	75.36	32.6	14.42	33.27	196	217	A	V
		5435.71	50.43	-23.57	74	36.15	32.64	15.28	33.64	196	217	P	V
		5459.47	42.39	-11.61	54	28.06	32.72	15.29	33.68	196	217	A	V
		5052.7	52.84	-21.16	74	38.87	32.7	14.33	33.06	100	217	P	H
		5111.86	44.05	-9.95	54	30.14	32.68	14.38	33.15	100	217	A	H
	*	5230	96.68	-	-	82.85	32.6	14.56	33.33	100	217	P	H
	*	5230	89.19	-	-	75.36	32.6	14.56	33.33	100	217	A	H
802.11ax		5445.6	53.25	-20.75	74	38.94	32.68	15.29	33.66	100	217	P	H
HE40 Full		5438.64	42.6	-11.4	54	28.32	32.65	15.28	33.65	100	217	A	H
CH 46		5065.28	52.95	-21.05	74	38.98	32.7	14.35	33.08	282	219	P	V
5230MHz		5067.66	44.06	-9.94	54	30.09	32.7	14.35	33.08	282	219	A	V
	*	5230	97.8	-	-	83.97	32.6	14.56	33.33	282	219	P	V
	*	5230	90.01	-	-	76.18	32.6	14.56	33.33	282	219	A	V
		5444.16	50.63	-23.37	74	36.32	32.68	15.29	33.66	282	219	P	V
		5453.28	42.59	-11.41	54	28.26	32.71	15.29	33.67	282	219	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	51.08	-17.12	68.2	35.45	37.38	16.98	38.73	-	-	P	H
		15570	55.1	-18.9	74	38.26	40.4	20.97	44.53	-	-	P	H
		15570	45.58	-8.42	54	28.74	40.4	20.97	44.53	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	49.18	-19.02	68.2	33.55	37.38	16.98	38.73	-	-	P	V
5190MHz		15570	54.68	-19.32	74	37.84	40.4	20.97	44.53	-	-	P	V
		15570	45.64	-8.36	54	28.8	40.4	20.97	44.53	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10460	49.42	-18.78	68.2	34.1	37.1	17.04	38.82	-	-	P	H
		15690	55.23	-18.77	74	38.44	40.46	21.03	44.7	-	-	P	H
		15690	45.54	-8.46	54	28.75	40.46	21.03	44.7	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	49.35	-18.85	68.2	34.03	37.1	17.04	38.82	-	-	P	V
5230MHz		15690	54.96	-19.04	74	38.17	40.46	21.03	44.7	-	-	P	V
		15690	45.73	-8.27	54	28.94	40.46	21.03	44.7	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5146.64	62.44	-11.56	74	48.64	32.61	14.39	33.2	100	12	P	H
		5149.76	50.36	-3.64	54	36.57	32.6	14.4	33.21	100	12	A	H
	*	5210	93.3	-	-	79.53	32.6	14.47	33.3	100	12	P	H
	*	5210	84.47	-	-	70.7	32.6	14.47	33.3	100	12	A	H
		5441.24	51.36	-22.64	74	37.07	32.66	15.28	33.65	100	12	P	H
		5444.88	42.26	-11.74	54	27.95	32.68	15.29	33.66	100	12	A	H
		5143.52	60.93	-13.07	74	47.13	32.61	14.39	33.2	200	213	P	V
		5150	50.95	-3.05	54	37.16	32.6	14.4	33.21	200	213	A	V
	*	5210	93.84	-	-	80.07	32.6	14.47	33.3	200	213	P	V
	*	5210	85.37	-	-	71.6	32.6	14.47	33.3	200	213	A	V
		5368.72	50.98	-23.02	74	36.88	32.5	15.14	33.54	200	213	P	V
		5356.12	42.8	-11.2	54	28.73	32.5	15.09	33.52	200	213	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	49.95	-18.25	68.2	34.49	37.22	17.02	38.78	-	-	P	H
		15630	54.84	-19.16	74	38.12	40.34	21	44.62	-	-	P	H
		15630	45.58	-8.42	54	28.86	40.34	21	44.62	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	49.36	-18.84	68.2	33.9	37.22	17.02	38.78	-	-	P	V
5210MHz		15630	55.1	-18.9	74	38.38	40.34	21	44.62	-	-	P	V
		15630	45.64	-8.36	54	28.92	40.34	21	44.62	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5069.36	52	-22	74	38.04	32.7	14.35	33.09	100	193	P	H
		5042.5	43.46	-10.54	54	29.47	32.7	14.33	33.04	100	193	A	H
	*	5260	94.72	-	-	80.84	32.58	14.68	33.38	100	193	P	H
	*	5260	85.88	-	-	72	32.58	14.68	33.38	100	193	A	H
		5442.72	50.76	-23.24	74	36.46	32.67	15.28	33.65	100	193	P	H
		5454.24	41.98	-12.02	54	27.65	32.71	15.29	33.67	100	193	A	H
		5114.24	52.31	-21.69	74	38.41	32.67	14.38	33.15	200	221	P	V
		5013.26	43.57	-10.43	54	29.56	32.7	14.31	33	200	221	A	V
	*	5260	93.18	-	-	79.3	32.58	14.68	33.38	200	221	P	V
	*	5260	86.07	-	-	72.19	32.58	14.68	33.38	200	221	A	V
		5425.44	50.57	-23.43	74	36.32	32.6	15.28	33.63	200	221	P	V
		5447.04	42.09	-11.91	54	27.77	32.69	15.29	33.66	200	221	A	V
802.11a CH 60 5300MHz		5022.78	52.24	-21.76	74	38.23	32.7	14.32	33.01	100	204	P	H
		5031.62	43.63	-10.37	54	29.64	32.7	14.32	33.03	100	204	A	H
	*	5300	92.17	-	-	78.26	32.5	14.85	33.44	100	204	P	H
	*	5300	85.6	-	-	71.69	32.5	14.85	33.44	100	204	A	H
		5438.64	51.77	-22.23	74	37.49	32.65	15.28	33.65	100	204	P	H
		5452.8	42.32	-11.68	54	27.99	32.71	15.29	33.67	100	204	A	H
		5046.58	52.91	-21.09	74	38.93	32.7	14.33	33.05	231	222	P	V
		5055.42	43.74	-10.26	54	29.76	32.7	14.34	33.06	231	222	A	V
	*	5300	93.69	-	-	79.78	32.5	14.85	33.44	231	222	P	V
	*	5300	86.23	-	-	72.32	32.5	14.85	33.44	231	222	A	V
		5447.04	52.22	-21.78	74	37.9	32.69	15.29	33.66	231	222	P	V
		5444.64	42.37	-11.63	54	28.06	32.68	15.29	33.66	231	222	A	V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	93.75	-	-	79.79	32.5	14.93	33.47	100	205	P	H
	*	5320	86.03	-	-	72.07	32.5	14.93	33.47	100	205	A	H
		5457.12	51.16	-22.84	74	36.83	32.71	15.29	33.67	100	205	P	H
		5453.28	42.54	-11.46	54	28.21	32.71	15.29	33.67	100	205	A	H
													H
													H
	*	5320	94.09	-	-	80.13	32.5	14.93	33.47	268	205	P	V
	*	5320	86.82	-	-	72.86	32.5	14.93	33.47	268	205	A	V
		5437.76	51.24	-22.76	74	36.96	32.65	15.28	33.65	268	205	P	V
		5440.96	42.37	-11.63	54	28.08	32.66	15.28	33.65	268	205	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	49.42	-18.78	68.2	34.04	37.18	17.08	38.88	-	-	P	H
		15780	55.14	-18.86	74	38.15	40.74	21.08	44.83	-	-	P	H
		15780	46	-8	54	29.01	40.74	21.08	44.83	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	49.26	-18.94	68.2	33.88	37.18	17.08	38.88	-	-	P	V
		15780	54.68	-19.32	74	37.69	40.74	21.08	44.83	-	-	P	V
		15780	45.94	-8.06	54	28.95	40.74	21.08	44.83	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	49.73	-24.27	74	34.17	37.4	17.13	38.97	-	-	P	H
		10600	40.99	-13.01	54	25.43	37.4	17.13	38.97	-	-	A	H
		15900	54.73	-19.27	74	38	40.6	21.14	45.01	-	-	P	H
		15900	45.61	-8.39	54	28.88	40.6	21.14	45.01	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
i802.11a CH 60 5300MHz													H
		10600	50.52	-23.48	74	34.96	37.4	17.13	38.97	-	-	P	V
		10600	41.05	-12.95	54	25.49	37.4	17.13	38.97	-	-	A	V
		15900	54.43	-19.57	74	37.7	40.6	21.14	45.01	-	-	P	V
		15900	45.47	-8.53	54	28.74	40.6	21.14	45.01	-	-	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	50.03	-23.97	74	34.48	37.4	17.16	39.01	-	-	P	H
		10640	40.27	-13.73	54	24.72	37.4	17.16	39.01	-	-	A	H
		15960	54.86	-19.14	74	38.17	40.6	21.18	45.09	-	-	P	H
		15960	45	-9	54	28.31	40.6	21.18	45.09	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz		10640	50.37	-23.63	74	34.82	37.4	17.16	39.01	-	-	P	V
		10640	40.68	-13.32	54	25.13	37.4	17.16	39.01	-	-	A	V
		15960	55.44	-18.56	74	38.75	40.6	21.18	45.09	-	-	P	V
		15960	45.67	-8.33	54	28.98	40.6	21.18	45.09	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	92.51	-	-	78.55	32.5	14.93	33.47	100	196	P	H
	*	5320	85.01	-	-	71.05	32.5	14.93	33.47	100	196	A	H
		5357.6	51.11	-22.89	74	37.04	32.5	15.09	33.52	100	196	P	H
		5455.04	42.46	-11.54	54	28.13	32.71	15.29	33.67	100	196	A	H
802.11n													H
HT20													H
CH 64	*	5320	93.36	-	-	79.4	32.5	14.93	33.47	289	229	P	V
5320MHz	*	5320	85.63	-	-	71.67	32.5	14.93	33.47	289	229	A	V
		5429.28	50.45	-23.55	74	36.18	32.62	15.28	33.63	289	229	P	V
		5350.88	42.41	-11.59	54	28.35	32.5	15.07	33.51	289	229	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	51.32	-16.88	68.2	35.94	37.18	17.08	38.88	-	-	P	H
		15780	55.03	-18.97	74	38.04	40.74	21.08	44.83	-	-	P	H
		15780	45.96	-8.04	54	28.97	40.74	21.08	44.83	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 52		10520	50.82	-17.38	68.2	35.44	37.18	17.08	38.88	-	-	P	V
5260MHz		15780	54.38	-19.62	74	37.39	40.74	21.08	44.83	-	-	P	V
		15780	45.88	-8.12	54	28.89	40.74	21.08	44.83	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	99.17	-	-	85.21	32.5	14.93	33.47	100	222	P	H
	*	5320	91.5	-	-	77.54	32.5	14.93	33.47	100	222	A	H
		5438.56	51.06	-22.94	74	36.78	32.65	15.28	33.65	100	222	P	H
		5350.72	43.43	-10.57	54	29.37	32.5	15.07	33.51	100	222	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	101.34	-	-	87.38	32.5	14.93	33.47	210	215	P	V
5320MHz	*	5320	92.85	-	-	78.89	32.5	14.93	33.47	210	215	A	V
		5351.84	52.53	-21.47	74	38.47	32.5	15.07	33.51	210	215	P	V
		5350.08	43.66	-10.34	54	29.61	32.5	15.06	33.51	210	215	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	50.15	-18.05	68.2	34.77	37.18	17.08	38.88	-	-	P	H
		15780	54.95	-19.05	74	37.96	40.74	21.08	44.83	-	-	P	H
		15780	45.85	-8.15	54	28.86	40.74	21.08	44.83	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 52		10520	49.76	-18.44	68.2	34.38	37.18	17.08	38.88	-	-	P	V
5260MHz		15780	54.84	-19.16	74	37.85	40.74	21.08	44.83	-	-	P	V
		15780	46.05	-7.95	54	29.06	40.74	21.08	44.83	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 62 5310MHz		5099.96	53.17	-20.83	74	39.24	32.7	14.36	33.13	105	220	P	H
		5042.16	43.67	-10.33	54	29.68	32.7	14.33	33.04	105	220	A	H
	*	5310	94.82	-	-	80.88	32.5	14.89	33.45	105	220	P	H
	*	5310	87.46	-	-	73.52	32.5	14.89	33.45	105	220	A	H
		5350.56	61.47	-12.53	74	47.42	32.5	15.06	33.51	105	220	P	H
		5350.32	50.43	-3.57	54	36.38	32.5	15.06	33.51	105	220	A	H
		5074.12	52.94	-21.06	74	38.98	32.7	14.35	33.09	105	222	P	V
		5046.24	43.66	-10.34	54	29.68	32.7	14.33	33.05	105	222	A	V
	*	5310	97.2	-	-	83.26	32.5	14.89	33.45	105	222	P	V
	*	5310	89.74	-	-	75.8	32.5	14.89	33.45	105	222	A	V
		5350.8	63.48	-10.52	74	49.42	32.5	15.07	33.51	105	222	P	V
		5350.32	51.71	-2.29	54	37.66	32.5	15.06	33.51	105	222	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	49.57	-18.63	68.2	34.12	37.26	17.09	38.9	-	-	P	H
		15810	54.85	-19.15	74	37.96	40.68	21.09	44.88	-	-	P	H
		15810	45.69	-8.31	54	28.8	40.68	21.09	44.88	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 54		10540	50.15	-18.05	68.2	34.7	37.26	17.09	38.9	-	-	P	V
5270MHz		15810	54.38	-19.62	74	37.49	40.68	21.09	44.88	-	-	P	V
		15810	45.78	-8.22	54	28.89	40.68	21.09	44.88	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5136	52.77	-21.23	74	38.94	32.63	14.39	33.19	102	219	P	H
		5075.82	43.62	-10.38	54	29.68	32.7	14.34	33.1	102	219	A	H
	*	5290	91.67	-	-	77.76	32.52	14.81	33.42	102	219	P	H
	*	5290	84.11	-	-	70.2	32.52	14.81	33.42	102	219	A	H
		5369.76	59.17	-14.83	74	45.07	32.5	15.14	33.54	102	219	P	H
		5352.48	50.61	-3.39	54	36.56	32.5	15.07	33.52	102	219	A	H
		5053.72	53.49	-20.51	74	39.51	32.7	14.34	33.06	102	224	P	V
		5014.62	43.61	-10.39	54	29.6	32.7	14.31	33	102	224	A	V
	*	5290	93.86	-	-	79.95	32.52	14.81	33.42	102	224	P	V
	*	5290	86.08	-	-	72.17	32.52	14.81	33.42	102	224	A	V
		5361.12	63.01	-10.99	74	48.93	32.5	15.11	33.53	102	224	P	V
		5350.32	52.12	-1.88	54	38.07	32.5	15.06	33.51	102	224	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	50.7	-17.5	68.2	35.17	37.36	17.11	38.94	-	-	P	H
		15870	54.47	-19.53	74	37.7	40.6	21.13	44.96	-	-	P	H
		15870	45.48	-8.52	54	28.71	40.6	21.13	44.96	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 58		10580	49.95	-18.25	68.2	34.42	37.36	17.11	38.94	-	-	P	V
5290MHz		15870	54.23	-19.77	74	37.46	40.6	21.13	44.96	-	-	P	V
		15870	45.6	-8.4	54	28.83	40.6	21.13	44.96	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5140.08	52.94	-21.06	74	39.12	32.62	14.39	33.19	100	222	P	H
		5090.1	43.58	-10.42	54	29.64	32.7	14.36	33.12	100	222	A	H
	*	5260	99.42	-	-	85.54	32.58	14.68	33.38	100	222	P	H
	*	5260	90.98	-	-	77.1	32.58	14.68	33.38	100	222	A	H
802.11ax		5452.32	50.89	-23.11	74	36.57	32.7	15.29	33.67	100	222	P	H
HE20 Full		5458.8	42.31	-11.69	54	27.98	32.72	15.29	33.68	100	222	A	H
CH 52		5065.62	53.28	-20.72	74	39.31	32.7	14.35	33.08	217	220	P	V
5260MHz		5091.46	43.53	-10.47	54	29.59	32.7	14.36	33.12	217	220	A	V
	*	5260	99.31	-	-	85.43	32.58	14.68	33.38	217	220	P	V
	*	5260	91.89	-	-	78.01	32.58	14.68	33.38	217	220	A	V
		5455.92	50.42	-23.58	74	36.09	32.71	15.29	33.67	217	220	P	V
		5438.16	42.28	-11.72	54	28	32.65	15.28	33.65	217	220	A	V
		5080.58	52.65	-21.35	74	38.7	32.7	14.35	33.1	100	219	P	H
		5010.2	43.72	-10.28	54	29.71	32.7	14.31	33	100	219	A	H
	*	5300	100.4	-	-	86.49	32.5	14.85	33.44	100	219	P	H
	*	5300	90.93	-	-	77.01	32.5	14.85	33.44	100	219	A	H
802.11ax		5436.72	51.13	-22.87	74	36.84	32.65	15.28	33.64	100	219	P	H
HE20 Full		5434.08	42.33	-11.67	54	28.05	32.64	15.28	33.64	100	219	A	H
CH 60		5030.26	52.44	-21.56	74	38.45	32.7	14.32	33.03	202	213	P	V
5300MHz		5005.44	43.58	-10.42	54	29.57	32.7	14.3	32.99	202	213	A	V
	*	5300	99.82	-	-	85.91	32.5	14.85	33.44	202	213	P	V
	*	5300	92.14	-	-	78.23	32.5	14.85	33.44	202	213	A	V
		5460	51.94	-22.06	74	37.61	32.72	15.29	33.68	202	213	P	V
		5458.56	42.38	-11.62	54	28.05	32.72	15.29	33.68	202	213	A	V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	98.53	-	-	84.57	32.5	14.93	33.47	102	219	P	H
	*	5320	90.63	-	-	76.67	32.5	14.93	33.47	102	219	A	H
		5350.72	54.12	-19.88	74	40.06	32.5	15.07	33.51	102	219	P	H
		5350.56	43.61	-10.39	54	29.56	32.5	15.06	33.51	102	219	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	100.39	-	-	86.43	32.5	14.93	33.47	213	217	P	V
5320MHz	*	5320	92.55	-	-	78.59	32.5	14.93	33.47	213	217	A	V
		5357.12	54.77	-19.23	74	40.7	32.5	15.09	33.52	213	217	P	V
		5350.56	44.21	-9.79	54	30.16	32.5	15.06	33.51	213	217	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	49.85	-18.35	68.2	34.47	37.18	17.08	38.88	-	-	P	H
		15780	55.52	-18.48	74	38.53	40.74	21.08	44.83	-	-	P	H
		15780	45.9	-8.1	54	28.91	40.74	21.08	44.83	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	49.89	-18.31	68.2	34.51	37.18	17.08	38.88	-	-	P	V
5260MHz		15780	54.89	-19.11	74	37.9	40.74	21.08	44.83	-	-	P	V
		15780	46.07	-7.93	54	29.08	40.74	21.08	44.83	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	49.7	-24.3	74	34.14	37.4	17.13	38.97	-	-	P	H
		10600	40.06	-13.94	54	24.5	37.4	17.13	38.97	-	-	A	H
		15900	54.29	-19.71	74	37.56	40.6	21.14	45.01	-	-	P	H
		15900	45.14	-8.86	54	28.41	40.6	21.14	45.01	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	49.64	-24.36	74	34.08	37.4	17.13	38.97	-	-	P	V
5300MHz		10600	40.19	-13.81	54	24.63	37.4	17.13	38.97	-	-	A	V
		15900	53.57	-20.43	74	36.84	40.6	21.14	45.01	-	-	P	V
		15900	44.42	-9.58	54	27.69	40.6	21.14	45.01	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	50.63	-23.37	74	35.08	37.4	17.16	39.01	-	-	P	H
		10640	41.18	-12.82	54	25.63	37.4	17.16	39.01	-	-	A	H
		15960	55.47	-18.53	74	38.78	40.6	21.18	45.09	-	-	P	H
		15960	46.31	-7.69	54	29.62	40.6	21.18	45.09	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	49.89	-24.11	74	34.34	37.4	17.16	39.01	-	-	P	V
5320MHz		10640	40.47	-13.53	54	24.92	37.4	17.16	39.01	-	-	A	V
		15960	53.42	-20.58	74	36.73	40.6	21.18	45.09	-	-	P	V
		15960	44.07	-9.93	54	27.38	40.6	21.18	45.09	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	99.34	-	-	85.38	32.5	14.93	33.47	100	220	P	H
	*	5320	92.76	-	-	78.8	32.5	14.93	33.47	100	220	A	H
		5451.04	52.5	-21.5	74	38.18	32.7	15.29	33.67	100	220	P	H
		5459.68	42.09	-11.91	54	27.76	32.72	15.29	33.68	100	220	A	H
													H
													H
	*	5320	100.27	-	-	86.31	32.5	14.93	33.47	209	218	P	V
	*	5320	93.75	-	-	79.79	32.5	14.93	33.47	209	218	A	V
		5351.84	52.6	-21.4	74	38.54	32.5	15.07	33.51	209	218	P	V
		5448.96	42.06	-11.94	54	27.73	32.7	15.29	33.66	209	218	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 52 5260MHz		10520	49.86	-18.34	68.2	34.48	37.18	17.08	38.88	-	-	P	H
		15780	54.48	-19.52	74	37.49	40.74	21.08	44.83	-	-	P	H
		15780	46.08	-7.92	54	29.09	40.74	21.08	44.83	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	49.53	-18.67	68.2	34.15	37.18	17.08	38.88	-	-	P	V
		15780	55.19	-18.81	74	38.2	40.74	21.08	44.83	-	-	P	V
		15780	45.85	-8.15	54	28.86	40.74	21.08	44.83	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 64 5320MHz		10640	49.39	-24.61	74	33.84	37.4	17.16	39.01	-	-	P	H
		10640	40.68	-13.32	54	25.13	37.4	17.16	39.01	-	-	A	H
		15960	54.88	-19.12	74	38.19	40.6	21.18	45.09	-	-	P	H
		15960	45.38	-8.62	54	28.69	40.6	21.18	45.09	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	49.15	-24.85	74	33.6	37.4	17.16	39.01	-	-	P	V
		10640	40.72	-13.28	54	25.17	37.4	17.16	39.01	-	-	A	V
		15960	54.87	-19.13	74	38.18	40.6	21.18	45.09	-	-	P	V
		15960	45.44	-8.56	54	28.75	40.6	21.18	45.09	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	99.77	-	-	85.81	32.5	14.93	33.47	100	219	P	H
	*	5320	92.44	-	-	78.48	32.5	14.93	33.47	100	219	A	H
		5408.8	51.45	-22.55	74	37.24	32.54	15.27	33.6	100	219	P	H
802.11ax		5456.8	42.17	-11.83	54	27.84	32.71	15.29	33.67	100	219	A	H
HE20													H
Partial													H
52/40	*	5320	100.47	-	-	86.51	32.5	14.93	33.47	211	217	P	V
CH 64	*	5320	93.73	-	-	79.77	32.5	14.93	33.47	211	217	A	V
5320MHz		5448	51.61	-22.39	74	37.29	32.69	15.29	33.66	211	217	P	V
		5448.48	42.06	-11.94	54	27.74	32.69	15.29	33.66	211	217	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	100.65	-	-	86.69	32.5	14.93	33.47	100	218	P	H
	*	5320	92.46	-	-	78.5	32.5	14.93	33.47	100	218	A	H
		5352.8	54.82	-19.18	74	40.77	32.5	15.07	33.52	100	218	P	H
802.11ax		5436.96	42.25	-11.75	54	27.96	32.65	15.28	33.64	100	218	A	H
HE20													H
Partial													H
106/54	*	5320	102.68	-	-	88.72	32.5	14.93	33.47	213	220	P	V
CH 64	*	5320	93.74	-	-	79.78	32.5	14.93	33.47	213	220	A	V
5320MHz		5354.08	52.25	-21.75	74	38.19	32.5	15.08	33.52	213	220	P	V
		5458.4	42.21	-11.79	54	27.88	32.72	15.29	33.68	213	220	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		5083.3	52.68	-21.32	74	38.74	32.7	14.35	33.11	100	221	P	H
		5064.94	43.54	-10.46	54	29.57	32.7	14.35	33.08	100	221	A	H
	*	5270	96.64	-	-	82.74	32.56	14.73	33.39	100	221	P	H
	*	5270	87.63	-	-	73.73	32.56	14.73	33.39	100	221	A	H
		5458.08	52.42	-21.58	74	38.09	32.72	15.29	33.68	100	221	P	H
		5458.32	42.33	-11.67	54	28	32.72	15.29	33.68	100	221	A	H
		5046.58	53.38	-20.62	74	39.4	32.7	14.33	33.05	291	218	P	V
		5048.28	43.65	-10.35	54	29.67	32.7	14.33	33.05	291	218	A	V
	*	5270	97.84	-	-	83.94	32.56	14.73	33.39	291	218	P	V
	*	5270	88.82	-	-	74.92	32.56	14.73	33.39	291	218	A	V
		5448.48	50.71	-23.29	74	36.39	32.69	15.29	33.66	291	218	P	V
		5435.76	42.51	-11.49	54	28.23	32.64	15.28	33.64	291	218	A	V
802.11ax HE40 Full CH 62 5310MHz		5033.32	52.97	-21.03	74	38.98	32.7	14.32	33.03	103	229	P	H
		5005.78	43.87	-10.13	54	29.86	32.7	14.3	32.99	103	229	A	H
	*	5310	95.48	-	-	81.54	32.5	14.89	33.45	103	229	P	H
	*	5310	86.5	-	-	72.56	32.5	14.89	33.45	103	229	A	H
		5352	56.9	-17.1	74	42.85	32.5	15.07	33.52	103	229	P	H
		5350.08	47.73	-6.27	54	33.68	32.5	15.06	33.51	103	229	A	H
		5136.34	52.71	-21.29	74	38.88	32.63	14.39	33.19	177	220	P	V
		5093.5	43.69	-10.31	54	29.75	32.7	14.36	33.12	177	220	A	V
	*	5310	96.64	-	-	82.7	32.5	14.89	33.45	177	220	P	V
	*	5310	88.04	-	-	74.1	32.5	14.89	33.45	177	220	A	V
		5351.28	60.22	-13.78	74	46.16	32.5	15.07	33.51	177	220	P	V
		5351.04	48.78	-5.22	54	34.72	32.5	15.07	33.51	177	220	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	49.99	-18.21	68.2	34.54	37.26	17.09	38.9	-	-	P	H
		15810	53.79	-20.21	74	36.9	40.68	21.09	44.88	-	-	P	H
		15810	44.36	-9.64	54	27.47	40.68	21.09	44.88	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	49.55	-18.65	68.2	34.1	37.26	17.09	38.9	-	-	P	V
5270MHz		15810	53.55	-20.45	74	36.66	40.68	21.09	44.88	-	-	P	V
		15810	43.99	-10.01	54	27.1	40.68	21.09	44.88	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10620	50.01	-23.99	74	34.45	37.4	17.15	38.99	-	-	P	H
		10620	40.77	-13.23	54	25.21	37.4	17.15	38.99	-	-	A	H
		15930	53.9	-20.1	74	37.19	40.6	21.16	45.05	-	-	P	H
		15930	44.55	-9.45	54	27.84	40.6	21.16	45.05	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	49.69	-24.31	74	34.13	37.4	17.15	38.99	-	-	P	V
5310MHz		10620	40.47	-13.53	54	24.91	37.4	17.15	38.99	-	-	A	V
		15930	53.29	-20.71	74	36.58	40.6	21.16	45.05	-	-	P	V
		15930	44.13	-9.87	54	27.42	40.6	21.16	45.05	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5043.52	53.03	-20.97	74	39.05	32.7	14.33	33.05	100	222	P	H
		5037.06	43.67	-10.33	54	29.69	32.7	14.32	33.04	100	222	A	H
	*	5290	92.69	-	-	78.78	32.52	14.81	33.42	100	222	P	H
	*	5290	83.94	-	-	70.03	32.52	14.81	33.42	100	222	A	H
		5358.24	59.76	-14.24	74	45.68	32.5	15.1	33.52	100	222	P	H
		5350.8	49.31	-4.69	54	35.25	32.5	15.07	33.51	100	222	A	H
		5100.3	53.29	-20.71	74	39.35	32.7	14.37	33.13	105	224	P	V
		5007.82	43.69	-10.31	54	29.67	32.7	14.31	32.99	105	224	A	V
	*	5290	94.57	-	-	80.66	32.52	14.81	33.42	105	224	P	V
	*	5290	85.71	-	-	71.8	32.52	14.81	33.42	105	224	A	V
		5356.56	61.45	-12.55	74	47.38	32.5	15.09	33.52	105	224	P	V
		5354.4	51.02	-2.98	54	36.96	32.5	15.08	33.52	105	224	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	50.96	-17.24	68.2	35.43	37.36	17.11	38.94	-	-	P	H
		15870	53.87	-20.13	74	37.1	40.6	21.13	44.96	-	-	P	H
		15870	44.54	-9.46	54	27.77	40.6	21.13	44.96	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	49.34	-18.86	68.2	33.81	37.36	17.11	38.94	-	-	P	V
5290MHz		15870	53.84	-20.16	74	37.07	40.6	21.13	44.96	-	-	P	V
		15870	44.74	-9.26	54	27.97	40.6	21.13	44.96	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5456.24	51.94	-22.06	74	37.61	32.71	15.29	33.67	100	215	P	H
		5468.72	58.16	-10.04	68.2	43.82	32.74	15.29	33.69	100	215	P	H
		5459.12	43.07	-10.93	54	28.74	32.72	15.29	33.68	100	215	A	H
	*	5500	101.32	-	-	86.96	32.8	15.3	33.74	100	215	P	H
	*	5500	94.18	-	-	79.82	32.8	15.3	33.74	100	215	A	H
													H
		5459.76	54.69	-19.31	74	40.36	32.72	15.29	33.68	201	218	P	V
		5469.68	58.56	-9.64	68.2	44.22	32.74	15.29	33.69	201	218	P	V
		5459.12	43.48	-10.52	54	29.15	32.72	15.29	33.68	201	218	A	V
	*	5500	103.26	-	-	88.9	32.8	15.3	33.74	201	218	P	V
	*	5500	95.42	-	-	81.06	32.8	15.3	33.74	201	218	A	V
													V
802.11a CH 116 5580MHz		5444.56	51.37	-22.63	74	37.06	32.68	15.29	33.66	100	216	P	H
		5465.2	50.52	-17.68	68.2	36.19	32.73	15.29	33.69	100	216	P	H
		5453.68	42.4	-11.6	54	28.07	32.71	15.29	33.67	100	216	A	H
	*	5580	102.97	-	-	88.38	33.06	15.32	33.79	100	216	P	H
	*	5580	95.21	-	-	80.62	33.06	15.32	33.79	100	216	A	H
		5728.145	53.03	-15.17	68.2	37.91	33.81	15.19	33.88	100	216	P	H
		5392.24	52.15	-21.85	74	37.99	32.5	15.24	33.58	261	216	P	V
		5459.92	50.67	-17.53	68.2	36.34	32.72	15.29	33.68	261	216	P	V
		5459.68	42.37	-11.63	54	28.04	32.72	15.29	33.68	261	216	A	V
	*	5580	102.91	-	-	88.32	33.06	15.32	33.79	261	216	P	V
	*	5580	95.19	-	-	80.6	33.06	15.32	33.79	261	216	A	V
		5740.115	52.4	-15.8	68.2	37.25	33.86	15.17	33.88	261	216	P	V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	103.79	-	-	88.74	33.7	15.21	33.86	100	240	P	H
	*	5700	95.25	-	-	80.2	33.7	15.21	33.86	100	240	A	H
		5727.72	61.17	-7.03	68.2	46.05	33.81	15.19	33.88	100	240	P	H
													H
													H
													H
	*	5700	105.58	-	-	90.53	33.7	15.21	33.86	103	225	P	V
	*	5700	97.95	-	-	82.9	33.7	15.21	33.86	103	225	A	V
		5725.16	65.99	-2.21	68.2	50.88	33.8	15.19	33.88	103	225	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	49.79	-24.21	74	34.09	37.7	17.39	39.39	-	-	P	H
		11000	40.47	-13.53	54	24.77	37.7	17.39	39.39	-	-	A	H
		16500	52.71	-15.49	68.2	36.16	40.6	21.7	45.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	49.44	-24.56	74	33.74	37.7	17.39	39.39	-	-	P	V
		11000	40.3	-13.7	54	24.6	37.7	17.39	39.39	-	-	A	V
		16500	53.44	-14.76	68.2	36.89	40.6	21.7	45.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	49.65	-24.35	74	33.52	38.04	17.56	39.47	-	-	P	H
		11160	40.5	-13.5	54	24.37	38.04	17.56	39.47	-	-	A	H
		16740	53.38	-14.82	68.2	36.85	40.38	21.94	45.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz		11160	49.17	-24.83	74	33.04	38.04	17.56	39.47	-	-	P	V
		11160	40.04	-13.96	54	23.91	38.04	17.56	39.47	-	-	A	V
		16740	53.13	-15.07	68.2	36.6	40.38	21.94	45.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	51.27	-22.73	74	34.45	38.6	17.8	39.58	-	-	P	H
		11400	42.71	-11.29	54	25.89	38.6	17.8	39.58	-	-	A	H
		17100	53.83	-14.37	68.2	37.4	40.1	22.3	45.97	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	51.24	-22.76	74	34.42	38.6	17.8	39.58	-	-	P	V
		11400	42.89	-11.11	54	26.07	38.6	17.8	39.58	-	-	A	V
		17100	53.84	-14.36	68.2	37.41	40.1	22.3	45.97	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5450.48	51.45	-22.55	74	37.12	32.7	15.29	33.66	100	202	P	H
		5466.16	53.44	-14.76	68.2	39.11	32.73	15.29	33.69	100	202	P	H
		5459.76	42.61	-11.39	54	28.28	32.72	15.29	33.68	100	202	A	H
	*	5500	93.93	-	-	79.57	32.8	15.3	33.74	100	202	P	H
802.11n	*	5500	86.4	-	-	72.04	32.8	15.3	33.74	100	202	A	H
HT20													H
CH 100		5457.2	52.13	-21.87	74	37.8	32.71	15.29	33.67	286	220	P	V
5500MHz		5468.24	53.15	-15.05	68.2	38.81	32.74	15.29	33.69	286	220	P	V
		5456.4	42.42	-11.58	54	28.09	32.71	15.29	33.67	286	220	A	V
	*	5500	94.96	-	-	80.6	32.8	15.3	33.74	286	220	P	V
	*	5500	87.37	-	-	73.01	32.8	15.3	33.74	286	220	A	V
													V
	*	5700	101.56	-	-	86.51	33.7	15.21	33.86	100	228	P	H
	*	5700	93.91	-	-	78.86	33.7	15.21	33.86	100	228	A	H
		5725	60.98	-7.22	68.2	45.88	33.8	15.18	33.88	100	228	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	104.21	-	-	89.16	33.7	15.21	33.86	100	227	P	V
5700MHz	*	5700	96.65	-	-	81.6	33.7	15.21	33.86	100	227	A	V
		5725.16	65.9	-2.3	68.2	50.79	33.8	15.19	33.88	100	227	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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	50.45	-23.55	74	34.32	38.04	17.56	39.47	-	-	P	H
		11160	41.3	-12.7	54	25.17	38.04	17.56	39.47	-	-	A	H
		16740	53.88	-14.32	68.2	37.35	40.38	21.94	45.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 116		11160	49.9	-24.1	74	33.77	38.04	17.56	39.47	-	-	P	V
5580MHz		11160	40.74	-13.26	54	24.61	38.04	17.56	39.47	-	-	A	V
		16740	55.09	-13.11	68.2	38.56	40.38	21.94	45.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5449.52	51.17	-22.83	74	36.84	32.7	15.29	33.66	100	208	P	H
		5467.6	53.33	-14.87	68.2	38.99	32.74	15.29	33.69	100	208	P	H
		5448.72	42.4	-11.6	54	28.08	32.69	15.29	33.66	100	208	A	H
	*	5500	93.96	-	-	79.6	32.8	15.3	33.74	100	208	P	H
802.11ac	*	5500	86.28	-	-	71.92	32.8	15.3	33.74	100	208	A	H
VHT20													H
CH 100		5377.84	51.63	-22.37	74	37.51	32.5	15.17	33.55	301	219	P	V
5500MHz		5460.24	51.02	-17.18	68.2	36.69	32.72	15.29	33.68	301	219	P	V
		5451.44	42.41	-11.59	54	28.09	32.7	15.29	33.67	301	219	A	V
	*	5500	94.46	-	-	80.1	32.8	15.3	33.74	301	219	P	V
	*	5500	87.38	-	-	73.02	32.8	15.3	33.74	301	219	A	V
													V
	*	5700	102.06	-	-	87.01	33.7	15.21	33.86	100	229	P	H
	*	5700	94.19	-	-	79.14	33.7	15.21	33.86	100	229	A	H
		5725.24	59.23	-8.97	68.2	44.12	33.8	15.19	33.88	100	229	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	104.24	-	-	89.19	33.7	15.21	33.86	100	233	P	V
5700MHz	*	5700	96.59	-	-	81.54	33.7	15.21	33.86	100	233	A	V
		5725.08	65.58	-2.62	68.2	50.47	33.8	15.19	33.88	100	233	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	50.23	-23.77	74	34.1	38.04	17.56	39.47	-	-	P	H
		11160	41.08	-12.92	54	24.95	38.04	17.56	39.47	-	-	A	H
		16740	53.31	-14.89	68.2	36.78	40.38	21.94	45.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 116		11160	49.57	-24.43	74	33.44	38.04	17.56	39.47	-	-	P	V
5580MHz		11160	40.4	-13.6	54	24.27	38.04	17.56	39.47	-	-	A	V
		16740	53.69	-14.51	68.2	37.16	40.38	21.94	45.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 102 5510MHz		5458.24	55.86	-18.14	74	41.53	32.72	15.29	33.68	100	204	P	H
		5466.16	58.72	-9.48	68.2	44.39	32.73	15.29	33.69	100	204	P	H
		5458.24	43.61	-10.39	54	29.28	32.72	15.29	33.68	100	204	A	H
	*	5510	97.75	-	-	83.36	32.84	15.3	33.75	100	204	P	H
	*	5510	89.92	-	-	75.53	32.84	15.3	33.75	100	204	A	H
		5753.975	52.81	-15.39	68.2	37.64	33.91	15.15	33.89	100	204	P	H
		5456.8	54.49	-19.51	74	40.16	32.71	15.29	33.67	100	245	P	V
		5466.64	58.82	-9.38	68.2	44.49	32.73	15.29	33.69	100	245	P	V
		5457.76	43.8	-10.2	54	29.47	32.72	15.29	33.68	100	245	A	V
	*	5510	98.3	-	-	83.91	32.84	15.3	33.75	100	245	P	V
	*	5510	90.53	-	-	76.14	32.84	15.3	33.75	100	245	A	V
		5731.295	53.05	-15.15	68.2	37.92	33.83	15.18	33.88	100	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11100	50.48	-23.52	74	34.52	37.9	17.5	39.44	-	-	P	H
		11100	41.37	-12.63	54	25.41	37.9	17.5	39.44	-	-	A	H
		16650	53.07	-15.13	68.2	36.7	40.3	21.85	45.78	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 110		11100	50.32	-23.68	74	34.36	37.9	17.5	39.44	-	-	P	V
5550MHz		11100	41.18	-12.82	54	25.22	37.9	17.5	39.44	-	-	A	V
		16650	54.21	-13.99	68.2	37.84	40.3	21.85	45.78	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5453.92	52.04	-21.96	74	37.71	32.71	15.29	33.67	100	210	P	H
		5468.56	52.36	-15.84	68.2	38.02	32.74	15.29	33.69	100	210	P	H
		5453.2	43	-11	54	28.67	32.71	15.29	33.67	100	210	A	H
	*	5530	93.78	-	-	79.31	32.92	15.31	33.76	100	210	P	H
	*	5530	86.03	-	-	71.56	32.92	15.31	33.76	100	210	A	H
		5728.775	52.34	-15.86	68.2	37.21	33.82	15.19	33.88	100	210	P	H
		5445.52	52.75	-21.25	74	38.44	32.68	15.29	33.66	301	214	P	V
		5469.28	54.2	-14	68.2	39.86	32.74	15.29	33.69	301	214	P	V
		5452	43.14	-10.86	54	28.82	32.7	15.29	33.67	301	214	A	V
	*	5530	93.93	-	-	79.46	32.92	15.31	33.76	301	214	P	V
	*	5530	85.92	-	-	71.45	32.92	15.31	33.76	301	214	A	V
		5753.345	53.31	-14.89	68.2	38.14	33.91	15.15	33.89	301	214	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11220	49.45	-24.55	74	33.09	38.24	17.62	39.5	-	-	P	H
		11220	40.29	-13.71	54	23.93	38.24	17.62	39.5	-	-	A	H
		16830	53.78	-14.42	68.2	37	40.56	22.03	45.81	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 122		11220	49.65	-24.35	74	33.29	38.24	17.62	39.5	-	-	P	V
5610MHz		11220	40.5	-13.5	54	24.14	38.24	17.62	39.5	-	-	A	V
		16830	53.87	-14.33	68.2	37.09	40.56	22.03	45.81	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	57.63	-16.37	74	43.3	32.72	15.29	33.68	100	205	P	H
		5469.36	59.98	-8.22	68.2	45.64	32.74	15.29	33.69	100	205	P	H
		5459.6	43.74	-10.26	54	29.41	32.72	15.29	33.68	100	205	A	H
	*	5500	102.82	-	-	88.46	32.8	15.3	33.74	100	205	P	H
802.11ax	*	5500	94.2	-	-	79.84	32.8	15.3	33.74	100	205	A	H
HE20 Full		5456.56	52.75	-21.25	74	38.42	32.71	15.29	33.67	100	239	P	V
CH 100		5466.64	56.68	-11.52	68.2	42.35	32.73	15.29	33.69	100	239	P	V
5500MHz		5458.64	43.59	-10.41	54	29.26	32.72	15.29	33.68	100	239	A	V
	*	5500	101.6	-	-	87.24	32.8	15.3	33.74	100	239	P	V
	*	5500	93.66	-	-	79.3	32.8	15.3	33.74	100	239	A	V
													V
													V
		5449.6	51.2	-22.8	74	36.87	32.7	15.29	33.66	100	203	P	H
		5463.76	50.12	-18.08	68.2	35.78	32.73	15.29	33.68	100	203	P	H
		5459.44	42.45	-11.55	54	28.12	32.72	15.29	33.68	100	203	A	H
	*	5580	104.2	-	-	89.61	33.06	15.32	33.79	100	203	P	H
802.11ax	*	5580	94.86	-	-	80.27	33.06	15.32	33.79	100	203	A	H
HE20 Full		5736.965	52.6	-15.6	68.2	37.45	33.85	15.18	33.88	100	203	P	H
CH 116		5436.64	51.64	-22.36	74	37.35	32.65	15.28	33.64	290	218	P	V
5580MHz		5466.4	50.02	-18.18	68.2	35.69	32.73	15.29	33.69	290	218	P	V
		5451.28	42.49	-11.51	54	28.17	32.7	15.29	33.67	290	218	A	V
	*	5580	103.04	-	-	88.45	33.06	15.32	33.79	290	218	P	V
	*	5580	94.88	-	-	80.29	33.06	15.32	33.79	290	218	A	V
		5735.075	51.72	-16.48	68.2	36.58	33.84	15.18	33.88	290	218	P	V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5700	101.28	-	-	86.23	33.7	15.21	33.86	100	227	P	H
	*	5700	92.94	-	-	77.89	33.7	15.21	33.86	100	227	A	H
		5725.88	58.6	-9.6	68.2	43.49	33.8	15.19	33.88	100	227	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	103.66	-	-	88.61	33.7	15.21	33.86	100	224	P	V
5700MHz	*	5700	95.62	-	-	80.57	33.7	15.21	33.86	100	224	A	V
		5725.64	64.4	-3.8	68.2	49.29	33.8	15.19	33.88	100	224	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 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	50.06	-23.94	74	34.36	37.7	17.39	39.39	-	-	P	H
		11000	40.95	-13.05	54	25.25	37.7	17.39	39.39	-	-	A	H
		16500	52.82	-15.38	68.2	36.27	40.6	21.7	45.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	49.9	-24.1	74	34.2	37.7	17.39	39.39	-	-	P	V
5500MHz		11000	40.73	-13.27	54	25.03	37.7	17.39	39.39	-	-	A	V
		16500	52.85	-15.35	68.2	36.3	40.6	21.7	45.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	50.6	-23.4	74	34.47	38.04	17.56	39.47	-	-	P	H
		11160	41.43	-12.57	54	25.3	38.04	17.56	39.47	-	-	A	H
		16740	53.8	-14.4	68.2	37.27	40.38	21.94	45.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	49.94	-24.06	74	33.81	38.04	17.56	39.47	-	-	P	V
5580MHz		11160	40.78	-13.22	54	24.65	38.04	17.56	39.47	-	-	A	V
		16740	54.62	-13.58	68.2	38.09	40.38	21.94	45.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	51.32	-22.68	74	34.5	38.6	17.8	39.58	-	-	P	H
		11400	42.69	-11.31	54	25.87	38.6	17.8	39.58	-	-	A	H
		17100	54.06	-14.14	68.2	37.63	40.1	22.3	45.97	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	50.84	-23.16	74	34.02	38.6	17.8	39.58	-	-	P	V
5700MHz		11400	42.57	-11.43	54	25.75	38.6	17.8	39.58	-	-	A	V
		17100	53.94	-14.26	68.2	37.51	40.1	22.3	45.97	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5361.68	51.39	-22.61	74	37.31	32.5	15.11	33.53	100	233	P	H
		5460.08	50.54	-17.66	68.2	36.21	32.72	15.29	33.68	100	233	P	H
		5451.6	42.27	-11.73	54	27.95	32.7	15.29	33.67	100	233	A	H
	*	5500	100.91	-	-	86.55	32.8	15.3	33.74	100	233	P	H
	*	5500	95.08	-	-	80.72	32.8	15.3	33.74	100	233	A	H
													H
		5449.84	50.87	-23.13	74	36.54	32.7	15.29	33.66	121	223	P	V
		5466.96	50.41	-17.79	68.2	36.08	32.73	15.29	33.69	121	223	P	V
		5446.16	42	-12	54	27.69	32.68	15.29	33.66	121	223	A	V
	*	5500	103.21	-	-	88.85	32.8	15.3	33.74	121	223	P	V
	*	5500	96.01	-	-	81.65	32.8	15.3	33.74	121	223	A	V
													V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	110.74	-	-	95.69	33.7	15.21	33.86	101	227	P	H
	*	5700	105.03	-	-	89.98	33.7	15.21	33.86	101	227	A	H
		5728.92	65.36	-2.84	68.2	50.23	33.82	15.19	33.88	101	227	P	H
													H
													H
													H
	*	5700	112.61	-	-	97.56	33.7	15.21	33.86	112	224	P	V
	*	5700	107.7	-	-	92.65	33.7	15.21	33.86	112	224	A	V
		5726.84	66.5	-1.7	68.2	51.38	33.81	15.19	33.88	112	224	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 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5500MHz		11000	50.38	-23.62	74	34.68	37.7	17.39	39.39	-	-	P	H
		11000	41.22	-12.78	54	25.52	37.7	17.39	39.39	-	-	A	H
		16500	54.65	-13.55	68.2	38.1	40.6	21.7	45.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	51.41	-22.59	74	35.71	37.7	17.39	39.39	-	-	P	V
		11000	41.34	-12.66	54	25.64	37.7	17.39	39.39	-	-	A	V
		16500	55.92	-12.28	68.2	39.37	40.6	21.7	45.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 116 5580MHz		11160	52.41	-21.59	74	36.28	38.04	17.56	39.47	-	-	P	H
		11160	41.95	-12.05	54	25.82	38.04	17.56	39.47	-	-	A	H
		16740	55.6	-12.6	68.2	39.07	40.38	21.94	45.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	51.44	-22.56	74	35.31	38.04	17.56	39.47	-	-	P	V
		11160	41.98	-12.02	54	25.85	38.04	17.56	39.47	-	-	A	V
		16740	54.6	-13.6	68.2	38.07	40.38	21.94	45.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
s802.11ax HE20 Partial 26/8 CH 140 5700MHz		11400	51.07	-22.93	74	34.25	38.6	17.8	39.58	-	-	P	H
		11400	41.92	-12.08	54	25.1	38.6	17.8	39.58	-	-	A	H
		17100	53.27	-14.93	68.2	36.84	40.1	22.3	45.97	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	52.19	-21.81	74	35.37	38.6	17.8	39.58	-	-	P	V
		11400	43.06	-10.94	54	26.24	38.6	17.8	39.58	-	-	A	V
		17100	53.46	-14.74	68.2	37.03	40.1	22.3	45.97	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.32	51.61	-22.39	74	37.28	32.72	15.29	33.68	101	232	P	H
		5462.96	51.16	-17.04	68.2	36.82	32.73	15.29	33.68	101	232	P	H
		5455.28	42.19	-11.81	54	27.86	32.71	15.29	33.67	101	232	A	H
802.11ax	*	5500	103.03	-	-	88.67	32.8	15.3	33.74	101	232	P	H
HE20	*	5500	95.33	-	-	80.97	32.8	15.3	33.74	101	232	A	H
Partial													H
52/37		5369.52	51.06	-22.94	74	36.96	32.5	15.14	33.54	108	226	P	V
CH 100		5463.6	51.45	-16.75	68.2	37.11	32.73	15.29	33.68	108	226	P	V
5500MHz		5455.76	42.18	-11.82	54	27.85	32.71	15.29	33.67	108	226	A	V
	*	5500	105.28	-	-	90.92	32.8	15.3	33.74	108	226	P	V
	*	5500	96.55	-	-	82.19	32.8	15.3	33.74	108	226	A	V
													V
	*	5700	108.65	-	-	93.6	33.7	15.21	33.86	100	227	P	H
	*	5700	101.9	-	-	86.85	33.7	15.21	33.86	100	227	A	H
		5727.48	63.86	-4.34	68.2	48.74	33.81	15.19	33.88	100	227	P	H
802.11ax													H
HE20													H
Partial													H
52/40	*	5700	111.01	-	-	95.96	33.7	15.21	33.86	100	228	P	V
CH 140	*	5700	104.12	-	-	89.07	33.7	15.21	33.86	100	228	A	V
5700MHz		5725.88	66.21	-1.99	68.2	51.1	33.8	15.19	33.88	100	228	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 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5448.24	50.89	-23.11	74	36.57	32.69	15.29	33.66	100	236	P	H
		5466.96	51.86	-16.34	68.2	37.53	32.73	15.29	33.69	100	236	P	H
		5459.92	42.27	-11.73	54	27.94	32.72	15.29	33.68	100	236	A	H
802.11ax	*	5500	102.99	-	-	88.63	32.8	15.3	33.74	100	236	P	H
HE20	*	5500	94.44	-	-	80.08	32.8	15.3	33.74	100	236	A	H
Partial													H
106/53		5451.92	52.93	-21.07	74	38.61	32.7	15.29	33.67	102	227	P	V
CH 100		5468.4	54.35	-13.85	68.2	40.01	32.74	15.29	33.69	102	227	P	V
5500MHz		5458.48	42.37	-11.63	54	28.04	32.72	15.29	33.68	102	227	A	V
	*	5500	104.3	-	-	89.94	32.8	15.3	33.74	102	227	P	V
	*	5500	95.8	-	-	81.44	32.8	15.3	33.74	102	227	A	V
													V
	*	5700	107.16	-	-	92.11	33.7	15.21	33.86	100	227	P	H
	*	5700	99.68	-	-	84.63	33.7	15.21	33.86	100	227	A	H
		5725.24	64.28	-3.92	68.2	49.17	33.8	15.19	33.88	100	227	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	108.46	-	-	93.41	33.7	15.21	33.86	100	226	P	V
CH 140	*	5700	101.96	-	-	86.91	33.7	15.21	33.86	100	226	A	V
5700MHz		5725	66.64	-1.56	68.2	51.54	33.8	15.18	33.88	100	226	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 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5449.6	54.42	-19.58	74	40.09	32.7	15.29	33.66	100	200	P	H
		5467.12	57.49	-10.71	68.2	43.16	32.73	15.29	33.69	100	200	P	H
		5459.68	43.31	-10.69	54	28.98	32.72	15.29	33.68	100	200	A	H
	*	5510	101.37	-	-	86.98	32.84	15.3	33.75	100	200	P	H
802.11ax	*	5510	90.29	-	-	75.9	32.84	15.3	33.75	100	200	A	H
HE40 Full		5742.32	52.56	-15.64	68.2	37.41	33.87	15.17	33.89	100	200	P	H
CH 102		5458.48	52.98	-21.02	74	38.65	32.72	15.29	33.68	302	217	P	V
5510MHz		5469.76	59.03	-9.17	68.2	44.69	32.74	15.29	33.69	302	217	P	V
		5459.2	43.36	-10.64	54	29.03	32.72	15.29	33.68	302	217	A	V
	*	5510	101.35	-	-	86.96	32.84	15.3	33.75	302	217	P	V
	*	5510	90.13	-	-	75.74	32.84	15.3	33.75	302	217	A	V
		5764.055	53.09	-15.11	68.2	37.92	33.93	15.14	33.9	302	217	P	V
		5458.96	51.35	-22.65	74	37.02	32.72	15.29	33.68	100	209	P	H
		5462.56	49.75	-18.45	68.2	35.41	32.73	15.29	33.68	100	209	P	H
		5452.48	42.47	-11.53	54	28.15	32.7	15.29	33.67	100	209	A	H
	*	5550	99.17	-	-	84.63	33	15.31	33.77	100	209	P	H
802.11ax	*	5550	90.47	-	-	75.93	33	15.31	33.77	100	209	A	H
HE40 Full		5743.58	52.27	-15.93	68.2	37.12	33.87	15.17	33.89	100	209	P	H
CH 110		5452.96	51.57	-22.43	74	37.24	32.71	15.29	33.67	295	217	P	V
5550MHz		5470	52.15	-16.05	68.2	37.81	32.74	15.29	33.69	295	217	P	V
		5453.44	42.45	-11.55	54	28.12	32.71	15.29	33.67	295	217	A	V
	*	5550	99.15	-	-	84.61	33	15.31	33.77	295	217	P	V
	*	5550	90.79	-	-	76.25	33	15.31	33.77	295	217	A	V
		5739.485	52.03	-16.17	68.2	36.88	33.86	15.17	33.88	295	217	P	V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5438.2	50.93	-23.07	74	36.65	32.65	15.28	33.65	100	205	P	H
		5460.95	51.05	-17.15	68.2	36.72	32.72	15.29	33.68	100	205	P	H
		5451.85	42.26	-11.74	54	27.94	32.7	15.29	33.67	100	205	A	H
	*	5670	99.74	-	-	84.81	33.52	15.25	33.84	100	205	P	H
802.11ax	*	5670	91.72	-	-	76.79	33.52	15.25	33.84	100	205	A	H
HE40 Full		5741.375	54.83	-13.37	68.2	39.67	33.87	15.17	33.88	100	205	P	H
CH 134		5457.8	50.54	-23.46	74	36.21	32.72	15.29	33.68	284	219	P	V
5670MHz		5469.35	50.27	-17.93	68.2	35.93	32.74	15.29	33.69	284	219	P	V
		5459.2	42.32	-11.68	54	27.99	32.72	15.29	33.68	284	219	A	V
	*	5670	100.4	-	-	85.47	33.52	15.25	33.84	284	219	P	V
	*	5670	92.65	-	-	77.72	33.52	15.25	33.84	284	219	A	V
		5732.625	55.2	-13	68.2	40.07	33.83	15.18	33.88	284	219	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	50.84	-23.16	74	35.09	37.74	17.41	39.4	-	-	P	H
		11020	41.71	-12.29	54	25.96	37.74	17.41	39.4	-	-	A	H
		16530	54.01	-14.19	68.2	37.5	40.54	21.73	45.76	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	50.78	-23.22	74	35.03	37.74	17.41	39.4	-	-	P	V
5510MHz		11020	41.61	-12.39	54	25.86	37.74	17.41	39.4	-	-	A	V
		16530	53.58	-14.62	68.2	37.07	40.54	21.73	45.76	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11100	50.87	-23.13	74	34.91	37.9	17.5	39.44	-	-	P	H
		11100	41.69	-12.31	54	25.73	37.9	17.5	39.44	-	-	A	H
		16650	53.25	-14.95	68.2	36.88	40.3	21.85	45.78	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	50.98	-23.02	74	35.02	37.9	17.5	39.44	-	-	P	V
5550MHz		11100	41.81	-12.19	54	25.85	37.9	17.5	39.44	-	-	A	V
		16650	53.97	-14.23	68.2	37.6	40.3	21.85	45.78	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11340	50.42	-23.58	74	33.75	38.48	17.74	39.55	-	-	P	H
		11340	41.27	-12.73	54	24.6	38.48	17.74	39.55	-	-	A	H
		17010	54.12	-14.08	68.2	37.58	40.18	22.21	45.85	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	50.3	-23.7	74	33.63	38.48	17.74	39.55	-	-	P	V
5670MHz		11340	41.17	-12.83	54	24.5	38.48	17.74	39.55	-	-	A	V
		17010	54.08	-14.12	68.2	37.54	40.18	22.21	45.85	-	-	P	V
													V
													V
													V
													V
													V
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													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5445.52	51.66	-22.34	74	37.35	32.68	15.29	33.66	100	203	P	H
		5464	53.83	-14.37	68.2	39.5	32.73	15.29	33.69	100	203	P	H
		5459.44	42.87	-11.13	54	28.54	32.72	15.29	33.68	100	203	A	H
	*	5530	96.48	-	-	82.01	32.92	15.31	33.76	100	203	P	H
802.11ax	*	5530	86.59	-	-	72.12	32.92	15.31	33.76	100	203	A	H
HE80 Full		5748.935	51.92	-16.28	68.2	36.75	33.9	15.16	33.89	100	203	P	H
CH 106		5458.72	52.33	-21.67	74	38	32.72	15.29	33.68	297	221	P	V
5530MHz		5463.04	51.8	-16.4	68.2	37.46	32.73	15.29	33.68	297	221	P	V
		5457.52	42.99	-11.01	54	28.66	32.72	15.29	33.68	297	221	A	V
	*	5530	94.55	-	-	80.08	32.92	15.31	33.76	297	221	P	V
	*	5530	86.19	-	-	71.72	32.92	15.31	33.76	297	221	A	V
		5761.535	52.16	-16.04	68.2	37	33.92	15.14	33.9	297	221	P	V
		5434.48	50.72	-23.28	74	36.44	32.64	15.28	33.64	100	193	P	H
		5463.28	50.4	-17.8	68.2	36.06	32.73	15.29	33.68	100	193	P	H
		5453.92	42.44	-11.56	54	28.11	32.71	15.29	33.67	100	193	A	H
	*	5610	96.92	-	-	82.25	33.16	15.32	33.81	100	193	P	H
802.11ax	*	5610	87.81	-	-	73.14	33.16	15.32	33.81	100	193	A	H
HE80 Full		5751.14	52.48	-15.72	68.2	37.31	33.9	15.16	33.89	100	193	P	H
CH 122		5445.04	51.19	-22.81	74	36.88	32.68	15.29	33.66	286	219	P	V
5610MHz		5467.12	50.07	-18.13	68.2	35.74	32.73	15.29	33.69	286	219	P	V
		5454.64	42.32	-11.68	54	27.99	32.71	15.29	33.67	286	219	A	V
	*	5610	97.96	-	-	83.29	33.16	15.32	33.81	286	219	P	V
	*	5610	87.7	-	-	73.03	33.16	15.32	33.81	286	219	A	V
		5742.95	52.76	-15.44	68.2	37.61	33.87	15.17	33.89	286	219	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	51.13	-22.87	74	35.28	37.82	17.45	39.42	-	-	P	H
		11060	41.95	-12.05	54	26.1	37.82	17.45	39.42	-	-	A	H
		16590	53.39	-14.81	68.2	36.95	40.42	21.79	45.77	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	50.35	-23.65	74	34.5	37.82	17.45	39.42	-	-	P	V
5530MHz		11060	41.22	-12.78	54	25.37	37.82	17.45	39.42	-	-	A	V
		16590	54.14	-14.06	68.2	37.7	40.42	21.79	45.77	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11220	50.49	-23.51	74	34.13	38.24	17.62	39.5	-	-	P	H
		11220	40.99	-13.01	54	24.63	38.24	17.62	39.5	-	-	A	H
		16830	54.13	-14.07	68.2	37.35	40.56	22.03	45.81	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	49.89	-24.11	74	33.53	38.24	17.62	39.5	-	-	P	V
5610MHz		11220	40.73	-13.27	54	24.37	38.24	17.62	39.5	-	-	A	V
		16830	54.32	-13.88	68.2	37.54	40.56	22.03	45.81	-	-	P	V
													V
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													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5442.82	51.32	-22.68	74	37.02	32.67	15.28	33.65	100	217	P	H
		5468.95	51.03	-17.17	68.2	36.69	32.74	15.29	33.69	100	217	P	H
		5456.47	42.32	-11.68	54	27.99	32.71	15.29	33.67	100	217	A	H
	*	5720	101.76	-	-	86.66	33.78	15.19	33.87	100	217	P	H
	*	5720	94.73	-	-	79.63	33.78	15.19	33.87	100	217	A	H
		5932.75	52.7	-15.5	68.2	37.21	33.97	15.52	34	100	217	P	H
		5433.46	50.87	-23.13	74	36.6	32.63	15.28	33.64	100	219	P	V
		5467.39	49.51	-18.69	68.2	35.18	32.73	15.29	33.69	100	219	P	V
		5459.59	42.25	-11.75	54	27.92	32.72	15.29	33.68	100	219	A	V
	*	5720	103.85	-	-	88.75	33.78	15.19	33.87	100	219	P	V
	*	5720	97.26	-	-	82.16	33.78	15.19	33.87	100	219	A	V
		5863	52.64	-15.56	68.2	37.4	33.9	15.3	33.96	100	219	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	51.01	-22.99	74	34.16	38.6	17.85	39.6	-	-	P	H
		11440	41.89	-12.11	54	25.04	38.6	17.85	39.6	-	-	A	H
		17160	53.58	-14.62	68.2	37.29	39.98	22.35	46.04	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	51.36	-22.64	74	34.51	38.6	17.85	39.6	-	-	P	V
		11440	42.22	-11.78	54	25.37	38.6	17.85	39.6	-	-	A	V
		17160	53.35	-14.85	68.2	37.06	39.98	22.35	46.04	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		5415.13	51.17	-22.83	74	36.94	32.56	15.28	33.61	100	205	P	H
		5468.95	51.48	-16.72	68.2	37.14	32.74	15.29	33.69	100	205	P	H
		5442.43	42.46	-11.54	54	28.16	32.67	15.28	33.65	100	205	A	H
	*	5720	103.92	-	-	88.82	33.78	15.19	33.87	100	205	P	H
	*	5720	95.75	-	-	80.65	33.78	15.19	33.87	100	205	A	H
		5873.75	52.81	-15.39	68.2	37.54	33.9	15.33	33.96	100	205	P	H
		5455.69	51.6	-22.4	74	37.27	32.71	15.29	33.67	294	216	P	V
		5467.78	49.64	-18.56	68.2	35.3	32.74	15.29	33.69	294	216	P	V
		5446.72	42.48	-11.52	54	28.16	32.69	15.29	33.66	294	216	A	V
	*	5720	105.99	-	-	90.89	33.78	15.19	33.87	294	216	P	V
	*	5720	97.23	-	-	82.13	33.78	15.19	33.87	294	216	A	V
		5942.75	53.76	-14.44	68.2	38.22	33.99	15.56	34.01	294	216	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	51.39	-22.61	74	34.54	38.6	17.85	39.6	-	-	P	H
		11440	42.26	-11.74	54	25.41	38.6	17.85	39.6	-	-	A	H
		17160	53.92	-14.28	68.2	37.63	39.98	22.35	46.04	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	50.89	-23.11	74	34.04	38.6	17.85	39.6	-	-	P	V
5720MHz		11440	41.73	-12.27	54	24.88	38.6	17.85	39.6	-	-	A	V
		17160	53.7	-14.5	68.2	37.41	39.98	22.35	46.04	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5446.72	50.82	-23.18	74	36.5	32.69	15.29	33.66	100	214	P	H
		5465.05	50.5	-17.7	68.2	36.17	32.73	15.29	33.69	100	214	P	H
		5449.84	42.29	-11.71	54	27.96	32.7	15.29	33.66	100	214	A	H
	*	5710	102.34	-	-	87.27	33.74	15.2	33.87	100	214	P	H
	*	5710	92.64	-	-	77.57	33.74	15.2	33.87	100	214	A	H
		5874.75	52.26	-15.94	68.2	36.98	33.9	15.34	33.96	100	214	P	H
		5368.33	50.45	-23.55	74	36.36	32.5	15.13	33.54	293	221	P	V
		5469.34	49.64	-18.56	68.2	35.3	32.74	15.29	33.69	293	221	P	V
		5445.55	42.26	-11.74	54	27.95	32.68	15.29	33.66	293	221	A	V
	*	5710	102.94	-	-	87.87	33.74	15.2	33.87	293	221	P	V
	*	5710	93.67	-	-	78.6	33.74	15.2	33.87	293	221	A	V
		5917.75	53.72	-14.48	68.2	38.3	33.94	15.47	33.99	293	221	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	51.47	-22.53	74	34.63	38.6	17.83	39.59	-	-	P	H
		11420	42.33	-11.67	54	25.49	38.6	17.83	39.59	-	-	A	H
		17130	52.89	-15.31	68.2	36.53	40.04	22.32	46	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	50.65	-23.35	74	33.81	38.6	17.83	39.59	-	-	P	V
5710MHz		11420	41.52	-12.48	54	24.68	38.6	17.83	39.59	-	-	A	V
		17130	53.3	-14.9	68.2	36.94	40.04	22.32	46	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 Straddle Channel

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		5438.53	52.11	-21.89	74	37.83	32.65	15.28	33.65	100	212	P	H
		5468.17	51.55	-16.65	68.2	37.21	32.74	15.29	33.69	100	212	P	H
		5438.14	42.45	-11.55	54	28.17	32.65	15.28	33.65	100	212	A	H
	*	5690	96.37	-	-	81.35	33.64	15.23	33.85	100	212	P	H
	*	5690	87.85	-	-	72.83	33.64	15.23	33.85	100	212	A	H
		5877	53.49	-14.71	68.2	38.21	33.9	15.35	33.97	100	212	P	H
		5398.36	51.29	-22.71	74	37.12	32.5	15.26	33.59	281	219	P	V
		5467.39	51.04	-17.16	68.2	36.71	32.73	15.29	33.69	281	219	P	V
		5450.62	42.3	-11.7	54	27.97	32.7	15.29	33.66	281	219	A	V
	*	5690	97.1	-	-	82.08	33.64	15.23	33.85	281	219	P	V
	*	5690	88.76	-	-	73.74	33.64	15.23	33.85	281	219	A	V
		5917.75	53.07	-15.13	68.2	37.65	33.94	15.47	33.99	281	219	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	50.88	-23.12	74	34.11	38.56	17.78	39.57	-	-	P	H
		11380	41.76	-12.24	54	24.99	38.56	17.78	39.57	-	-	A	H
		17070	54.21	-13.99	68.2	37.77	40.1	22.27	45.93	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	51.04	-22.96	74	34.27	38.56	17.78	39.57	-	-	P	V
5690MHz		11380	41.9	-12.1	54	25.13	38.56	17.78	39.57	-	-	A	V
		17070	54.09	-14.11	68.2	37.65	40.1	22.27	45.93	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission above 1GHz

WIFI 802. 11ax HE20 Partial 106 (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		24928.65	44.87	-23.33	68.2	51.45	39.44	13.62	59.64	-	-	P	H
		39789.85	48.41	-25.59	74	47.28	44.9	20.25	64.02	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20													H
Partial 106		25032.78	44.49	-23.71	68.2	50.94	39.43	13.67	59.55	-	-	P	V
SHF		39985.99	47.97	-26.03	74	47.55	44.33	20.18	64.09	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802. 11ax HE20 Partial 106 (LF @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		101.44	32.51	-10.99	43.5	47.38	16.12	1.68	32.67	-	-	P	H
		188.39	26.57	-16.93	43.5	42.2	14.8	2.27	32.7	-	-	P	H
		403.18	30.72	-15.28	46	38.61	21.87	3.09	32.85	-	-	P	H
		616.5	27.87	-18.13	46	30.93	26.22	3.74	33.02	-	-	P	H
		779.5	30.79	-15.21	46	31.24	28.16	4.11	32.72	-	-	P	H
		844	32.32	-13.68	46	31.44	28.93	4.33	32.38	-	-	P	H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 106 LF													H
		69.48	22.13	-17.87	40	40.74	12.56	1.54	32.71	-	-	P	V
		100.5	27.28	-16.22	43.5	42.25	16.03	1.67	32.67	-	-	P	V
		161.13	22.66	-20.84	43.5	36.72	16.47	2.16	32.69	-	-	P	V
		556	27.36	-18.64	46	30.62	26.15	3.59	33	-	-	P	V
		752	31.02	-14.98	46	31.49	28.27	4.05	32.79	-	-	P	V
		853.5	32.02	-13.98	46	30.81	29.18	4.35	32.32	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

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

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

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin (dB)

= Leve(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

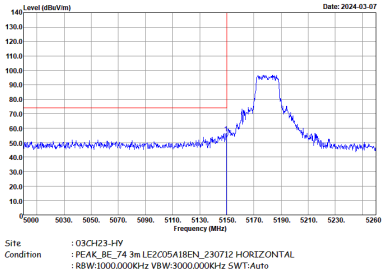
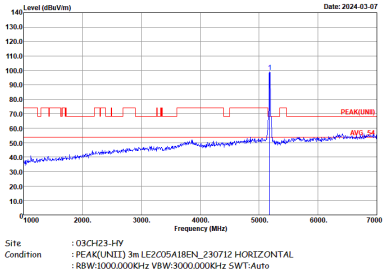
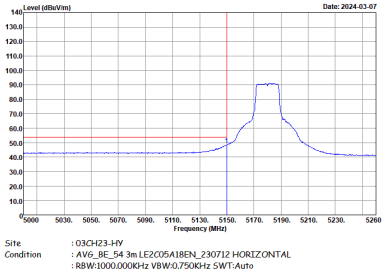
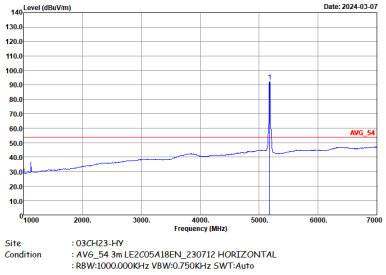
Test Engineer :	Leo Li and Karl Hou	**Temperature :**	18~25°C
		Relative Humidity :	57~65%

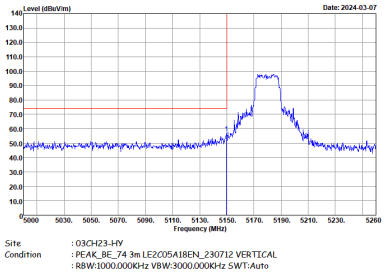
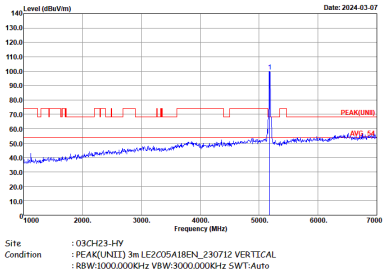
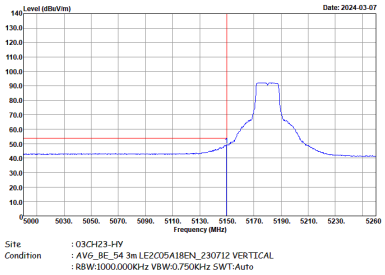
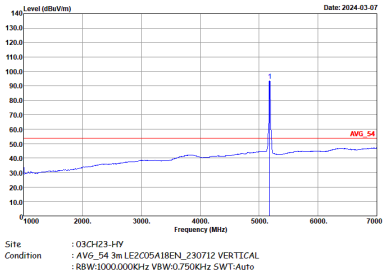
Note symbol

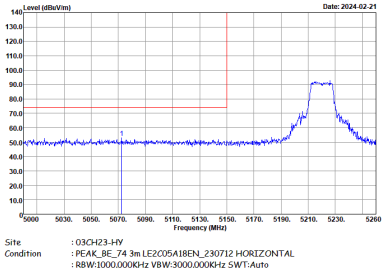
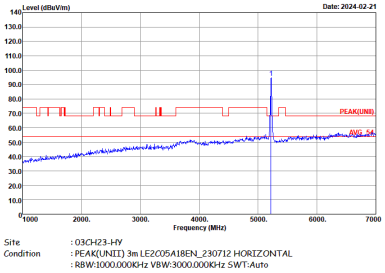
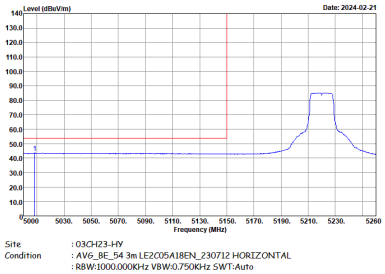
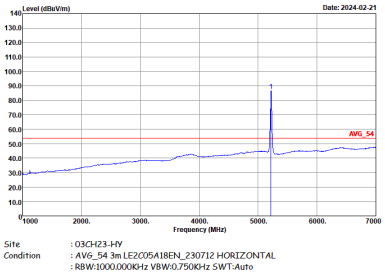
-L	**Low channel location**
-R	**High channel location**

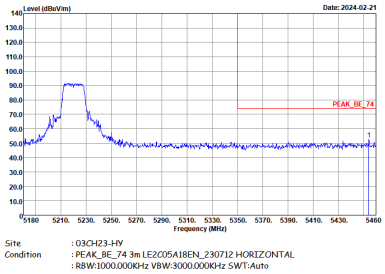
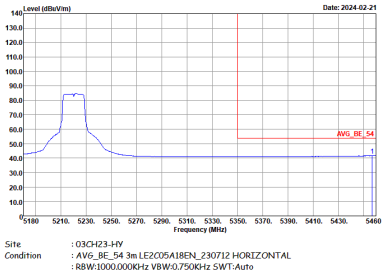
Band 1 - 5150~5250MHz

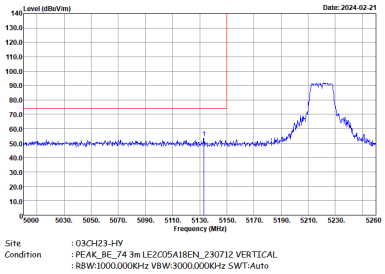
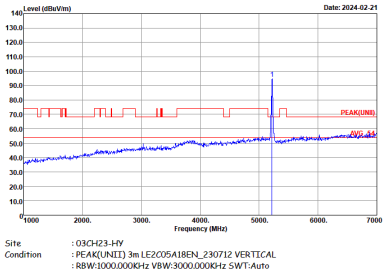
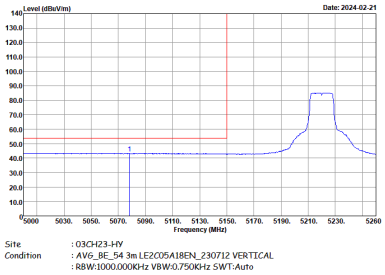
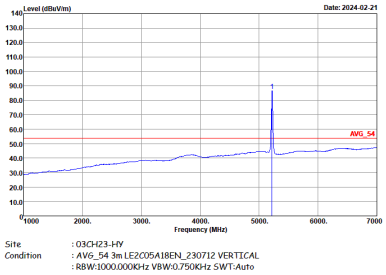
WIFI 802.11a (Band Edge @ 3m)

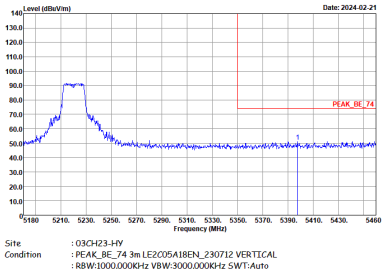
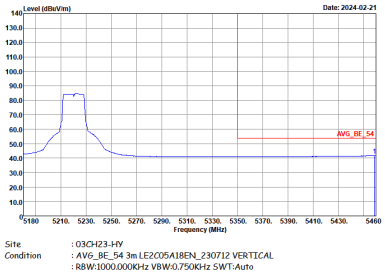
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

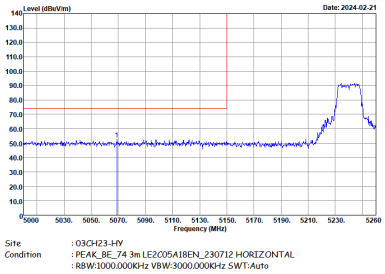
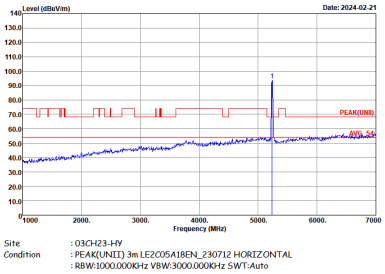
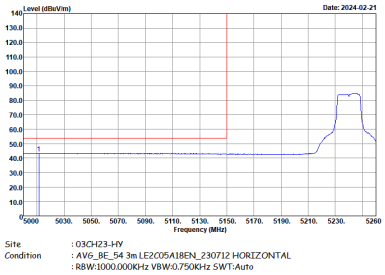
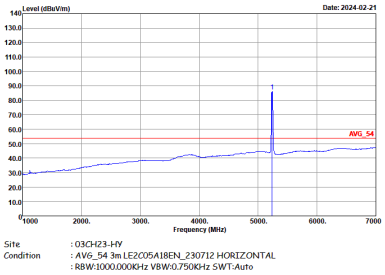
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		

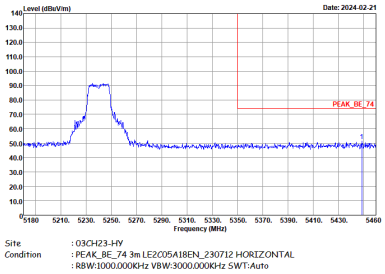
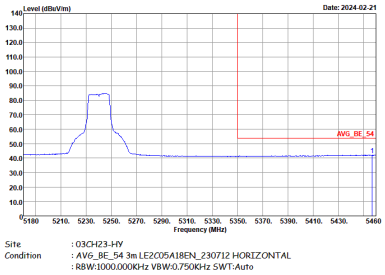
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

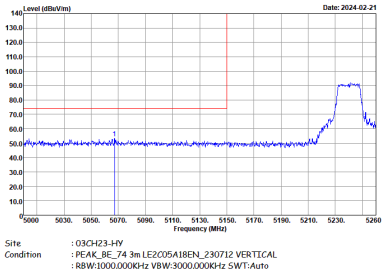
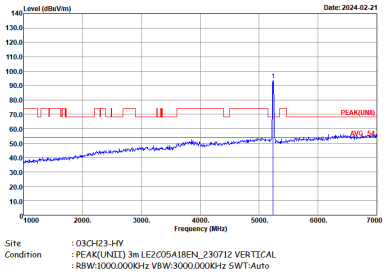
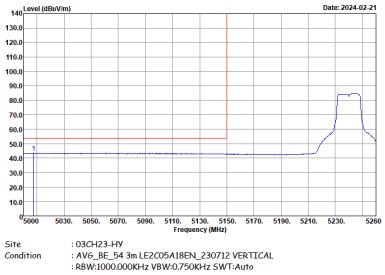
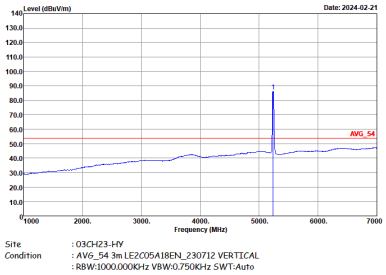
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

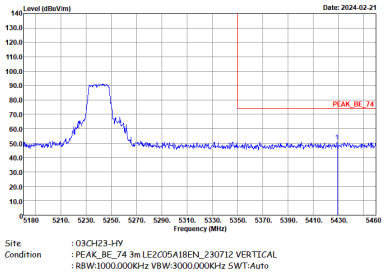
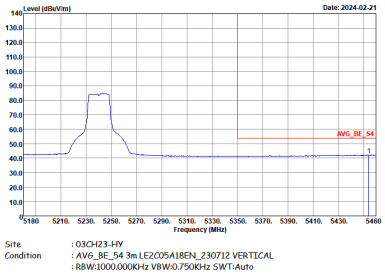
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

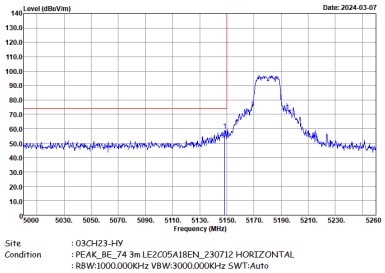
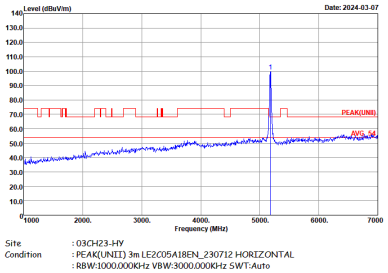
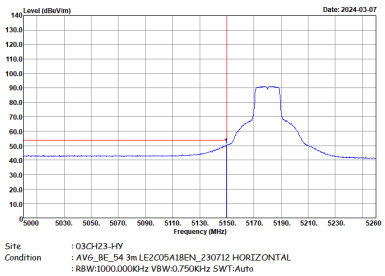
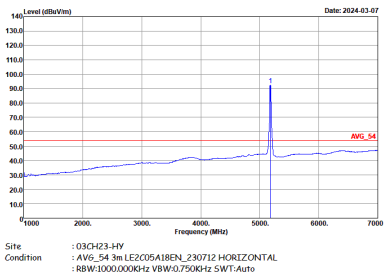
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

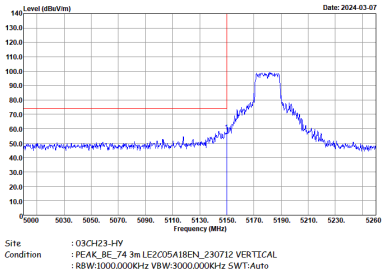
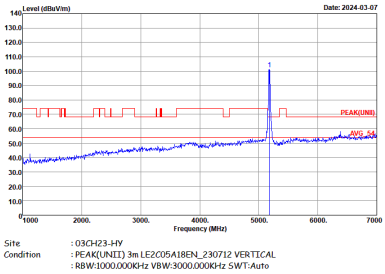
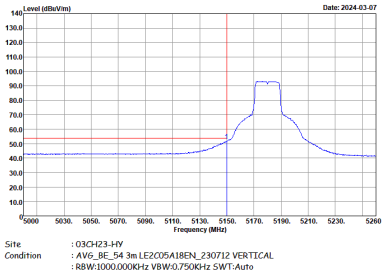
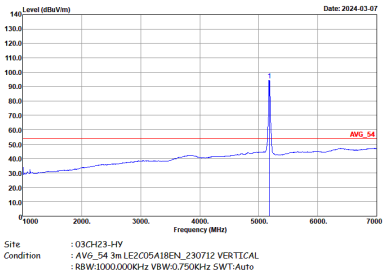
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

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

Band 1 5150~5250MHz

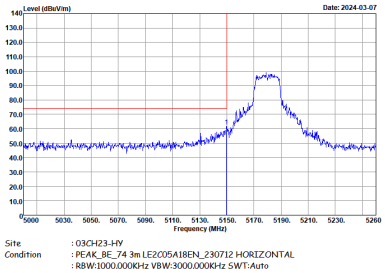
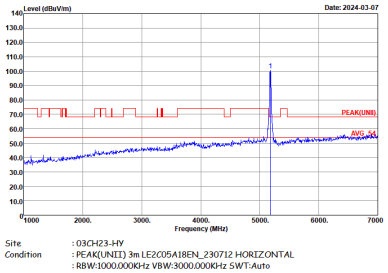
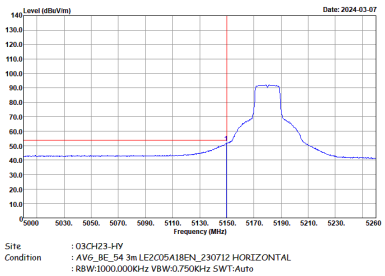
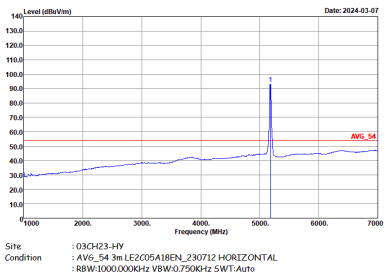
WIFI 802.11n HT20 (Band Edge @ 3m)

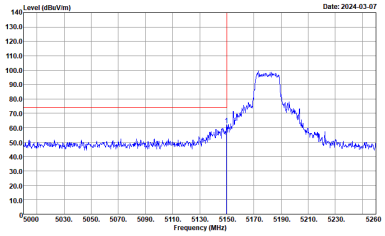
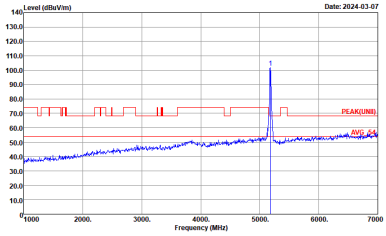
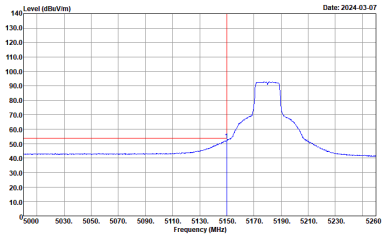
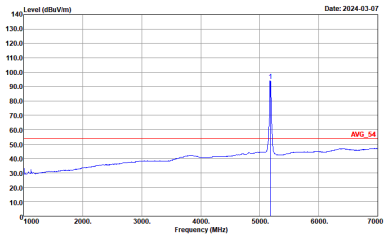
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

Band 1 5150~5250MHz

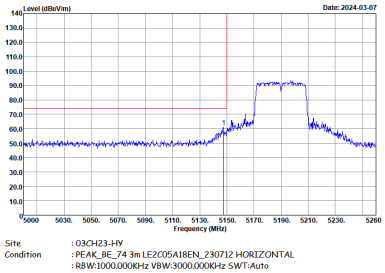
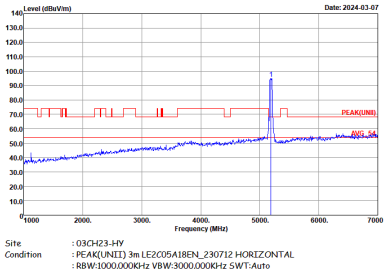
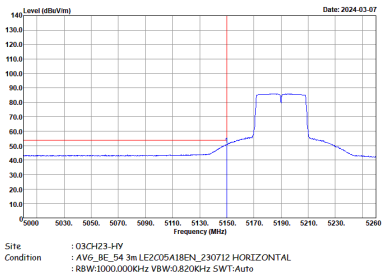
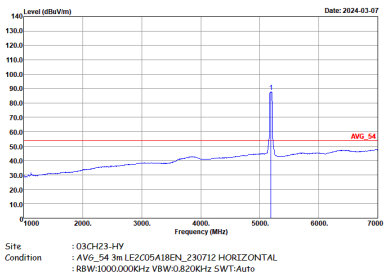
WIFI 802.11ac VHT20 (Band Edge @ 3m)

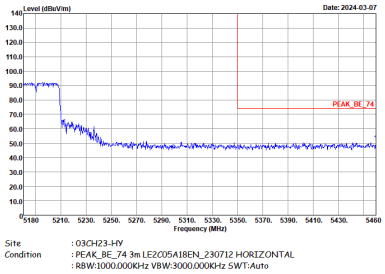
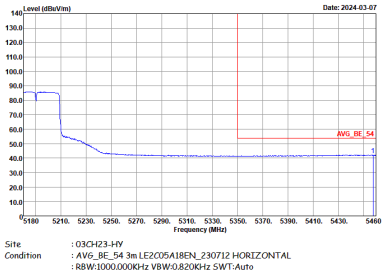
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

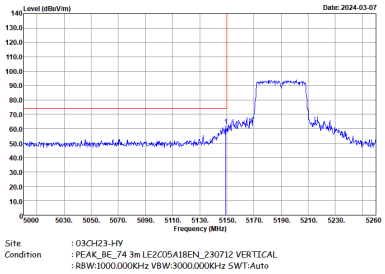
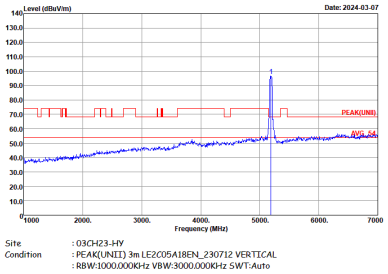
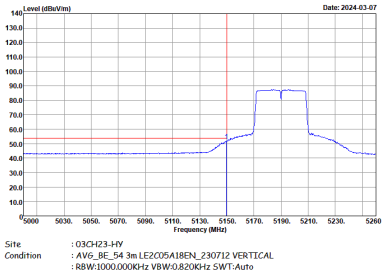
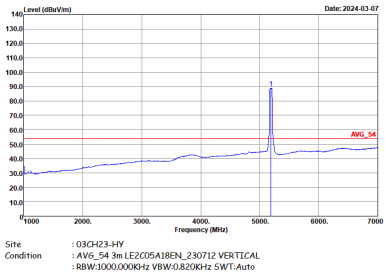
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

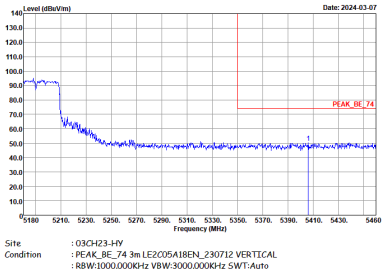
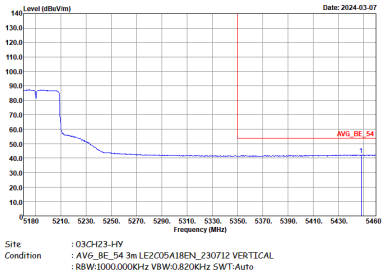
Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.820KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.820KHz SWT:Auto

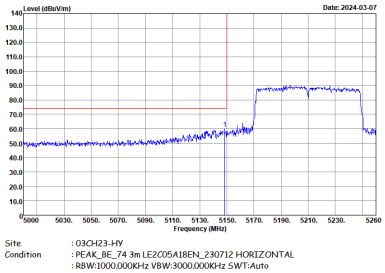
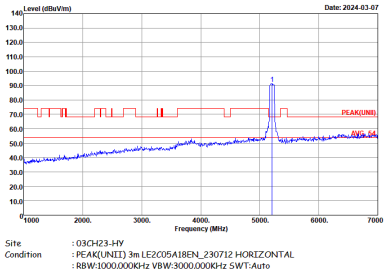
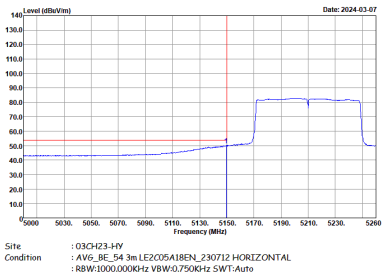
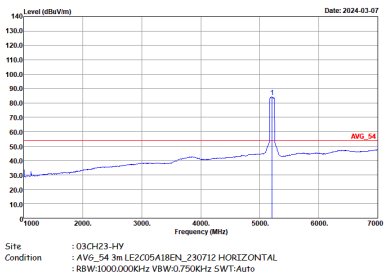
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

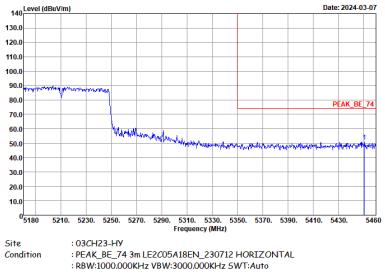
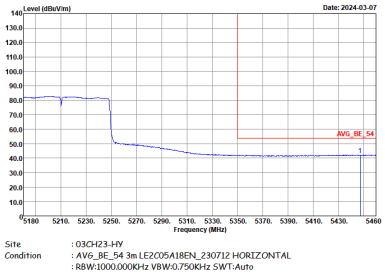
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

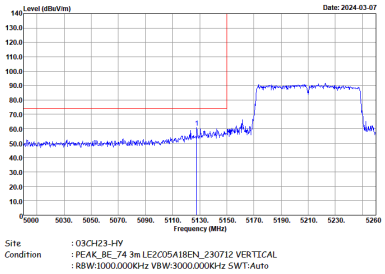
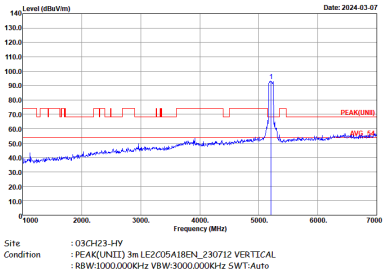
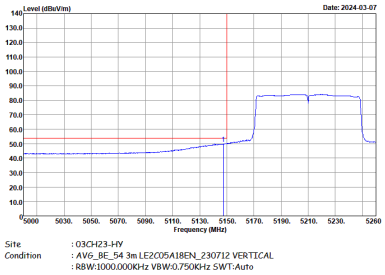
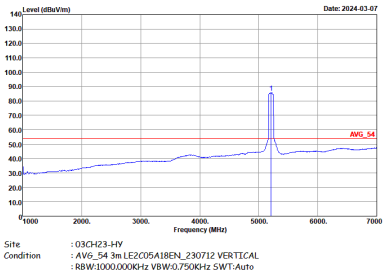
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

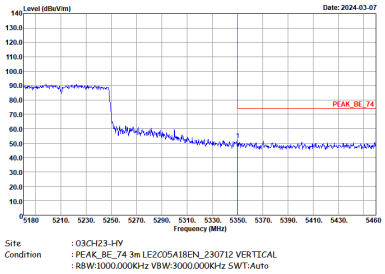
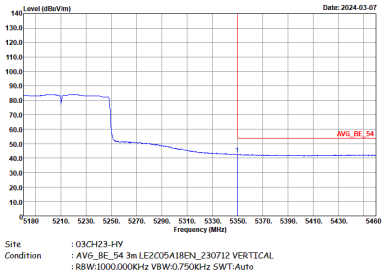
Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

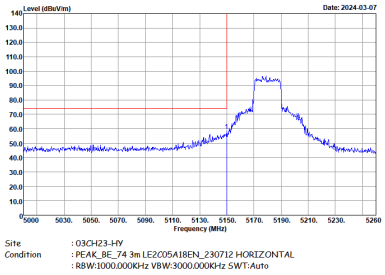
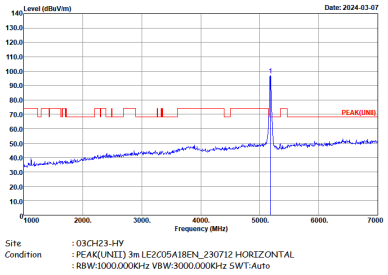
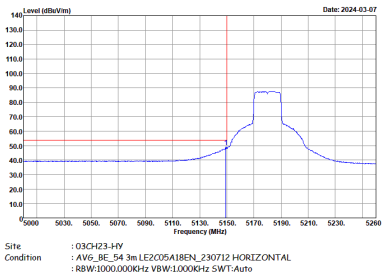
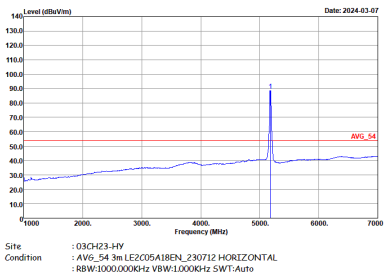
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

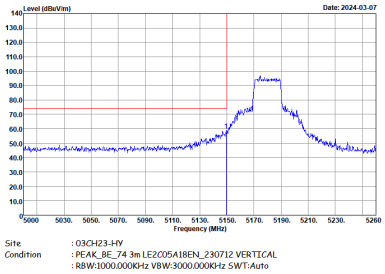
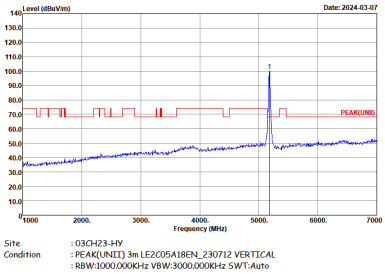
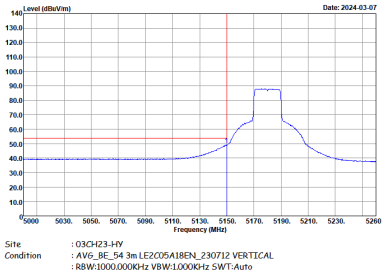
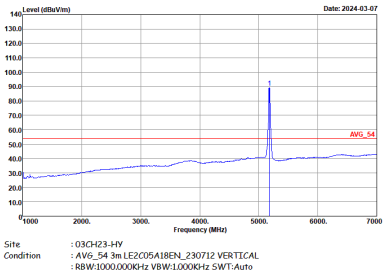
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

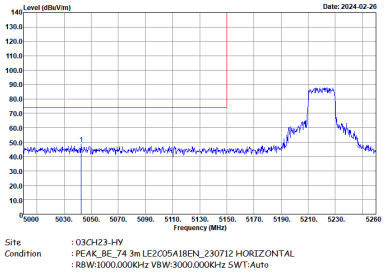
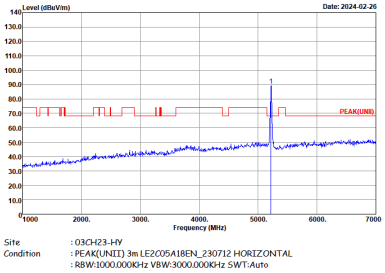
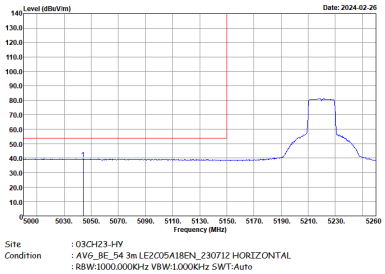
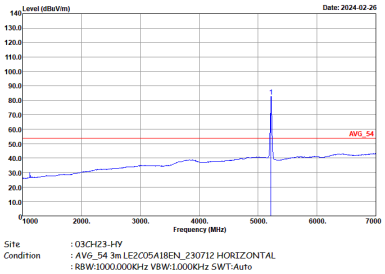
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

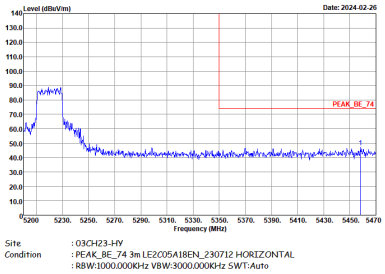
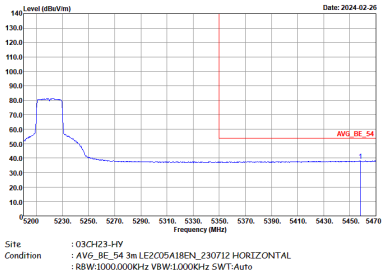
Band 1 5150~5250MHz

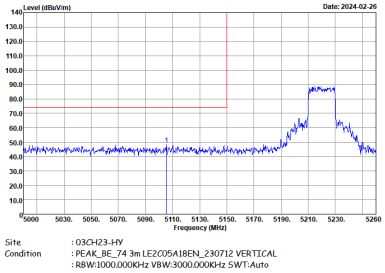
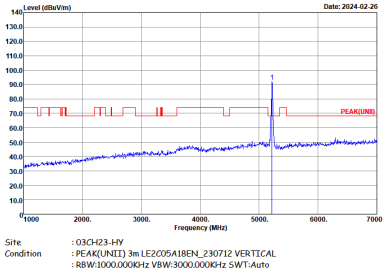
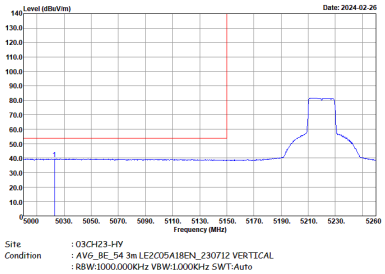
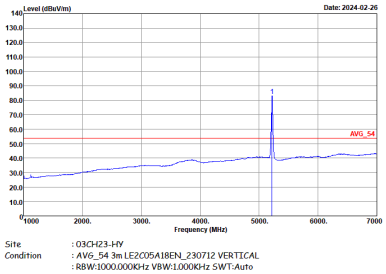
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

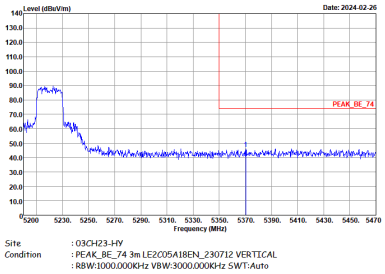
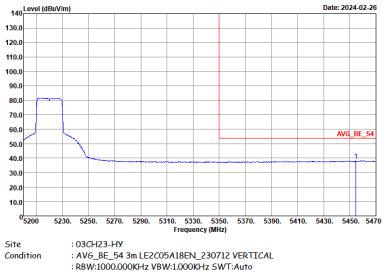
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

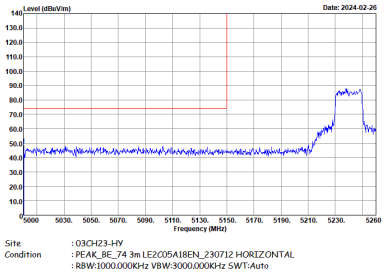
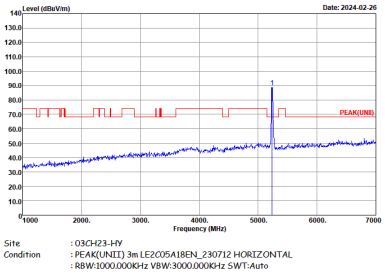
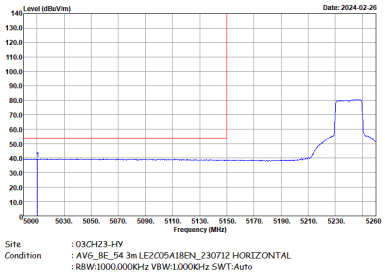
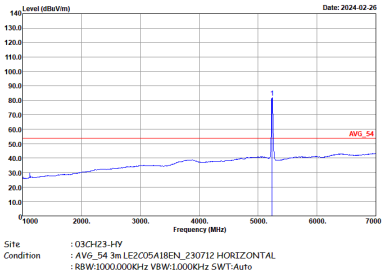
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

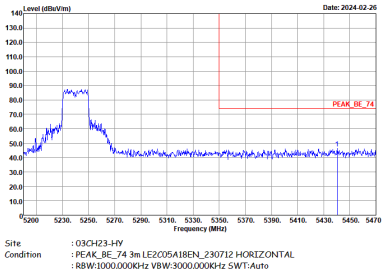
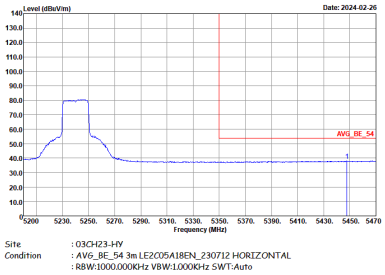
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

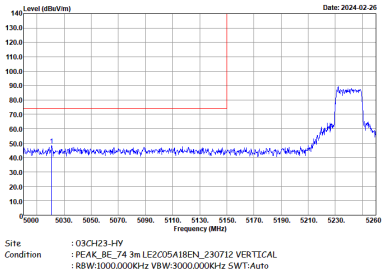
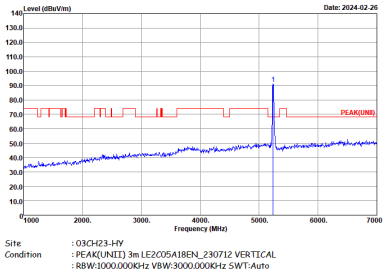
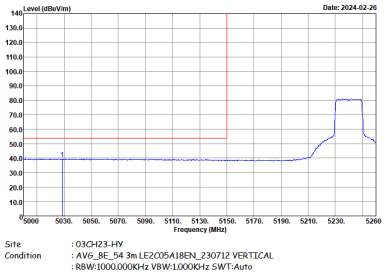
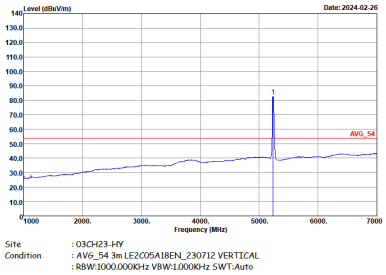
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

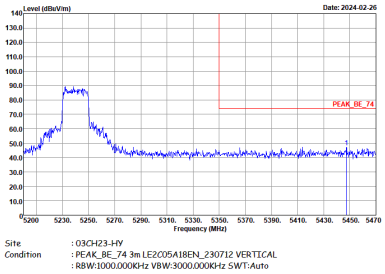
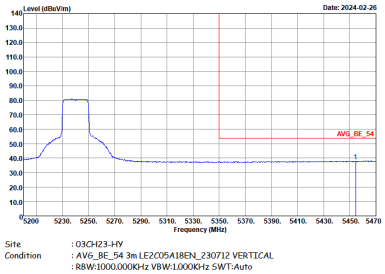
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

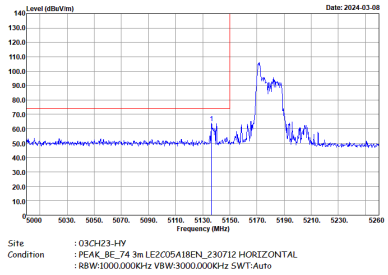
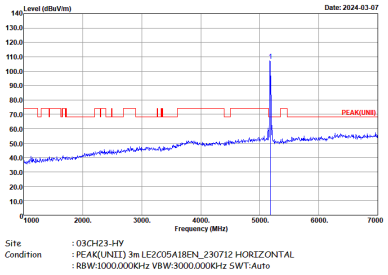
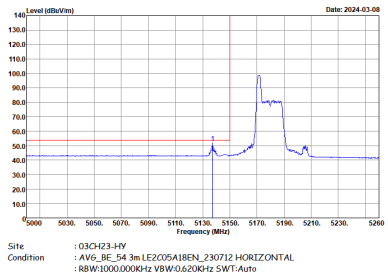
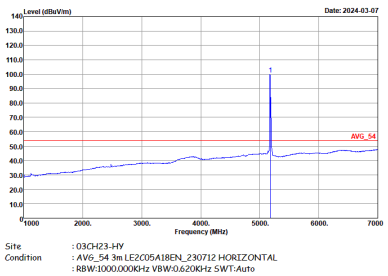
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

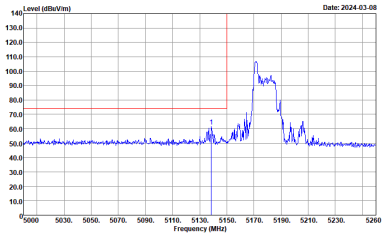
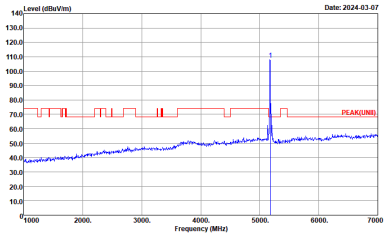
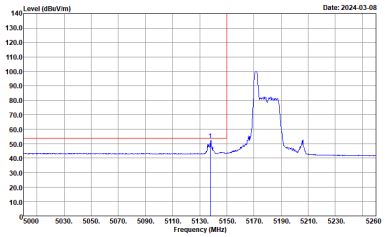
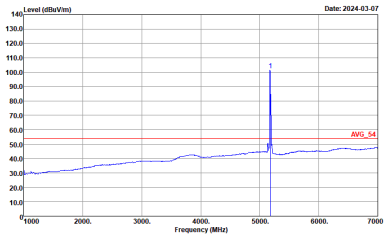
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz

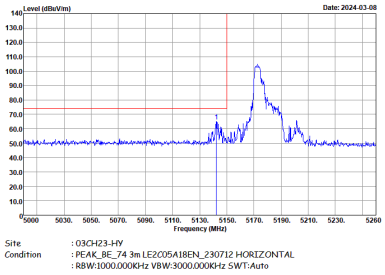
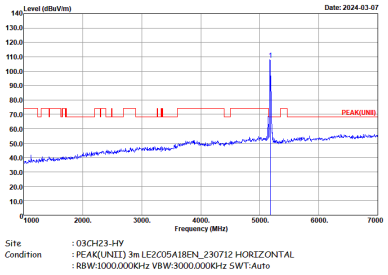
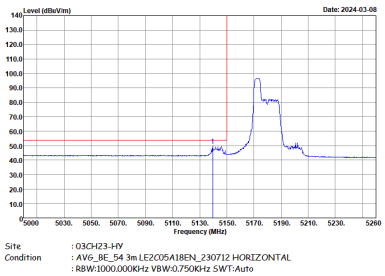
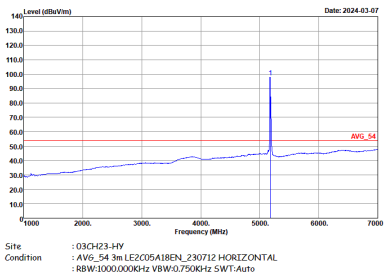
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

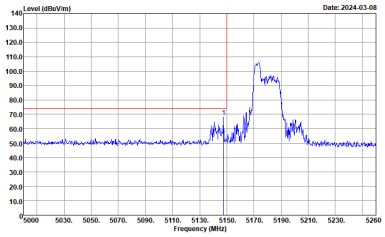
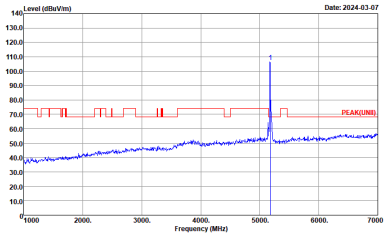
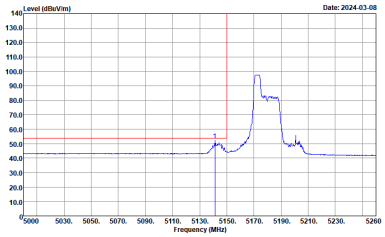
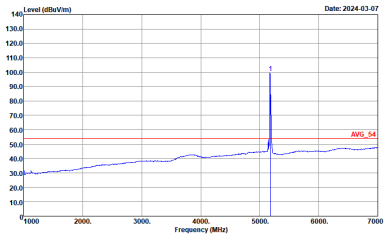
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto

Band 1 5150~5250MHz

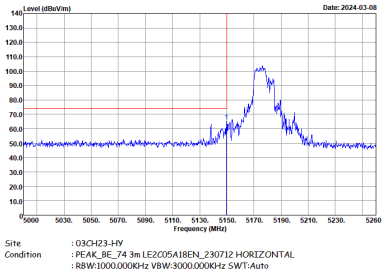
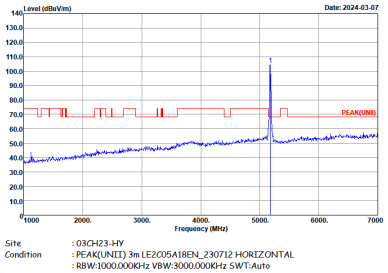
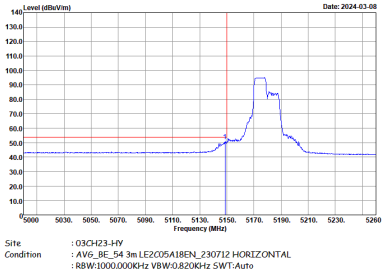
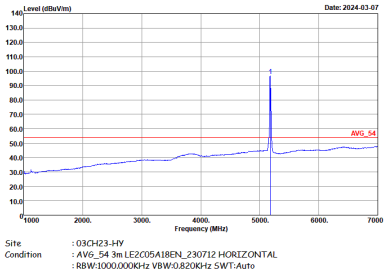
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

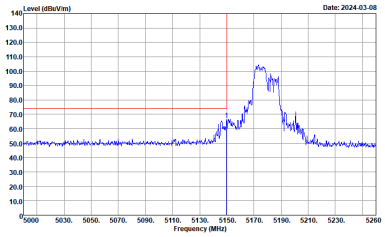
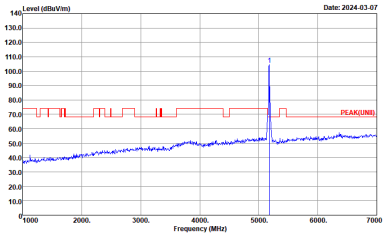
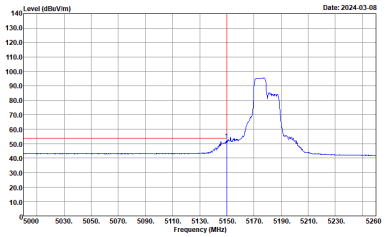
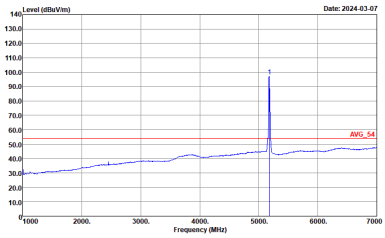
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

Band 1 5150~5250MHz

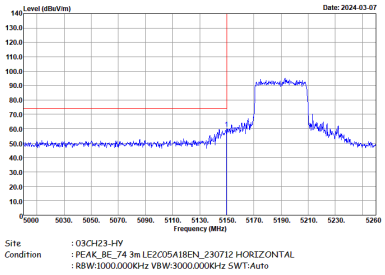
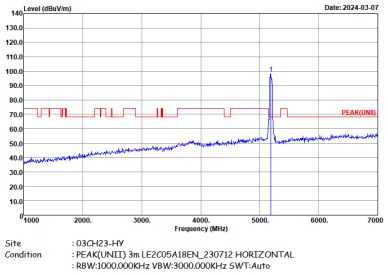
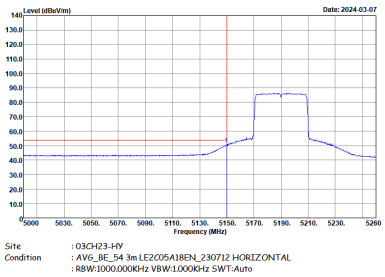
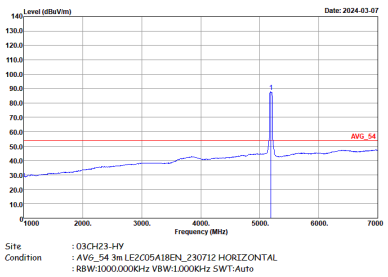
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

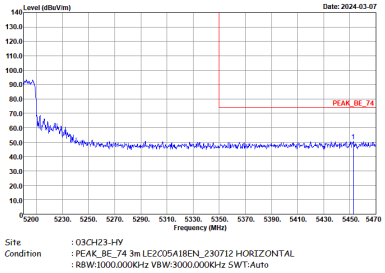
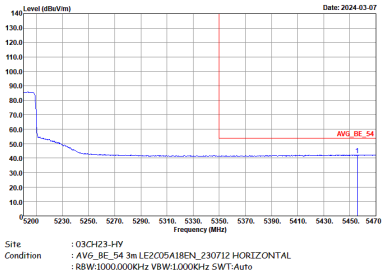
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

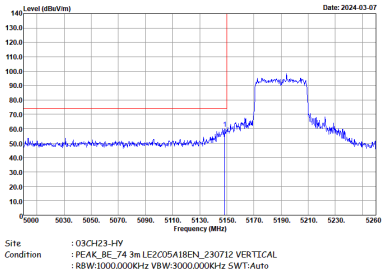
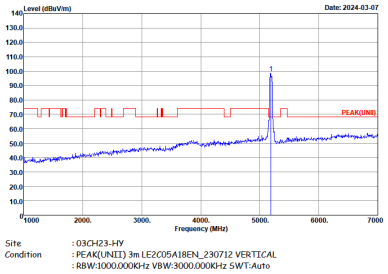
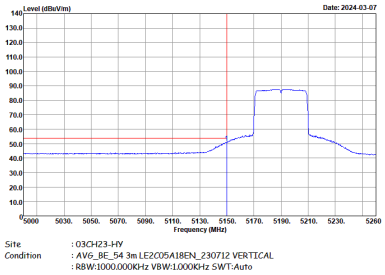
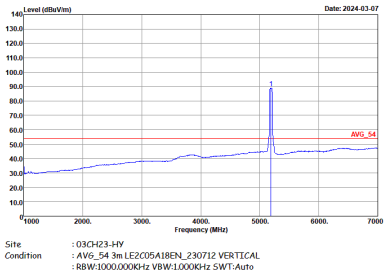
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.820KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.820KHz SWT:Auto

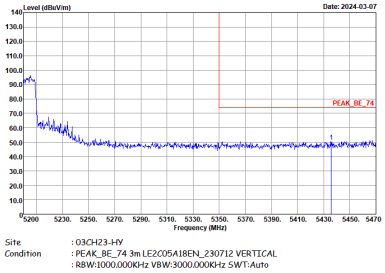
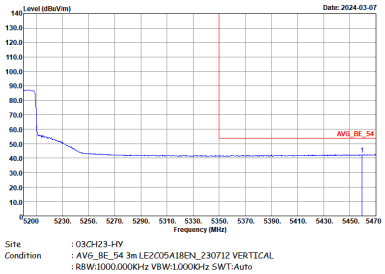
Band 1 5150~5250MHz

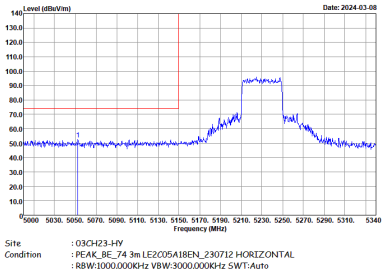
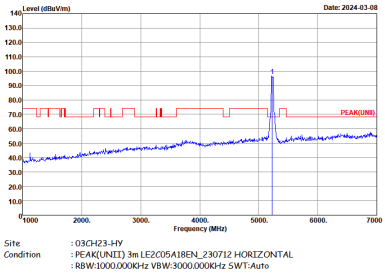
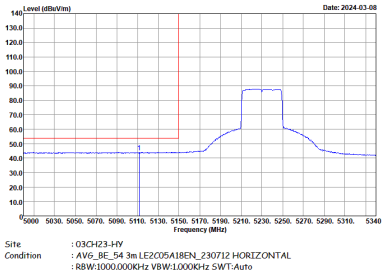
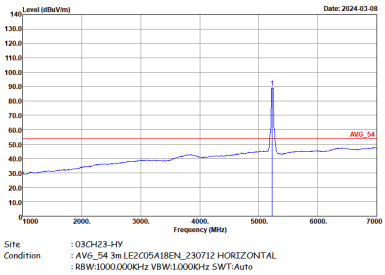
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

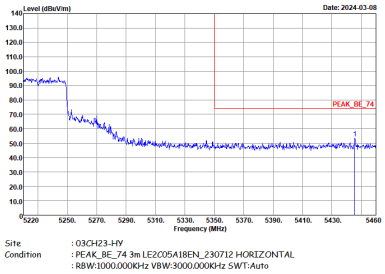
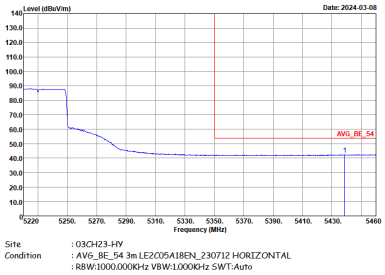
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

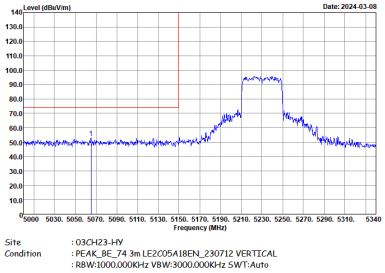
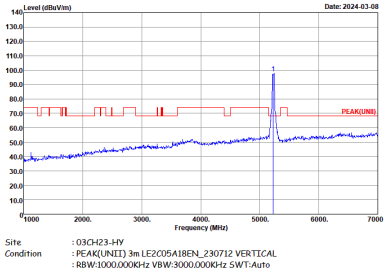
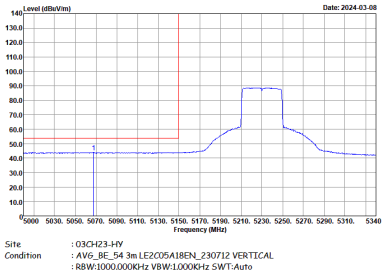
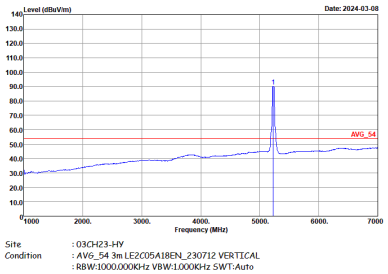
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

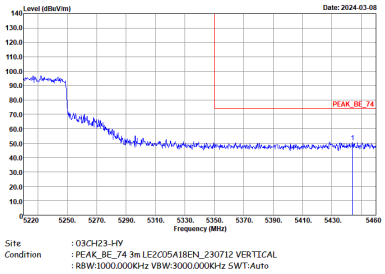
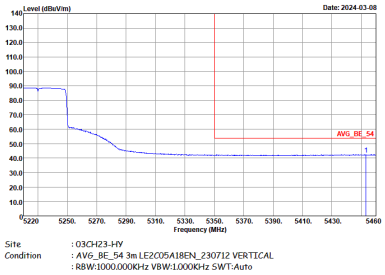
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition : PEAK_BE_74 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH23-HY Condition : PEAK(UNII) 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH23-HY Condition : AVG_BE_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH23-HY Condition : AVG_54 3m LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank