FCC RADIO TEST REPORT

FCC ID	:	**A4RGGE4J**
Equipment	:	**Wireless Device**
Model Name	:	**GGE4J**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Feb. 16, 2024 and testing was performed from Feb. 29, 2024 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

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History of this test report

Report No.	Version	Description	Issue Date
FR420107E	01	Initial issue of report	Apr. 20, 2024
FR420107E	02	Revise 1.1, 2.2, and Appendix D. This report is an updated version, replacing the report issued on Apr. 20, 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	2.06 dB under the limit at 5357.28 MHz
3.5	15.207	AC Conducted Emission	Pass	19.68 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: Mila Chen

1 General Description

1.1 Product Feature of Equipment Under Test

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

EUT Information List	
S/N	**Performed Test Item**
41301JEAYW004K	RF Conducted Measurement
41291JEAYW00UC	Radiated Spurious Emission
41291JEAYW00T3	Conducted Emission

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	-3.6
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	-2.9
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	-2.9

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, 03CH15-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 adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Z 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)	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 : Bluetooth Link + WLAN (5GHz) 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

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

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	-

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

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

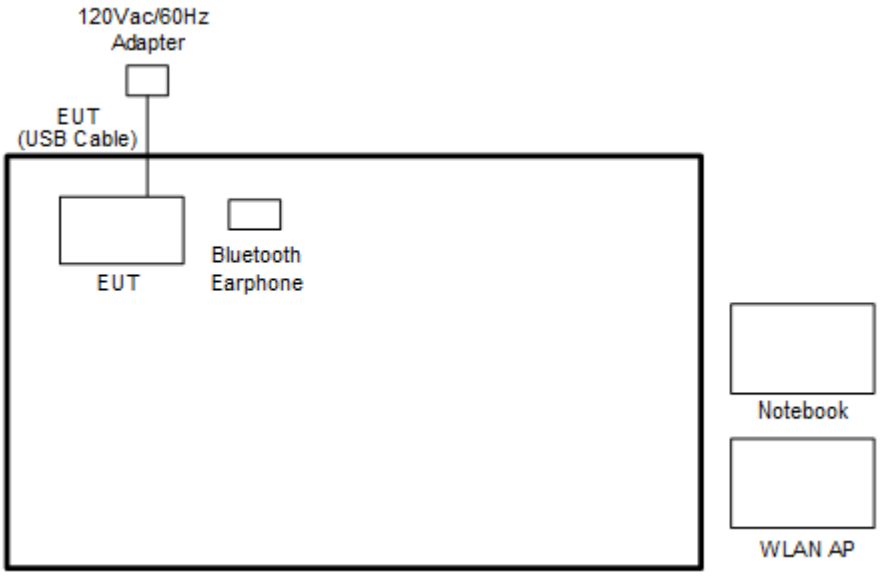
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

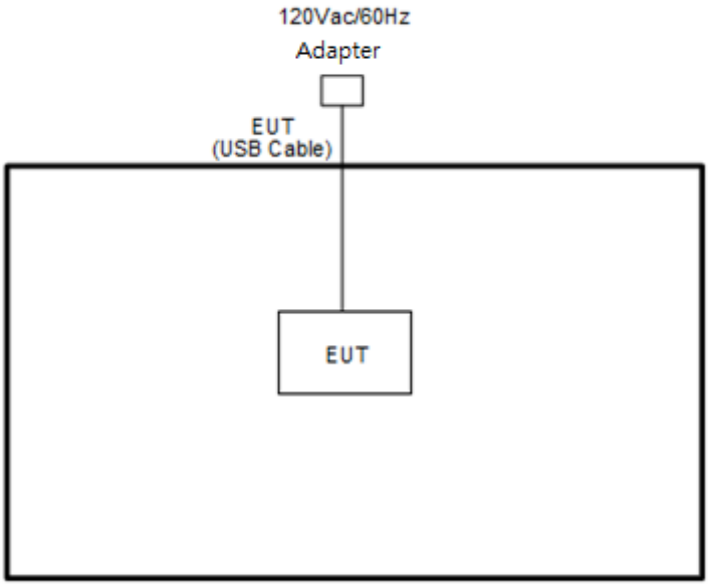
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

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	Chicony	G9BR1	N/A	N/A	N/A
5.	AC Adapter	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.

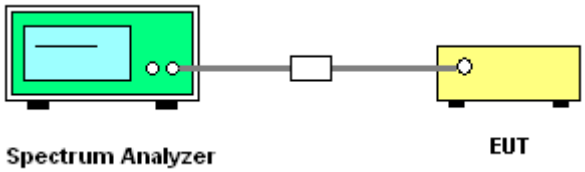
3.1.2 Measuring Instruments

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

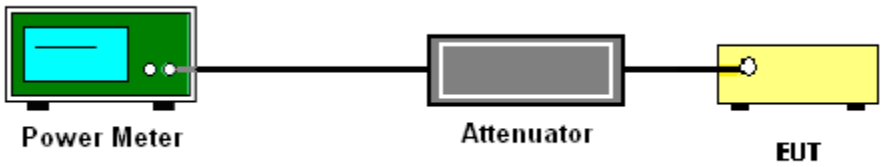
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

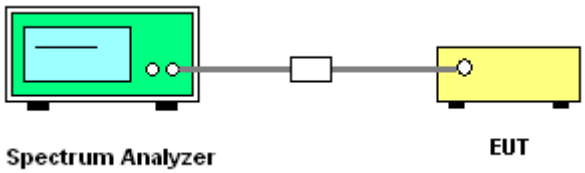
 # Method SA-2 #

(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

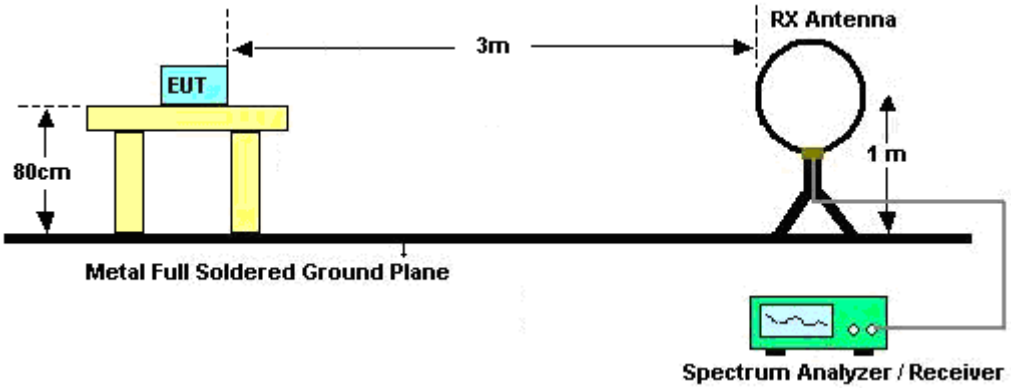
(2) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

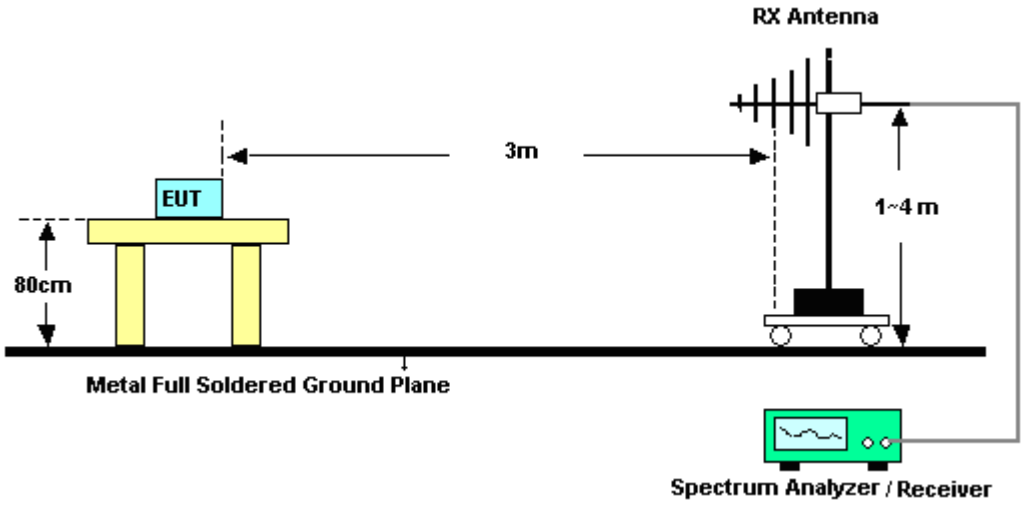
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

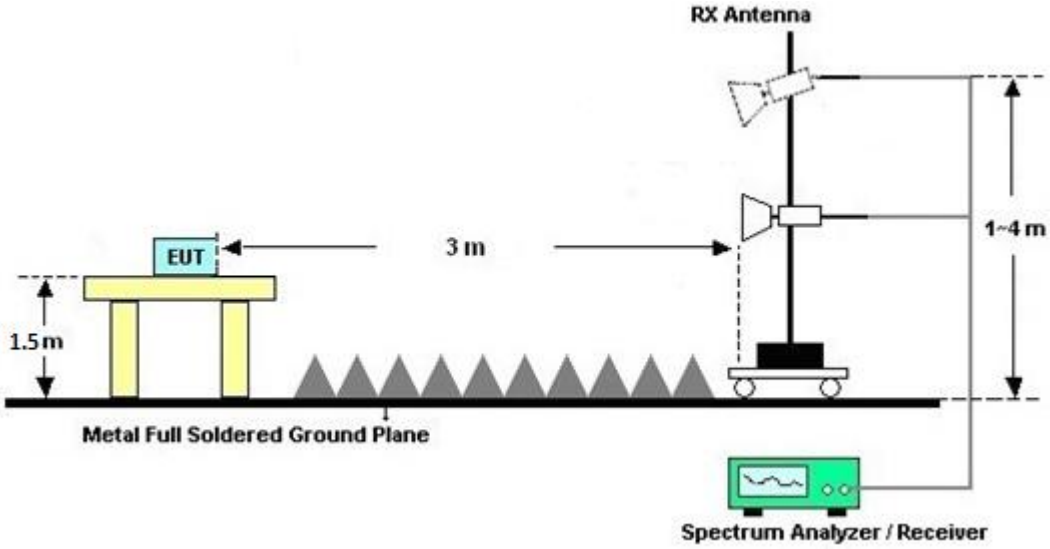
For radiated emissions below 30MHz



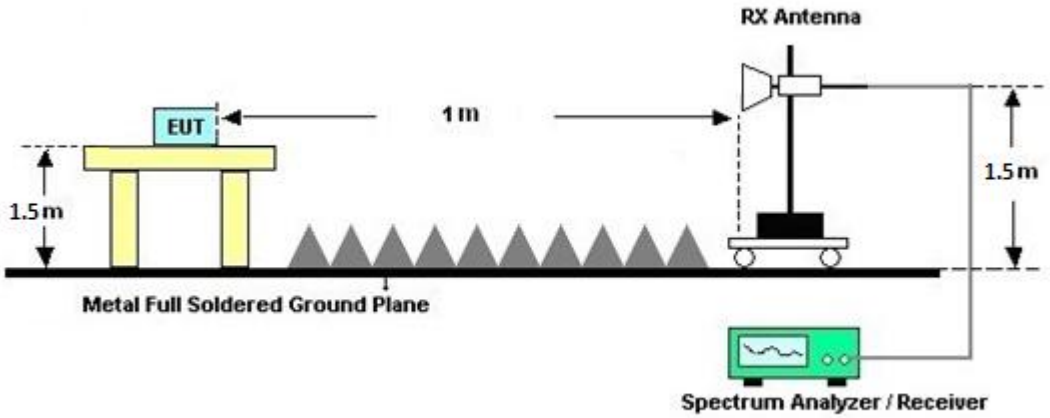
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

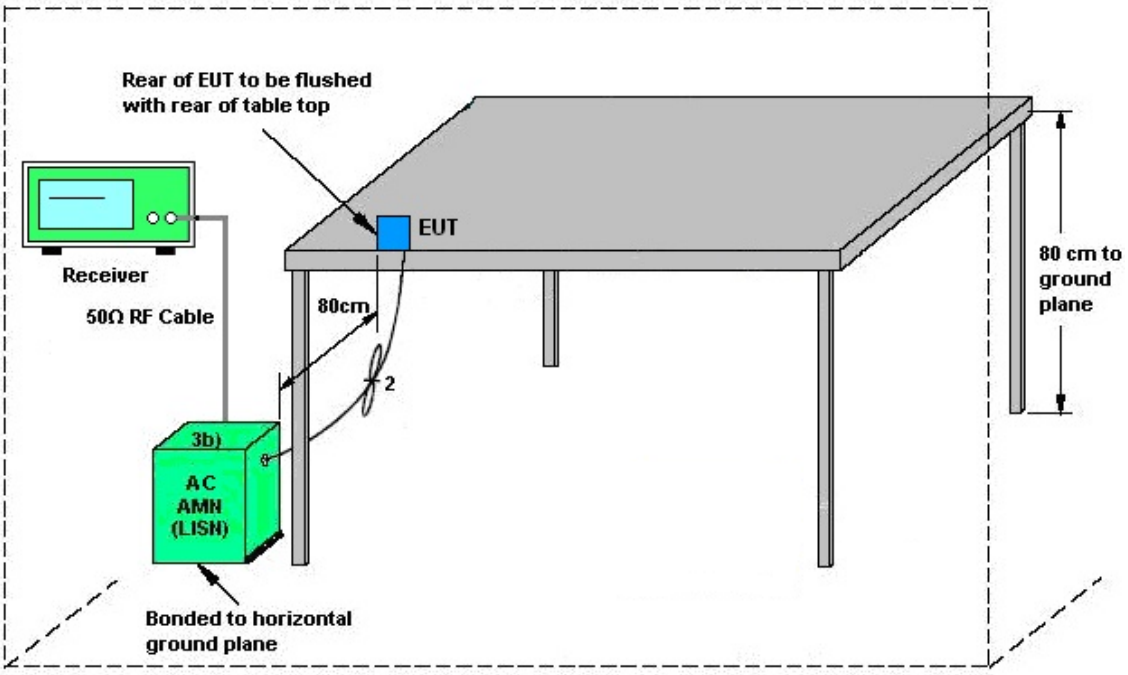
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
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)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Feb. 29, 2024~ Mar. 11, 2024	Sep. 11, 2024	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 04, 2024	Feb. 29, 2024~ Mar. 11, 2024	Feb. 03, 2025	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 30, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 29, 2024	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1225	18GHz~40GHz	Jul. 10, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jul. 09, 2024	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 26, 2023	Feb. 29, 2024~ Mar. 11, 2024	Dec. 25, 2024	Radiation (03CH15-HY)
Preamplifier	EMEC	EM01G18G	060837	1GHz~18GHz	Feb. 15, 2024	Feb. 29, 2024~ Mar. 11, 2024	Feb. 14, 2025	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 29, 2024	Feb. 29, 2024~ Mar. 11, 2024	Feb. 28, 2025	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 26, 2024	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Oct. 06, 2023	Feb. 29, 2024~ Mar. 11, 2024	Oct. 05, 2024	Radiation (03CH15-HY
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44GHz	Jul. 06, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jul. 05, 2024	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 29, 2024~ Mar. 11, 2024	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 29, 2024~ Mar. 11, 2024	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24 (k5)	RK-000451	N/A	N/A	Feb. 29, 2024~ Mar. 11, 2024	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4, 519228/2,803 950/2	N/A	Jun. 13, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 12, 2024	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	18-40G	Jan. 02, 2024	Feb. 29, 2024~ Mar. 11, 2024	Jan. 01, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-153 0-6000-40ST	SN4	1.53GHz Low Pass Filter	Jun. 14, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 13, 2024	Radiation (03CH15-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60 ST	SN4	3GHz High Pass Filter	Jun. 14, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 13, 2024	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN4	N/A	Jul. 26, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jul. 25, 2024	Radiation (03CH15-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Mar. 05, 2024 Apr. 02, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 36 (NO:35)	10MHz~6GHz	Aug. 23, 2023	Mar. 05, 2024 Apr. 02, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	Mar. 05, 2024 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))	**6.3 dB**

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.5 dB**

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2024/03/05~2024/04/02	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 1	Ant 1	Ant 1		
11a	6Mbps	1	36	5180	17.68	27.84	-	22.47		
11a	6Mbps	1	44	5220	17.93	28.78	-	22.54		
11a	6Mbps	1	48	5240	18.18	32.47	-	22.60		
VHT20	MCS0	1	36	5180	18.53	38.56	-	22.68		
VHT20	MCS0	1	44	5220	18.88	30.04	-	22.76	-	
VHT20	MCS0	1	48	5240	18.68	34.54	-	22.71		
VHT40	MCS0	1	38	5190	37.26	66.81	-	23.01		
VHT40	MCS0	1	46	5230	37.16	72.86	-	23.01		
VHT80	MCS0	1	42	5210	75.88	86.91	-	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	DG (dBi)		Pass/Fail
					Ant 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	36	5180	17.40		24.00	-3.60		Pass
11a	6Mbps	1	44	5220	17.30		24.00	-3.60		Pass
11a	6Mbps	1	48	5240	17.30		24.00	-3.60		Pass
HT20	MCS0	1	36	5180	17.20		24.00	-3.60		Pass
HT20	MCS0	1	44	5220	17.30		24.00	-3.60		Pass
HT20	MCS0	1	48	5240	17.20		24.00	-3.60		Pass
HT40	MCS0	1	38	5190	16.30		24.00	-3.60		Pass
HT40	MCS0	1	46	5230	16.30	-	24.00	-3.60	-	Pass
VHT20	MCS0	1	36	5180	17.30		24.00	-3.60		Pass
VHT20	MCS0	1	44	5220	17.30		24.00	-3.60		Pass
VHT20	MCS0	1	48	5240	17.40		24.00	-3.60		Pass
VHT40	MCS0	1	38	5190	16.40		24.00	-3.60		Pass
VHT40	MCS0	1	46	5230	16.40		24.00	-3.60		Pass
VHT80	MCS0	1	42	5210	15.40		24.00	-3.60		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/	DG (dBi)		Pass /Fail
					Ant 1	Ant 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	36	5180	0.44	5.17		11.00	-3.60		Pass
11a	6Mbps	1	44	5220	0.44	5.10		11.00	-3.60		Pass
11a	6Mbps	1	48	5240	0.44	5.51		11.00	-3.60		Pass
VHT20	MCS0	1	36	5180	0.44	5.01		11.00	-3.60		Pass
VHT20	MCS0	1	44	5220	0.44	4.77	-	11.00	-3.60	-	Pass
VHT20	MCS0	1	48	5240	0.44	4.99		11.00	-3.60		Pass
VHT40	MCS0	1	38	5190	0.46	1.07		11.00	-3.60		Pass
VHT40	MCS0	1	46	5230	0.46	1.36		11.00	-3.60		Pass
VHT80	MCS0	1	42	5210	0.44	-2.71		11.00	-3.60		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 1	Ant 1	Ant 1	Ant 1	
11a	6Mbps	1	52	5260	18.48	33.87	23.67	29.67	23.98	
11a	6Mbps	1	60	5300	18.68	35.66	23.71	29.71	23.98	
11a	6Mbps	1	64	5320	18.28	35.65	23.62	29.62	23.98	
VHT20	MCS0	1	52	5260	19.13	36.80	23.82	29.82	23.98	
VHT20	MCS0	1	60	5300	19.48	42.14	23.90	29.90	23.98	-
VHT20	MCS0	1	64	5320	19.78	42.20	23.96	29.96	23.98	
VHT40	MCS0	1	54	5270	37.46	71.26	23.98	30.00	23.98	
VHT40	MCS0	1	62	5310	37.06	58.68	23.98	30.00	23.98	
VHT80	MCS0	1	58	5290	75.88	81.88	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	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	52	5260	17.40	-	23.98	-2.90	30	Pass
11a	6Mbps	1	60	5300	17.40		23.98	-2.90	30	Pass
11a	6Mbps	1	64	5320	17.40		23.98	-2.90	30	Pass
HT20	MCS0	1	52	5260	17.40		23.98	-2.90	30	Pass
HT20	MCS0	1	60	5300	17.40		23.98	-2.90	30	Pass
HT20	MCS0	1	64	5320	17.40		23.98	-2.90	30	Pass
HT40	MCS0	1	54	5270	16.20		23.98	-2.90	30	Pass
HT40	MCS0	1	62	5310	14.80		23.98	-2.90	30	Pass
VHT20	MCS0	1	52	5260	17.40		23.98	-2.90	30	Pass
VHT20	MCS0	1	60	5300	17.40		23.98	-2.90	30	Pass
VHT20	MCS0	1	64	5320	17.40		23.98	-2.90	30	Pass
VHT40	MCS0	1	54	5270	16.20		23.98	-2.90	30	Pass
VHT40	MCS0	1	62	5310	14.90		23.98	-2.90	30	Pass
VHT80	MCS0	1	58	5290	14.20		23.98	-2.90	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 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	52	5260	0.44	5.50		11.00	-2.90		Pass
11a	6Mbps	1	60	5300	0.44	5.38		11.00	-2.90		Pass
11a	6Mbps	1	64	5320	0.44	5.05		11.00	-2.90		Pass
VHT20	MCS0	1	52	5260	0.44	5.21		11.00	-2.90		Pass
VHT20	MCS0	1	60	5300	0.44	5.30	-	11.00	-2.90	-	Pass
VHT20	MCS0	1	64	5320	0.44	5.34		11.00	-2.90		Pass
VHT40	MCS0	1	54	5270	0.46	1.11		11.00	-2.90		Pass
VHT40	MCS0	1	62	5310	0.46	-0.16		11.00	-2.90		Pass
VHT80	MCS0	1	58	5290	0.44	-3.69		11.00	-2.90		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 1	Ant 1	Ant 1	Ant 1	Ant 1
11a	6Mbps	1	100	5500	17.83	30.07	23.51	29.51	23.98	----
11a	6Mbps	1	116	5580	17.58	29.04	23.45	29.45	23.98	----
11a	6Mbps	1	140	5700	17.53	24.49	23.44	29.44	23.98	----
VHT20	MCS0	1	100	5500	18.88	39.43	23.76	29.76	23.98	----
VHT20	MCS0	1	116	5580	18.68	33.41	23.71	29.71	23.98	----
VHT20	MCS0	1	140	5700	18.63	31.54	23.70	29.70	23.98	----
VHT40	MCS0	1	102	5510	37.36	81.24	23.98	30.00	23.98	----
VHT40	MCS0	1	110	5550	37.16	64.40	23.98	30.00	23.98	----
VHT40	MCS0	1	134	5670	37.26	67.90	23.98	30.00	23.98	----
VHT80	MCS0	1	106	5530	76.00	91.00	23.98	30.00	23.98	----
VHT80	MCS0	1	122	5610	75.88	98.84	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 1	Ant 1	Ant 1	Ant 1	Ant 1
11a	6Mbps	1	144	5720	13.74	16.18	22.38	28.38	23.09	3.14
HT20	MCS0	1	144	5720	14.30	19.06	22.55	28.55	23.80	3.76
HT40	MCS0	1	142	5710	33.69	49.66	23.98	30.00	23.98	3.15
VHT20	MCS0	1	144	5720	14.30	20.80	22.55	28.55	23.98	3.75
VHT40	MCS0	1	142	5710	33.59	42.01	23.98	30.00	23.98	3.15
VHT80	MCS0	1	138	5690	72.89	82.84	23.98	30.00	23.98	3.12

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	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	100	5500	17.40		23.98	-2.90	30	Pass
11a	6Mbps	1	116	5580	17.40		23.98	-2.90	30	Pass
11a	6Mbps	1	140	5700	17.40		23.98	-2.90	30	Pass
HT20	MCS0	1	100	5500	17.40		23.98	-2.90	30	Pass
HT20	MCS0	1	116	5580	17.30		23.98	-2.90	30	Pass
HT20	MCS0	1	140	5700	17.40		23.98	-2.90	30	Pass
HT40	MCS0	1	102	5510	16.40		23.98	-2.90	30	Pass
HT40	MCS0	1	110	5550	16.40		23.98	-2.90	30	Pass
HT40	MCS0	1	134	5670	16.30	-	23.98	-2.90	30	Pass
VHT20	MCS0	1	100	5500	17.40		23.98	-2.90	30	Pass
VHT20	MCS0	1	116	5580	17.30		23.98	-2.90	30	Pass
VHT20	MCS0	1	140	5700	17.40		23.98	-2.90	30	Pass
VHT40	MCS0	1	102	5510	16.40		23.98	-2.90	30	Pass
VHT40	MCS0	1	110	5550	16.40		23.98	-2.90	30	Pass
VHT40	MCS0	1	134	5670	16.40		23.98	-2.90	30	Pass
VHT80	MCS0	1	106	5530	15.30		23.98	-2.90	30	Pass
VHT80	MCS0	1	122	5610	15.40		23.98	-2.90	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	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	144	5720	17.40		23.09	-2.90	30	Pass
HT20	MCS0	1	144	5720	17.40		23.80	-2.90	30	Pass
HT40	MCS0	1	142	5710	16.30		23.98	-2.90	30	Pass
VHT20	MCS0	1	144	5720	17.30	-	23.98	-2.90	30	Pass
VHT40	MCS0	1	142	5710	16.40		23.98	-2.90	30	Pass
VHT80	MCS0	1	138	5690	15.40		23.98	-2.90	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 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	100	5500	0.44	5.05		11.00	-2.90		Pass
11a	6Mbps	1	116	5580	0.44	5.13		11.00	-2.90		Pass
11a	6Mbps	1	140	5700	0.44	5.09		11.00	-2.90		Pass
VHT20	MCS0	1	100	5500	0.44	4.90		11.00	-2.90		Pass
VHT20	MCS0	1	116	5580	0.44	4.86		11.00	-2.90		Pass
VHT20	MCS0	1	140	5700	0.44	5.08	-	11.00	-2.90	-	Pass
VHT40	MCS0	1	102	5510	0.46	0.91		11.00	-2.90		Pass
VHT40	MCS0	1	110	5550	0.46	1.07		11.00	-2.90		Pass
VHT40	MCS0	1	134	5670	0.46	1.25		11.00	-2.90		Pass
VHT80	MCS0	1	106	5530	0.44	-2.61		11.00	-2.90		Pass
VHT80	MCS0	1	122	5610	0.44	-2.50		11.00	-2.90		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 1	SUM	Ant 1	Ant 1		
11a	6Mbps	1	144	5720	0.44	5.42		11.00	-2.90		Pass
HT20	MCS0	1	144	5720	0.44	4.83		11.00	-2.90		Pass
HT40	MCS0	1	142	5710	0.49	0.91	-	11.00	-2.90	-	Pass
VHT20	MCS0	1	144	5720	0.44	4.98		11.00	-2.90		Pass
VHT40	MCS0	1	142	5710	0.46	1.21		11.00	-2.90		Pass
VHT80	MCS0	1	138	5690	0.44	-2.60		11.00	-2.90		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 1	Ant 1	Ant 1		
HE20	MCS0	1	36	5180	Full	19.38	36.55	-	22.87	-	-
HE20	MCS0	1	44	5220	Full	19.48	40.70	-	22.90		
HE20	MCS0	1	48	5240	Full	19.58	40.85	-	22.92		
HE40	MCS0	1	38	5190	Full	38.06	43.64	-	23.01		
HE40	MCS0	1	46	5230	Full	38.16	53.69	-	23.01		
HE80	MCS0	1	42	5210	Full	77.08	81.69	-	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	SUM	Ant 1	Ant 1		
HE20	MCS0	1	36	5180	Full	17.40		24.00	-3.60		Pass
HE20	MCS0	1	36	5180	26/0	7.80		24.00	-3.60		Pass
HE20	MCS0	1	36	5180	52/37	10.70		24.00	-3.60		Pass
HE20	MCS0	1	36	5180	106/53	13.90		24.00	-3.60		Pass
HE20	MCS0	1	44	5220	Full	17.40		24.00	-3.60		Pass
HE20	MCS0	1	44	5220	26/4	9.00		24.00	-3.60		Pass
HE20	MCS0	1	44	5220	52/38	10.60		24.00	-3.60		Pass
HE20	MCS0	1	44	5220	106/53	13.70	-	24.00	-3.60	-	Pass
HE20	MCS0	1	48	5240	Full	17.40		24.00	-3.60		Pass
HE20	MCS0	1	48	5240	26/8	7.90		24.00	-3.60		Pass
HE20	MCS0	1	48	5240	52/40	10.90		24.00	-3.60		Pass
HE20	MCS0	1	48	5240	106/54	13.90		24.00	-3.60		Pass
HE40	MCS0	1	38	5190	Full	16.30		24.00	-3.60		Pass
HE40	MCS0	1	46	5230	Full	16.30		24.00	-3.60		Pass
HE80	MCS0	1	42	5210	Full	15.40		24.00	-3.60		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 1	SUM	Ant 1	Ant 1		
HE20	MCS0	1	36	5180	Full	0.15	4.76		11.00	-3.60		Pass
HE20	MCS0	1	36	5180	26/0	0.25	4.55		11.00	-3.60		Pass
HE20	MCS0	1	36	5180	52/37	0.30	4.60		11.00	-3.60		Pass
HE20	MCS0	1	36	5180	106/53	0.32	4.68		11.00	-3.60		Pass
HE20	MCS0	1	44	5220	Full	0.15	4.78		11.00	-3.60		Pass
HE20	MCS0	1	44	5220	26/4	0.25	4.76		11.00	-3.60		Pass
HE20	MCS0	1	44	5220	52/38	0.30	4.59		11.00	-3.60		Pass
HE20	MCS0	1	44	5220	106/53	0.32	4.62	-	11.00	-3.60	-	Pass
HE20	MCS0	1	48	5240	Full	0.15	5.10		11.00	-3.60		Pass
HE20	MCS0	1	48	5240	26/8	0.25	4.80		11.00	-3.60		Pass
HE20	MCS0	1	48	5240	52/40	0.30	5.04		11.00	-3.60		Pass
HE20	MCS0	1	48	5240	106/54	0.32	4.94		11.00	-3.60		Pass
HE40	MCS0	1	38	5190	Full	0.59	0.86		11.00	-3.60		Pass
HE40	MCS0	1	46	5230	Full	0.59	1.03		11.00	-3.60		Pass
HE80	MCS0	1	42	5210	Full	0.53	-2.57		11.00	-3.60		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	FCC 26dB Bandwidth Power Limit (dBm)	Note
						Ant 1	Ant 1	Ant 1	Ant 1	Ant 1	
HE20	MCS0	1	52	5260	Full	19.68	43.79	23.94	29.94	23.98	
HE20	MCS0	1	60	5300	Full	19.63	41.96	23.93	29.93	23.98	
HE20	MCS0	1	64	5320	Full	19.73	39.20	23.95	29.95	23.98	
HE40	MCS0	1	54	5270	Full	38.16	57.55	23.98	30.00	23.98	
HE40	MCS0	1	62	5310	Full	37.96	44.81	23.98	30.00	23.98	
HE80	MCS0	1	58	5290	Full	77.20	81.85	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	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	SUM	Ant 1	Ant 1		
HE20	MCS0	1	52	5260	Full	17.40		23.98	-2.90	30	Pass
HE20	MCS0	1	52	5260	26/0	8.10		23.98	-2.90	30	Pass
HE20	MCS0	1	52	5260	52/37	11.00		23.98	-2.90	30	Pass
HE20	MCS0	1	52	5260	106/53	13.90		23.98	-2.90	30	Pass
HE20	MCS0	1	60	5300	Full	17.30		23.98	-2.90	30	Pass
HE20	MCS0	1	60	5300	26/4	8.70		23.98	-2.90	30	Pass
HE20	MCS0	1	60	5300	52/38	10.40		23.98	-2.90	30	Pass
HE20	MCS0	1	60	5300	106/53	13.40	-	23.98	-2.90	30	Pass
HE20	MCS0	1	64	5320	Full	17.30		23.98	-2.90	30	Pass
HE20	MCS0	1	64	5320	26/8	7.60		23.98	-2.90	30	Pass
HE20	MCS0	1	64	5320	52/40	10.40		23.98	-2.90	30	Pass
HE20	MCS0	1	64	5320	106/54	13.60		23.98	-2.90	30	Pass
HE40	MCS0	1	54	5270	Full	16.30		23.98	-2.90	30	Pass
HE40	MCS0	1	62	5310	Full	14.40		23.98	-2.90	30	Pass
HE80	MCS0	1	58	5290	Full	14.20		23.98	-2.90	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 1	SUM	Ant 1	Ant 1		
HE20	MCS0	1	52	5260	Full	0.15	5.00		11.00	-2.90		Pass
HE20	MCS0	1	52	5260	26/0	0.25	4.98		11.00	-2.90		Pass
HE20	MCS0	1	52	5260	52/37	0.30	4.97		11.00	-2.90		Pass
HE20	MCS0	1	52	5260	106/53	0.32	4.91		11.00	-2.90		Pass
HE20	MCS0	1	60	5300	Full	0.15	4.61		11.00	-2.90		Pass
HE20	MCS0	1	60	5300	26/4	0.25	4.50		11.00	-2.90		Pass
HE20	MCS0	1	60	5300	52/38	0.30	4.42		11.00	-2.90		Pass
HE20	MCS0	1	60	5300	106/53	0.32	4.57	-	11.00	-2.90	-	Pass
HE20	MCS0	1	64	5320	Full	0.15	4.70		11.00	-2.90		Pass
HE20	MCS0	1	64	5320	26/8	0.25	4.51		11.00	-2.90		Pass
HE20	MCS0	1	64	5320	52/40	0.30	4.35		11.00	-2.90		Pass
HE20	MCS0	1	64	5320	106/54	0.32	4.56		11.00	-2.90		Pass
HE40	MCS0	1	54	5270	Full	0.59	1.20		11.00	-2.90		Pass
HE40	MCS0	1	62	5310	Full	0.59	-0.95		11.00	-2.90		Pass
HE80	MCS0	1	58	5290	Full	0.53	-3.86		11.00	-2.90		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	26 dB Bandwidth In U-NII 2C (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit	FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel
						Ant 1	Ant 1	Ant 1	Ant 1	Ant 1	Ant 1
HE20	MCS0	1	100	5500	Full	19.53	33.27	23.91	29.91	23.98	----
HE20	MCS0	1	116	5580	Full	19.43	30.36	23.88	29.88	23.98	----
HE20	MCS0	1	140	5700	Full	19.33	25.40	23.86	29.86	23.98	----
HE40	MCS0	1	102	5510	Full	38.16	52.80	23.98	30.00	23.98	----
HE40	MCS0	1	110	5550	Full	37.96	49.50	23.98	30.00	23.98	----
HE40	MCS0	1	134	5670	Full	37.96	46.25	23.98	30.00	23.98	----
HE80	MCS0	1	106	5530	Full	77.08	81.88	23.98	30.00	23.98	----
HE80	MCS0	1	122	5610	Full	77.08	81.63	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	26 dB Bandwidth In U-NII 2C (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit	FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel
						Ant 1	Ant 1	Ant 1	Ant 1	Ant 1	Ant 1
HE20	MCS0	1	144	5720	Full	14.70	17.04	22.67	28.67	23.31	4.5
HE40	MCS0	1	142	5710	Full	33.99	35.76	23.98	30.00	23.98	3.8
HE80	MCS0	1	138	5690	Full	73.85	75.90	23.98	30.00	23.98	3.55

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	SUM	Ant 1	Ant 1		
HE20	MCS0	1	100	5500	Full	17.40	-	23.98	-2.90	30	Pass
HE20	MCS0	1	100	5500	26/0	7.80		23.98	-2.90	30	Pass
HE20	MCS0	1	100	5500	52/37	10.60		23.98	-2.90	30	Pass
HE20	MCS0	1	100	5500	106/53	13.60		23.98	-2.90	30	Pass
HE20	MCS0	1	116	5580	Full	17.40		23.98	-2.90	30	Pass
HE20	MCS0	1	116	5580	26/4	8.80		23.98	-2.90	30	Pass
HE20	MCS0	1	116	5580	52/38	10.70		23.98	-2.90	30	Pass
HE20	MCS0	1	116	5580	106/53	13.70		23.98	-2.90	30	Pass
HE20	MCS0	1	140	5700	Full	17.10		23.98	-2.90	30	Pass
HE20	MCS0	1	140	5700	26/8	7.60		23.98	-2.90	30	Pass
HE20	MCS0	1	140	5700	52/40	10.40		23.98	-2.90	30	Pass
HE20	MCS0	1	140	5700	106/54	13.50		23.98	-2.90	30	Pass
HE40	MCS0	1	102	5510	Full	16.40		23.98	-2.90	30	Pass
HE40	MCS0	1	110	5550	Full	16.40		23.98	-2.90	30	Pass
HE40	MCS0	1	134	5670	Full	16.40		23.98	-2.90	30	Pass
HE80	MCS0	1	106	5530	Full	15.30		23.98	-2.90	30	Pass
HE80	MCS0	1	122	5610	Full	15.40		23.98	-2.90	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	SUM	Ant 1	Ant 1		
HE20	MCS0	1	144	5720	Full	17.50	-	23.31	-2.90	30	Pass
HE20	MCS0	1	144	5720	26/8	8.10		23.31	-2.90	30	Pass
HE20	MCS0	1	144	5720	52/40	10.90		23.31	-2.90	30	Pass
HE20	MCS0	1	144	5720	106/54	13.90		23.31	-2.90	30	Pass
HE40	MCS0	1	142	5710	Full	16.20		23.98	-2.90	30	Pass
HE80	MCS0	1	138	5690	Full	15.30		23.98	-2.90	30	Pass

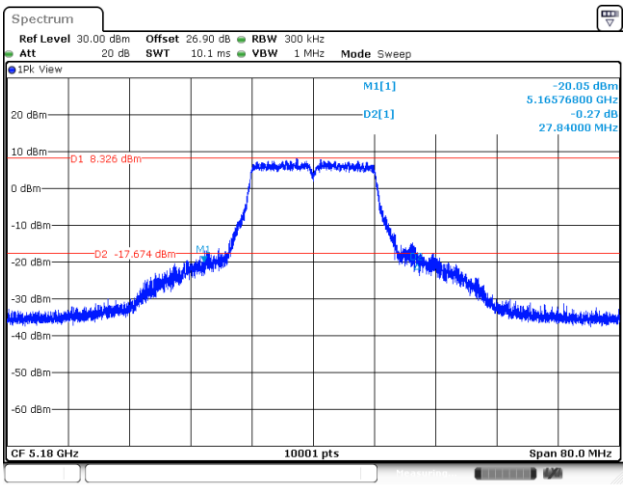
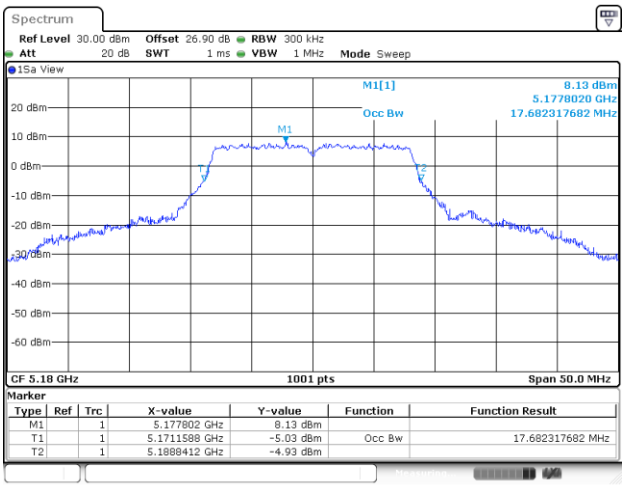
TEST RESULTS DATA
Power Spectral Density

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 1	SUM	Ant 1	Ant 1		
HE20	MCS0	1	100	5500	Full	0.15	4.57		11.00	-2.90		Pass
HE20	MCS0	1	100	5500	26/0	0.25	4.15		11.00	-2.90		Pass
HE20	MCS0	1	100	5500	52/37	0.30	4.55		11.00	-2.90		Pass
HE20	MCS0	1	100	5500	106/53	0.32	4.42		11.00	-2.90		Pass
HE20	MCS0	1	116	5580	Full	0.15	4.70		11.00	-2.90		Pass
HE20	MCS0	1	116	5580	26/4	0.25	4.55		11.00	-2.90		Pass
HE20	MCS0	1	116	5580	52/38	0.30	4.63		11.00	-2.90		Pass
HE20	MCS0	1	116	5580	106/53	0.32	4.44		11.00	-2.90		Pass
HE20	MCS0	1	140	5700	Full	0.15	4.34	-	11.00	-2.90	-	Pass
HE20	MCS0	1	140	5700	26/8	0.25	4.25		11.00	-2.90		Pass
HE20	MCS0	1	140	5700	52/40	0.30	4.16		11.00	-2.90		Pass
HE20	MCS0	1	140	5700	106/54	0.32	4.17		11.00	-2.90		Pass
HE40	MCS0	1	102	5510	Full	0.59	0.88		11.00	-2.90		Pass
HE40	MCS0	1	110	5550	Full	0.59	0.86		11.00	-2.90		Pass
HE40	MCS0	1	134	5670	Full	0.59	0.86		11.00	-2.90		Pass
HE80	MCS0	1	106	5530	Full	0.53	-2.69		11.00	-2.90		Pass
HE80	MCS0	1	122	5610	Full	0.53	-2.55		11.00	-2.90		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 1	SUM	Ant 1	Ant 1		
HE20	MCS0	1	144	5720	Full	0.15	4.85		11.00	-2.90		Pass
HE20	MCS0	1	144	5720	26/8	0.25	4.82		11.00	-2.90		Pass
HE20	MCS0	1	144	5720	52/40	0.30	4.82		11.00	-2.90		Pass
HE20	MCS0	1	144	5720	106/54	0.32	4.63	-	11.00	-2.90	-	Pass
HE40	MCS0	1	142	5710	Full	0.59	0.95		11.00	-2.90		Pass
HE80	MCS0	1	138	5690	Full	0.53	-2.68		11.00	-2.90		Pass

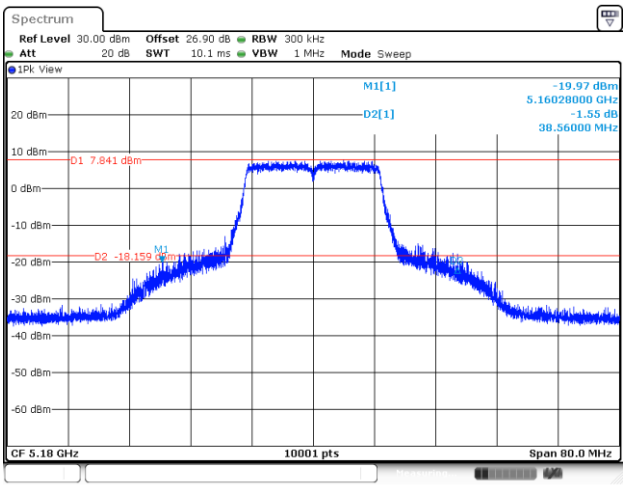
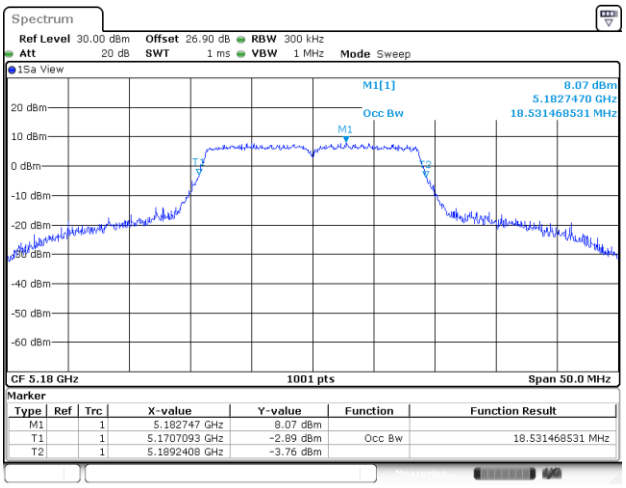
Test Result of 26dB & 99% Occupied Bandwidth

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

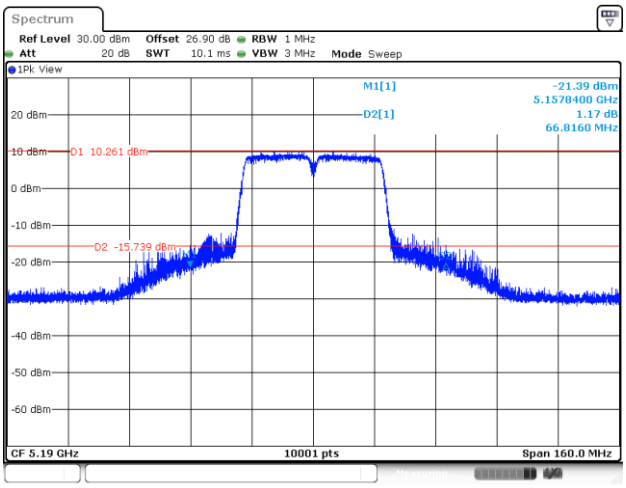
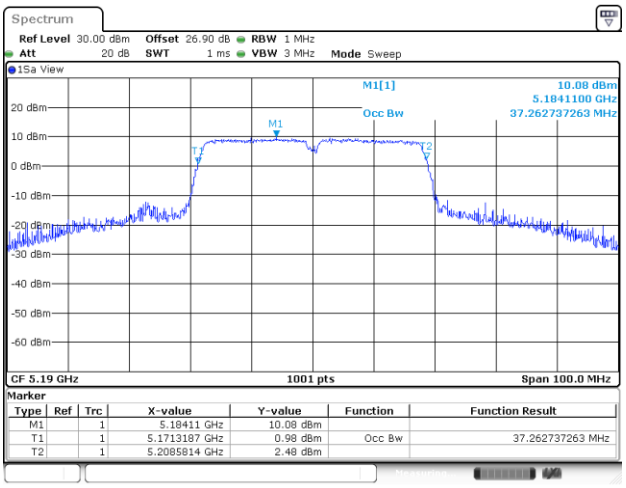
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

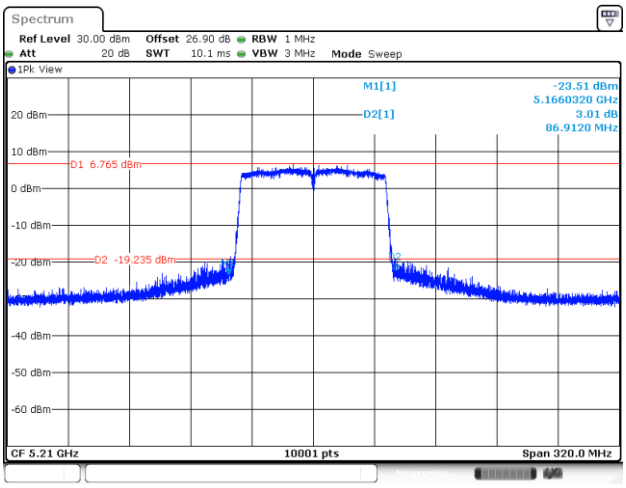
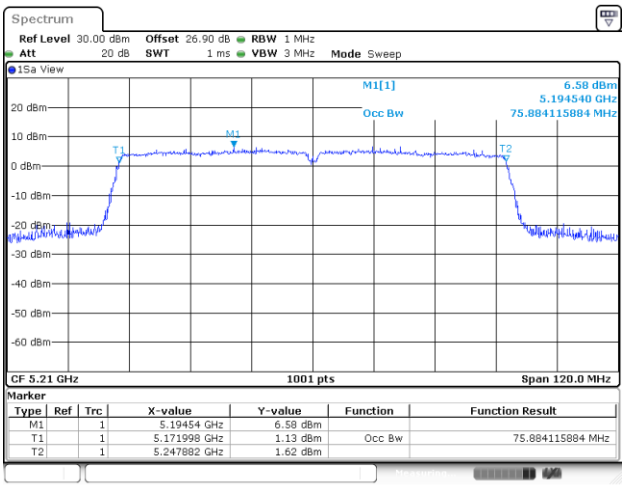
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

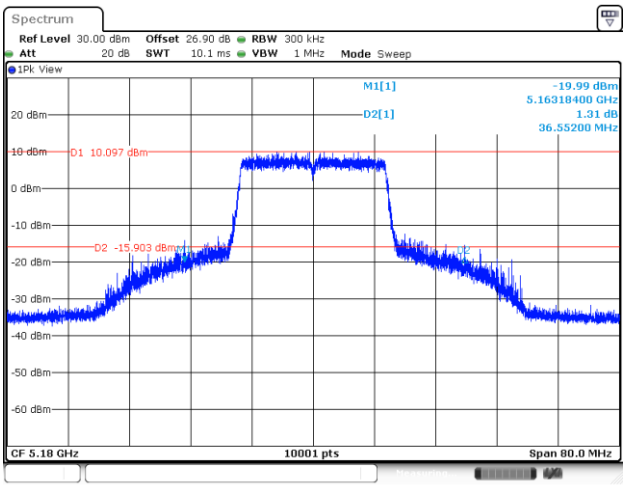
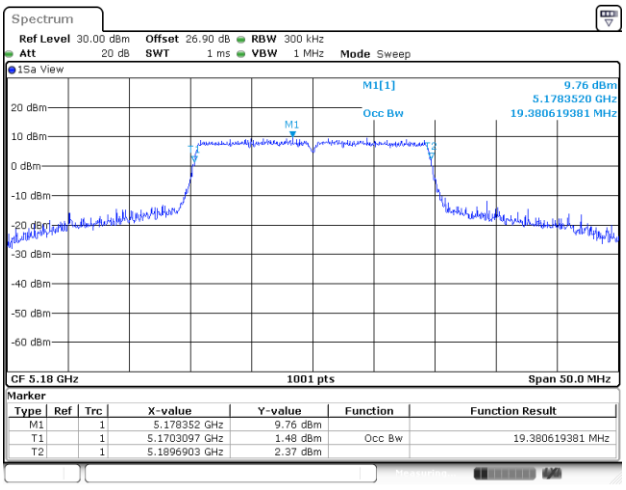
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

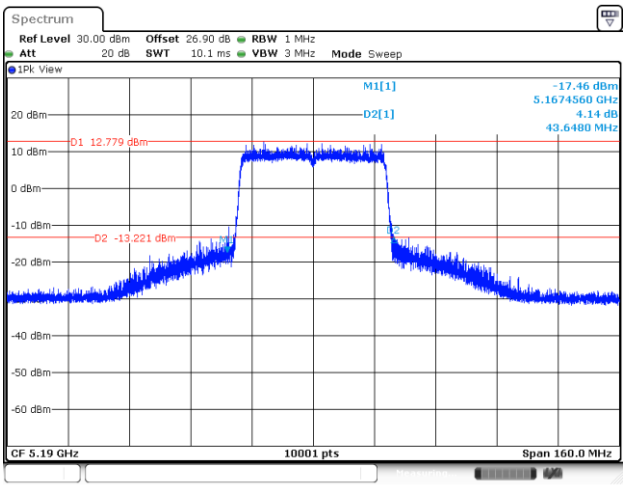
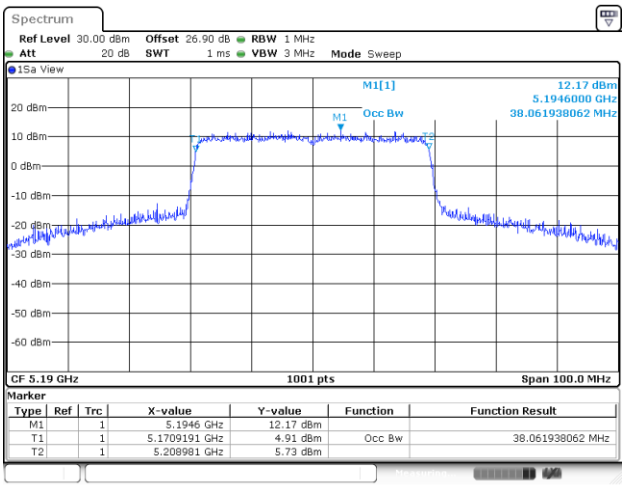
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

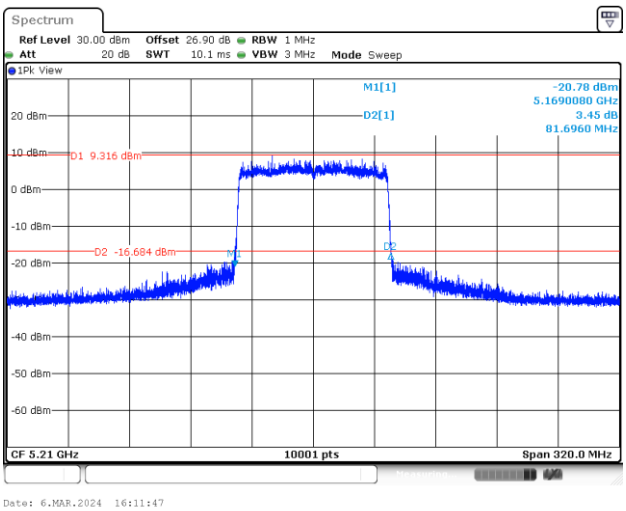
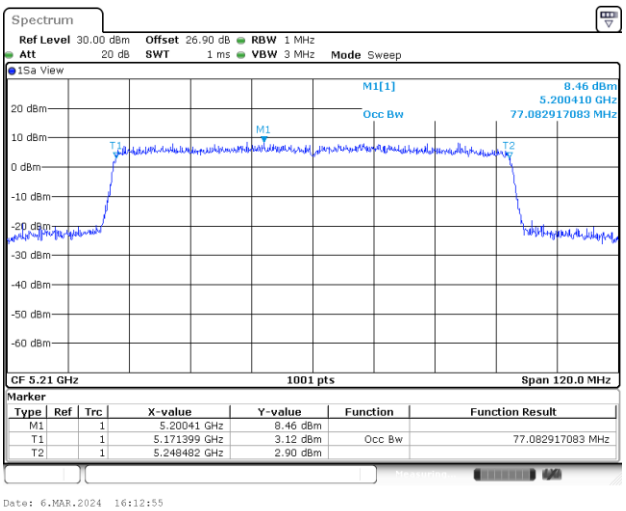
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<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>

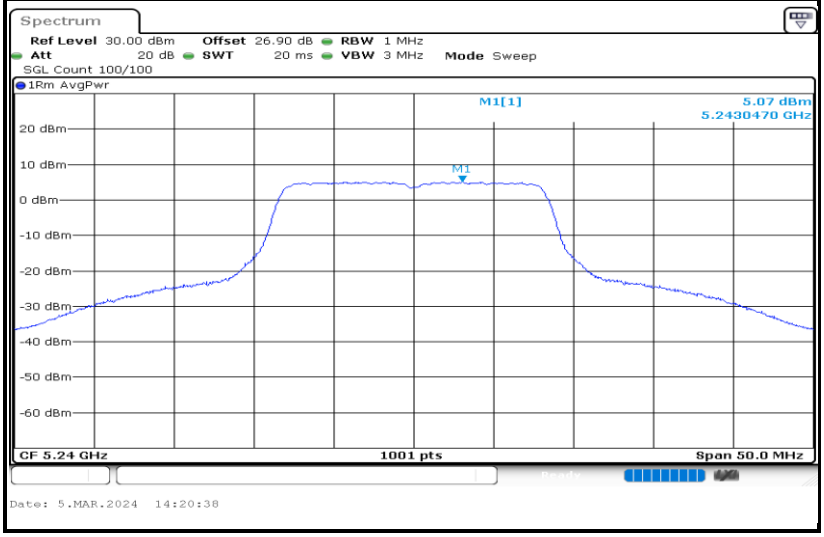
26dB Bandwidth	99% Occupied Bandwidth
	

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

Test Result of Power Spectral Density

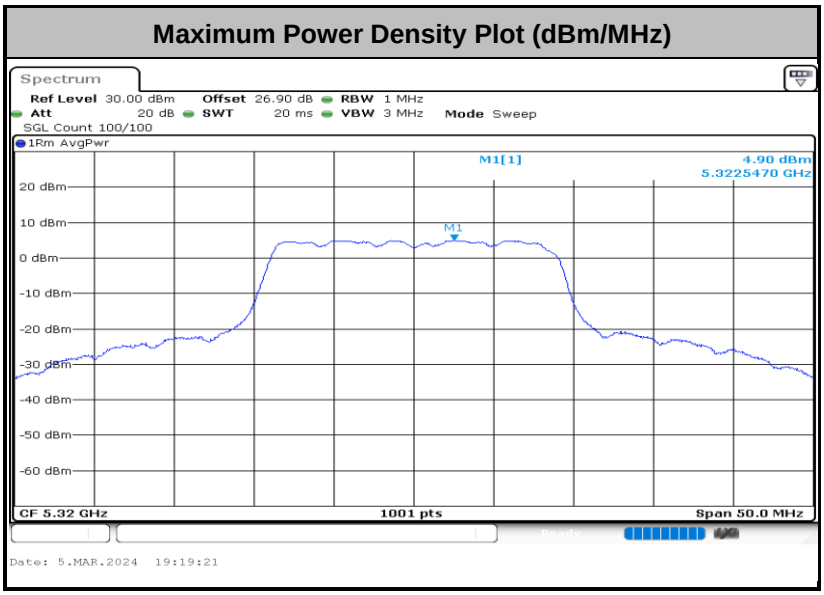
<802.11a>

Maximum Power Density Plot (dBm/MHz)

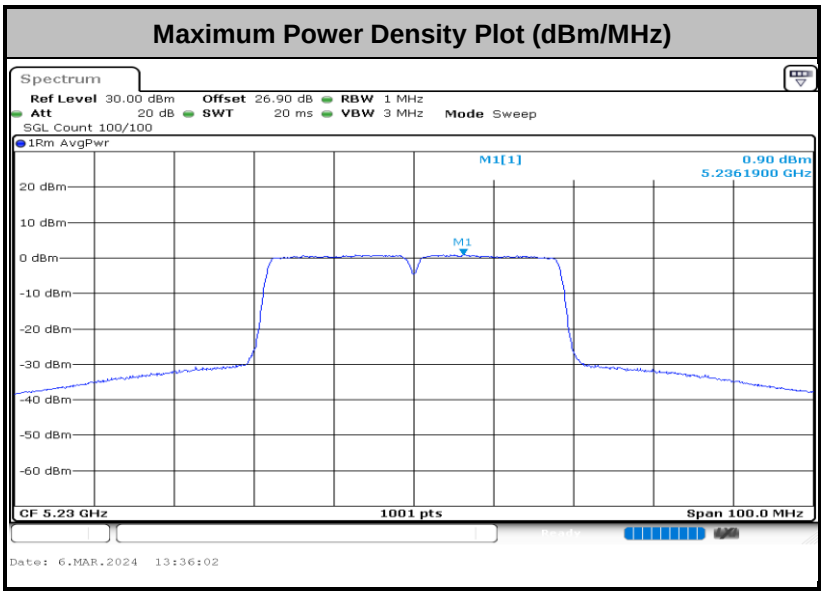


<802.11ac VHT20>

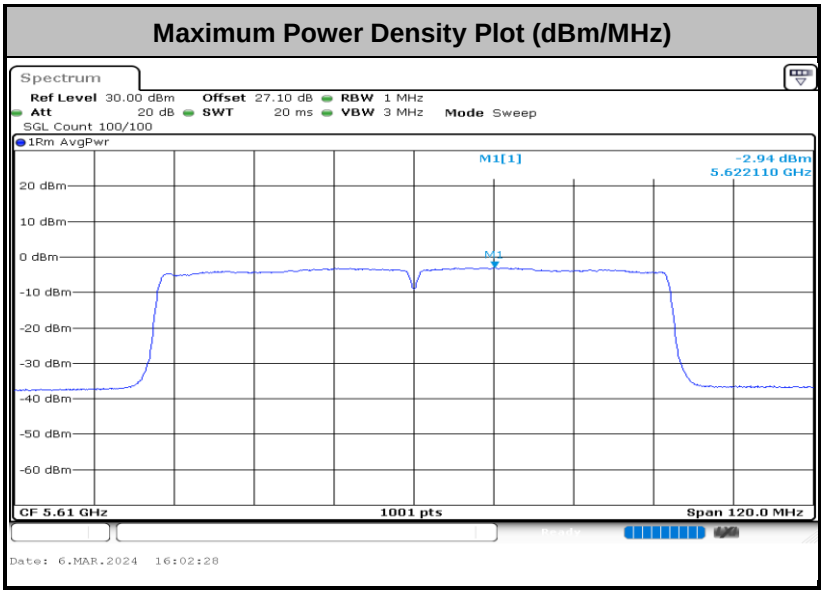
Maximum Power Density Plot (dBm/MHz)



<802.11ac VHT40>

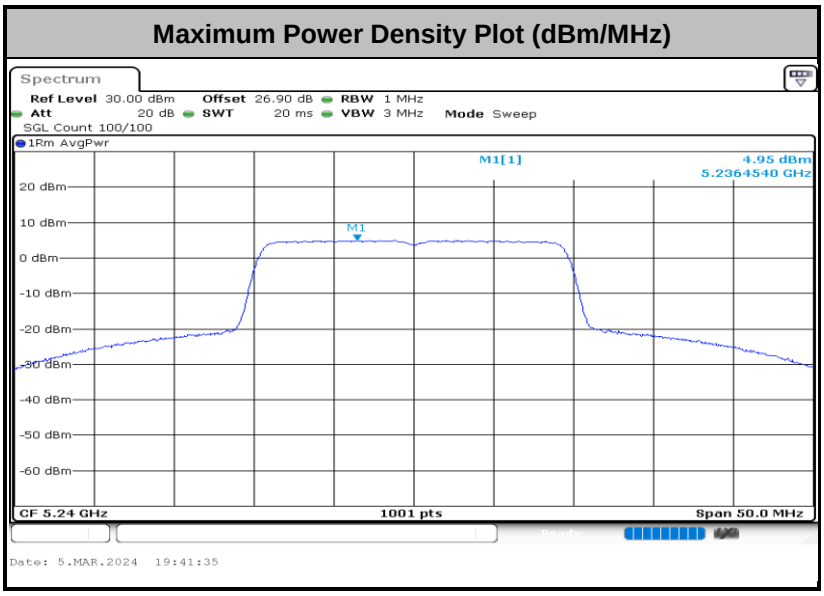


<802.11ac VHT80>



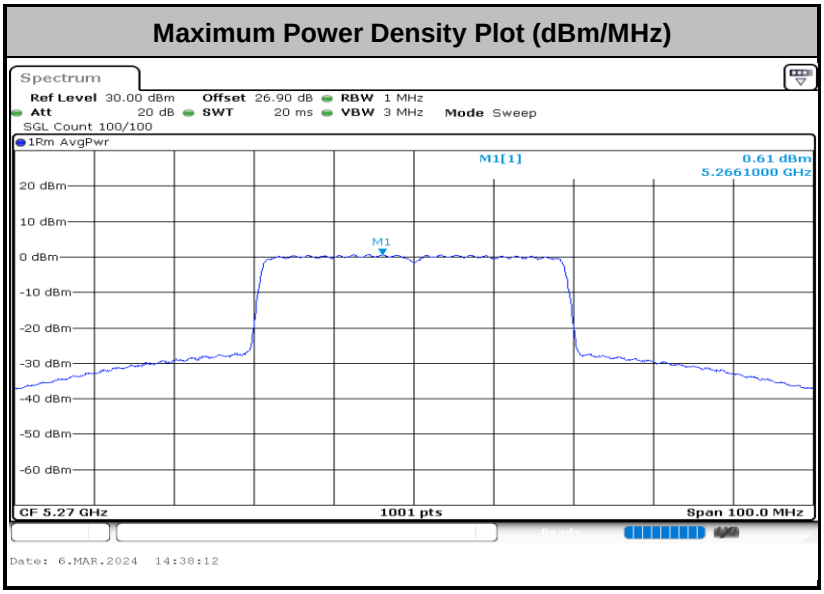
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)



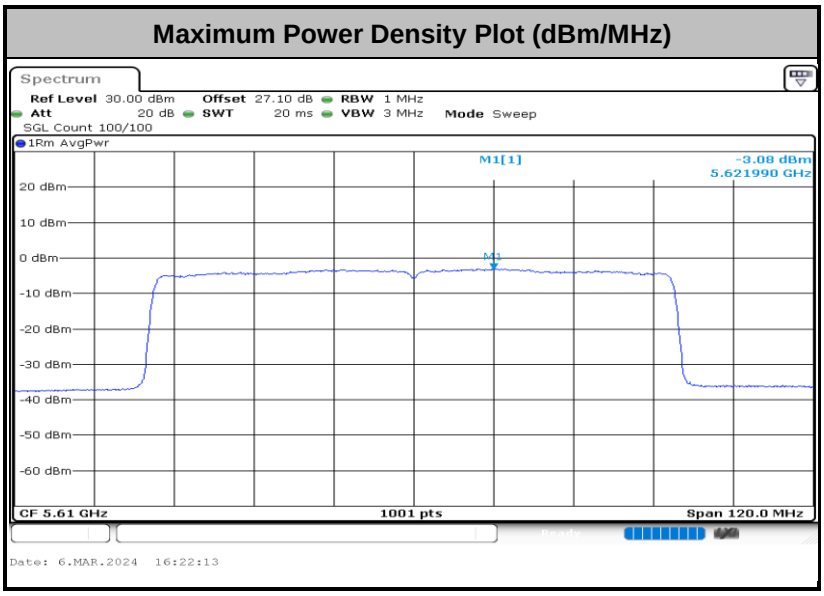
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)



<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

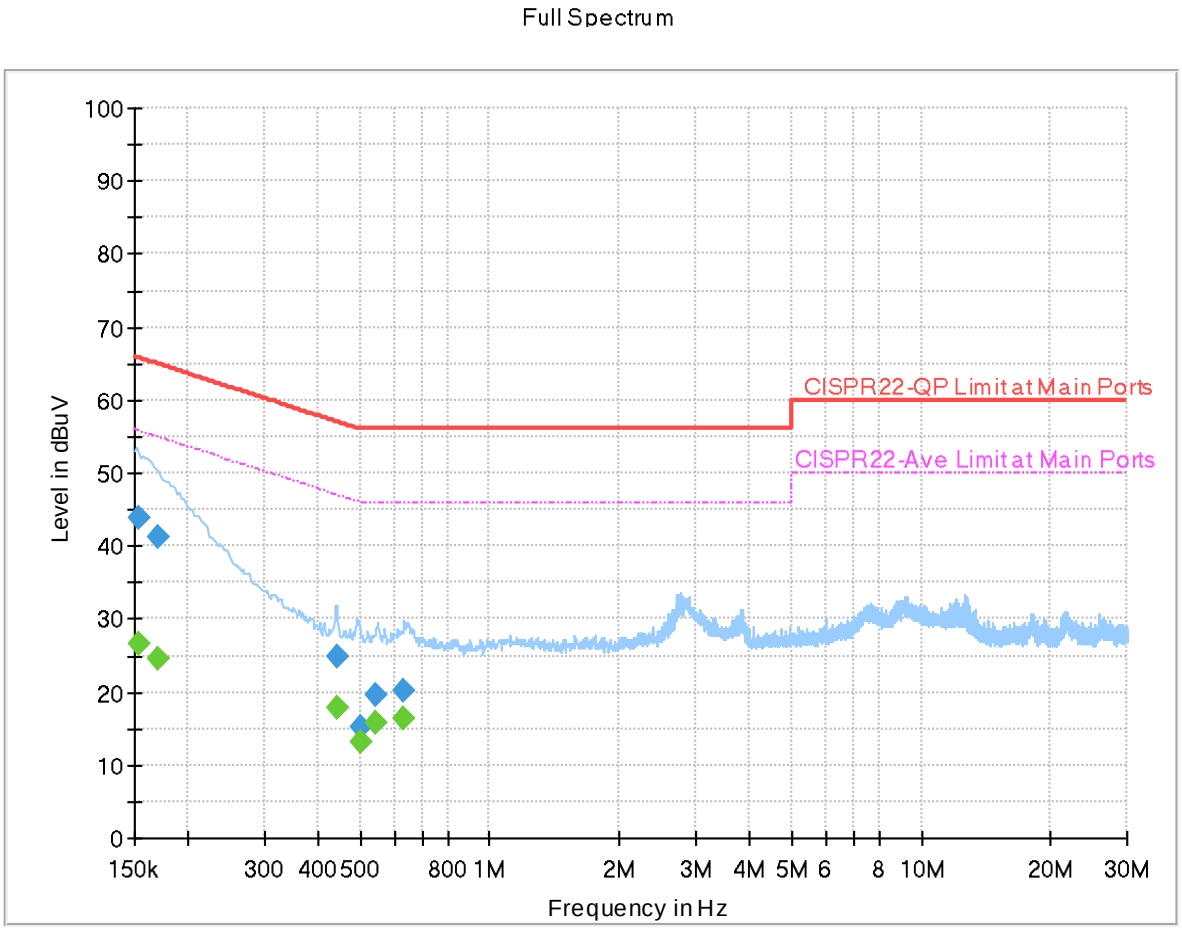


Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO :	420107
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

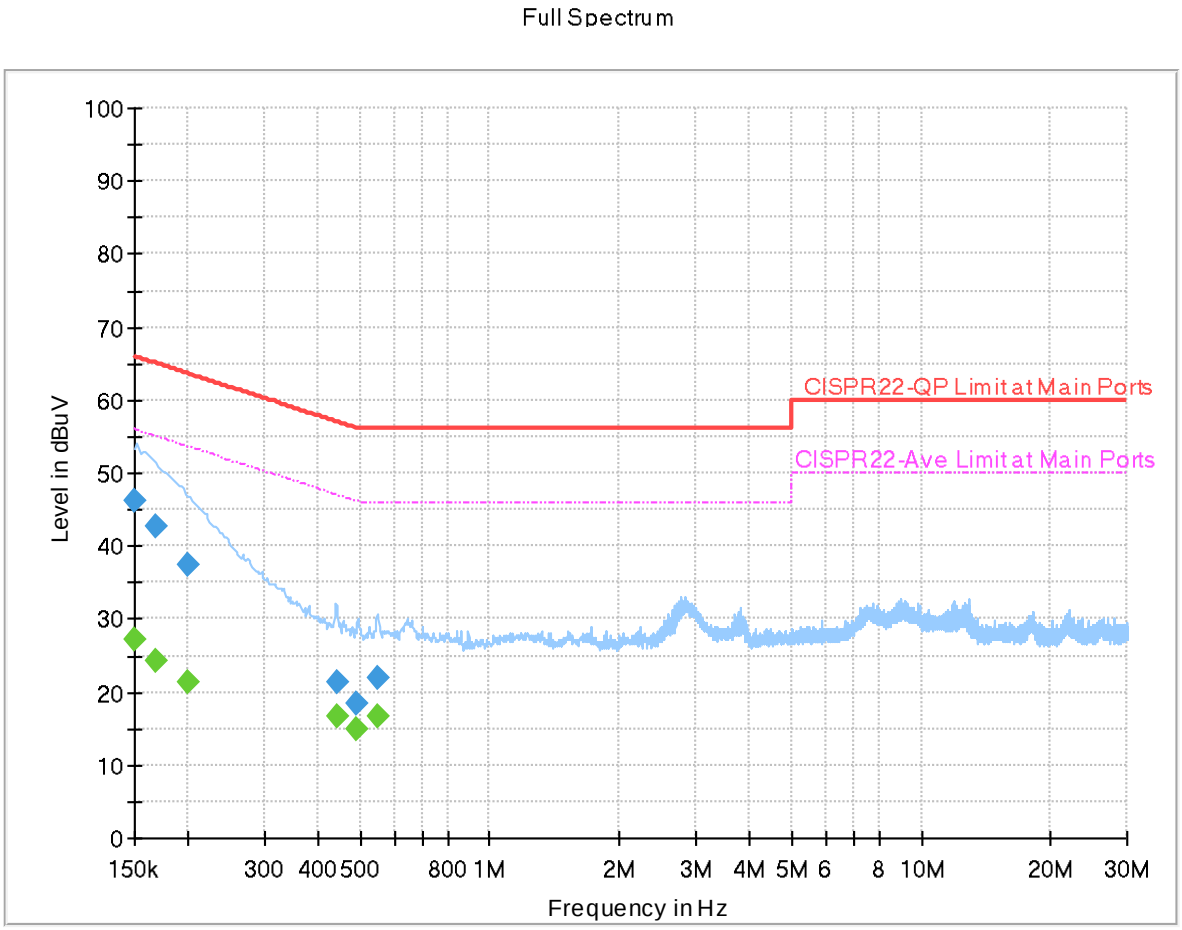


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152700	---	26.52	55.85	29.33	L1	OFF	19.9
0.152700	43.79	---	65.85	22.06	L1	OFF	19.9
0.169260	---	24.58	55.00	30.42	L1	OFF	19.9
0.169260	41.22	---	65.00	23.78	L1	OFF	19.9
0.440340	---	17.91	47.06	29.15	L1	OFF	19.9
0.440340	24.88	---	57.06	32.18	L1	OFF	19.9
0.503250	---	13.15	46.00	32.85	L1	OFF	19.9
0.503250	15.17	---	56.00	40.83	L1	OFF	19.9
0.546000	---	15.67	46.00	30.33	L1	OFF	19.9
0.546000	19.58	---	56.00	36.42	L1	OFF	19.9
0.632490	---	16.51	46.00	29.49	L1	OFF	19.9
0.632490	20.09	---	56.00	35.91	L1	OFF	19.9

EUT Information

Report NO :	420107
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)
0.150000	46.32	---	66.00	19.68	N	OFF	19.9
0.150000	---	27.16	56.00	28.84	N	OFF	19.9
0.168900	42.63	---	65.01	22.38	N	OFF	19.9
0.168900	---	24.27	55.01	30.74	N	OFF	19.9
0.199500	37.57	---	63.63	26.06	N	OFF	19.9
0.199500	---	21.26	53.63	32.37	N	OFF	19.9
0.444750	21.20	---	56.97	35.77	N	OFF	19.9
0.444750	---	16.64	46.97	30.33	N	OFF	19.9
0.489750	18.45	---	56.17	37.72	N	OFF	19.9
0.489750	---	15.04	46.17	31.13	N	OFF	19.9
0.547890	22.00	---	56.00	34.00	N	OFF	19.9
0.547890	---	16.66	46.00	29.34	N	OFF	19.9

Appendix C. Radiated Spurious Emission

Test Engineer :	Daniel Lee, Quentin Liu and Bigshow Wang	Temperature :	21.1~23.4°C
		Relative Humidity :	48~58%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.8	60.11	-13.89	74	55.19	32.95	8.32	36.35	343	17	P	H
		5150	48.65	-5.35	54	43.73	32.95	8.32	36.35	343	17	A	H
	*	5180	104.82	-	-	99.89	32.92	8.35	36.34	343	17	P	H
	*	5180	97.32	-	-	92.39	32.92	8.35	36.34	343	17	A	H
													H
		5147	56.92	-17.08	74	52	32.95	8.32	36.35	100	49	P	V
		5150	45.46	-8.54	54	40.54	32.95	8.32	36.35	100	49	A	V
	*	5180	102	-	-	97.07	32.92	8.35	36.34	100	49	P	V
	*	5180	93.8	-	-	88.87	32.92	8.35	36.34	100	49	A	V
													V
802.11a CH 44 5220MHz		5083.95	47.51	-26.49	74	42.58	33.03	8.26	36.36	100	314	P	H
		5148.81	38.46	-15.54	54	33.54	32.95	8.32	36.35	100	314	A	H
	*	5220	105.63	-	-	100.71	32.88	8.38	36.34	100	314	P	H
	*	5220	98.41	-	-	93.49	32.88	8.38	36.34	100	314	A	H
		5398.9	45.48	-28.52	74	40.53	32.8	8.45	36.3	100	314	P	H
		5356.26	36.64	-17.36	54	31.72	32.8	8.43	36.31	100	314	A	H
		5136.16	46.4	-27.6	74	41.48	32.96	8.31	36.35	100	53	P	V
		5146.74	37.6	-16.4	54	32.68	32.95	8.32	36.35	100	53	A	V
	*	5220	103.11	-	-	98.19	32.88	8.38	36.34	100	53	P	V
	*	5220	95.71	-	-	90.79	32.88	8.38	36.34	100	53	A	V
		5384.08	45.57	-28.43	74	40.63	32.8	8.44	36.3	100	53	P	V
		5458.96	36.54	-17.46	54	31.52	32.8	8.51	36.29	100	53	A	V

802.11a CH 48 5240MHz		5007.5	46.41	-27.59	74	41.41	33.19	8.19	36.38	100	315	P	H
		5148.25	38	-16	54	33.08	32.95	8.32	36.35	100	315	A	H
	*	5240	106.65	-	-	101.73	32.86	8.39	36.33	100	315	P	H
	*	5240	98.08	-	-	93.16	32.86	8.39	36.33	100	315	A	H
		5432.64	46.9	-27.1	74	41.9	32.8	8.49	36.29	100	315	P	H
		5355.36	36.75	-17.25	54	31.83	32.8	8.43	36.31	100	315	A	H
		5145.25	47.84	-26.16	74	42.92	32.95	8.32	36.35	100	49	P	V
		5142.25	37.49	-16.51	54	32.56	32.96	8.32	36.35	100	49	A	V
	*	5240	103.94	-	-	99.02	32.86	8.39	36.33	100	49	P	V
	*	5240	96.33	-	-	91.41	32.86	8.39	36.33	100	49	A	V
		5439.36	45.57	-28.43	74	40.57	32.8	8.49	36.29	100	49	P	V
		5456.16	36.61	-17.39	54	31.59	32.8	8.51	36.29	100	49	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	43.98	-24.22	68.2	51.9	38.54	12.48	58.94	-	-	P	H
		15540	46.33	-27.67	74	50.78	38.28	15.82	58.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	43.98	-24.22	68.2	51.9	38.54	12.48	58.94	-	-	P	V
		15540	46.17	-27.83	74	50.62	38.28	15.82	58.55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	44.57	-23.63	68.2	52.4	38.58	12.53	58.94	-	-	P	H
		15660	46.82	-27.18	74	51.45	38.08	15.91	58.62	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz													H
		10440	44.03	-24.17	68.2	51.86	38.58	12.53	58.94	-	-	P	V
		15660	45.21	-28.79	74	49.84	38.08	15.91	58.62	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	44.21	-23.99	68.2	52	38.59	12.55	58.93	-	-	P	H
		15720	46.26	-27.74	74	50.97	37.98	15.96	58.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz													H
		10480	43.75	-24.45	68.2	51.54	38.59	12.55	58.93	-	-	P	V
		15720	45.86	-28.14	74	50.57	37.98	15.96	58.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5145.8	61.9	-12.1	74	56.98	32.95	8.32	36.35	293	12	P	H
		5150	49.17	-4.83	54	44.25	32.95	8.32	36.35	293	12	A	H
	*	5180	103.78	-	-	98.85	32.92	8.35	36.34	293	12	P	H
	*	5180	96.61	-	-	91.68	32.92	8.35	36.34	293	12	A	H
													H
													H
		5148.8	59.04	-14.96	74	54.12	32.95	8.32	36.35	105	43	P	V
		5149.6	46.41	-7.59	54	41.49	32.95	8.32	36.35	105	43	A	V
	*	5180	99.87	-	-	94.94	32.92	8.35	36.34	105	43	P	V
	*	5180	92.57	-	-	87.64	32.92	8.35	36.34	105	43	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.48	-23.72	68.2	52.27	38.59	12.55	58.93	-	-	P	H
		15720	46.22	-27.78	74	50.93	37.98	15.96	58.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 48		10480	43.73	-24.47	68.2	51.52	38.59	12.55	58.93	-	-	P	V
5240MHz		15720	46.39	-27.61	74	51.1	37.98	15.96	58.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.4	60.64	-13.36	74	55.72	32.95	8.32	36.35	100	274	P	H
		5149.8	48.68	-5.32	54	43.76	32.95	8.32	36.35	100	274	A	H
	*	5180	103.01	-	-	98.08	32.92	8.35	36.34	100	274	P	H
	*	5180	95.98	-	-	91.05	32.92	8.35	36.34	100	274	A	H
802.11ac													H
VHT20													H
CH 36		5150	57.01	-16.99	74	52.09	32.95	8.32	36.35	100	48	P	V
5180MHz		5150	45.78	-8.22	54	40.86	32.95	8.32	36.35	100	48	A	V
	*	5180	100.92	-	-	95.99	32.92	8.35	36.34	100	48	P	V
	*	5180	93.5	-	-	88.57	32.92	8.35	36.34	100	48	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	45.42	-22.78	68.2	53.21	38.59	12.55	58.93	-	-	P	H
		15720	46.13	-27.87	74	50.84	37.98	15.96	58.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 48		10480	44.05	-24.15	68.2	51.84	38.59	12.55	58.93	-	-	P	V
5240MHz		15720	46.64	-27.36	74	51.35	37.98	15.96	58.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 38 5190MHz		5149.16	63.23	-10.77	74	58.31	32.95	8.32	36.35	100	265	P	H
		5150	51.88	-2.12	54	46.96	32.95	8.32	36.35	100	265	A	H
	*	5190	99.88	-	-	94.95	32.91	8.36	36.34	100	265	P	H
	*	5190	92.5	-	-	87.57	32.91	8.36	36.34	100	265	A	H
		5388	46.28	-27.72	74	41.33	32.8	8.45	36.3	100	265	P	H
		5437.8	37	-17	54	32	32.8	8.49	36.29	100	265	A	H
		5141.46	63.49	-10.51	74	58.57	32.96	8.31	36.35	100	49	P	V
		5150	48.93	-5.07	54	44.01	32.95	8.32	36.35	100	49	A	V
	*	5190	97.48	-	-	92.55	32.91	8.36	36.34	100	49	P	V
	*	5190	89.81	-	-	84.88	32.91	8.36	36.34	100	49	A	V
		5403	46.08	-27.92	74	41.13	32.8	8.45	36.3	100	49	P	V
		5447.7	36.96	-17.04	54	31.95	32.8	8.5	36.29	100	49	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.76	-23.44	68.2	52.57	38.58	12.54	58.93	-	-	P	H
		15690	45.73	-28.27	74	50.39	38.03	15.94	58.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 46		10460	44.64	-23.56	68.2	52.45	38.58	12.54	58.93	-	-	P	V
5230MHz		15690	44.84	-29.16	74	49.5	38.03	15.94	58.63	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		5148.98	62.77	-11.23	74	57.85	32.95	8.32	36.35	314	14	P	H
		5149.76	51.89	-2.11	54	46.97	32.95	8.32	36.35	314	14	A	H
	*	5210	97.26	-	-	92.34	32.89	8.37	36.34	314	14	P	H
	*	5210	89.98	-	-	85.06	32.89	8.37	36.34	314	14	A	H
		5352.3	49.55	-24.45	74	44.63	32.8	8.43	36.31	314	14	P	H
		5350.2	39.66	-14.34	54	34.74	32.8	8.43	36.31	314	14	A	H
		5139.36	57.5	-16.5	74	52.58	32.96	8.31	36.35	100	46	P	V
		5149.24	46.42	-7.58	54	41.5	32.95	8.32	36.35	100	46	A	V
	*	5210	93.42	-	-	88.5	32.89	8.37	36.34	100	46	P	V
	*	5210	86.01	-	-	81.09	32.89	8.37	36.34	100	46	A	V
		5416.5	46.29	-27.71	74	41.32	32.8	8.47	36.3	100	46	P	V
		5351.1	38.01	-15.99	54	33.09	32.8	8.43	36.31	100	46	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.04	-24.16	68.2	51.89	38.57	12.52	58.94	-	-	P	H
		15630	46.14	-27.86	74	50.72	38.13	15.89	58.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 42		10420	43.84	-24.36	68.2	51.69	38.57	12.52	58.94	-	-	P	V
5210MHz		15630	45.43	-28.57	74	50.01	38.13	15.89	58.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.6	60.06	-13.94	74	55.14	32.95	8.32	36.35	100	312	P	H
		5150	49.85	-4.15	54	44.93	32.95	8.32	36.35	100	312	A	H
	*	5180	104.44	-	-	99.51	32.92	8.35	36.34	100	312	P	H
	*	5180	96.5	-	-	91.57	32.92	8.35	36.34	100	312	A	H
802.11ax													H
HE20 Full													H
CH 36		5149.6	57	-17	74	52.08	32.95	8.32	36.35	100	45	P	V
5180MHz		5150	46.54	-7.46	54	41.62	32.95	8.32	36.35	100	45	A	V
	*	5180	100.84	-	-	95.91	32.92	8.35	36.34	100	45	P	V
	*	5180	93.05	-	-	88.12	32.92	8.35	36.34	100	45	A	V
													V
													V
		5148.58	49.13	-24.87	74	44.21	32.95	8.32	36.35	100	314	P	H
		5149.73	39.2	-14.8	54	34.28	32.95	8.32	36.35	100	314	A	H
	*	5220	104.9	-	-	99.98	32.88	8.38	36.34	100	314	P	H
	*	5220	97.13	-	-	92.21	32.88	8.38	36.34	100	314	A	H
802.11ax		5362.76	46.72	-27.28	74	41.79	32.8	8.44	36.31	100	314	P	H
HE20 Full		5459.22	36.27	-17.73	54	31.24	32.8	8.52	36.29	100	314	A	H
CH 44		5060.03	46.92	-27.08	74	41.97	33.08	8.24	36.37	100	53	P	V
5220MHz		5149.96	38.21	-15.79	54	33.29	32.95	8.32	36.35	100	53	A	V
	*	5220	105.64	-	-	100.72	32.88	8.38	36.34	100	53	P	V
	*	5220	95.1	-	-	90.18	32.88	8.38	36.34	100	53	A	V
		5413.72	45.74	-28.26	74	40.77	32.8	8.47	36.3	100	53	P	V
		5458.7	36.15	-17.85	54	31.13	32.8	8.51	36.29	100	53	A	V

		5056.25	46.99	-27.01	74	42.04	33.09	8.23	36.37	100	315	P	H
		5149.75	37.76	-16.24	54	32.84	32.95	8.32	36.35	100	315	A	H
	*	5240	105.69	-	-	100.77	32.86	8.39	36.33	100	315	P	H
	*	5240	96.87	-	-	91.95	32.86	8.39	36.33	100	315	A	H
802.11ax		5367.84	45.78	-28.22	74	40.85	32.8	8.44	36.31	100	315	P	H
HE20 Full		5353.68	36.45	-17.55	54	31.53	32.8	8.43	36.31	100	315	A	H
CH 48		5075.75	46.71	-27.29	74	41.77	33.05	8.25	36.36	100	51	P	V
5240MHz		5149.5	37.46	-16.54	54	32.54	32.95	8.32	36.35	100	51	A	V
	*	5240	103.11	-	-	98.19	32.86	8.39	36.33	100	51	P	V
	*	5240	95.23	-	-	90.31	32.86	8.39	36.33	100	51	A	V
		5402.4	46.41	-27.59	74	41.46	32.8	8.45	36.3	100	51	P	V
		5350.32	36.33	-17.67	54	31.41	32.8	8.43	36.31	100	51	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.28	-23.92	68.2	52.2	38.54	12.48	58.94	-	-	P	H
		15540	46.23	-27.77	74	50.68	38.28	15.82	58.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	45.29	-22.91	68.2	53.21	38.54	12.48	58.94	-	-	P	V
5180MHz		15540	45.29	-28.71	74	49.74	38.28	15.82	58.55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	43.97	-24.23	68.2	51.8	38.58	12.53	58.94	-	-	P	H
		15660	47.29	-26.71	74	51.92	38.08	15.91	58.62	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	44.39	-23.81	68.2	52.22	38.58	12.53	58.94	-	-	P	V
5220MHz		15660	45.28	-28.72	74	49.91	38.08	15.91	58.62	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	44.72	-23.48	68.2	52.51	38.59	12.55	58.93	-	-	P	H
		15720	46.19	-27.81	74	50.9	37.98	15.96	58.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	45.21	-22.99	68.2	53	38.59	12.55	58.93	-	-	P	V
5240MHz		15720	45.6	-28.4	74	50.31	37.98	15.96	58.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5138	68.55	-5.45	74	63.63	32.96	8.31	36.35	100	294	P	H
		5137	51.31	-2.69	54	46.39	32.96	8.31	36.35	100	294	A	H
	*	5180	108.66	-	-	103.73	32.92	8.35	36.34	100	294	P	H
	*	5180	101.81	-	-	96.88	32.92	8.35	36.34	100	294	A	H
													H
													H
		5138.2	62.93	-11.07	74	58.01	32.96	8.31	36.35	100	19	P	V
		5137.8	48.58	-5.42	54	43.66	32.96	8.31	36.35	100	19	A	V
	*	5180	107.46	-	-	102.53	32.92	8.35	36.34	100	19	P	V
	*	5180	100.21	-	-	95.28	32.92	8.35	36.34	100	19	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		10355	44.03	-24.17	68.2	51.96	38.54	12.47	58.94	-	-	P	H
		15514	55.2	-18.8	74	59.61	38.33	15.8	58.54	315	221	P	H
		15514	43.16	-10.84	54	47.57	38.33	15.8	58.54	315	221	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10355	43.61	-24.59	68.2	51.54	38.54	12.47	58.94	-	-	P	V
		15514	52	-22	74	56.41	38.33	15.8	58.54	100	144	P	V
		15514	41.56	-12.44	54	45.97	38.33	15.8	58.54	100	144	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 Partial 52 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 52/37 CH 36 5180MHz		5146.4	61.52	-12.48	74	56.6	32.95	8.32	36.35	332	0	P	H
		5143.4	48.89	-5.11	54	43.96	32.96	8.32	36.35	332	0	A	H
	*	5176	107.04	-	-	102.11	32.92	8.35	36.34	332	0	P	H
	*	5180	100.14	-	-	95.21	32.92	8.35	36.34	332	0	A	H
													H
													H
		5143.2	58.76	-15.24	74	53.83	32.96	8.32	36.35	295	33	P	V
		5142.2	41.74	-12.26	54	36.81	32.96	8.32	36.35	295	33	A	V
	*	5180	101.96	-	-	97.03	32.92	8.35	36.34	295	33	P	V
	*	5180	94.59	-	-	89.66	32.92	8.35	36.34	295	33	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5146.6	65.22	-8.78	74	60.3	32.95	8.32	36.35	392	360	P	H
		5144.6	51.39	-2.61	54	46.46	32.96	8.32	36.35	392	360	A	H
	*	5180	106.6	-	-	101.67	32.92	8.35	36.34	392	360	P	H
802.11ax	*	5180	98.48	-	-	93.55	32.92	8.35	36.34	392	360	A	H
HE20													H
Partial													H
106/53		5146.4	60.82	-13.18	74	55.9	32.95	8.32	36.35	230	15	P	V
CH 36		5149.6	47.66	-6.34	54	42.74	32.95	8.32	36.35	230	15	A	V
5180MHz	*	5180	101.1	-	-	96.17	32.92	8.35	36.34	230	15	P	V
	*	5180	94.06	-	-	89.13	32.92	8.35	36.34	230	15	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.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.6	62.42	-11.58	74	57.5	32.95	8.32	36.35	347	19	P	H
		5149.82	51.48	-2.52	54	46.56	32.95	8.32	36.35	347	19	A	H
	*	5190	101.51	-	-	96.58	32.91	8.36	36.34	347	19	P	H
	*	5190	92.56	-	-	87.63	32.91	8.36	36.34	347	19	A	H
802.11ax		5412.9	46.61	-27.39	74	41.65	32.8	8.46	36.3	347	19	P	H
HE40 Full		5455.8	37.09	-16.91	54	32.07	32.8	8.51	36.29	347	19	A	H
CH 38		5149.82	58.47	-15.53	74	53.55	32.95	8.32	36.35	125	43	P	V
5190MHz		5149.6	46.55	-7.45	54	41.63	32.95	8.32	36.35	125	43	A	V
	*	5190	97.52	-	-	92.59	32.91	8.36	36.34	125	43	P	V
	*	5190	88.77	-	-	83.84	32.91	8.36	36.34	125	43	A	V
		5414.7	46.18	-27.82	74	41.21	32.8	8.47	36.3	125	43	P	V
		5458.5	37.04	-16.96	54	32.02	32.8	8.51	36.29	125	43	A	V
		5144.04	55.91	-18.09	74	50.98	32.96	8.32	36.35	329	14	P	H
		5150	43.96	-10.04	54	39.04	32.95	8.32	36.35	329	14	A	H
	*	5230	102.17	-	-	97.25	32.87	8.38	36.33	329	14	P	H
	*	5230	94.12	-	-	89.2	32.87	8.38	36.33	329	14	A	H
802.11ax		5354.96	47.66	-26.34	74	42.74	32.8	8.43	36.31	329	14	P	H
HE40 Full		5351.32	38.78	-15.22	54	33.86	32.8	8.43	36.31	329	14	A	H
CH 46		5143.26	50.17	-23.83	74	45.24	32.96	8.32	36.35	100	50	P	V
5230MHz		5150	40.84	-13.16	54	35.92	32.95	8.32	36.35	100	50	A	V
	*	5230	100.05	-	-	95.13	32.87	8.38	36.33	100	50	P	V
	*	5230	90.8	-	-	85.88	32.87	8.38	36.33	100	50	A	V
		5441.8	47.47	-26.53	74	42.46	32.8	8.5	36.29	100	50	P	V
		5353.14	37.68	-16.32	54	32.76	32.8	8.43	36.31	100	50	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.47	-23.73	68.2	52.38	38.55	12.48	58.94	-	-	P	H
		15570	44.98	-29.02	74	49.48	38.23	15.84	58.57	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	44.68	-23.52	68.2	52.59	38.55	12.48	58.94	-	-	P	V
5190MHz		15570	44.65	-29.35	74	49.15	38.23	15.84	58.57	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	44.22	-23.98	68.2	52.03	38.58	12.54	58.93	-	-	P	H
		15690	45.86	-28.14	74	50.52	38.03	15.94	58.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	44.41	-23.79	68.2	52.22	38.58	12.54	58.93	-	-	P	V
5230MHz		15690	45.7	-28.3	74	50.36	38.03	15.94	58.63	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5149.5	62.57	-11.43	74	57.65	32.95	8.32	36.35	329	14	P	H
		5150	49.88	-4.12	54	44.96	32.95	8.32	36.35	329	14	A	H
	*	5210	98.13	-	-	93.21	32.89	8.37	36.34	329	14	P	H
	*	5210	89.39	-	-	84.47	32.89	8.37	36.34	329	14	A	H
		5351.4	48.28	-25.72	74	43.36	32.8	8.43	36.31	329	14	P	H
		5350.2	39.29	-14.71	54	34.37	32.8	8.43	36.31	329	14	A	H
		5150	56.97	-17.03	74	52.05	32.95	8.32	36.35	109	46	P	V
		5148.98	46.02	-7.98	54	41.1	32.95	8.32	36.35	109	46	A	V
	*	5210	95.26	-	-	90.34	32.89	8.37	36.34	109	46	P	V
	*	5210	85.83	-	-	80.91	32.89	8.37	36.34	109	46	A	V
		5359.8	47.27	-26.73	74	42.35	32.8	8.43	36.31	109	46	P	V
		5350	37.87	-16.13	54	32.95	32.8	8.43	36.31	109	46	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	43.68	-24.52	68.2	51.53	38.57	12.52	58.94	-	-	P	H
		15630	45.78	-28.22	74	50.36	38.13	15.89	58.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	44.3	-23.9	68.2	52.15	38.57	12.52	58.94	-	-	P	V
5210MHz		15630	45.78	-28.22	74	50.36	38.13	15.89	58.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		5009.52	46.32	-27.68	74	41.33	33.18	8.19	36.38	100	317	P	H
		5126.84	37.58	-16.42	54	32.66	32.97	8.3	36.35	100	317	A	H
	*	5260	104.78	-	-	99.88	32.84	8.39	36.33	100	317	P	H
	*	5260	97.34	-	-	92.44	32.84	8.39	36.33	100	317	A	H
		5389.16	46.8	-27.2	74	41.85	32.8	8.45	36.3	100	317	P	H
		5350.66	37.41	-16.59	54	32.49	32.8	8.43	36.31	100	317	A	H
		5005.6	46.54	-27.46	74	41.54	33.19	8.19	36.38	100	50	P	V
		5106.68	37.43	-16.57	54	32.52	32.99	8.28	36.36	100	50	A	V
	*	5260	103.01	-	-	98.11	32.84	8.39	36.33	100	50	P	V
	*	5260	96.06	-	-	91.16	32.84	8.39	36.33	100	50	A	V
		5394.44	46.35	-27.65	74	41.4	32.8	8.45	36.3	100	50	P	V
		5356.82	37.17	-16.83	54	32.25	32.8	8.43	36.31	100	50	A	V
802.11a CH 60 5300MHz		5102.72	46.5	-27.5	74	41.58	33	8.28	36.36	100	305	P	H
		5065.92	37.31	-16.69	54	32.37	33.07	8.24	36.37	100	305	A	H
	*	5300	104.37	-	-	99.48	32.8	8.41	36.32	100	305	P	H
	*	5300	96.75	-	-	91.86	32.8	8.41	36.32	100	305	A	H
		5350.92	50.72	-23.28	74	45.8	32.8	8.43	36.31	100	305	P	H
		5350.38	40.76	-13.24	54	35.84	32.8	8.43	36.31	100	305	A	H
		5098.56	46.01	-27.99	74	41.1	33	8.27	36.36	100	57	P	V
		5073.28	37.39	-16.61	54	32.46	33.05	8.25	36.37	100	57	A	V
	*	5300	103.55	-	-	98.66	32.8	8.41	36.32	100	57	P	V
	*	5300	95.08	-	-	90.19	32.8	8.41	36.32	100	57	A	V
		5351.82	51.38	-22.62	74	46.46	32.8	8.43	36.31	100	57	P	V
		5350.02	39.68	-14.32	54	34.76	32.8	8.43	36.31	100	57	A	V

802.11a CH 64 5320MHz	*	5320	104.06	-	-	99.16	32.8	8.42	36.32	323	18	P	H
	*	5320	96.55	-	-	91.65	32.8	8.42	36.32	323	18	A	H
		5350.88	62.98	-11.02	74	58.06	32.8	8.43	36.31	323	18	P	H
		5350.24	47.16	-6.84	54	42.24	32.8	8.43	36.31	323	18	A	H
													H
													H
	*	5320	100.59	-	-	95.69	32.8	8.42	36.32	100	50	P	V
	*	5320	93.39	-	-	88.49	32.8	8.42	36.32	100	50	A	V
		5350.72	58.08	-15.92	74	53.16	32.8	8.43	36.31	100	50	P	V
		5350.08	43.64	-10.36	54	38.72	32.8	8.43	36.31	100	50	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	44.43	-23.77	68.2	52.15	38.61	12.59	58.92	-	-	P	H
		15780	53.88	-20.12	74	58.67	37.87	16.02	58.68	100	233	P	H
		15780	42.79	-11.21	54	47.58	37.87	16.02	58.68	100	233	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	43.95	-24.25	68.2	51.67	38.61	12.59	58.92	-	-	P	V
		15780	45.3	-28.7	74	50.09	37.87	16.02	58.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	43.41	-30.59	74	51.01	38.64	12.64	58.88	-	-	P	H
		15900	55.79	-18.21	74	60.76	37.67	16.11	58.75	100	232	P	H
		15900	45.13	-8.87	54	50.1	37.67	16.11	58.75	100	232	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz													H
		10600	43.38	-30.62	74	50.98	38.64	12.64	58.88	-	-	P	V
		15900	50.58	-23.42	74	55.55	37.67	16.11	58.75	393	152	P	V
		15900	41.16	-12.84	54	46.13	37.67	16.11	58.75	393	152	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	43.48	-30.52	74	51.02	38.66	12.66	58.86	-	-	P	H
		15960	53.66	-20.34	74	58.71	37.57	16.16	58.78	100	239	P	H
		15960	44.39	-9.61	54	49.44	37.57	16.16	58.78	100	239	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	43.9	-30.1	74	51.44	38.66	12.66	58.86	-	-	P	V
		15960	49.18	-24.82	74	54.23	37.57	16.16	58.78	400	154	P	V
		15960	40.42	-13.58	54	45.47	37.57	16.16	58.78	400	154	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 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 64 5320MHz	*	5320	102.87	-	-	97.97	32.8	8.42	36.32	100	315	P	H
	*	5320	95.29	-	-	90.39	32.8	8.42	36.32	100	315	A	H
		5354.88	59.99	-14.01	74	55.07	32.8	8.43	36.31	100	315	P	H
		5350.72	47.67	-6.33	54	42.75	32.8	8.43	36.31	100	315	A	H
													H
													H
	*	5320	100.2	-	-	95.3	32.8	8.42	36.32	100	47	P	V
	*	5320	92.4	-	-	87.5	32.8	8.42	36.32	100	47	A	V
		5354.4	58.06	-15.94	74	53.14	32.8	8.43	36.31	100	47	P	V
		5351.04	44.53	-9.47	54	39.61	32.8	8.43	36.31	100	47	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	43.27	-24.93	68.2	50.99	38.61	12.59	58.92	-	-	P	H
		15780	52.26	-21.74	74	57.05	37.87	16.02	58.68	100	234	P	H
		15780	42.9	-11.1	54	47.69	37.87	16.02	58.68	100	234	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 52		10520	43.35	-24.85	68.2	51.07	38.61	12.59	58.92	-	-	P	V
5260MHz		15780	45.81	-28.19	74	50.6	37.87	16.02	58.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	102.78	-	-	97.88	32.8	8.42	36.32	100	312	P	H
	*	5320	95.62	-	-	90.72	32.8	8.42	36.32	100	312	A	H
		5350.56	60.75	-13.25	74	55.83	32.8	8.43	36.31	100	312	P	H
		5350.08	47.47	-6.53	54	42.55	32.8	8.43	36.31	100	312	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	100.03	-	-	95.13	32.8	8.42	36.32	100	47	P	V
5320MHz	*	5320	92.82	-	-	87.92	32.8	8.42	36.32	100	47	A	V
		5357.44	57.97	-16.03	74	53.05	32.8	8.43	36.31	100	47	P	V
		5350.08	44.76	-9.24	54	39.84	32.8	8.43	36.31	100	47	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	45.02	-23.18	68.2	52.74	38.61	12.59	58.92	-	-	P	H
		15780	54.7	-19.3	74	59.49	37.87	16.02	58.68	100	232	P	H
		15780	42.52	-11.48	54	47.31	37.87	16.02	58.68	100	232	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 52		10520	44.93	-23.27	68.2	52.65	38.61	12.59	58.92	-	-	P	V
5260MHz		15780	52.05	-21.95	74	56.84	37.87	16.02	58.68	354	149	P	V
		15780	40.31	-13.69	54	45.1	37.87	16.02	58.68	354	149	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		5031.28	47.07	-26.93	74	42.09	33.14	8.21	36.37	100	313	P	H
		5021.42	37.96	-16.04	54	32.98	33.16	8.2	36.38	100	313	A	H
	*	5310	98.31	-	-	93.42	32.8	8.41	36.32	100	313	P	H
	*	5310	91.02	-	-	86.13	32.8	8.41	36.32	100	313	A	H
		5350.08	59.22	-14.78	74	54.3	32.8	8.43	36.31	100	313	P	H
		5350.56	50.68	-3.32	54	45.76	32.8	8.43	36.31	100	313	A	H
		5065.62	47.53	-26.47	74	42.59	33.07	8.24	36.37	100	45	P	V
		5128.18	37.77	-16.23	54	32.85	32.97	8.3	36.35	100	45	A	V
	*	5310	95.06	-	-	90.17	32.8	8.41	36.32	100	45	P	V
	*	5310	87.73	-	-	82.84	32.8	8.41	36.32	100	45	A	V
		5351.28	57.29	-16.71	74	52.37	32.8	8.43	36.31	100	45	P	V
		5350.08	46.9	-7.1	54	41.98	32.8	8.43	36.31	100	45	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.06	-24.14	68.2	51.75	38.62	12.6	58.91	-	-	P	H
		15810	53.85	-20.15	74	58.69	37.82	16.04	58.7	100	233	P	H
		15810	42.58	-11.42	54	47.42	37.82	16.04	58.7	100	233	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 54		10540	43.55	-24.65	68.2	51.24	38.62	12.6	58.91	-	-	P	V
5270MHz		15810	51.05	-22.95	74	55.89	37.82	16.04	58.7	100	322	P	V
		15810	40.62	-13.38	54	45.46	37.82	16.04	58.7	100	322	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		5006.46	47.86	-26.14	74	42.86	33.19	8.19	36.38	307	16	P	H
		5147.9	38.44	-15.56	54	33.52	32.95	8.32	36.35	307	16	A	H
	*	5290	95.59	-	-	90.69	32.81	8.41	36.32	307	16	P	H
	*	5290	88.39	-	-	83.49	32.81	8.41	36.32	307	16	A	H
		5350	62.08	-11.92	74	57.16	32.8	8.43	36.31	307	16	P	H
		5351.1	50.92	-3.08	54	46	32.8	8.43	36.31	307	16	A	H
		5010.88	47.41	-26.59	74	42.42	33.18	8.19	36.38	100	43	P	V
		5148.24	38.03	-15.97	54	33.11	32.95	8.32	36.35	100	43	A	V
	*	5290	91.3	-	-	86.4	32.81	8.41	36.32	100	43	P	V
	*	5290	84.1	-	-	79.2	32.81	8.41	36.32	100	43	A	V
		5350.44	58.04	-15.96	74	53.12	32.8	8.43	36.31	100	43	P	V
		5350.22	46.88	-7.12	54	41.96	32.8	8.43	36.31	100	43	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	43.66	-24.54	68.2	51.3	38.63	12.62	58.89	-	-	P	H
		15870	45.34	-28.66	74	50.26	37.72	16.09	58.73	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac VHT80 CH 58 5290MHz													H
													H
		10580	44.9	-23.3	68.2	52.54	38.63	12.62	58.89	-	-	P	V
		15870	45.01	-28.99	74	49.93	37.72	16.09	58.73	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5085.4	46.64	-27.36	74	41.71	33.03	8.26	36.36	100	316	P	H
		5147.56	37.54	-16.46	54	32.62	32.95	8.32	36.35	100	316	A	H
	*	5260	104.41	-	-	99.51	32.84	8.39	36.33	100	316	P	H
	*	5260	96.95	-	-	92.05	32.84	8.39	36.33	100	316	A	H
802.11ax		5357.94	46.48	-27.52	74	41.56	32.8	8.43	36.31	100	316	P	H
HE20 Full		5350	37.49	-16.51	54	32.57	32.8	8.43	36.31	100	316	A	H
CH 52		5083.72	46.8	-27.2	74	41.87	33.03	8.26	36.36	100	52	P	V
5260MHz		5137.76	37.2	-16.8	54	32.28	32.96	8.31	36.35	100	52	A	V
	*	5260	103.33	-	-	98.43	32.84	8.39	36.33	100	52	P	V
	*	5260	95.77	-	-	90.87	32.84	8.39	36.33	100	52	A	V
		5415.48	46.52	-27.48	74	41.55	32.8	8.47	36.3	100	52	P	V
		5350.17	37.23	-16.77	54	32.31	32.8	8.43	36.31	100	52	A	V
		5021.12	46.15	-27.85	74	41.17	33.16	8.2	36.38	100	317	P	H
		5069.76	37.04	-16.96	54	32.1	33.06	8.25	36.37	100	317	A	H
	*	5300	105.4	-	-	100.51	32.8	8.41	36.32	100	317	P	H
	*	5300	96.21	-	-	91.32	32.8	8.41	36.32	100	317	A	H
802.11ax		5350.02	54.7	-19.3	74	49.78	32.8	8.43	36.31	100	317	P	H
HE20 Full		5350.02	42.56	-11.44	54	37.64	32.8	8.43	36.31	100	317	A	H
CH 60		5014.4	46.59	-27.41	74	41.61	33.17	8.19	36.38	100	50	P	V
5300MHz		5058.88	37.01	-16.99	54	32.06	33.08	8.24	36.37	100	50	A	V
	*	5300	102.3	-	-	97.41	32.8	8.41	36.32	100	50	P	V
	*	5300	94.88	-	-	89.99	32.8	8.41	36.32	100	50	A	V
		5361.72	55.78	-18.22	74	50.86	32.8	8.43	36.31	100	50	P	V
		5350.02	41.58	-12.42	54	36.66	32.8	8.43	36.31	100	50	A	V

	*	5320	103.62	-	-	98.72	32.8	8.42	36.32	324	15	P	H
	*	5320	95.76	-	-	90.86	32.8	8.42	36.32	324	15	A	H
		5350.08	61.59	-12.41	74	56.67	32.8	8.43	36.31	324	15	P	H
		5350.08	49.31	-4.69	54	44.39	32.8	8.43	36.31	324	15	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	101.16	-	-	96.26	32.8	8.42	36.32	100	45	P	V
5320MHz	*	5320	92.24	-	-	87.34	32.8	8.42	36.32	100	45	A	V
		5357.76	57.02	-16.98	74	52.1	32.8	8.43	36.31	100	45	P	V
		5350.08	45.19	-8.81	54	40.27	32.8	8.43	36.31	100	45	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	45.1	-23.1	68.2	52.82	38.61	12.59	58.92	-	-	P	H
		15780	53.74	-20.26	74	58.53	37.87	16.02	58.68	100	232	P	H
		15780	42.84	-11.16	54	47.63	37.87	16.02	58.68	100	232	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	43.73	-24.47	68.2	51.45	38.61	12.59	58.92	-	-	P	V
5260MHz		15780	45.53	-28.47	74	50.32	37.87	16.02	58.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.31	-29.69	74	51.91	38.64	12.64	58.88	-	-	P	H
		15900	54.35	-19.65	74	59.32	37.67	16.11	58.75	100	232	P	H
		15900	45.26	-8.74	54	50.23	37.67	16.11	58.75	100	232	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	44.4	-29.6	74	52	38.64	12.64	58.88	-	-	P	V
5300MHz		15900	51.01	-22.99	74	55.98	37.67	16.11	58.75	100	320	P	V
		15900	41.82	-12.18	54	46.79	37.67	16.11	58.75	100	320	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.63	-29.37	74	52.17	38.66	12.66	58.86	-	-	P	H
		15960	53.77	-20.23	74	58.82	37.57	16.16	58.78	100	235	P	H
		15960	45.25	-8.75	54	50.3	37.57	16.16	58.78	100	235	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	43.87	-30.13	74	51.41	38.66	12.66	58.86	-	-	P	V
5320MHz		15960	50.1	-23.9	74	55.15	37.57	16.16	58.78	100	319	P	V
		15960	41.28	-12.72	54	46.33	37.57	16.16	58.78	100	319	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 Partial 26 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	108.19	-	-	103.29	32.8	8.42	36.32	398	360	P	H
	*	5320	101.51	-	-	96.61	32.8	8.42	36.32	398	360	A	H
		5361.6	62.23	-11.77	74	57.31	32.8	8.43	36.31	398	360	P	H
		5360.8	51.69	-2.31	54	46.77	32.8	8.43	36.31	398	360	A	H
													H
													H
	*	5320	103.13	-	-	98.23	32.8	8.42	36.32	199	35	P	V
	*	5320	96.64	-	-	91.74	32.8	8.42	36.32	199	35	A	V
		5363.36	55.08	-18.92	74	50.15	32.8	8.44	36.31	199	35	P	V
		5362.4	43.03	-10.97	54	38.11	32.8	8.43	36.31	199	35	A	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	45.59	-22.61	68.2	53.31	38.61	12.59	58.92	-	-	P	H
		15756	57.4	-16.6	74	62.16	37.91	16	58.67	400	247	P	H
		15756	48.41	-5.59	54	53.17	37.91	16	58.67	400	247	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	44.99	-23.21	68.2	52.71	38.61	12.59	58.92	-	-	P	V
		15756	54.83	-19.17	74	59.59	37.91	16	58.67	100	237	P	V
		15756	45.41	-8.59	54	50.17	37.91	16	58.67	100	237	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		10641	44.59	-29.41	74	52.13	38.66	12.66	58.86	-	-	P	H
		15987	58.51	-15.49	74	63.59	37.52	16.19	58.79	280	216	P	H
		15987	46.71	-7.29	54	51.79	37.52	16.19	58.79	280	216	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10641	44.34	-29.66	74	51.88	38.66	12.66	58.86	-	-	P	V
		15987	55.95	-18.05	74	61.03	37.52	16.19	58.79	100	116	P	V
		15987	44	-10	54	49.08	37.52	16.19	58.79	100	116	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 Partial 52 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	107.87	-	-	102.97	32.8	8.42	36.32	343	360	P	H
	*	5320	100.85	-	-	95.95	32.8	8.42	36.32	343	360	A	H
		5361.44	70.86	-3.14	74	65.94	32.8	8.43	36.31	343	360	P	H
802.11ax		5357.28	51.94	-2.06	54	47.02	32.8	8.43	36.31	343	360	A	H
HE20													H
Partial													H
52/40	*	5320	104.01	-	-	99.11	32.8	8.42	36.32	100	16	P	V
CH 64	*	5320	96.96	-	-	92.06	32.8	8.42	36.32	100	16	A	V
5320MHz		5362.08	62.63	-11.37	74	57.71	32.8	8.43	36.31	100	16	P	V
		5354.56	51.76	-2.24	54	46.84	32.8	8.43	36.31	100	16	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	106.47	-	-	101.57	32.8	8.42	36.32	363	0	P	H
	*	5320	98.35	-	-	93.45	32.8	8.42	36.32	363	0	A	H
		5353.44	61.21	-12.79	74	56.29	32.8	8.43	36.31	363	0	P	H
802.11ax		5350.56	49.75	-4.25	54	44.83	32.8	8.43	36.31	363	0	A	H
HE20													H
Partial													H
106/54	*	5320	102.92	-	-	98.02	32.8	8.42	36.32	333	19	P	V
CH 64	*	5320	95.03	-	-	90.13	32.8	8.42	36.32	333	19	A	V
5320MHz		5351.2	65.94	-8.06	74	61.02	32.8	8.43	36.31	333	19	P	V
		5352	47.35	-6.65	54	42.43	32.8	8.43	36.31	333	19	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.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		5137.28	48.12	-25.88	74	43.2	32.96	8.31	36.35	100	307	P	H
		5149.12	39.24	-14.76	54	34.32	32.95	8.32	36.35	100	307	A	H
	*	5270	102.56	-	-	97.66	32.83	8.4	36.33	100	307	P	H
	*	5270	93.81	-	-	88.91	32.83	8.4	36.33	100	307	A	H
		5352	55.6	-18.4	74	50.68	32.8	8.43	36.31	100	307	P	H
		5350.32	45.05	-8.95	54	40.13	32.8	8.43	36.31	100	307	A	H
		5137.6	47.61	-26.39	74	42.69	32.96	8.31	36.35	100	50	P	V
		5145.92	38.7	-15.3	54	33.78	32.95	8.32	36.35	100	50	A	V
	*	5270	100.49	-	-	95.59	32.83	8.4	36.33	100	50	P	V
	*	5270	92.37	-	-	87.47	32.83	8.4	36.33	100	50	A	V
		5358.48	54.48	-19.52	74	49.56	32.8	8.43	36.31	100	50	P	V
		5350.56	43.4	-10.6	54	38.48	32.8	8.43	36.31	100	50	A	V
802.11ax HE40 Full CH 62 5310MHz		5001.36	48.26	-25.74	74	43.26	33.2	8.18	36.38	100	315	P	H
		5130.56	38.1	-15.9	54	33.18	32.97	8.3	36.35	100	315	A	H
	*	5310	99.34	-	-	94.45	32.8	8.41	36.32	100	315	P	H
	*	5310	90.37	-	-	85.48	32.8	8.41	36.32	100	315	A	H
		5351.04	61.45	-12.55	74	56.53	32.8	8.43	36.31	100	315	P	H
		5350.08	49.55	-4.45	54	44.63	32.8	8.43	36.31	100	315	A	H
		5023.46	48.58	-25.42	74	43.61	33.15	8.2	36.38	100	47	P	V
		5095.88	37.89	-16.11	54	32.97	33.01	8.27	36.36	100	47	A	V
	*	5310	96.6	-	-	91.71	32.8	8.41	36.32	100	47	P	V
	*	5310	87.27	-	-	82.38	32.8	8.41	36.32	100	47	A	V
		5357.76	57.45	-16.55	74	52.53	32.8	8.43	36.31	100	47	P	V
		5350.8	46.58	-7.42	54	41.66	32.8	8.43	36.31	100	47	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	45.19	-23.01	68.2	52.88	38.62	12.6	58.91	-	-	P	H
		15810	47.21	-26.79	74	52.05	37.82	16.04	58.7	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	45.19	-23.01	68.2	52.88	38.62	12.6	58.91	-	-	P	V
5270MHz		15810	46.24	-27.76	74	51.08	37.82	16.04	58.7	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	45.07	-28.93	74	52.63	38.65	12.66	58.87	-	-	P	H
		15930	45.96	-28.04	74	50.96	37.62	16.14	58.76	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	44.33	-29.67	74	51.89	38.65	12.66	58.87	-	-	P	V
5310MHz		15930	45.23	-28.77	74	50.23	37.62	16.14	58.76	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		5149.94	47.41	-26.59	74	42.49	32.95	8.32	36.35	100	314	P	H
		5149.94	38.71	-15.29	54	33.79	32.95	8.32	36.35	100	314	A	H
	*	5290	95.78	-	-	90.88	32.81	8.41	36.32	100	314	P	H
	*	5290	88.25	-	-	83.35	32.81	8.41	36.32	100	314	A	H
		5355.94	61.54	-12.46	74	56.62	32.8	8.43	36.31	100	314	P	H
		5350	50.82	-3.18	54	45.9	32.8	8.43	36.31	100	314	A	H
		5040.8	47.92	-26.08	74	42.95	33.12	8.22	36.37	100	53	P	V
		5146.54	38.16	-15.84	54	33.24	32.95	8.32	36.35	100	53	A	V
	*	5290	92.97	-	-	88.07	32.81	8.41	36.32	100	53	P	V
	*	5290	84	-	-	79.1	32.81	8.41	36.32	100	53	A	V
		5363.86	57.15	-16.85	74	52.22	32.8	8.44	36.31	100	53	P	V
		5351.98	47.29	-6.71	54	42.37	32.8	8.43	36.31	100	53	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.36	-23.84	68.2	52	38.63	12.62	58.89	-	-	P	H
		15870	45.16	-28.84	74	50.08	37.72	16.09	58.73	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	44.68	-23.52	68.2	52.32	38.63	12.62	58.89	-	-	P	V
5290MHz		15870	44.98	-29.02	74	49.9	37.72	16.09	58.73	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5456.08	58.36	-15.64	74	53.34	32.8	8.51	36.29	100	317	P	H
		5469	63.11	-5.09	68.2	58.07	32.8	8.53	36.29	100	317	P	H
		5458.97	43.33	-10.67	54	38.31	32.8	8.51	36.29	100	317	A	H
	*	5500	102.59	-	-	97.51	32.8	8.56	36.28	100	317	P	H
	*	5500	95.29	-	-	90.21	32.8	8.56	36.28	100	317	A	H
													H
		5456.25	53.45	-20.55	74	48.43	32.8	8.51	36.29	152	21	P	V
		5469.34	57.89	-10.31	68.2	52.85	32.8	8.53	36.29	152	21	P	V
		5459.65	40.53	-13.47	54	35.5	32.8	8.52	36.29	152	21	A	V
	*	5500	98.48	-	-	93.4	32.8	8.56	36.28	152	21	P	V
	*	5500	91.59	-	-	86.51	32.8	8.56	36.28	152	21	A	V
													V
802.11a CH 116 5580MHz		5430.5	46.69	-27.31	74	41.7	32.8	8.48	36.29	100	311	P	H
		5466	46.55	-21.65	68.2	41.52	32.8	8.52	36.29	100	311	P	H
		5459.44	36.98	-17.02	54	31.95	32.8	8.52	36.29	100	311	A	H
	*	5580	102.46	-	-	97.15	32.96	8.65	36.3	100	311	P	H
	*	5580	95.93	-	-	90.62	32.96	8.65	36.3	100	311	A	H
		5726.57	48.86	-19.34	68.2	42.78	33.63	8.78	36.33	100	311	P	H
		5420	46.77	-27.23	74	41.8	32.8	8.47	36.3	100	58	P	V
		5466	46.48	-21.72	68.2	41.45	32.8	8.52	36.29	100	58	P	V
		5458	36.7	-17.3	54	31.68	32.8	8.51	36.29	100	58	A	V
	*	5580	101.79	-	-	96.48	32.96	8.65	36.3	100	58	P	V
	*	5580	95.25	-	-	89.94	32.96	8.65	36.3	100	58	A	V
		5742.635	46.88	-21.32	68.2	40.72	33.71	8.79	36.34	100	58	P	V

802.11a CH 140 5700MHz	*	5700	103.44	-	-	97.51	33.5	8.76	36.33	100	321	P	H
	*	5700	96.61	-	-	90.68	33.5	8.76	36.33	100	321	A	H
		5730.575	65.27	-2.93	68.2	59.18	33.65	8.78	36.34	100	321	P	H
													H
													H
													H
	*	5700	100.45	-	-	94.52	33.5	8.76	36.33	139	39	P	V
	*	5700	93.59	-	-	87.66	33.5	8.76	36.33	139	39	A	V
		5727.275	65.07	-3.13	68.2	58.98	33.64	8.78	36.33	139	39	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	44.92	-29.08	74	51.89	38.8	12.91	58.68	-	-	P	H
		16500	45.22	-22.98	68.2	50.67	37.6	16.2	59.25	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	45.64	-28.36	74	52.61	38.8	12.91	58.68	-	-	P	V
		16500	45.96	-22.24	68.2	51.41	37.6	16.2	59.25	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	45.45	-28.55	74	52.13	38.85	12.98	58.51	-	-	P	H
		16740	44.48	-23.72	68.2	49.91	37.65	16.2	59.28	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	46.08	-27.92	74	52.76	38.85	12.98	58.51	-	-	P	V
		16740	46	-22.2	68.2	51.43	37.65	16.2	59.28	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	45.73	-28.27	74	51.99	38.92	13.08	58.26	-	-	P	H
		17100	46.24	-21.96	68.2	51.22	38.09	16.22	59.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz		11400	45.8	-28.2	74	52.06	38.92	13.08	58.26	-	-	P	V
		17100	46.54	-21.66	68.2	51.52	38.09	16.22	59.29	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5457.27	58.19	-15.81	74	53.17	32.8	8.51	36.29	100	317	P	H
		5467.81	62.08	-6.12	68.2	57.05	32.8	8.52	36.29	100	317	P	H
		5459.99	44.64	-9.36	54	39.61	32.8	8.52	36.29	100	317	A	H
	*	5500	101.65	-	-	96.57	32.8	8.56	36.28	100	317	P	H
802.11n	*	5500	94.69	-	-	89.61	32.8	8.56	36.28	100	317	A	H
HT20													H
CH 100		5458.8	54.03	-19.97	74	49.01	32.8	8.51	36.29	100	54	P	V
5500MHz		5466.62	59.96	-8.24	68.2	54.93	32.8	8.52	36.29	100	54	P	V
		5459.99	41.47	-12.53	54	36.44	32.8	8.52	36.29	100	54	A	V
	*	5500	98.13	-	-	93.05	32.8	8.56	36.28	100	54	P	V
	*	5500	90.67	-	-	85.59	32.8	8.56	36.28	100	54	A	V
													V
	*	5700	102.25	-	-	96.32	33.5	8.76	36.33	100	320	P	H
	*	5700	95.04	-	-	89.11	33.5	8.76	36.33	100	320	A	H
		5725.4	64.72	-3.48	68.2	58.64	33.63	8.78	36.33	100	320	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	101.14	-	-	95.21	33.5	8.76	36.33	100	47	P	V
5700MHz	*	5700	93.28	-	-	87.35	33.5	8.76	36.33	100	47	A	V
		5727.5	63.65	-4.55	68.2	57.56	33.64	8.78	36.33	100	47	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	45.33	-28.67	74	52.01	38.85	12.98	58.51	-	-	P	H
		16740	45.44	-22.76	68.2	50.87	37.65	16.2	59.28	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 116		11160	45.45	-28.55	74	52.13	38.85	12.98	58.51	-	-	P	V
5580MHz		16740	45.62	-22.58	68.2	51.05	37.65	16.2	59.28	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5457.27	60.78	-13.22	74	55.76	32.8	8.51	36.29	100	308	P	H
		5464.07	64.48	-3.72	68.2	59.45	32.8	8.52	36.29	100	308	P	H
		5459.31	44.29	-9.71	54	39.26	32.8	8.52	36.29	100	308	A	H
	*	5500	101.9	-	-	96.82	32.8	8.56	36.28	100	308	P	H
802.11ac	*	5500	94.43	-	-	89.35	32.8	8.56	36.28	100	308	A	H
VHT20													H
CH 100		5458.63	54.72	-19.28	74	49.7	32.8	8.51	36.29	100	46	P	V
5500MHz		5468.66	58.17	-10.03	68.2	53.13	32.8	8.53	36.29	100	46	P	V
		5459.82	41.55	-12.45	54	36.52	32.8	8.52	36.29	100	46	A	V
	*	5500	97.24	-	-	92.16	32.8	8.56	36.28	100	46	P	V
	*	5500	90.48	-	-	85.4	32.8	8.56	36.28	100	46	A	V
													V
	*	5700	101.24	-	-	95.31	33.5	8.76	36.33	330	18	P	H
	*	5700	94.14	-	-	88.21	33.5	8.76	36.33	330	18	A	H
		5725.175	64.73	-3.47	68.2	58.65	33.63	8.78	36.33	330	18	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	100.1	-	-	94.17	33.5	8.76	36.33	100	53	P	V
5700MHz	*	5700	93.13	-	-	87.2	33.5	8.76	36.33	100	53	A	V
		5725.1	64.94	-3.26	68.2	58.86	33.63	8.78	36.33	100	53	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.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	46.05	-27.95	74	52.73	38.85	12.98	58.51	-	-	P	H
		16740	45.65	-22.55	68.2	51.08	37.65	16.2	59.28	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 116		11160	45.05	-28.95	74	51.73	38.85	12.98	58.51	-	-	P	V
5580MHz		16740	47.9	-20.3	68.2	53.33	37.65	16.2	59.28	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5450.17	57.85	-16.15	74	52.83	32.8	8.51	36.29	100	308	P	H
		5466.76	62.49	-5.71	68.2	57.46	32.8	8.52	36.29	100	308	P	H
		5459.41	44.41	-9.59	54	39.38	32.8	8.52	36.29	100	308	A	H
	*	5510	97.39	-	-	92.28	32.82	8.57	36.28	100	308	P	H
	*	5510	90.19	-	-	85.08	32.82	8.57	36.28	100	308	A	H
		5764.37	47.26	-20.94	68.2	40.97	33.82	8.81	36.34	100	308	P	H
		5459.41	55.71	-18.29	74	50.68	32.8	8.52	36.29	100	52	P	V
		5469.91	62.19	-6.01	68.2	57.15	32.8	8.53	36.29	100	52	P	V
		5460	42.29	-11.71	54	37.26	32.8	8.52	36.29	100	52	A	V
	*	5510	94.71	-	-	89.6	32.82	8.57	36.28	100	52	P	V
	*	5510	87.17	-	-	82.06	32.82	8.57	36.28	100	52	A	V
		5758.385	48.9	-19.3	68.2	42.65	33.79	8.8	36.34	100	52	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	45.31	-28.69	74	52.1	38.83	12.95	58.57	-	-	P	H
		16650	45.48	-22.72	68.2	50.92	37.63	16.2	59.27	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 110		11100	45.41	-28.59	74	52.2	38.83	12.95	58.57	-	-	P	V
5550MHz		16650	45.79	-22.41	68.2	51.23	37.63	16.2	59.27	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		5459.02	59.6	-14.4	74	54.58	32.8	8.51	36.29	100	317	P	H
		5462.7	63.1	-5.1	68.2	58.07	32.8	8.52	36.29	100	317	P	H
		5459.48	47.82	-6.18	54	42.79	32.8	8.52	36.29	100	317	A	H
	*	5530	95.05	-	-	89.89	32.86	8.59	36.29	100	317	P	H
	*	5530	87.98	-	-	82.82	32.86	8.59	36.29	100	317	A	H
		5730.35	48.4	-19.8	68.2	42.31	33.65	8.78	36.34	100	317	P	H
		5456.72	57.72	-16.28	74	52.7	32.8	8.51	36.29	100	51	P	V
		5462.01	57.66	-10.54	68.2	52.63	32.8	8.52	36.29	100	51	P	V
		5459.48	44.54	-9.46	54	39.51	32.8	8.52	36.29	100	51	A	V
	*	5530	91.68	-	-	86.52	32.86	8.59	36.29	100	51	P	V
	*	5530	84.38	-	-	79.22	32.86	8.59	36.29	100	51	A	V
		5745.785	48.18	-20.02	68.2	42	33.73	8.79	36.34	100	51	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.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11220	47.81	-26.19	74	54.39	38.87	13	58.45	-	-	P	H
		16830	45.05	-23.15	68.2	50.47	37.67	16.2	59.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 122		11220	45.22	-28.78	74	51.8	38.87	13	58.45	-	-	P	V
5610MHz		16830	44.99	-23.21	68.2	50.41	37.67	16.2	59.29	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.63	58.79	-15.21	74	53.77	32.8	8.51	36.29	310	18	P	H
		5464.75	63.13	-5.07	68.2	58.1	32.8	8.52	36.29	310	18	P	H
		5459.65	44.97	-9.03	54	39.94	32.8	8.52	36.29	310	18	A	H
	*	5500	102.3	-	-	97.22	32.8	8.56	36.28	310	18	P	H
802.11ax	*	5500	93.08	-	-	88	32.8	8.56	36.28	310	18	A	H
HE20 Full		5458.12	56.03	-17.97	74	51.01	32.8	8.51	36.29	100	48	P	V
CH 100		5467.64	59.05	-9.15	68.2	54.02	32.8	8.52	36.29	100	48	P	V
5500MHz		5459.14	42.11	-11.89	54	37.08	32.8	8.52	36.29	100	48	A	V
	*	5500	98.55	-	-	93.47	32.8	8.56	36.28	100	48	P	V
	*	5500	90.52	-	-	85.44	32.8	8.56	36.28	100	48	A	V
													V
													V
		5458	47.08	-26.92	74	42.06	32.8	8.51	36.29	100	311	P	H
		5469.5	45.26	-22.94	68.2	40.22	32.8	8.53	36.29	100	311	P	H
		5455.12	36.67	-17.33	54	31.65	32.8	8.51	36.29	100	311	A	H
	*	5580	103.76	-	-	98.45	32.96	8.65	36.3	100	311	P	H
802.11ax	*	5580	95.41	-	-	90.1	32.96	8.65	36.3	100	311	A	H
HE20 Full		5745.47	46.91	-21.29	68.2	40.73	33.73	8.79	36.34	100	311	P	H
CH 116		5439.25	45.79	-28.21	74	40.79	32.8	8.49	36.29	100	57	P	V
5580MHz		5469.25	45.14	-23.06	68.2	40.1	32.8	8.53	36.29	100	57	P	V
		5457.28	36.44	-17.56	54	31.42	32.8	8.51	36.29	100	57	A	V
	*	5580	102.42	-	-	97.11	32.96	8.65	36.3	100	57	P	V
	*	5580	94.51	-	-	89.2	32.96	8.65	36.3	100	57	A	V
		5763.425	47.3	-20.9	68.2	41.01	33.82	8.81	36.34	100	57	P	V

	*	5700	101.25	-	-	95.32	33.5	8.76	36.33	100	309	P	H
	*	5700	93.64	-	-	87.71	33.5	8.76	36.33	100	309	A	H
		5725.025	63.3	-4.9	68.2	57.22	33.63	8.78	36.33	100	309	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	99.67	-	-	93.74	33.5	8.76	36.33	100	52	P	V
5700MHz	*	5700	90.88	-	-	84.95	33.5	8.76	36.33	100	52	A	V
		5725.025	61.5	-6.7	68.2	55.42	33.63	8.78	36.33	100	52	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.9	-29.1	74	51.87	38.8	12.91	58.68	-	-	P	H
		16500	45.35	-22.85	68.2	50.8	37.6	16.2	59.25	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	44.76	-29.24	74	51.73	38.8	12.91	58.68	-	-	P	V
5500MHz		16500	45.45	-22.75	68.2	50.9	37.6	16.2	59.25	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	45.74	-28.26	74	52.42	38.85	12.98	58.51	-	-	P	H
		16740	48.84	-19.36	68.2	54.27	37.65	16.2	59.28	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	44.7	-29.3	74	51.38	38.85	12.98	58.51	-	-	P	V
5580MHz		16740	49.71	-18.49	68.2	55.14	37.65	16.2	59.28	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	45.63	-28.37	74	51.89	38.92	13.08	58.26	-	-	P	H
		17100	50.58	-17.62	68.2	55.56	38.09	16.22	59.29	100	74	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	44.91	-29.09	74	51.17	38.92	13.08	58.26	-	-	P	V
5700MHz		17100	53.89	-14.31	68.2	58.87	38.09	16.22	59.29	100	23	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		5458.63	68.36	-5.64	74	63.34	32.8	8.51	36.29	252	3	P	H
		5466.79	59.12	-9.08	68.2	54.09	32.8	8.52	36.29	252	3	P	H
		5457.78	48.5	-5.5	54	43.48	32.8	8.51	36.29	252	3	A	H
	*	5500	106.95	-	-	101.87	32.8	8.56	36.28	252	3	P	H
	*	5500	101.13	-	-	96.05	32.8	8.56	36.28	252	3	A	H
													H
		5457.78	63.77	-10.23	74	58.75	32.8	8.51	36.29	226	17	P	V
		5465.6	54.06	-14.14	68.2	49.03	32.8	8.52	36.29	226	17	P	V
		5458.29	42.36	-11.64	54	37.34	32.8	8.51	36.29	226	17	A	V
	*	5500	103.29	-	-	98.21	32.8	8.56	36.28	226	17	P	V
	*	5500	96.74	-	-	91.66	32.8	8.56	36.28	226	17	A	V
													V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	105.14	-	-	99.21	33.5	8.76	36.33	347	26	P	H
	*	5700	97.34	-	-	91.41	33.5	8.76	36.33	347	26	A	H
		5725.325	55.9	-12.3	68.2	49.82	33.63	8.78	36.33	347	26	P	H
													H
													H
													H
	*	5700	105.52	-	-	99.59	33.5	8.76	36.33	100	54	P	V
	*	5700	98.51	-	-	92.58	33.5	8.76	36.33	100	54	A	V
		5725.175	54.94	-13.26	68.2	48.86	33.63	8.78	36.33	100	54	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		10982	52.77	-21.23	74	59.77	38.79	12.9	58.69	100	217	P	H
		10982	38.4	-15.6	54	45.4	38.79	12.9	58.69	100	217	A	H
		16471	53.03	-15.17	68.2	58.47	37.59	16.19	59.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10982	49.91	-24.09	74	56.91	38.79	12.9	58.69	100	129	P	V
		10982	37.89	-16.11	54	44.89	38.79	12.9	58.69	100	129	A	V
		16471	52.79	-15.41	68.2	58.23	37.59	16.19	59.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11158	52.98	-21.02	74	59.66	38.85	12.98	58.51	100	217	P	H
		11158	41.44	-12.56	54	48.12	38.85	12.98	58.51	100	217	A	H
		16746	58.87	-9.33	68.2	64.3	37.65	16.2	59.28	100	81	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 26/4 CH 116 5580MHz													H
		11158	53.43	-20.57	74	60.11	38.85	12.98	58.51	100	131	P	V
		11158	41.67	-12.33	54	48.35	38.85	12.98	58.51	100	131	A	V
		16746	61.87	-6.33	68.2	67.3	37.65	16.2	59.28	100	11	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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 140 5700MHz		11400	44.94	-29.06	74	51.2	38.92	13.08	58.26	-	-	P	H
		17131	59.28	-8.92	68.2	64.13	38.21	16.22	59.28	100	72	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	45.21	-28.79	74	51.47	38.92	13.08	58.26	-	-	P	V
		17131	64.77	-3.43	68.2	69.62	38.21	16.22	59.28	100	22	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 3 5470~5725MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.65	56.27	-17.73	74	51.24	32.8	8.52	36.29	100	282	P	H
		5465.6	60.21	-7.99	68.2	55.18	32.8	8.52	36.29	100	282	P	H
		5459.31	43.96	-10.04	54	38.93	32.8	8.52	36.29	100	282	A	H
802.11ax	*	5500	104.68	-	-	99.6	32.8	8.56	36.28	100	282	P	H
HE20	*	5500	96.94	-	-	91.86	32.8	8.56	36.28	100	282	A	H
Partial													H
52/37		5458.97	56.17	-17.83	74	51.15	32.8	8.51	36.29	100	49	P	V
CH 100		5464.41	59.54	-8.66	68.2	54.51	32.8	8.52	36.29	100	49	P	V
5500MHz		5459.48	42.1	-11.9	54	37.07	32.8	8.52	36.29	100	49	A	V
	*	5500	103.74	-	-	98.66	32.8	8.56	36.28	100	49	P	V
	*	5500	95.96	-	-	90.88	32.8	8.56	36.28	100	49	A	V
													V
	*	5700	105.87	-	-	99.94	33.5	8.76	36.33	317	27	P	H
	*	5700	98.15	-	-	92.22	33.5	8.76	36.33	317	27	A	H
		5725.1	58.83	-9.37	68.2	52.75	33.63	8.78	36.33	317	27	P	H
802.11ax													H
HE20													H
Partial													H
52/40	*	5700	106.01	-	-	100.08	33.5	8.76	36.33	100	57	P	V
CH 140	*	5700	97.12	-	-	91.19	33.5	8.76	36.33	100	57	A	V
5700MHz		5725.175	56.65	-11.55	68.2	50.57	33.63	8.78	36.33	100	57	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.99	55.26	-18.74	74	50.23	32.8	8.52	36.29	100	294	P	H
		5468.32	65.44	-2.76	68.2	60.4	32.8	8.53	36.29	100	294	P	H
		5459.65	41.43	-12.57	54	36.4	32.8	8.52	36.29	100	294	A	H
802.11ax	*	5500	104.3	-	-	99.22	32.8	8.56	36.28	100	294	P	H
HE20	*	5500	96.52	-	-	91.44	32.8	8.56	36.28	100	294	A	H
Partial													H
106/53		5457.27	53.35	-20.65	74	48.33	32.8	8.51	36.29	100	54	P	V
CH 100		5464.07	63.5	-4.7	68.2	58.47	32.8	8.52	36.29	100	54	P	V
5500MHz		5459.65	40.29	-13.71	54	35.26	32.8	8.52	36.29	100	54	A	V
	*	5500	102.55	-	-	97.47	32.8	8.56	36.28	100	54	P	V
	*	5500	95.28	-	-	90.2	32.8	8.56	36.28	100	54	A	V
													V
	*	5700	105.54	-	-	99.61	33.5	8.76	36.33	100	306	P	H
	*	5700	97.73	-	-	91.8	33.5	8.76	36.33	100	306	A	H
		5725.925	60.52	-7.68	68.2	54.44	33.63	8.78	36.33	100	306	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	103.82	-	-	97.89	33.5	8.76	36.33	100	55	P	V
CH 140	*	5700	96.68	-	-	90.75	33.5	8.76	36.33	100	55	A	V
5700MHz		5725.55	61.13	-7.07	68.2	55.05	33.63	8.78	36.33	100	55	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.62	63.81	-10.19	74	58.78	32.8	8.52	36.29	100	316	P	H
		5469.28	63.46	-4.74	68.2	58.42	32.8	8.53	36.29	100	316	P	H
		5459.83	48	-6	54	42.97	32.8	8.52	36.29	100	316	A	H
	*	5510	99.25	-	-	94.14	32.82	8.57	36.28	100	316	P	H
802.11ax	*	5510	91.03	-	-	85.92	32.82	8.57	36.28	100	316	A	H
HE40 Full		5764.37	47.73	-20.47	68.2	41.44	33.82	8.81	36.34	100	316	P	H
CH 102		5458.15	55.35	-18.65	74	50.33	32.8	8.51	36.29	100	50	P	V
5510MHz		5469.49	60.25	-7.95	68.2	55.21	32.8	8.53	36.29	100	50	P	V
		5460	44.25	-9.75	54	39.22	32.8	8.52	36.29	100	50	A	V
	*	5510	96.53	-	-	91.42	32.82	8.57	36.28	100	50	P	V
	*	5510	87.63	-	-	82.52	32.82	8.57	36.28	100	50	A	V
		5750.825	46.58	-21.62	68.2	40.37	33.75	8.8	36.34	100	50	P	V
		5445.04	51.66	-22.34	74	46.65	32.8	8.5	36.29	100	308	P	H
		5469.9	55.21	-12.99	68.2	50.17	32.8	8.53	36.29	100	308	P	H
		5454.72	40.57	-13.43	54	35.55	32.8	8.51	36.29	100	308	A	H
	*	5550	100.21	-	-	94.99	32.9	8.61	36.29	100	308	P	H
802.11ax	*	5550	91.47	-	-	86.25	32.9	8.61	36.29	100	308	A	H
HE40 Full		5746.415	46.84	-21.36	68.2	40.66	33.73	8.79	36.34	100	308	P	H
CH 110		5457.36	52.32	-21.68	74	47.3	32.8	8.51	36.29	101	58	P	V
5550MHz		5469.9	53.67	-14.53	68.2	48.63	32.8	8.53	36.29	101	58	P	V
		5459.34	40.11	-13.89	54	35.08	32.8	8.52	36.29	101	58	A	V
	*	5550	101.31	-	-	96.09	32.9	8.61	36.29	101	58	P	V
	*	5550	90.47	-	-	85.25	32.9	8.61	36.29	101	58	A	V
		5728.46	46.77	-21.43	68.2	40.68	33.64	8.78	36.33	101	58	P	V

		5446.6	46.01	-27.99	74	41	32.8	8.5	36.29	100	321	P	H
		5461.65	44.76	-23.44	68.2	39.73	32.8	8.52	36.29	100	321	P	H
		5456.75	37.84	-16.16	54	32.82	32.8	8.51	36.29	100	321	A	H
	*	5670	101.29	-	-	95.53	33.35	8.73	36.32	100	321	P	H
802.11ax	*	5670	93.77	-	-	88.01	33.35	8.73	36.32	100	321	A	H
HE40 Full		5726.5	65.64	-2.56	68.2	59.56	33.63	8.78	36.33	100	321	P	H
CH 134		5456.75	45.78	-28.22	74	40.76	32.8	8.51	36.29	100	54	P	V
5670MHz		5463.75	43.3	-24.9	68.2	38.27	32.8	8.52	36.29	100	54	P	V
		5459.55	37.3	-16.7	54	32.27	32.8	8.52	36.29	100	54	A	V
	*	5670	100.42	-	-	94.66	33.35	8.73	36.32	100	54	P	V
	*	5670	91.99	-	-	86.23	33.35	8.73	36.32	100	54	A	V
		5725.45	65.52	-2.68	68.2	59.44	33.63	8.78	36.33	100	54	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	44.77	-29.23	74	51.7	38.81	12.92	58.66	-	-	P	H
		16530	43.81	-24.39	68.2	49.25	37.61	16.2	59.25	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	45.42	-28.58	74	52.35	38.81	12.92	58.66	-	-	P	V
5510MHz		16530	45.27	-22.93	68.2	50.71	37.61	16.2	59.25	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	44.82	-29.18	74	51.61	38.83	12.95	58.57	-	-	P	H
		16650	44.75	-23.45	68.2	50.19	37.63	16.2	59.27	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	44.9	-29.1	74	51.69	38.83	12.95	58.57	-	-	P	V
5550MHz		16650	45.82	-22.38	68.2	51.26	37.63	16.2	59.27	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	45.19	-28.81	74	51.56	38.9	13.05	58.32	-	-	P	H
		17010	46.5	-21.7	68.2	51.88	37.74	16.19	59.31	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	45.6	-28.4	74	51.97	38.9	13.05	58.32	-	-	P	V
5670MHz		17010	47.19	-21.01	68.2	52.57	37.74	16.19	59.31	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.79	59.34	-14.66	74	54.32	32.8	8.51	36.29	100	316	P	H
		5464.31	61.37	-6.83	68.2	56.34	32.8	8.52	36.29	100	316	P	H
		5457.87	47.84	-6.16	54	42.82	32.8	8.51	36.29	100	316	A	H
	*	5530	96.38	-	-	91.22	32.86	8.59	36.29	100	316	P	H
802.11ax	*	5530	87.54	-	-	82.38	32.86	8.59	36.29	100	316	A	H
HE80 Full		5737.91	48.15	-20.05	68.2	42.01	33.69	8.79	36.34	100	316	P	H
CH 106		5459.71	55.91	-18.09	74	50.88	32.8	8.52	36.29	100	54	P	V
5530MHz		5464.77	59.02	-9.18	68.2	53.99	32.8	8.52	36.29	100	54	P	V
		5459.71	44.91	-9.09	54	39.88	32.8	8.52	36.29	100	54	A	V
	*	5530	92.68	-	-	87.52	32.86	8.59	36.29	100	54	P	V
	*	5530	84.52	-	-	79.36	32.86	8.59	36.29	100	54	A	V
		5755.55	47.35	-20.85	68.2	41.11	33.78	8.8	36.34	100	54	P	V
		5458.19	55.69	-18.31	74	50.67	32.8	8.51	36.29	100	324	P	H
		5466.87	57.05	-11.15	68.2	52.02	32.8	8.52	36.29	100	324	P	H
		5460	45.22	-8.78	54	40.19	32.8	8.52	36.29	100	324	A	H
	*	5610	97.44	-	-	92.02	33.05	8.68	36.31	100	324	P	H
802.11ax	*	5610	89.34	-	-	83.92	33.05	8.68	36.31	100	324	A	H
HE80 Full		5731.925	54.97	-13.23	68.2	48.87	33.66	8.78	36.34	100	324	P	H
CH 122		5455.4	54.61	-19.39	74	49.59	32.8	8.51	36.29	100	57	P	V
5610MHz		5468.42	58.86	-9.34	68.2	53.82	32.8	8.53	36.29	100	57	P	V
		5460	44.28	-9.72	54	39.25	32.8	8.52	36.29	100	57	A	V
	*	5610	96.59	-	-	91.17	33.05	8.68	36.31	100	57	P	V
	*	5610	88.46	-	-	83.04	33.05	8.68	36.31	100	57	A	V
		5737.595	56.48	-11.72	68.2	50.34	33.69	8.79	36.34	100	57	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	45.26	-28.74	74	52.13	38.82	12.93	58.62	-	-	P	H
		16590	45.6	-22.6	68.2	51.04	37.62	16.2	59.26	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	45.36	-28.64	74	52.23	38.82	12.93	58.62	-	-	P	V
5530MHz		16590	45.36	-22.84	68.2	50.8	37.62	16.2	59.26	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	46.18	-27.82	74	52.76	38.87	13	58.45	-	-	P	H
		16830	45.04	-23.16	68.2	50.46	37.67	16.2	59.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	45.48	-28.52	74	52.06	38.87	13	58.45	-	-	P	V
5610MHz		16830	45.9	-22.3	68.2	51.32	37.67	16.2	59.29	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5406.55	45.26	-28.74	74	40.3	32.8	8.46	36.3	100	324	P	H
		5468.56	45.24	-22.96	68.2	40.2	32.8	8.53	36.29	100	324	P	H
		5448.67	36.43	-17.57	54	31.42	32.8	8.5	36.29	100	324	A	H
	*	5720	103.69	-	-	97.65	33.6	8.77	36.33	100	324	P	H
	*	5720	97	-	-	90.96	33.6	8.77	36.33	100	324	A	H
		5945.5	48.01	-20.19	68.2	41.36	34.11	8.93	36.39	100	324	P	H
		5375.35	46.69	-27.31	74	41.75	32.8	8.44	36.3	100	54	P	V
		5463.1	45.08	-23.12	68.2	40.05	32.8	8.52	36.29	100	54	P	V
		5455.69	36.51	-17.49	54	31.49	32.8	8.51	36.29	100	54	A	V
	*	5720	104.59	-	-	98.55	33.6	8.77	36.33	100	54	P	V
	*	5720	97.54	-	-	91.5	33.6	8.77	36.33	100	54	A	V
		5946	47.03	-21.17	68.2	40.38	34.11	8.93	36.39	100	54	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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	45.04	-28.96	74	51.22	38.93	13.1	58.21	-	-	P	H
		17160	51.43	-16.77	68.2	56.16	38.32	16.23	59.28	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	46.7	-27.3	74	52.88	38.93	13.1	58.21	-	-	P	V
		17160	54.48	-13.72	68.2	59.21	38.32	16.23	59.28	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5414.35	46.94	-27.06	74	41.97	32.8	8.47	36.3	105	325	P	H
		5462.71	44.87	-23.33	68.2	39.84	32.8	8.52	36.29	105	325	P	H
		5459.59	36.2	-17.8	54	31.17	32.8	8.52	36.29	105	325	A	H
	*	5720	103.9	-	-	97.86	33.6	8.77	36.33	105	325	P	H
	*	5720	96.36	-	-	90.32	33.6	8.77	36.33	105	325	A	H
		5862	48.36	-19.84	68.2	41.73	34.12	8.88	36.37	105	325	P	H
		5427.61	45.37	-28.63	74	40.38	32.8	8.48	36.29	100	55	P	V
		5467	44.43	-23.77	68.2	39.4	32.8	8.52	36.29	100	55	P	V
		5455.69	36.12	-17.88	54	31.1	32.8	8.51	36.29	100	55	A	V
	*	5720	105.84	-	-	99.8	33.6	8.77	36.33	100	55	P	V
	*	5720	96.69	-	-	90.65	33.6	8.77	36.33	100	55	A	V
		5859.75	49.18	-19.02	68.2	42.55	34.12	8.88	36.37	100	55	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	45.95	-28.05	74	52.13	38.93	13.1	58.21	-	-	P	H
		17160	54.63	-13.57	68.2	59.36	38.32	16.23	59.28	203	354	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	45.37	-28.63	74	51.55	38.93	13.1	58.21	-	-	P	V
5720MHz		17160	56.92	-11.28	68.2	61.65	38.32	16.23	59.28	100	21	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5459.59	45.95	-28.05	74	40.92	32.8	8.52	36.29	100	324	P	H
		5469.73	45.32	-22.88	68.2	40.28	32.8	8.53	36.29	100	324	P	H
		5459.59	36.89	-17.11	54	31.86	32.8	8.52	36.29	100	324	A	H
	*	5710	101.44	-	-	95.46	33.55	8.76	36.33	100	324	P	H
	*	5710	94.19	-	-	88.21	33.55	8.76	36.33	100	324	A	H
		5870.75	47.39	-20.81	68.2	40.74	34.14	8.88	36.37	100	324	P	H
		5449.06	45.17	-28.83	74	40.16	32.8	8.5	36.29	100	55	P	V
		5469.34	45.73	-22.47	68.2	40.69	32.8	8.53	36.29	100	55	P	V
		5459.98	36.76	-17.24	54	31.73	32.8	8.52	36.29	100	55	A	V
	*	5710	101.58	-	-	95.6	33.55	8.76	36.33	100	55	P	V
	*	5710	94	-	-	88.02	33.55	8.76	36.33	100	55	A	V
		5850.5	48.66	-19.54	68.2	42.05	34.1	8.87	36.36	100	55	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	46.56	-27.44	74	52.77	38.93	13.09	58.23	-	-	P	H
		17130	46.47	-21.73	68.2	51.32	38.21	16.22	59.28	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	45.46	-28.54	74	51.67	38.93	13.09	58.23	-	-	P	V
5710MHz		17130	45.24	-22.96	68.2	50.09	38.21	16.22	59.28	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 Straddle Channel

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

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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		5456.08	50.39	-23.61	74	45.37	32.8	8.51	36.29	100	325	P	H
		5463.1	50.97	-17.23	68.2	45.94	32.8	8.52	36.29	100	325	P	H
		5459.59	41.62	-12.38	54	36.59	32.8	8.52	36.29	100	325	A	H
	*	5690	98.47	-	-	92.6	33.45	8.75	36.33	100	325	P	H
	*	5690	90.68	-	-	84.81	33.45	8.75	36.33	100	325	A	H
		5850.1	49.91	-18.29	68.2	43.3	34.1	8.87	36.36	100	325	P	H
		5454.91	50.9	-23.1	74	45.88	32.8	8.51	36.29	100	56	P	V
		5462.32	50.44	-17.76	68.2	45.41	32.8	8.52	36.29	100	56	P	V
		5459.98	41.79	-12.21	54	36.76	32.8	8.52	36.29	100	56	A	V
	*	5690	99.81	-	-	93.94	33.45	8.75	36.33	100	56	P	V
	*	5690	90.05	-	-	84.18	33.45	8.75	36.33	100	56	A	V
		5856.7	51.08	-17.12	68.2	44.47	34.11	8.87	36.37	100	56	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.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	45.08	-28.92	74	51.38	38.91	13.07	58.28	-	-	P	H
		17070	44.92	-23.28	68.2	50.04	37.97	16.21	59.3	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	44.49	-29.51	74	50.79	38.91	13.07	58.28	-	-	P	V
5690MHz		17070	47.02	-21.18	68.2	52.14	37.97	16.21	59.3	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission above 18GHz

WIFI 802.11ax HE20 Partial 52 (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.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		39739	47.82	-26.18	74	59.73	44.56	-0.26	56.21	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20													H
Partial 52		39579.5	47.34	-26.66	74	59.32	44.71	-0.29	56.4	-	-	P	V
SHF													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 52 (LF @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	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 52 LF		82.02	27.49	-12.51	40	44.98	13.67	1.2	32.36	-	-	P	H
		92.28	26.26	-17.24	43.5	42.42	14.93	1.27	32.36	-	-	P	H
		166.26	27.31	-16.19	43.5	42.03	15.93	1.72	32.37	-	-	P	H
		188.04	27	-16.5	43.5	42.76	14.76	1.83	32.35	-	-	P	H
		837.26	30	-16	46	30.19	28.21	3.45	31.85	-	-	P	H
		934.43	32.17	-13.83	46	30.18	29.46	3.71	31.18	-	-	P	H
													H
													H
													H
													H
													H
													H
		42.42	33.47	-6.53	40	46.45	18.49	0.85	32.32	-	-	P	V
		48.72	28.44	-11.56	40	44.78	15.09	0.91	32.34	-	-	P	V
		187.68	25.56	-17.94	43.5	41.31	14.77	1.83	32.35	-	-	P	V
		827.78	30.1	-15.9	46	30.75	27.79	3.44	31.88	-	-	P	V
		900.46	31.83	-14.17	46	31.41	28.34	3.61	31.53	-	-	P	V
		946.28	32.33	-13.67	46	30.25	29.4	3.74	31.06	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	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. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

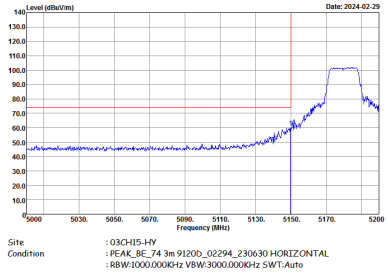
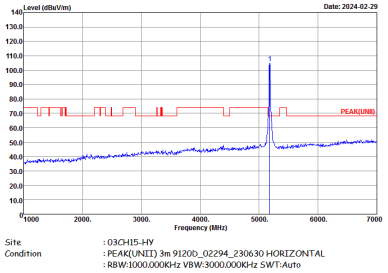
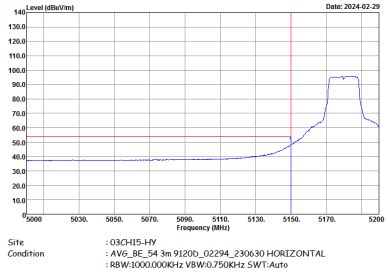
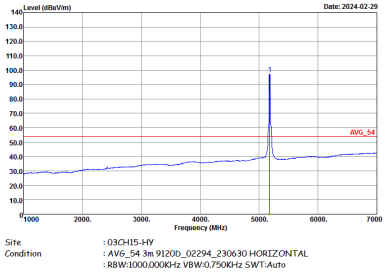
Test Engineer :	Daniel Lee, Quentin Liu and Bigshow Wang	**Temperature :**	21.1~23.4°C
		Relative Humidity :	48~58%

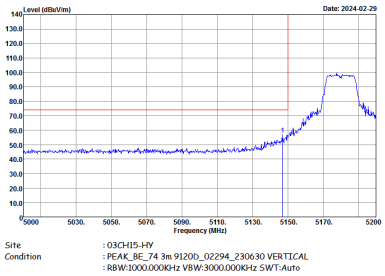
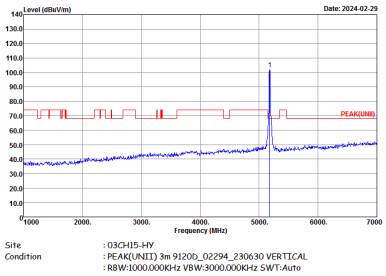
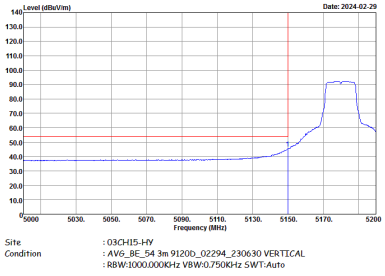
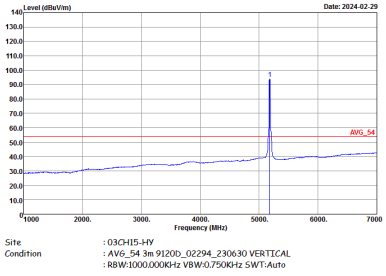
Note symbol

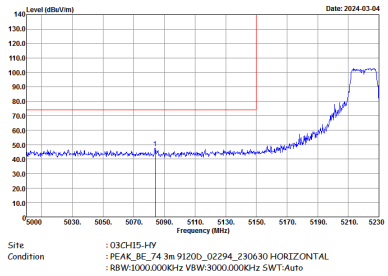
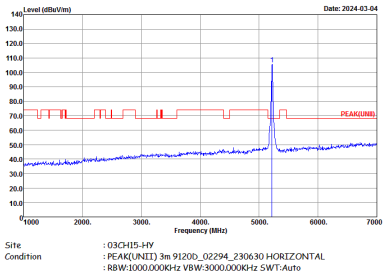
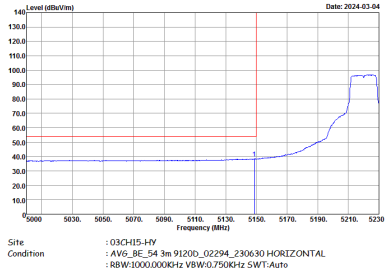
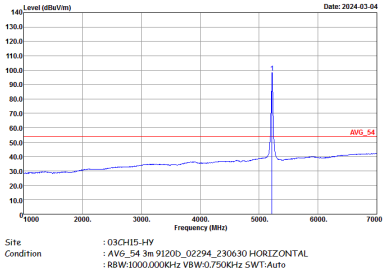
-L	**Low channel location**
-R	**High channel location**

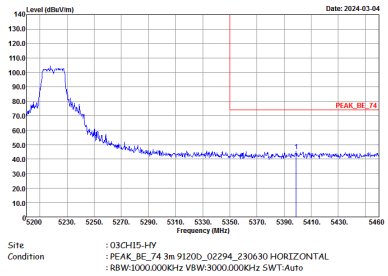
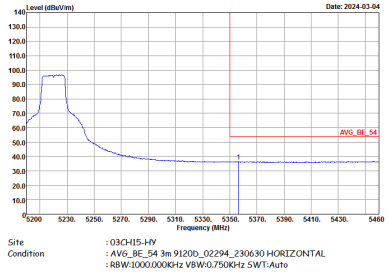
Band 1 - 5150~5250MHz

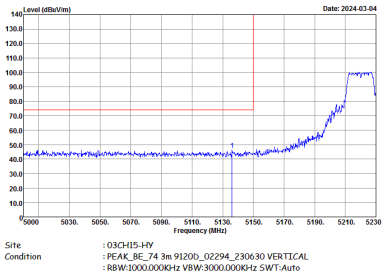
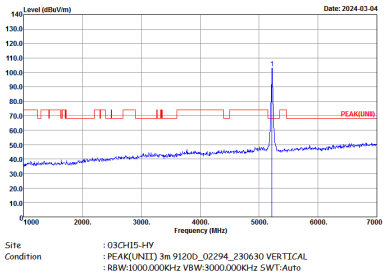
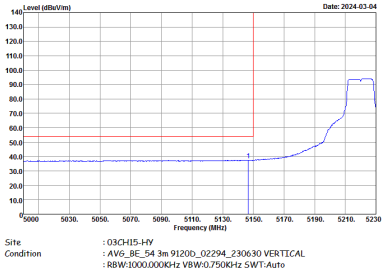
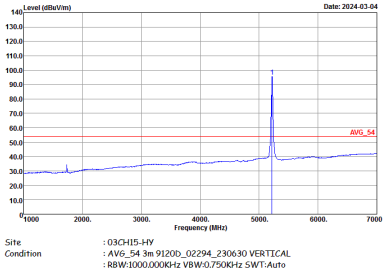
WIFI 802.11a (Band Edge @ 3m)

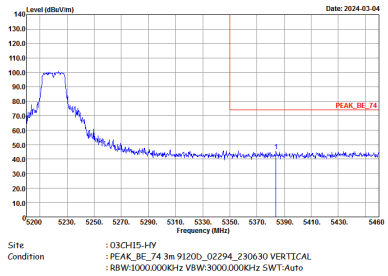
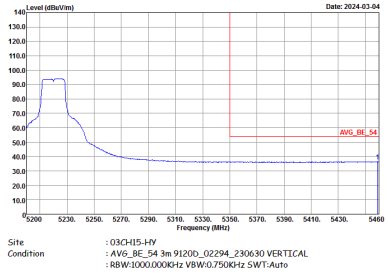
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

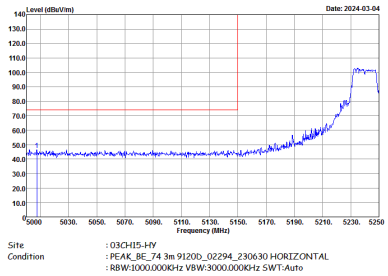
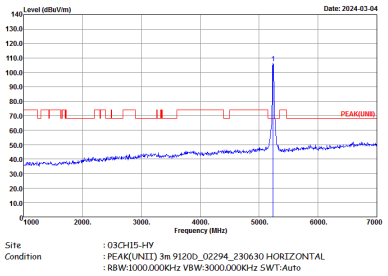
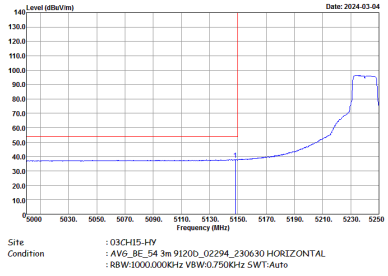
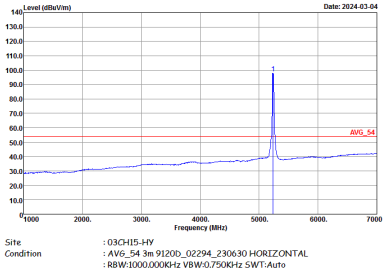
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		

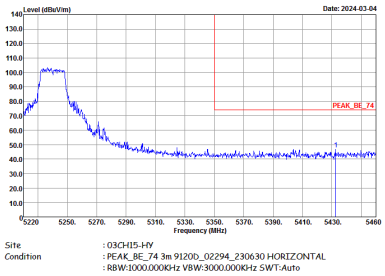
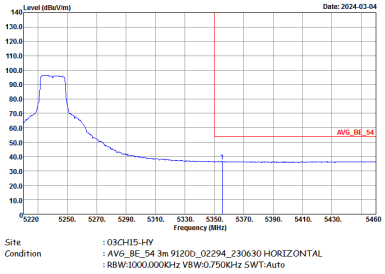
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

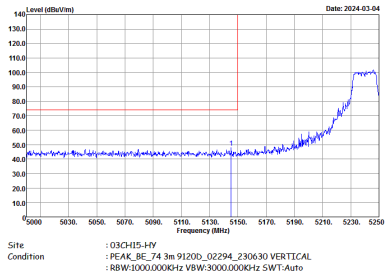
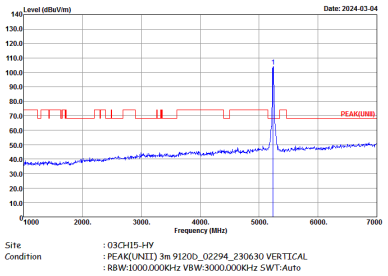
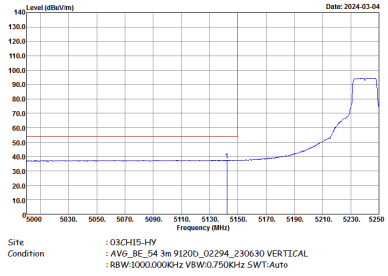
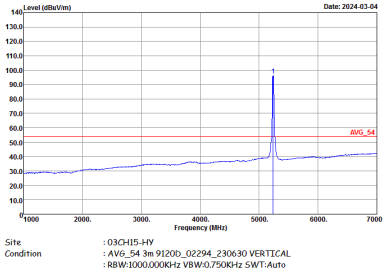
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

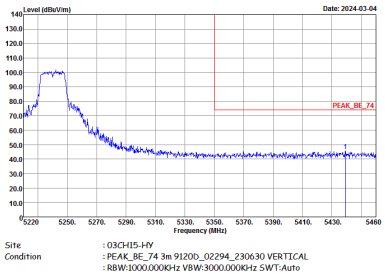
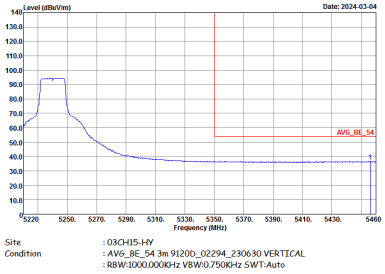
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

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		
Avg.		

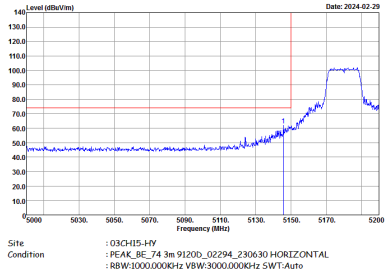
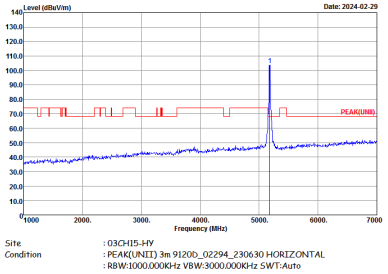
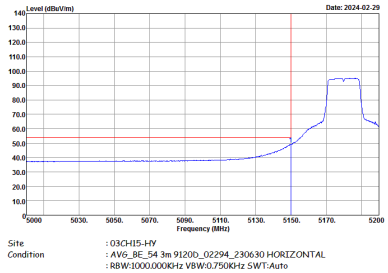
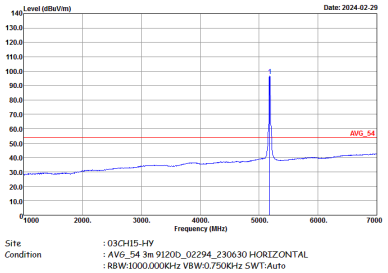
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

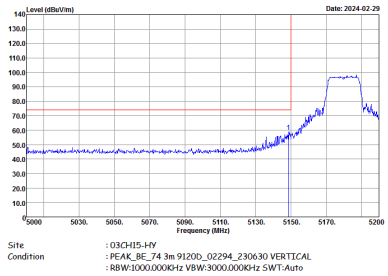
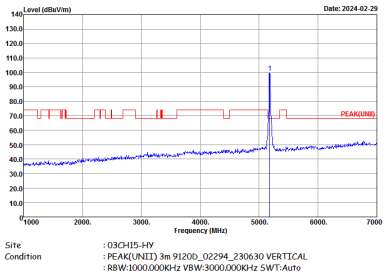
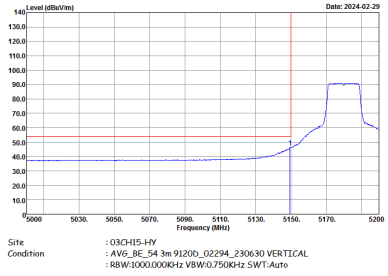
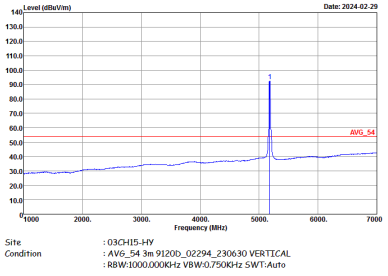
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

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

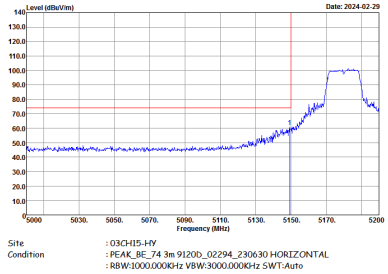
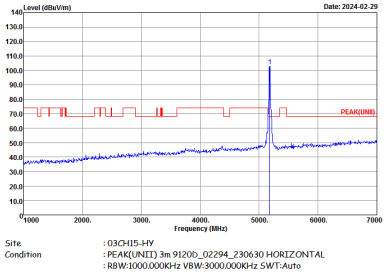
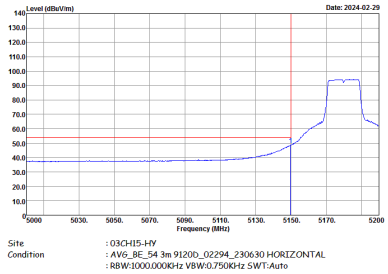
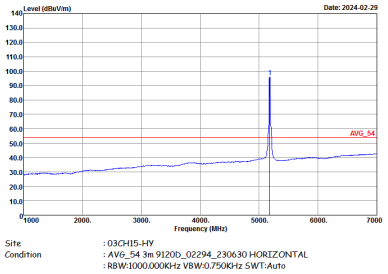
WIFI 802.11n HT20 (Band Edge @ 3m)

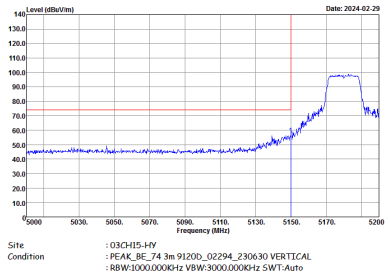
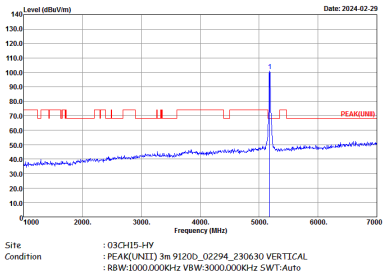
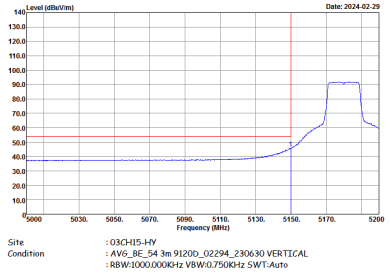
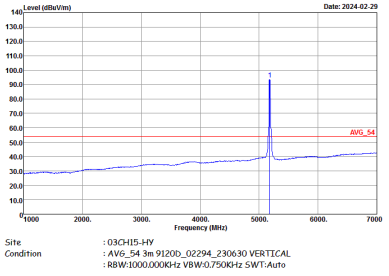
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

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

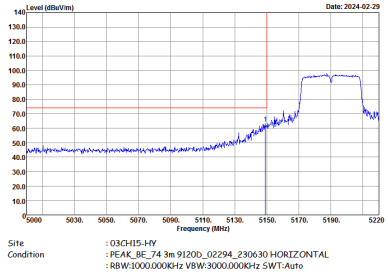
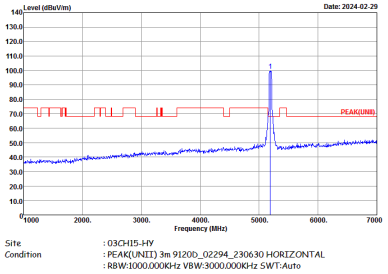
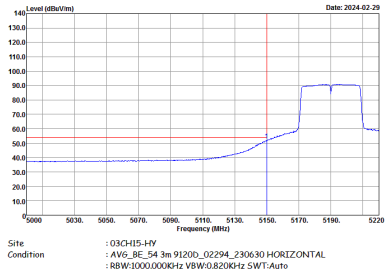
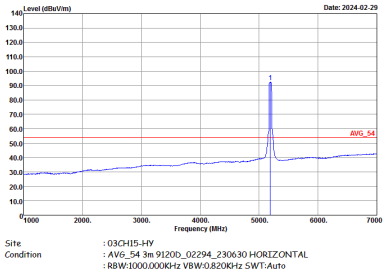
Band 1 5150~5250MHz

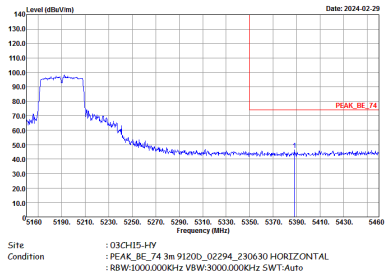
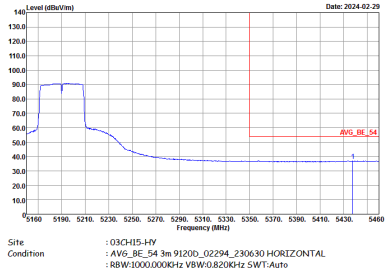
WIFI 802.11ac VHT20 (Band Edge @ 3m)

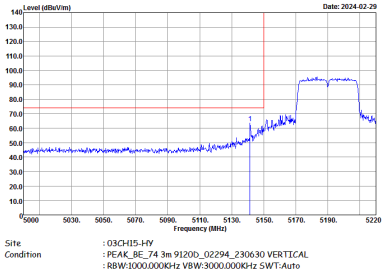
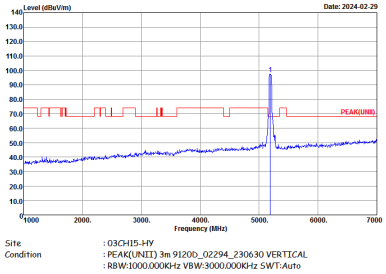
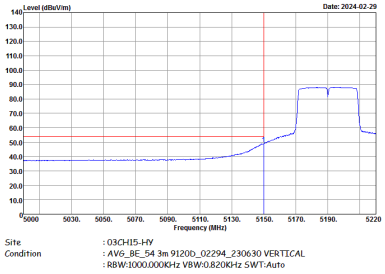
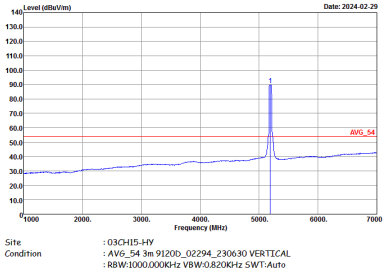
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

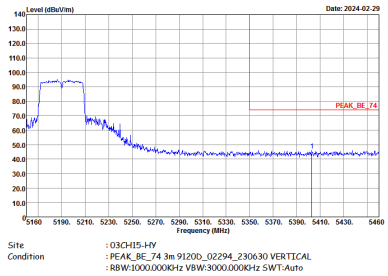
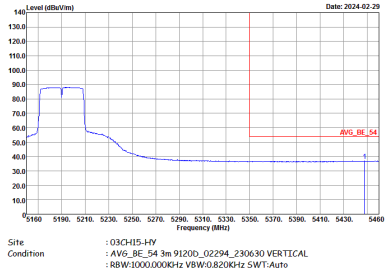
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		

Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

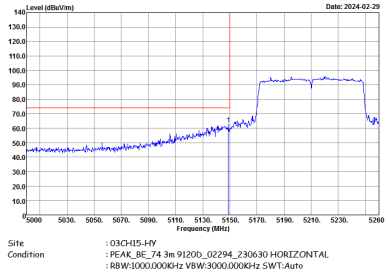
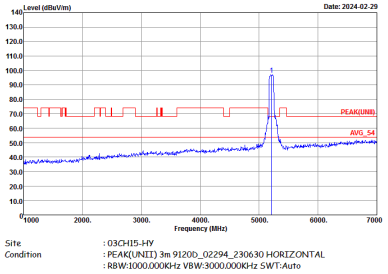
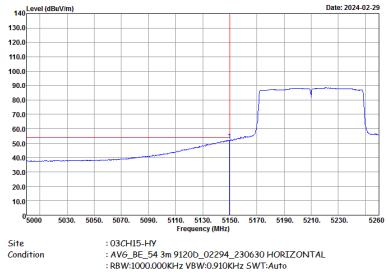
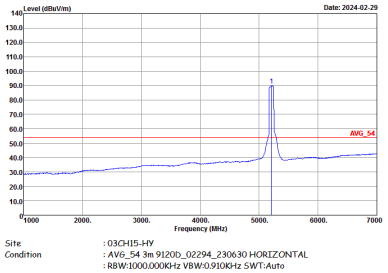
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

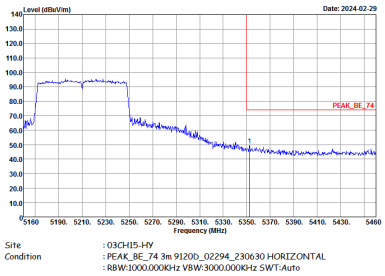
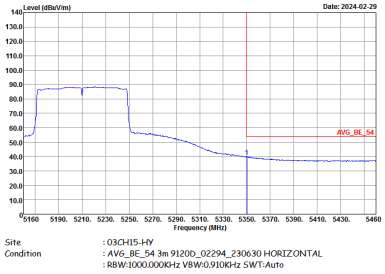
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

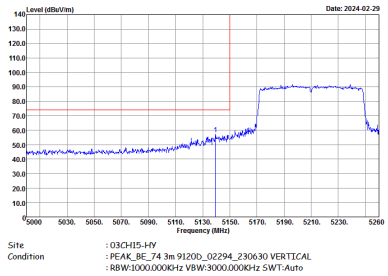
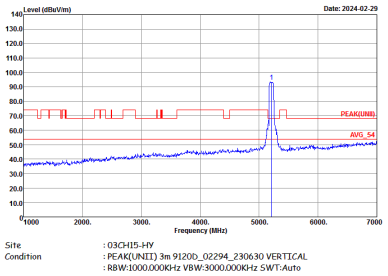
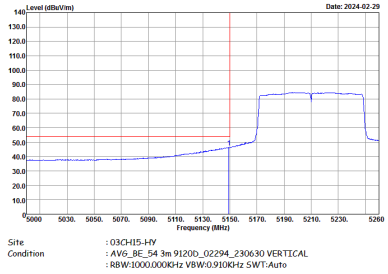
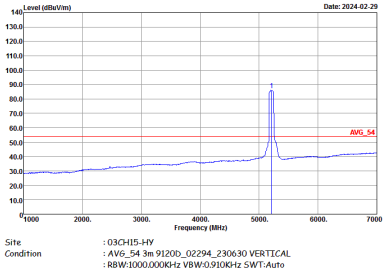
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

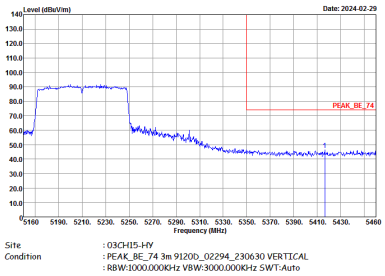
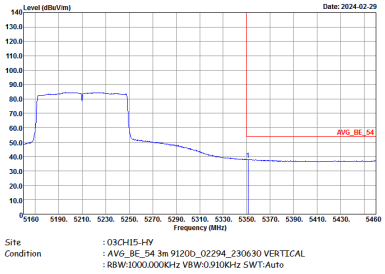
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

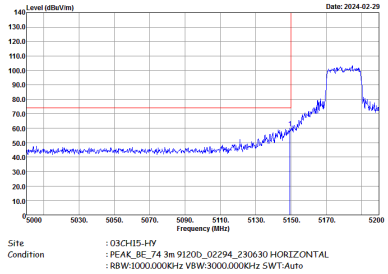
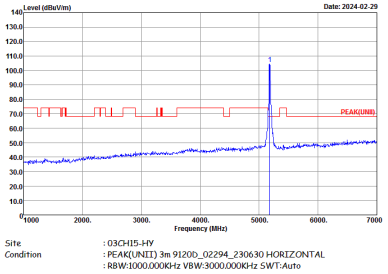
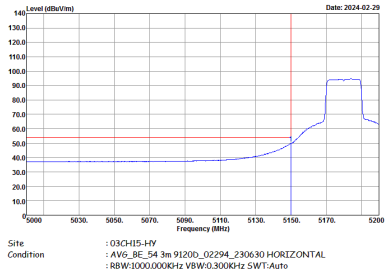
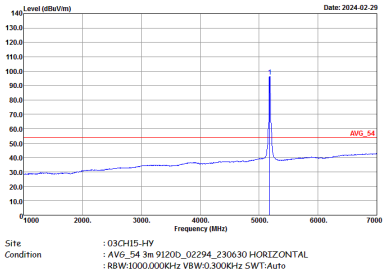
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

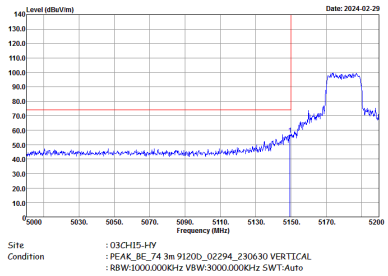
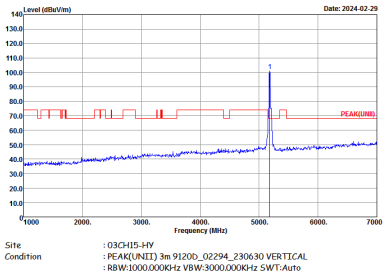
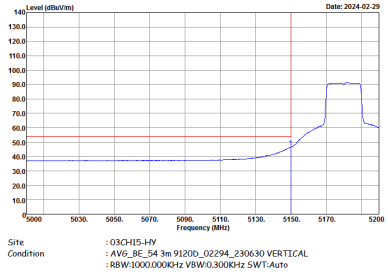
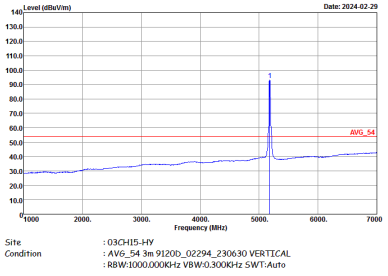
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

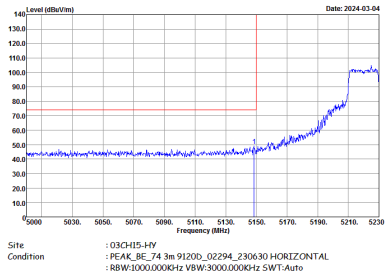
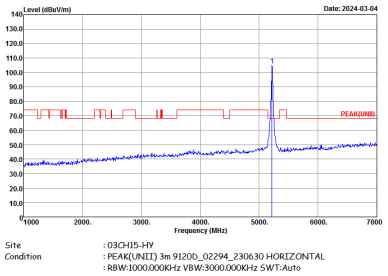
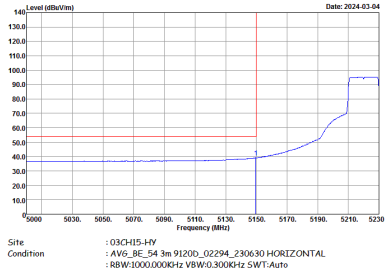
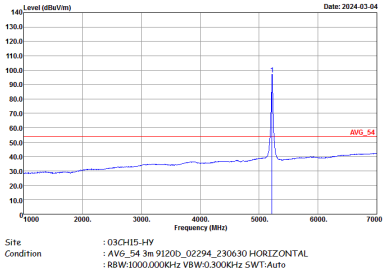
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

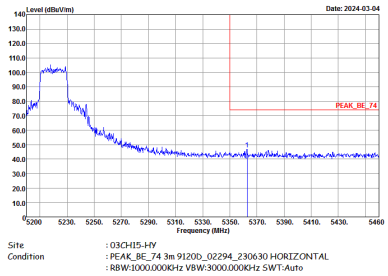
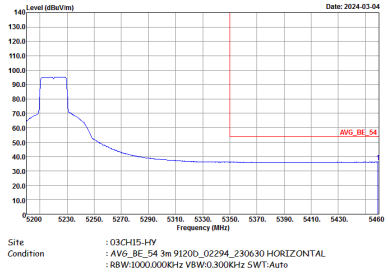
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

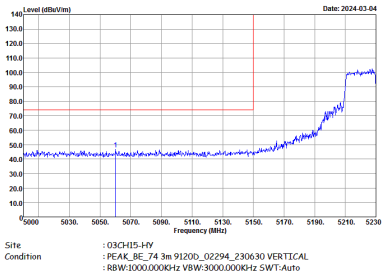
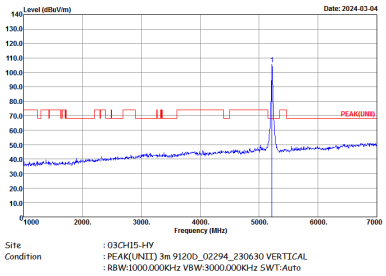
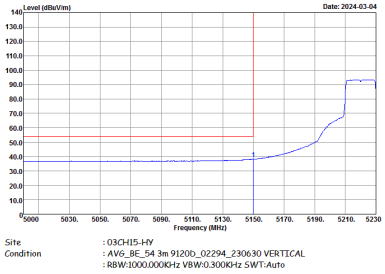
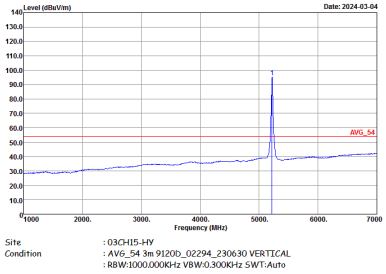
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

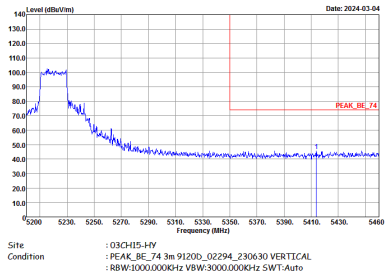
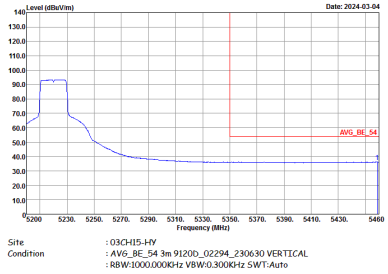
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

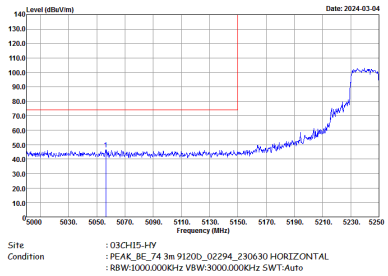
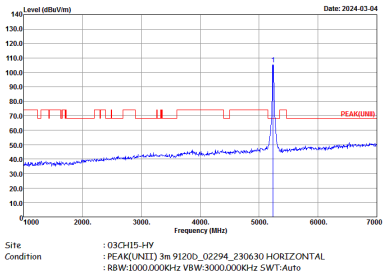
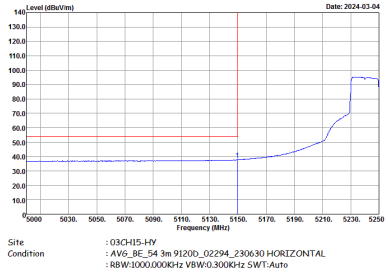
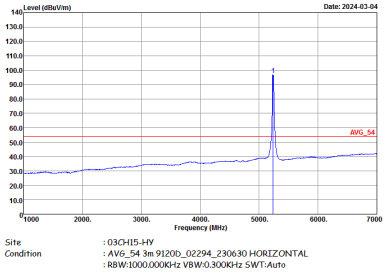
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		

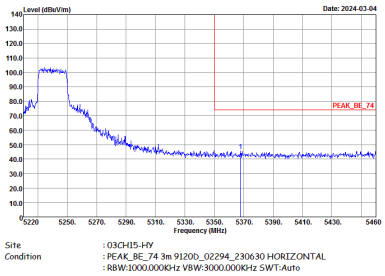
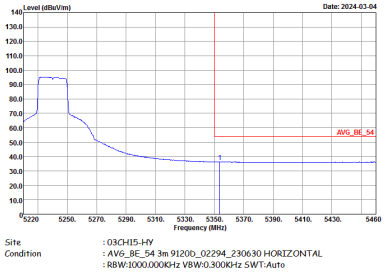
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

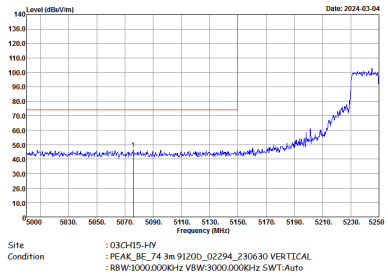
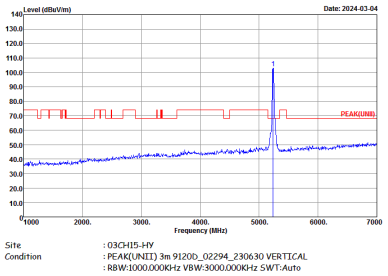
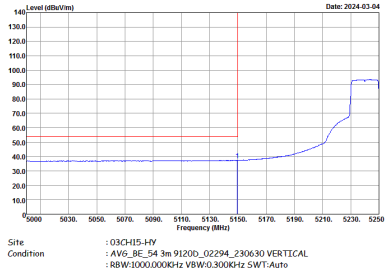
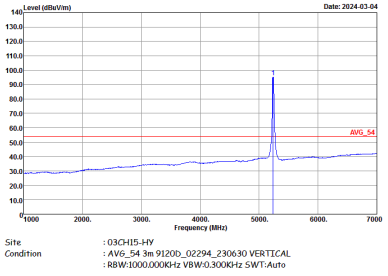
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

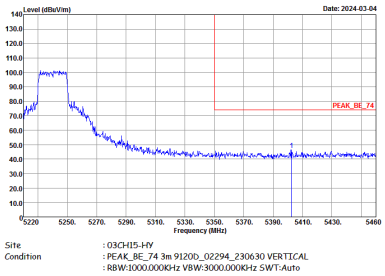
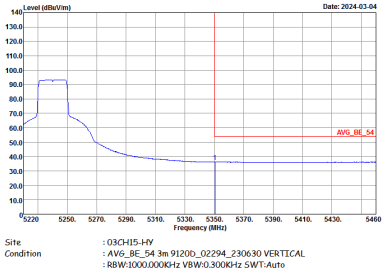
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

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		
Avg.		

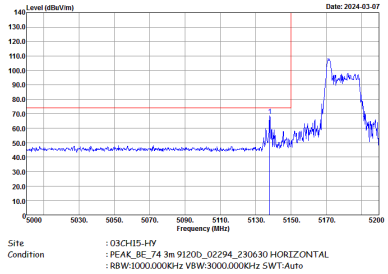
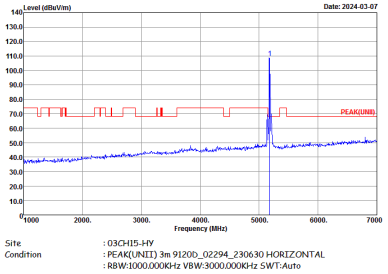
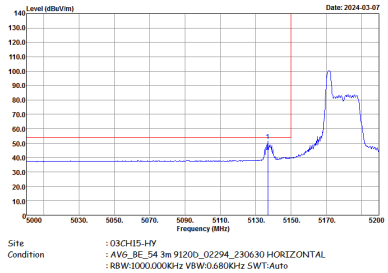
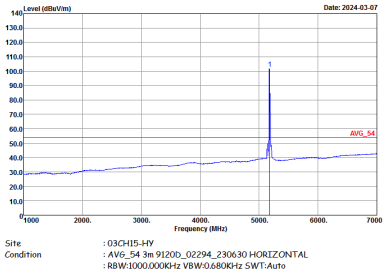
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

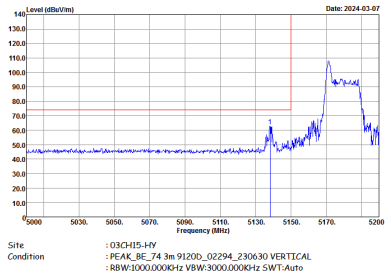
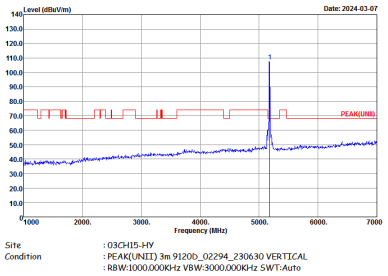
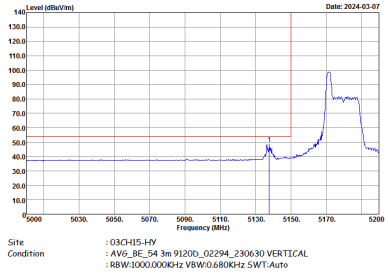
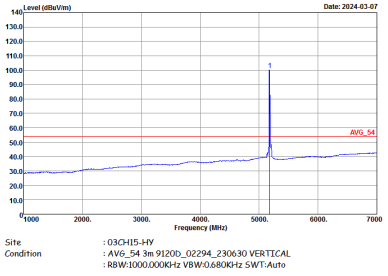
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

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

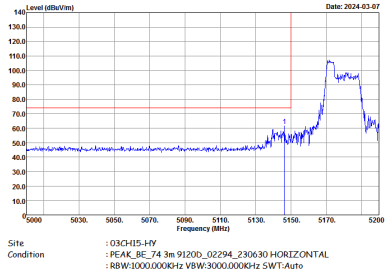
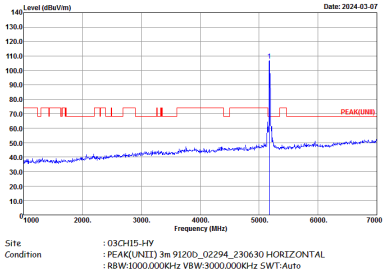
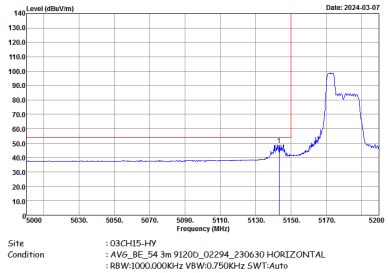
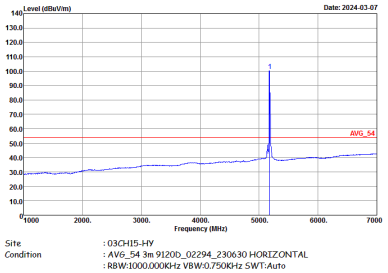
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

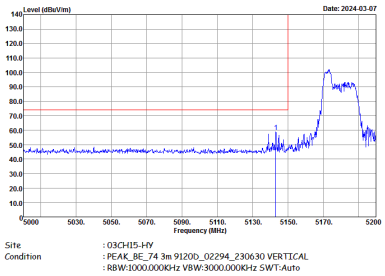
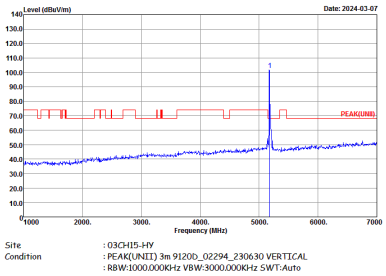
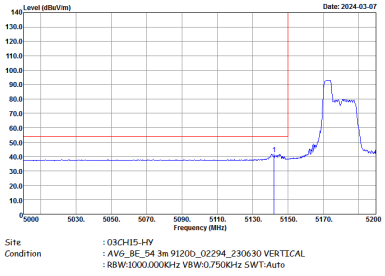
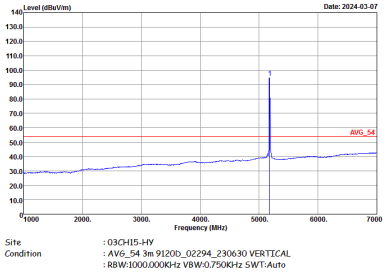
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

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

Band 1 5150~5250MHz

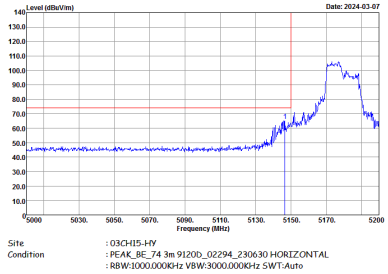
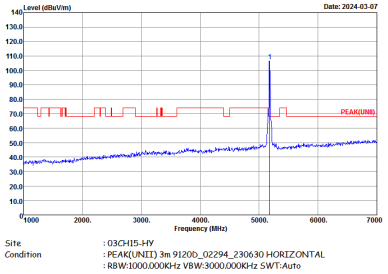
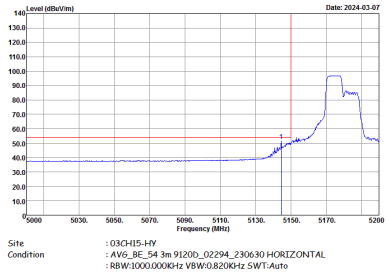
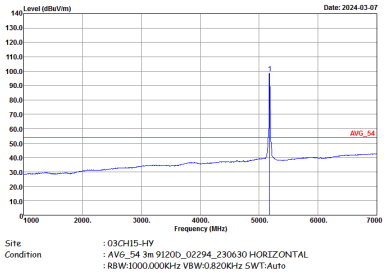
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

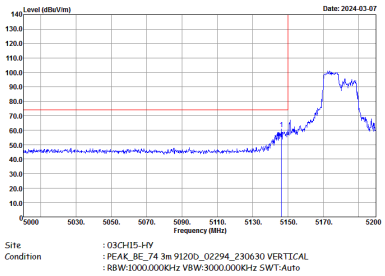
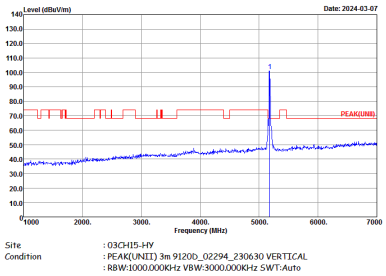
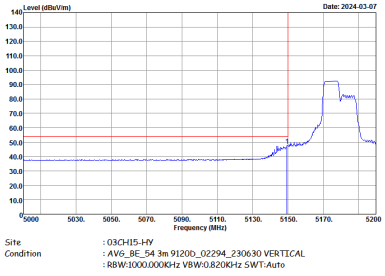
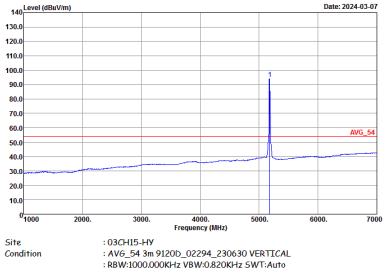
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

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

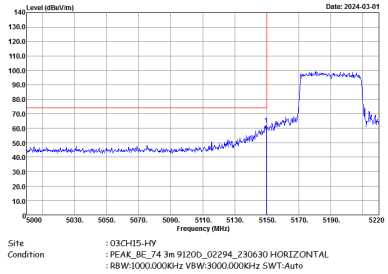
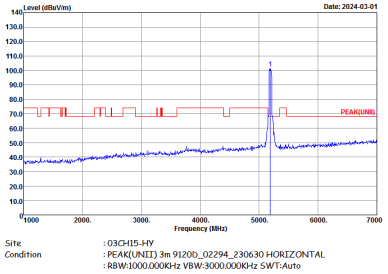
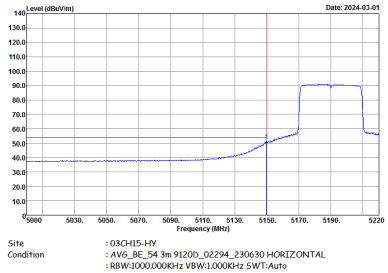
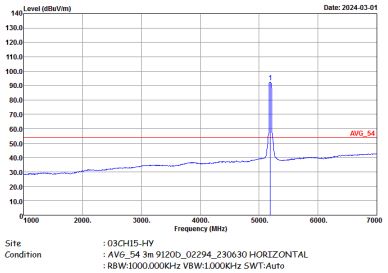
Band 1 5150~5250MHz

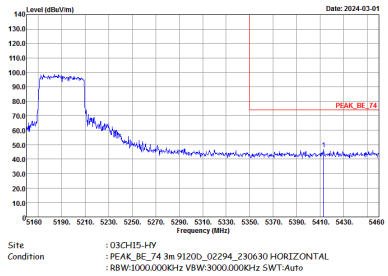
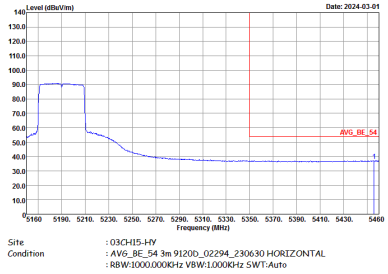
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

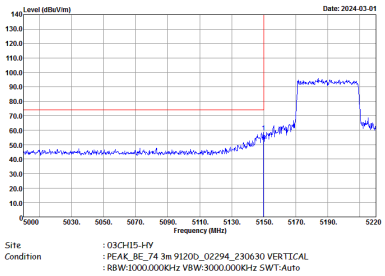
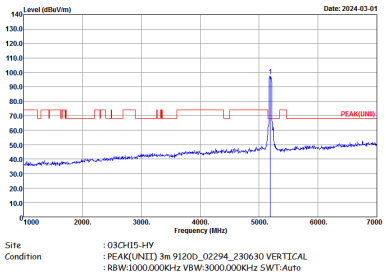
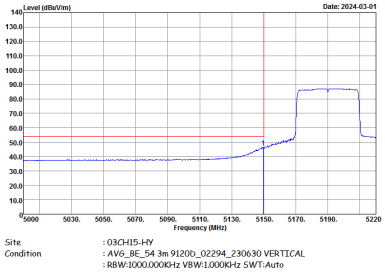
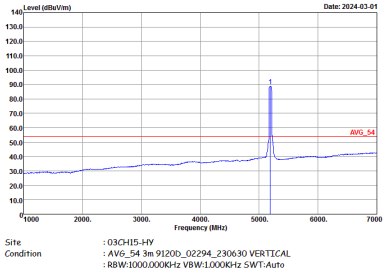
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

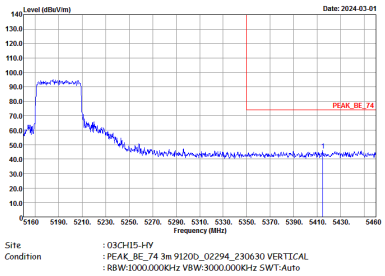
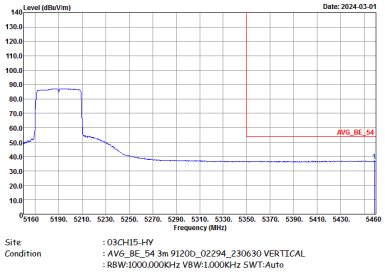
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		

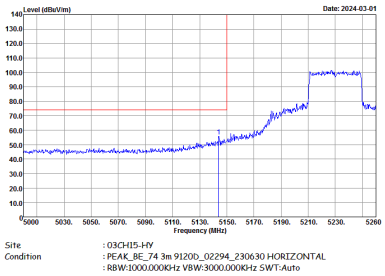
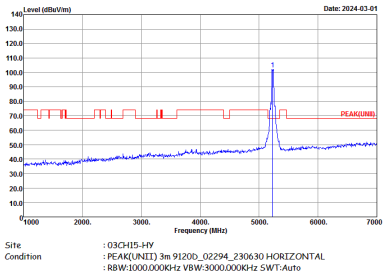
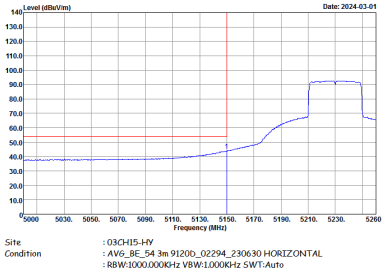
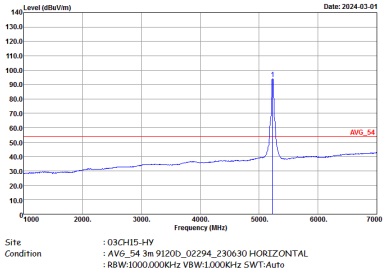
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

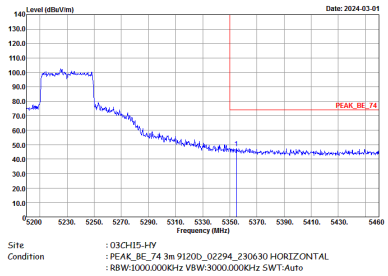
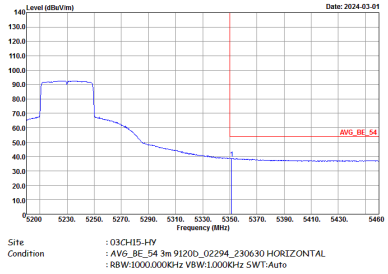
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

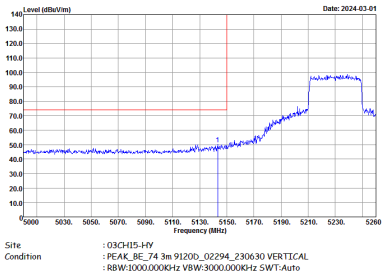
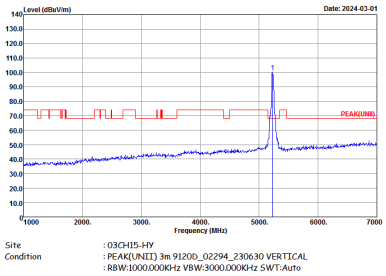
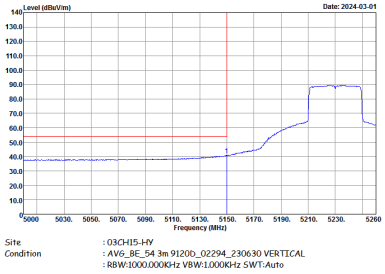
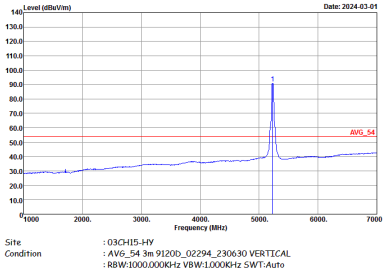
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

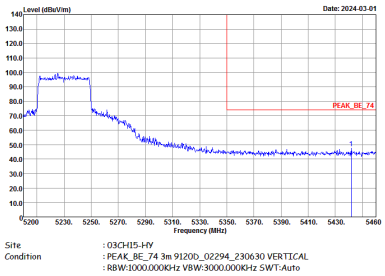
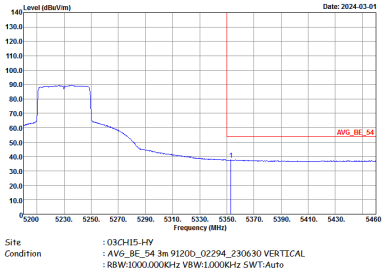
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

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

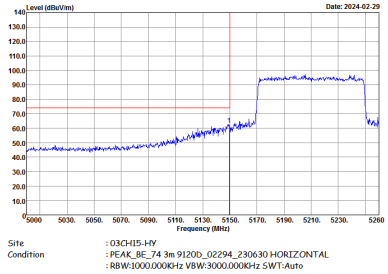
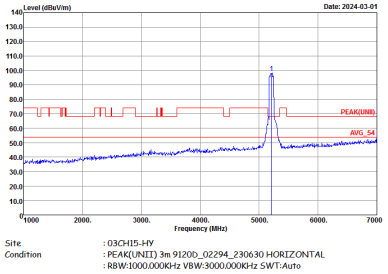
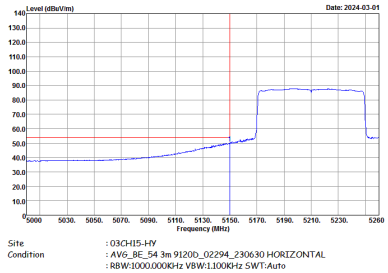
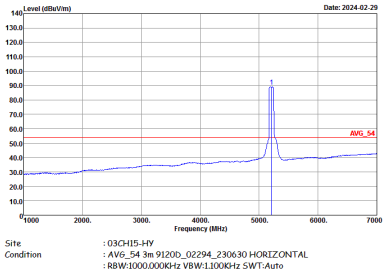
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

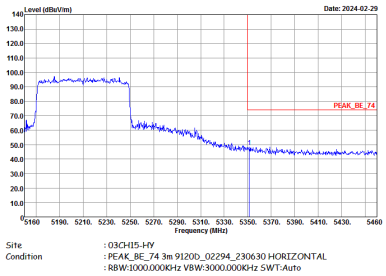
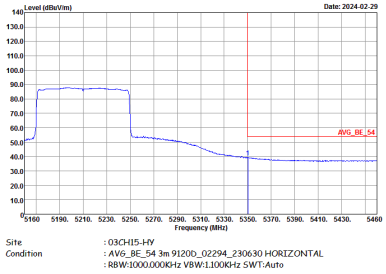
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

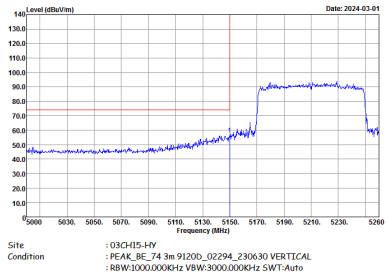
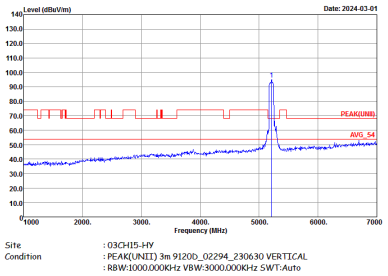
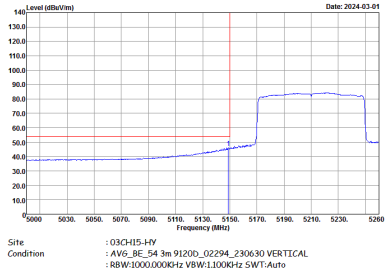
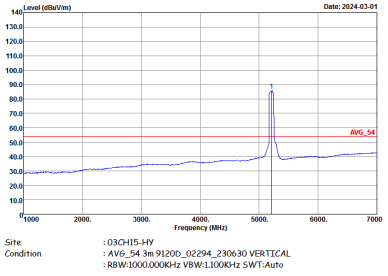
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

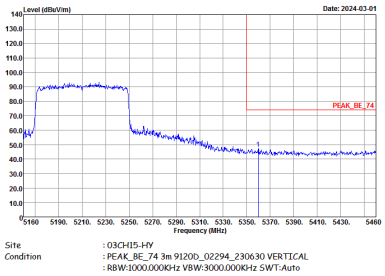
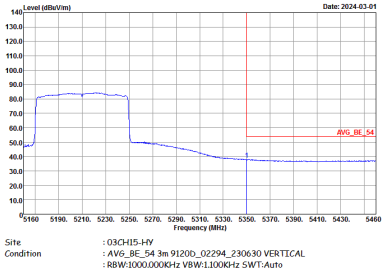
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

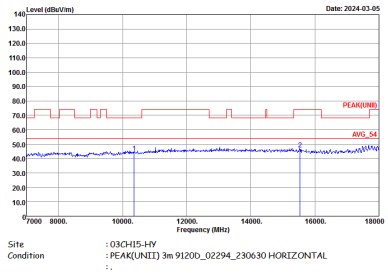
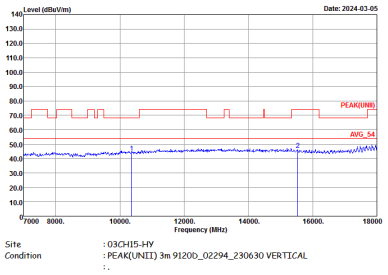
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

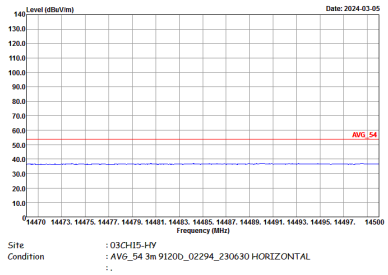
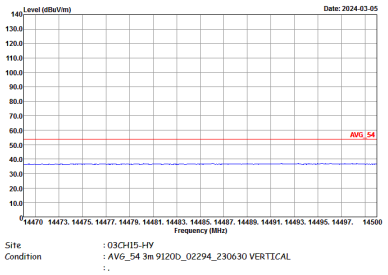
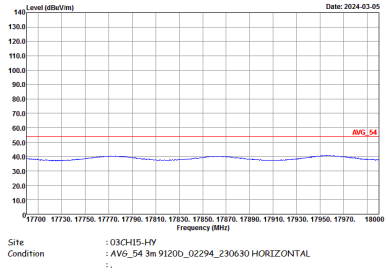
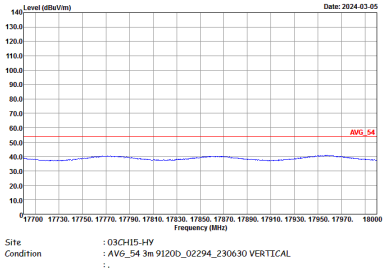
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

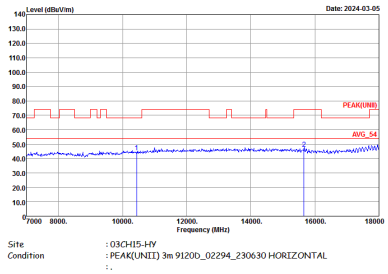
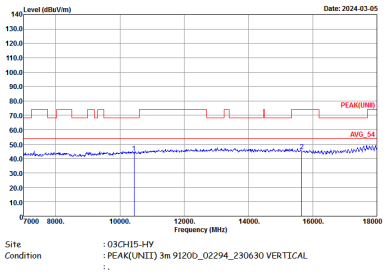
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

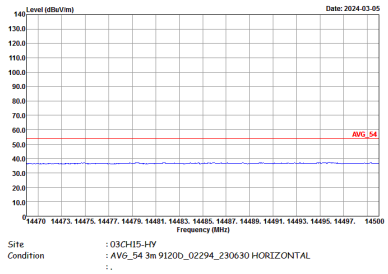
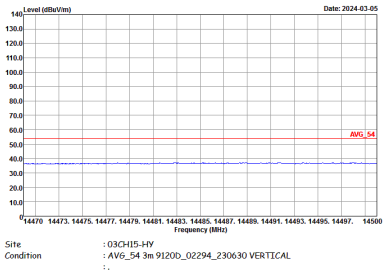
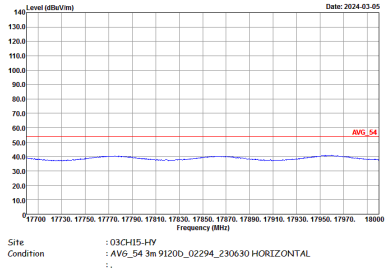
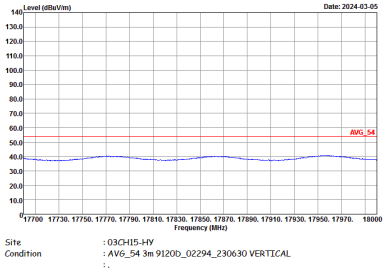
Band 1 - 5150~5250MHz

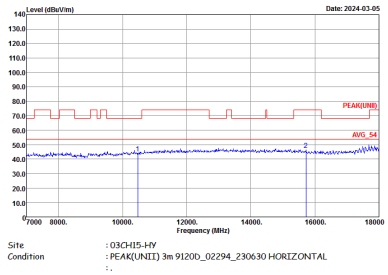
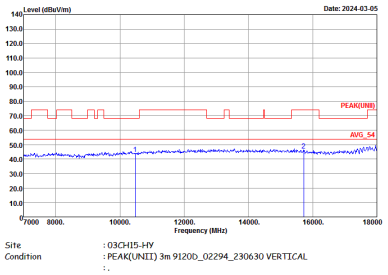
WIFI 802.11a (Harmonic @ 3m)

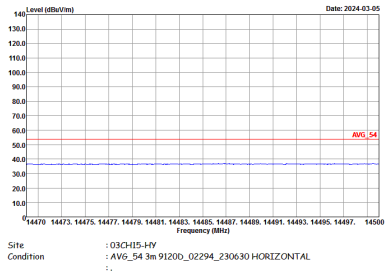
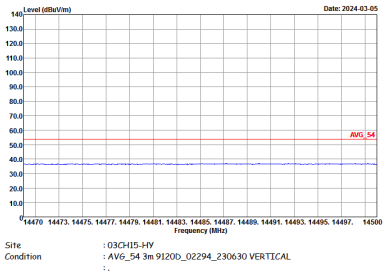
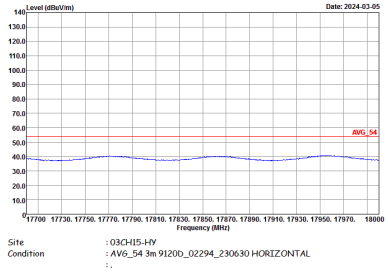
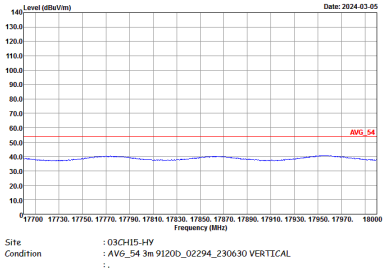
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

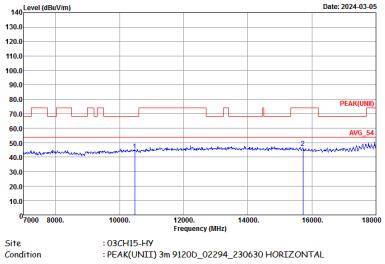
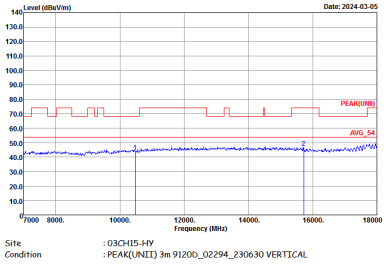
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.		

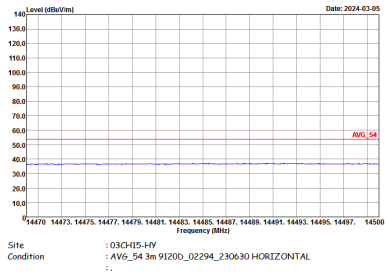
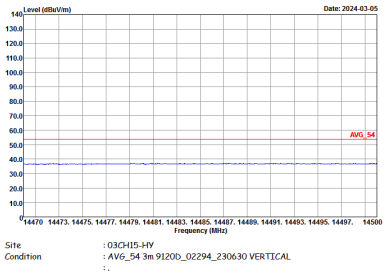
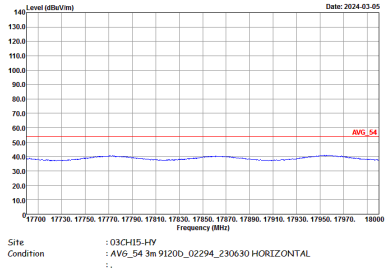
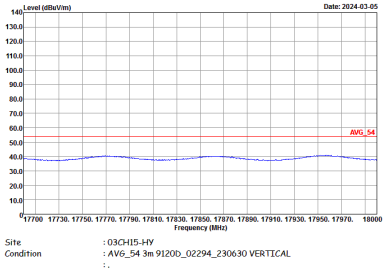
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

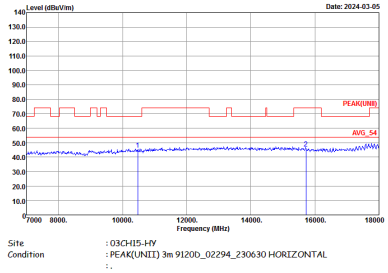
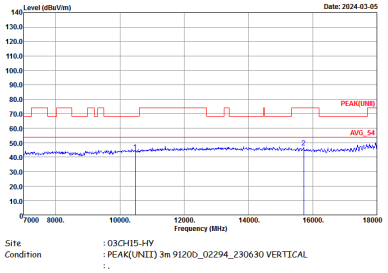
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

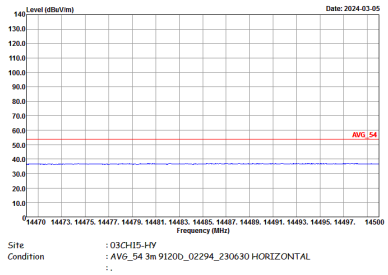
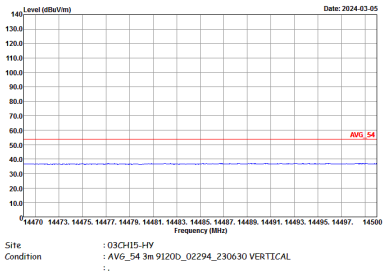
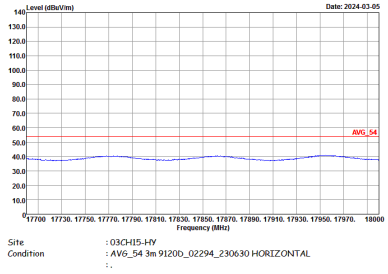
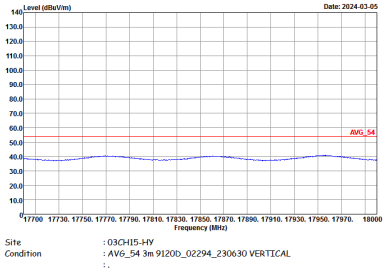
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.