



FCC RADIO TEST REPORT

FCC ID : A4RGRY0E
Equipment : Wireless Device
Model Name : GRY0E
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Nov. 03, 2023 and testing was performed from Nov. 10, 2023 to Apr. 02, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



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History of this test report

Report No.	Version	Description	Issue Date
FR420106E	01	Initial issue of report	Apr. 22, 2024
FR420106E	02	Revise Test Mode and Appendix D This report is an updated version, replacing the report issued on Apr. 22, 2024.	Apr. 25, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	1.84 dB under the limit at 5350.32 MHz
3.5	15.207	AC Conducted Emission	Pass	25.76 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/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: Yun Huang

Report Producer: Ming Chen

1 General Description

1.1 Product Feature of Equipment Under Test

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

EUT Information List	
S/N	Performed Test Item
1JE6501133103033A300F0F	RF Conducted Measurement
41311JEAYL00E3	Radiated Spurious Emission
41311JEAYL0087	Conducted Emission

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	-4.20
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	-4.20
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	-4.20

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, 03CH16-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 Classic Metal (black)) 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.

Single Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + USB Cable (Charging from 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	38	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

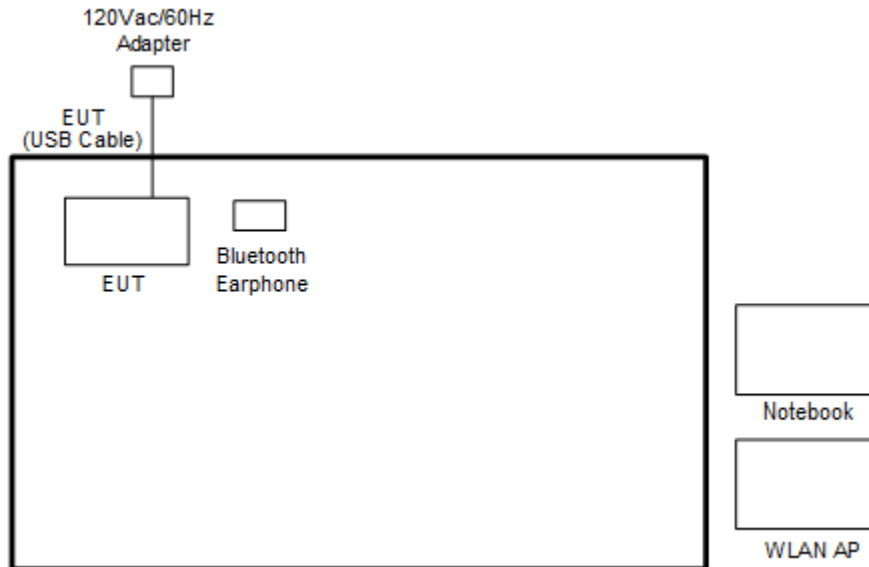
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

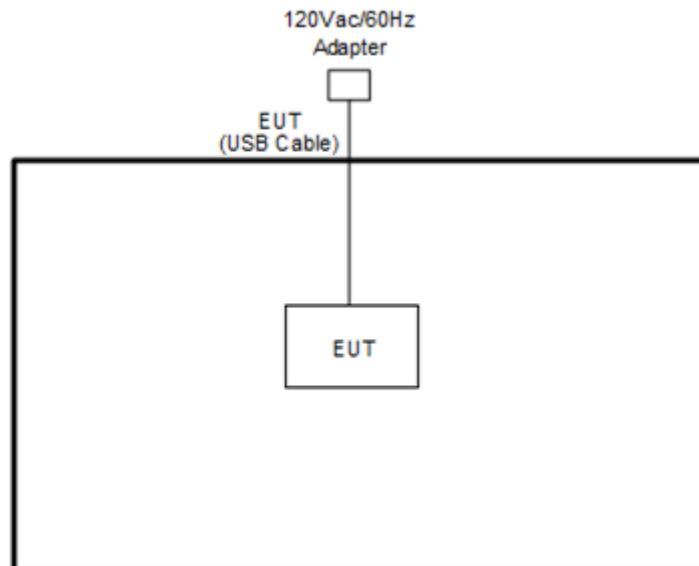
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

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

2.5 EUT Operation Test Setup

The RF test items, utility "Cmd Version 1.0.32" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

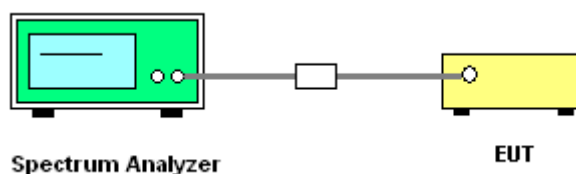
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

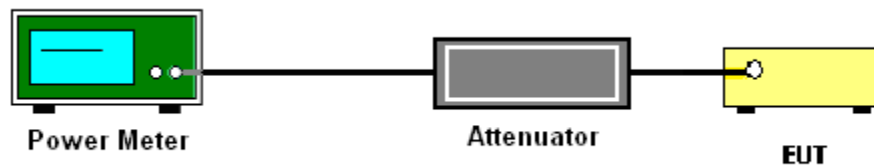
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

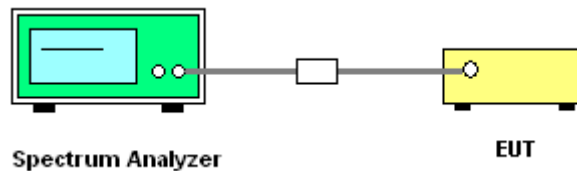
Section F) Maximum power spectral density.

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 $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 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.

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

EIRP (dBm)	Field Strength at 3m (dB μ V/m)
- 27	68.3

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

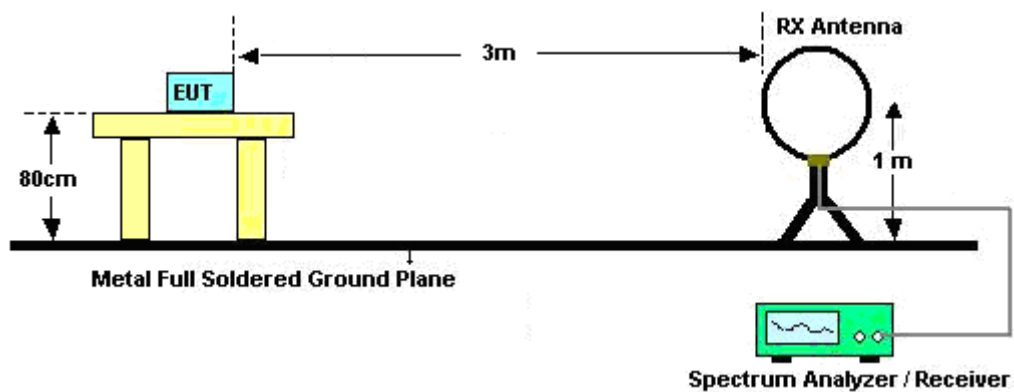
(2) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

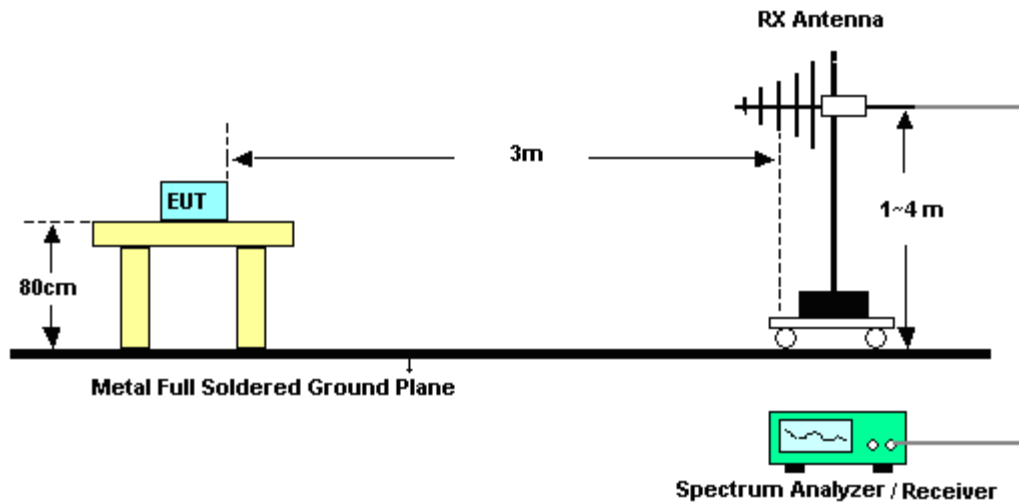
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

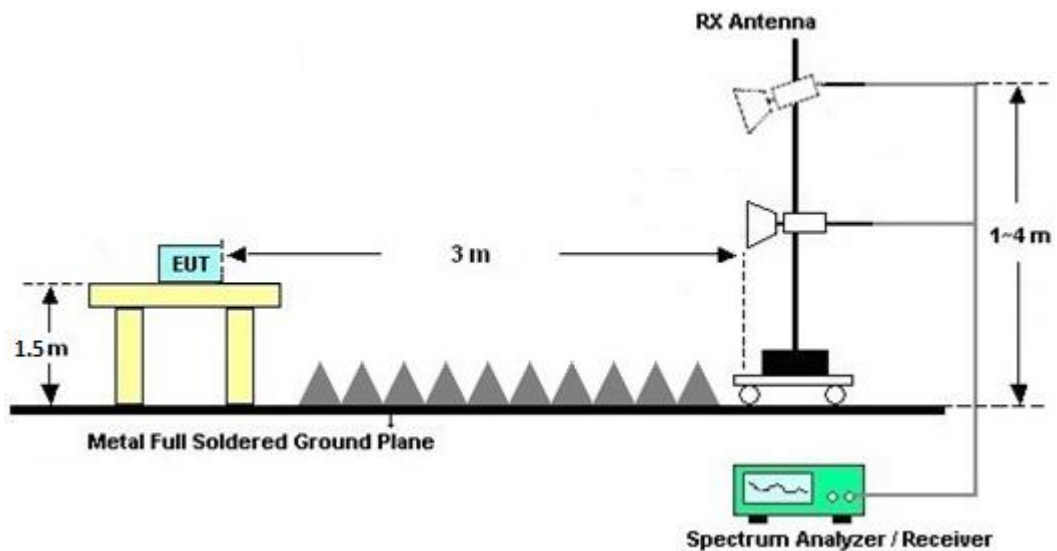
For radiated emissions below 30MHz



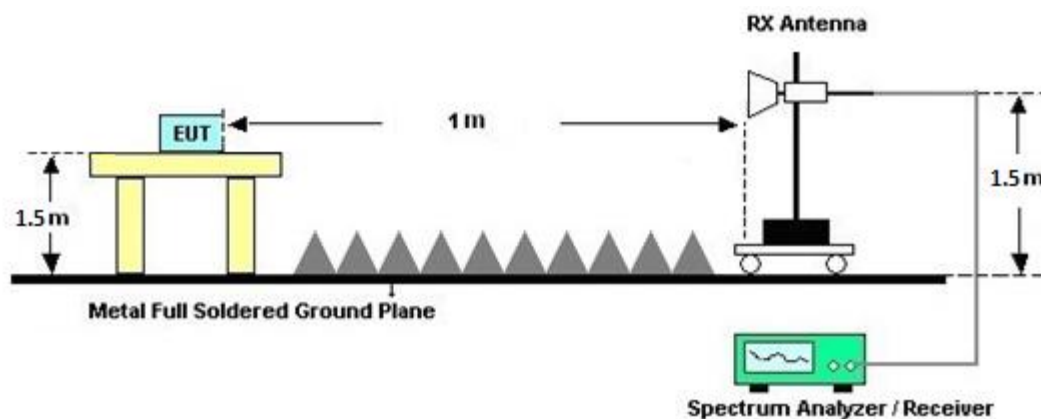
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

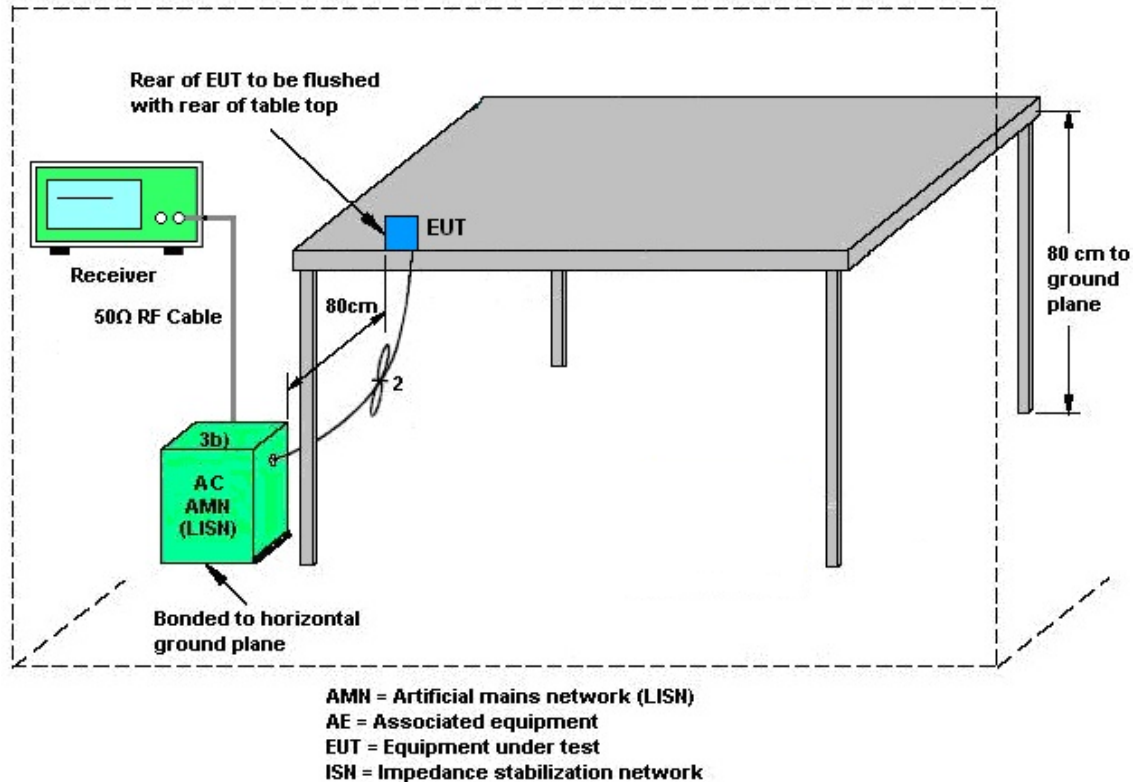
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
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	SCHWARZB ECK	VTSD 9561-F N	9561-F N00373	9kHz~200MHz	Oct. 20, 2023	Mar. 15, 2024	Oct. 19, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Mar. 15, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	Mar. 15, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Mar. 15, 2024	Sep. 19, 2024	Conduction (CO07-HY)
Hygrometer	TECEPIL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Nov. 10, 2023~ Mar. 30, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SN O36 (NO:35_原 144)	10MHz~6GHz	Aug. 23, 2023	Nov. 10, 2023~ Mar. 30, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	Nov. 10, 2023~ Mar. 30, 2024	Sep. 11, 2024	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Mar. 09, 2024~ Apr. 02, 2024	Sep. 11, 2024	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2023	Mar. 09, 2024~ Apr. 02, 2024	Nov. 23, 2024	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-0 6	47020 & 06	30MHz to 1GHz	Oct. 07, 2023	Mar. 09, 2024~ Apr. 02, 2024	Oct. 06, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 23, 2023	Mar. 09, 2024~ Mar. 21, 2024	Mar. 22, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-0203 8	1G~18GHz	Jul. 31, 2023	Mar. 09, 2024~ Apr. 02, 2024	Jul. 30, 2024	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 03, 2023	Mar. 09, 2024~ Apr. 02, 2024	Jul. 02, 2024	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY5327026 4	1GHz~26.5GHz	Dec. 07, 2023	Mar. 09, 2024~ Apr. 02, 2024	Dec. 06, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 25, 2023	Mar. 09, 2024~ Apr. 02, 2024	Dec. 24, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Mar. 09, 2024~ Apr. 02, 2024	Jun. 26, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-153 0-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 15, 2024	Mar. 09, 2024~ Apr. 02, 2024	Jan. 14, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-3 000-18000-60ST	SN3	3GHz High Pass Filter	Jun. 29, 2023	Mar. 09, 2024~ Apr. 02, 2024	Jun. 28, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5- 6750-18000-40S T	SN27	6.75GHz High Pass Filter	Nov. 13, 2023	Mar. 09, 2024~ Apr. 02, 2024	Nov. 12, 2024	Radiation (03CH16-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	Mar. 09, 2024~ Apr. 02, 2024	Mar. 05, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-5 757,805935/ 4,802434/4	30MHz~18GHz	Aug. 08, 2023	Mar. 09, 2024~ Apr. 02, 2024	Aug. 07, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,80 4012/2	18-40GHz	Jan. 02, 2024	Mar. 09, 2024~ Apr. 02, 2024	Jan. 01, 2025	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Mar. 09, 2024~ Apr. 02, 2024	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Mar. 09, 2024~ Apr. 02, 2024	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar. 09, 2024~ Apr. 02, 2024	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar. 09, 2024~ Apr. 02, 2024	N/A	Radiation (03CH16-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
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.5 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu / Shiming Liu	Temperature:	21~25	°C
Test Date:	2023/11/10~2024/3/30	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	17.78	-	29.84	-	-	-	22.50	-	
11a	6Mbps	1	44	5220	18.23	-	33.68	-	-	-	22.61	-	
11a	6Mbps	1	48	5240	18.33	-	34.16	-	-	-	22.63	-	
HT20	MCS0	1	36	5180	18.63	-	33.60	-	-	-	22.70	-	
HT20	MCS0	1	44	5220	19.18	-	38.24	-	-	-	22.83	-	
HT20	MCS0	1	48	5240	20.03	-	39.84	-	-	-	23.01	-	
HT40	MCS0	1	38	5190	37.56	-	71.52	-	-	-	23.01	-	
HT40	MCS0	1	46	5230	37.76	-	84.16	-	-	-	23.01	-	
VHT20	MCS0	1	36	5180	18.63	-	35.92	-	-	-	22.70	-	
VHT20	MCS0	1	44	5220	18.98	-	38.32	-	-	-	22.78	-	
VHT20	MCS0	1	48	5240	19.43	-	40.88	-	-	-	22.88	-	
VHT40	MCS0	1	38	5190	37.36	-	70.08	-	-	-	23.01	-	
VHT40	MCS0	1	46	5230	37.46	-	75.68	-	-	-	23.01	-	
VHT80	MCS0	1	42	5210	75.76	-	87.04	-	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	17.00	-	-	24.00	-	-4.20	-	Pass
11a	6Mbps	1	44	5220	17.30	-		24.00	-	-4.20	-	Pass
11a	6Mbps	1	48	5240	17.40	-		24.00	-	-4.20	-	Pass
HT20	MCS0	1	36	5180	17.20	-		24.00	-	-4.20	-	Pass
HT20	MCS0	1	44	5220	17.40	-		24.00	-	-4.20	-	Pass
HT20	MCS0	1	48	5240	17.20	-		24.00	-	-4.20	-	Pass
HT40	MCS0	1	38	5190	15.70	-		24.00	-	-4.20	-	Pass
HT40	MCS0	1	46	5230	16.20	-		24.00	-	-4.20	-	Pass
VHT20	MCS0	1	36	5180	17.20	-		24.00	-	-4.20	-	Pass
VHT20	MCS0	1	44	5220	17.40	-		24.00	-	-4.20	-	Pass
VHT20	MCS0	1	48	5240	17.20	-		24.00	-	-4.20	-	Pass
VHT40	MCS0	1	38	5190	15.80	-		24.00	-	-4.20	-	Pass
VHT40	MCS0	1	46	5230	16.20	-		24.00	-	-4.20	-	Pass
VHT80	MCS0	1	42	5210	15.20	-		24.00	-	-4.20	-	Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.42	-	4.56	-	-	11.00	-	-4.20	-	Pass
11a	6Mbps	1	44	5220	0.42	-	4.69	-		11.00	-	-4.20	-	Pass
11a	6Mbps	1	48	5240	0.42	-	4.56	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	36	5180	0.47	-	4.44	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	44	5220	0.47	-	4.58	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	48	5240	0.47	-	4.35	-		11.00	-	-4.20	-	Pass
HT40	MCS0	1	38	5190	0.49	-	0.27	-		11.00	-	-4.20	-	Pass
HT40	MCS0	1	46	5230	0.49	-	0.62	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	36	5180	0.44	-	4.56	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	44	5220	0.44	-	4.80	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	48	5240	0.44	-	4.92	-		11.00	-	-4.20	-	Pass
VHT40	MCS0	1	38	5190	0.46	-	1.02	-		11.00	-	-4.20	-	Pass
VHT40	MCS0	1	46	5230	0.46	-	1.43	-		11.00	-	-4.20	-	Pass
VHT80	MCS0	1	42	5210	0.52	-	-2.60	-		11.00	-	-4.20	-	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	18.98	-	34.96	-	23.78	-	29.78	-	23.98	-	-
11a	6Mbps	1	60	5300	18.83	-	36.00	-	23.75	-	29.75	-	23.98	-	
11a	6Mbps	1	64	5320	18.83	-	35.70	-	23.75	-	29.75	-	23.98	-	
HT20	MCS0	1	52	5260	19.68	-	41.28	-	23.94	-	29.94	-	23.98	-	
HT20	MCS0	1	60	5300	19.48	-	38.40	-	23.90	-	29.90	-	23.98	-	
HT20	MCS0	1	64	5320	20.23	-	42.92	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	54	5270	37.86	-	76.48	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	38.26	-	88.19	-	23.98	-	30.00	-	23.98	-	
VHT20	MCS0	1	52	5260	19.23	-	38.00	-	23.84	-	29.84	-	23.98	-	
VHT20	MCS0	1	60	5300	19.08	-	36.40	-	23.81	-	29.81	-	23.98	-	
VHT20	MCS0	1	64	5320	19.98	-	42.14	-	23.98	-	30.00	-	23.98	-	
VHT40	MCS0	1	54	5270	38.36	-	84.16	-	23.98	-	30.00	-	23.98	-	
VHT40	MCS0	1	62	5310	37.16	-	73.70	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.76	-	113.70	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	17.10	-	-	23.98	-	-4.20	-	30	Pass
11a	6Mbps	1	60	5300	17.30	-		23.98	-	-4.20	-	30	Pass
11a	6Mbps	1	64	5320	17.40	-		23.98	-	-4.20	-	30	Pass
HT20	MCS0	1	52	5260	17.10	-		23.98	-	-4.20	-	30	Pass
HT20	MCS0	1	60	5300	17.00	-		23.98	-	-4.20	-	30	Pass
HT20	MCS0	1	64	5320	17.40	-		23.98	-	-4.20	-	30	Pass
HT40	MCS0	1	54	5270	16.30	-		23.98	-	-4.20	-	30	Pass
HT40	MCS0	1	62	5310	14.40	-		23.98	-	-4.20	-	30	Pass
VHT20	MCS0	1	52	5260	17.10	-		23.98	-	-4.20	-	30	Pass
VHT20	MCS0	1	60	5300	17.00	-		23.98	-	-4.20	-	30	Pass
VHT20	MCS0	1	64	5320	17.30	-		23.98	-	-4.20	-	30	Pass
VHT40	MCS0	1	54	5270	16.30	-		23.98	-	-4.20	-	30	Pass
VHT40	MCS0	1	62	5310	14.40	-		23.98	-	-4.20	-	30	Pass
VHT80	MCS0	1	58	5290	14.60	-		23.98	-	-4.20	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	0.42	-	4.48	-	-	11.00	-	-4.20	-	Pass
11a	6Mbps	1	60	5300	0.42	-	4.88	-		11.00	-	-4.20	-	Pass
11a	6Mbps	1	64	5320	0.42	-	4.93	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	52	5260	0.47	-	4.12	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	60	5300	0.47	-	4.34	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	64	5320	0.47	-	5.03	-		11.00	-	-4.20	-	Pass
HT40	MCS0	1	54	5270	0.49	-	0.61	-		11.00	-	-4.20	-	Pass
HT40	MCS0	1	62	5310	0.49	-	1.16	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	52	5260	0.44	-	4.71	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	60	5300	0.44	-	4.60	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	64	5320	0.44	-	4.57	-		11.00	-	-4.20	-	Pass
VHT40	MCS0	1	54	5270	0.46	-	1.33	-		11.00	-	-4.20	-	Pass
VHT40	MCS0	1	62	5310	0.46	-	-0.53	-		11.00	-	-4.20	-	Pass
VHT80	MCS0	1	58	5290	0.52	-	-3.35	-		11.00	-	-4.20	-	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	18.78	-	30.00	-	23.74	-	29.74	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.73	-	29.68	-	23.49	-	29.49	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.53	-	25.04	-	23.44	-	29.44	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.73	-	37.04	-	23.73	-	29.73	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.73	-	36.64	-	23.73	-	29.73	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.68	-	27.84	-	23.71	-	29.71	-	23.98	-	----	----
HT40	MCS0	1	102	5510	37.36	-	82.24	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	37.16	-	75.04	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	37.46	-	73.12	-	23.98	-	30.00	-	23.98	-	----	----
VHT20	MCS0	1	100	5500	18.78	-	33.28	-	23.74	-	29.74	-	23.98	-	----	----
VHT20	MCS0	1	116	5580	18.73	-	30.80	-	23.73	-	29.73	-	23.98	-	----	----
VHT20	MCS0	1	140	5700	18.58	-	31.92	-	23.69	-	29.69	-	23.98	-	----	----
VHT40	MCS0	1	102	5510	37.26	-	67.68	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	110	5550	36.96	-	58.56	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	134	5670	37.06	-	61.12	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	75.76	-	96.96	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	75.88	-	90.88	-	23.98	-	30.00	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.74	-	16.68	-	22.38	-	28.38	-	23.22	-	3.2	-
HT20	MCS0	1	144	5720	14.29	-	19.40	-	22.55	-	28.55	-	23.88	-	3.85	-
HT40	MCS0	1	142	5710	33.88	-	50.68	-	23.98	-	30.00	-	23.98	-	3.27	-
VHT20	MCS0	1	144	5720	14.29	-	19.88	-	22.55	-	28.55	-	23.98	-	3.85	-
VHT40	MCS0	1	142	5710	33.48	-	40.60	-	23.98	-	30.00	-	23.98	-	3.27	-
VHT80	MCS0	1	138	5690	72.88	-	75.96	-	23.98	-	30.00	-	23.98	-	3.08	-

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	17.30	-	-	23.98	-	-4.20	-	30	Pass
11a	6Mbps	1	116	5580	17.40	-		23.98	-	-4.20	-	30	Pass
11a	6Mbps	1	140	5700	17.20	-		23.98	-	-4.20	-	30	Pass
HT20	MCS0	1	100	5500	17.30	-		23.98	-	-4.20	-	30	Pass
HT20	MCS0	1	116	5580	17.40	-		23.98	-	-4.20	-	30	Pass
HT20	MCS0	1	140	5700	17.20	-		23.98	-	-4.20	-	30	Pass
HT40	MCS0	1	102	5510	16.30	-		23.98	-	-4.20	-	30	Pass
HT40	MCS0	1	110	5550	16.10	-		23.98	-	-4.20	-	30	Pass
HT40	MCS0	1	134	5670	16.40	-		23.98	-	-4.20	-	30	Pass
VHT20	MCS0	1	100	5500	17.30	-		23.98	-	-4.20	-	30	Pass
VHT20	MCS0	1	116	5580	17.40	-		23.98	-	-4.20	-	30	Pass
VHT20	MCS0	1	140	5700	17.20	-		23.98	-	-4.20	-	30	Pass
VHT40	MCS0	1	102	5510	16.30	-		23.98	-	-4.20	-	30	Pass
VHT40	MCS0	1	110	5550	16.10	-		23.98	-	-4.20	-	30	Pass
VHT40	MCS0	1	134	5670	16.40	-		23.98	-	-4.20	-	30	Pass
VHT80	MCS0	1	106	5530	15.20	-		23.98	-	-4.20	-	30	Pass
VHT80	MCS0	1	122	5610	15.20	-		23.98	-	-4.20	-	30	Pass

FCC U-NII-2C straddle channel single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	17.20	-	-	23.22	-	-4.20	-	30	Pass
HT20	MCS0	1	144	5720	17.30	-		23.88	-	-4.20	-	30	Pass
HT40	MCS0	1	142	5710	16.20	-		23.98	-	-4.20	-	30	Pass
VHT20	MCS0	1	144	5720	17.30	-		23.98	-	-4.20	-	30	Pass
VHT40	MCS0	1	142	5710	16.20	-		23.98	-	-4.20	-	30	Pass
VHT80	MCS0	1	138	5690	15.40	-		23.98	-	-4.20	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	0.42	-	4.56	-	-	11.00	-	-4.20	-	Pass
11a	6Mbps	1	116	5580	0.42	-	4.85	-		11.00	-	-4.20	-	Pass
11a	6Mbps	1	140	5700	0.42	-	4.54	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	100	5500	0.47	-	4.70	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	116	5580	0.47	-	4.73	-		11.00	-	-4.20	-	Pass
HT20	MCS0	1	140	5700	0.47	-	4.52	-		11.00	-	-4.20	-	Pass
HT40	MCS0	1	102	5510	0.49	-	0.60	-		11.00	-	-4.20	-	Pass
HT40	MCS0	1	110	5550	0.49	-	0.33	-		11.00	-	-4.20	-	Pass
HT40	MCS0	1	134	5670	0.49	-	0.85	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	100	5500	0.44	-	4.61	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	116	5580	0.44	-	4.78	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	140	5700	0.44	-	4.49	-		11.00	-	-4.20	-	Pass
VHT40	MCS0	1	102	5510	0.46	-	1.37	-		11.00	-	-4.20	-	Pass
VHT40	MCS0	1	110	5550	0.46	-	1.00	-		11.00	-	-4.20	-	Pass
VHT40	MCS0	1	134	5670	0.46	-	1.46	-		11.00	-	-4.20	-	Pass
VHT80	MCS0	1	106	5530	0.52	-	-2.60	-		11.00	-	-4.20	-	Pass
VHT80	MCS0	1	122	5610	0.52	-	-2.49	-		11.00	-	-4.20	-	Pass

U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	144	5720	0.42	-	4.64	-	-	11.00	-	-4.20	-	Pass
HT20	MCS0	1	144	5720	0.47	-	4.68	-		11.00	-	-4.20	-	Pass
HT40	MCS0	1	142	5710	0.49	-	0.59	-		11.00	-	-4.20	-	Pass
VHT20	MCS0	1	144	5720	0.44	-	4.73	-		11.00	-	-4.20	-	Pass
VHT40	MCS0	1	142	5710	0.46	-	1.35	-		11.00	-	-4.20	-	Pass
VHT80	MCS0	1	138	5690	0.52	-	-2.61	-		11.00	-	-4.20	-	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	19.38	-	28.16	-	-	-	22.87	-	-	-
HE20	MCS0	1	44	5220	Full	19.58	-	38.88	-	-	-	22.92	-		
HE20	MCS0	1	48	5240	Full	19.53	-	41.12	-	-	-	22.91	-		
HE40	MCS0	1	38	5190	Full	38.06	-	52.00	-	-	-	23.01	-		
HE40	MCS0	1	46	5230	Full	38.16	-	51.20	-	-	-	23.01	-		
HE80	MCS0	1	42	5210	Full	77.20	-	82.56	-	-	-	23.01	-		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	16.70	-	-	24.00	-	-4.20	-	-	Pass
HE20	MCS0	1	36	5180	26/0	6.80	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	36	5180	52/37	9.80	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	36	5180	106/53	12.80	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	44	5220	Full	17.40	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	44	5220	26/4	9.00	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	44	5220	52/38	11.00	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	44	5220	106/53	14.40	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	48	5240	Full	17.20	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	48	5240	26/8	7.50	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	48	5240	52/40	10.30	-		24.00	-	-4.20	-		Pass
HE20	MCS0	1	48	5240	106/54	13.40	-		24.00	-	-4.20	-		Pass
HE40	MCS0	1	38	5190	Full	15.30	-		24.00	-	-4.20	-		Pass
HE40	MCS0	1	46	5230	Full	16.20	-		24.00	-	-4.20	-		Pass
HE80	MCS0	1	42	5210	Full	14.70	-		24.00	-	-4.20	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	36	5180	Full	0.58	-	4.23	-	-	11.00	-	-4.20	-	Pass
HE20	MCS0	1	36	5180	26/0	0.25	-	3.94	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	36	5180	52/37	0.30	-	3.90	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	36	5180	106/53	0.33	-	3.87	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	44	5220	Full	0.58	-	5.30	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	44	5220	26/4	0.25	-	4.90	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	44	5220	52/38	0.30	-	5.13	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	44	5220	106/53	0.33	-	5.17	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	48	5240	Full	0.58	-	5.08	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	48	5240	26/8	0.25	-	4.58	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	48	5240	52/40	0.30	-	4.74	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	48	5240	106/54	0.33	-	4.57	-		11.00	-	-4.20	-	Pass
HE40	MCS0	1	38	5190	Full	0.59	-	0.42	-		11.00	-	-4.20	-	Pass
HE40	MCS0	1	46	5230	Full	0.59	-	1.00	-		11.00	-	-4.20	-	Pass
HE80	MCS0	1	42	5210	Full	0.60	-	-3.44	-		11.00	-	-4.20	-	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	19.58	-	33.76	-	23.92	-	29.92	-	23.98	-	
HE20	MCS0	1	60	5300	Full	19.53	-	41.28	-	23.91	-	29.91	-	23.98	-	
HE20	MCS0	1	64	5320	Full	19.93	-	41.94	-	23.98	-	30.00	-	23.98	-	
HE40	MCS0	1	54	5270	Full	38.16	-	59.04	-	23.98	-	30.00	-	23.98	-	
HE40	MCS0	1	62	5310	Full	38.06	-	59.66	-	23.98	-	30.00	-	23.98	-	
HE80	MCS0	1	58	5290	Full	77.20	-	89.12	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	17.10	-	-	23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	52	5260	26/0	8.10	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	52	5260	52/37	10.50	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	52	5260	106/53	13.50	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	60	5300	Full	17.00	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	60	5300	26/4	8.70	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	60	5300	52/38	10.30	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	60	5300	106/53	13.00	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	64	5320	Full	17.40	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	64	5320	26/8	7.50	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	64	5320	52/40	10.30	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	64	5320	106/54	13.20	-		23.98	-	-4.20	-	30	Pass
HE40	MCS0	1	54	5270	Full	16.10	-		23.98	-	-4.20	-	30	Pass
HE40	MCS0	1	62	5310	Full	15.30	-		23.98	-	-4.20	-	30	Pass
HE80	MCS0	1	58	5290	Full	15.10	-		23.98	-	-4.20	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	0.58	-	5.07	-	-	11.00	-	-4.20	-	Pass
HE20	MCS0	1	52	5260	26/0	0.25	-	5.05	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	52	5260	52/37	0.30	-	4.59	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	52	5260	106/53	0.33	-	4.71	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	60	5300	Full	0.58	-	4.86	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	60	5300	26/4	0.25	-	4.56	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	60	5300	52/38	0.30	-	4.45	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	60	5300	106/53	0.33	-	4.65	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	64	5320	Full	0.58	-	4.87	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	64	5320	26/8	0.25	-	4.55	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	64	5320	52/40	0.30	-	4.40	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	64	5320	106/54	0.33	-	4.48	-		11.00	-	-4.20	-	Pass
HE40	MCS0	1	54	5270	Full	0.59	-	0.86	-		11.00	-	-4.20	-	Pass
HE40	MCS0	1	62	5310	Full	0.59	-	0.01	-		11.00	-	-4.20	-	Pass
HE80	MCS0	1	58	5290	Full	0.60	-	-2.69	-		11.00	-	-4.20	-	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	100	5500	Full	19.38	-	33.28	-	23.87	-	29.87	-	23.98	-	----	----
HE20	MCS0	1	116	5580	Full	19.38	-	32.24	-	23.87	-	29.87	-	23.98	-	----	----
HE20	MCS0	1	140	5700	Full	19.33	-	25.76	-	23.86	-	29.86	-	23.98	-	----	----
HE40	MCS0	1	102	5510	Full	38.06	-	49.28	-	23.98	-	30.00	-	23.98	-	----	----
HE40	MCS0	1	110	5550	Full	37.86	-	43.04	-	23.98	-	30.00	-	23.98	-	----	----
HE40	MCS0	1	134	5670	Full	38.06	-	46.08	-	23.98	-	30.00	-	23.98	-	----	----
HE80	MCS0	1	106	5530	Full	77.08	-	82.56	-	23.98	-	30.00	-	23.98	-	----	----
HE80	MCS0	1	122	5610	Full	77.20	-	82.56	-	23.98	-	30.00	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																	
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	144	5720	Full	14.69	-	19.56	-	22.67	-	28.67	-	23.91	-	4.55	-
HE40	MCS0	1	142	5710	Full	33.98	-	39.00	-	23.98	-	30.00	-	23.98	-	3.99	-
HE80	MCS0	1	138	5690	Full	73.60	-	75.96	-	23.98	-	30.00	-	23.98	-	4.04	-

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	17.30	-	-	23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	100	5500	26/0	7.90	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	100	5500	52/37	10.60	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	100	5500	106/53	13.50	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	116	5580	Full	17.40	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	116	5580	26/4	9.30	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	116	5580	52/38	10.70	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	116	5580	106/53	14.10	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	140	5700	Full	16.80	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	140	5700	26/8	7.10	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	140	5700	52/40	10.20	-		23.98	-	-4.20	-	30	Pass
HE20	MCS0	1	140	5700	106/54	13.40	-		23.98	-	-4.20	-	30	Pass
HE40	MCS0	1	102	5510	Full	16.30	-		23.98	-	-4.20	-	30	Pass
HE40	MCS0	1	110	5550	Full	16.00	-		23.98	-	-4.20	-	30	Pass
HE40	MCS0	1	134	5670	Full	16.40	-		23.98	-	-4.20	-	30	Pass
HE80	MCS0	1	106	5530	Full	15.20	-		23.98	-	-4.20	-	30	Pass
HE80	MCS0	1	122	5610	Full	15.20	-		23.98	-	-4.20	-	30	Pass

FCC U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	17.30	-	-	23.91	-	-4.20	-	30	Pass
HE20	MCS0	1	144	5720	26/8	8.10	-		23.91	-	-4.20	-	30	Pass
HE20	MCS0	1	144	5720	52/40	10.70	-		23.91	-	-4.20	-	30	Pass
HE20	MCS0	1	144	5720	106/54	13.80	-		23.91	-	-4.20	-	30	Pass
HE40	MCS0	1	142	5710	Full	16.20	-		23.98	-	-4.20	-	30	Pass
HE80	MCS0	1	138	5690	Full	15.40	-		23.98	-	-4.20	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

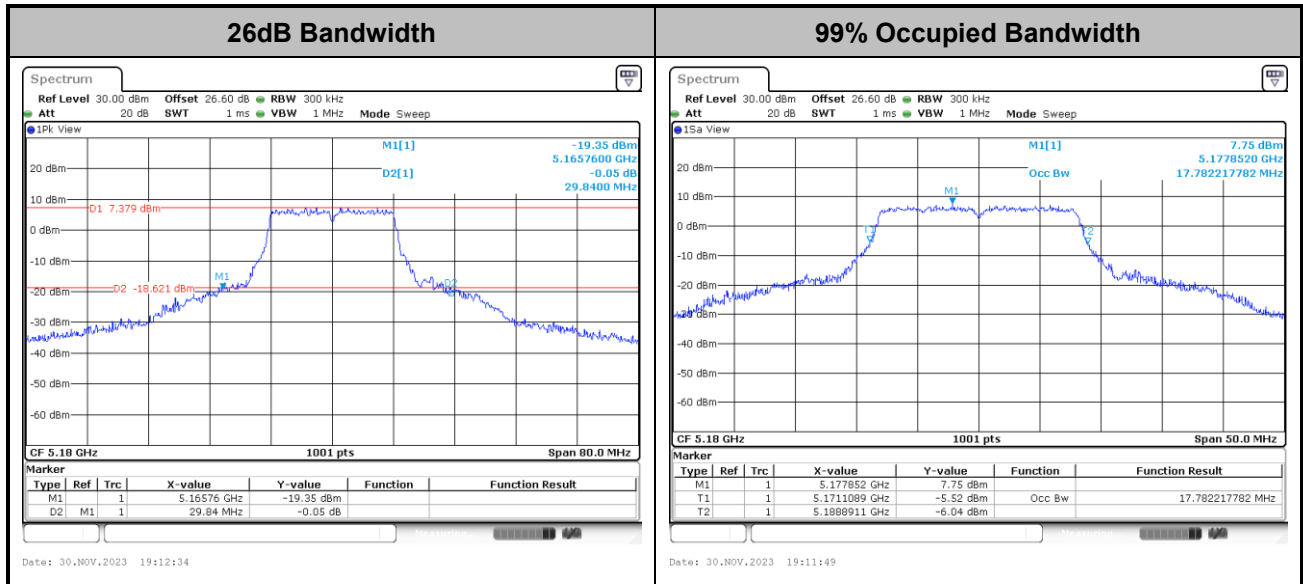
U-NII-2C single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	100	5500	Full	0.58	-	5.06	-	-	11.00	-	-4.20	-	Pass
HE20	MCS0	1	100	5500	26/0	0.25	-	4.83	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	100	5500	52/37	0.30	-	4.60	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	100	5500	106/53	0.33	-	4.70	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	116	5580	Full	0.58	-	5.29	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	116	5580	26/4	0.25	-	5.16	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	116	5580	52/38	0.30	-	4.95	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	116	5580	106/53	0.33	-	5.17	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	140	5700	Full	0.58	-	4.54	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	140	5700	26/8	0.25	-	4.14	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	140	5700	52/40	0.30	-	4.40	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	140	5700	106/54	0.33	-	4.23	-		11.00	-	-4.20	-	Pass
HE40	MCS0	1	102	5510	Full	0.59	-	1.16	-		11.00	-	-4.20	-	Pass
HE40	MCS0	1	110	5550	Full	0.59	-	0.70	-		11.00	-	-4.20	-	Pass
HE40	MCS0	1	134	5670	Full	0.59	-	1.18	-		11.00	-	-4.20	-	Pass
HE80	MCS0	1	106	5530	Full	0.60	-	-2.84	-		11.00	-	-4.20	-	Pass
HE80	MCS0	1	122	5610	Full	0.60	-	-3.02	-		11.00	-	-4.20	-	Pass

U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	144	5720	Full	0.58	-	5.03	-	-	11.00	-	-4.20	-	Pass
HE20	MCS0	1	144	5720	26/8	0.25	-	4.92	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	144	5720	52/40	0.30	-	4.86	-		11.00	-	-4.20	-	Pass
HE20	MCS0	1	144	5720	106/54	0.33	-	4.82	-		11.00	-	-4.20	-	Pass
HE40	MCS0	1	142	5710	Full	0.59	-	0.78	-		11.00	-	-4.20	-	Pass
HE80	MCS0	1	138	5690	Full	0.60	-	-2.80	-		11.00	-	-4.20	-	Pass

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

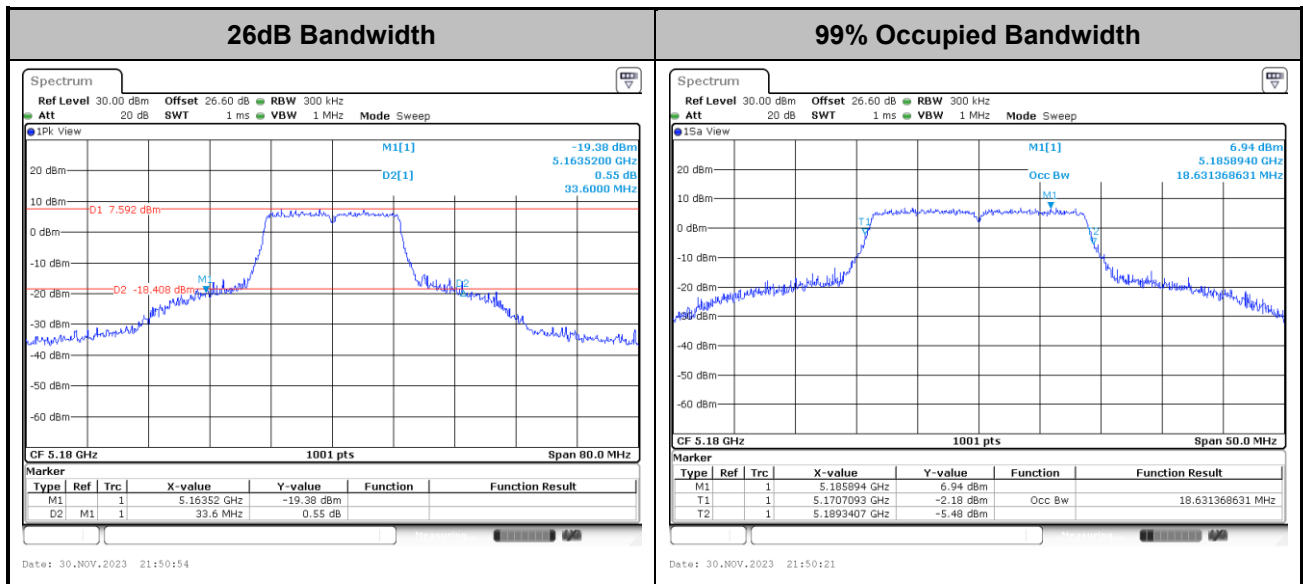
<Ant. 1>

<802.11a>



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

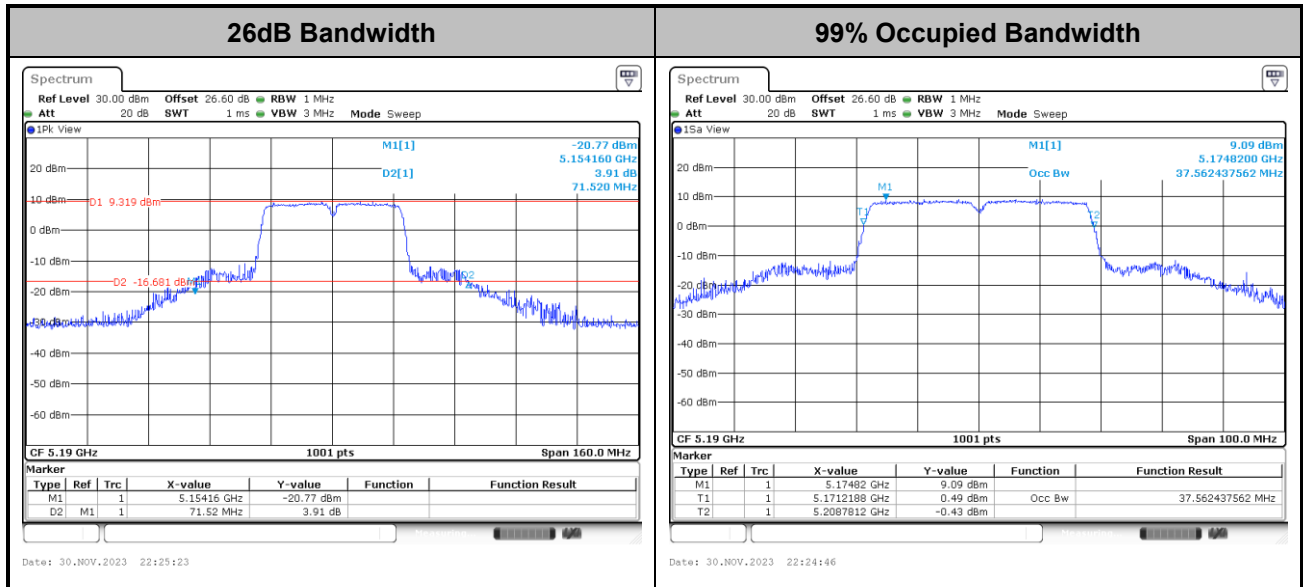
<802.11an HT20>



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

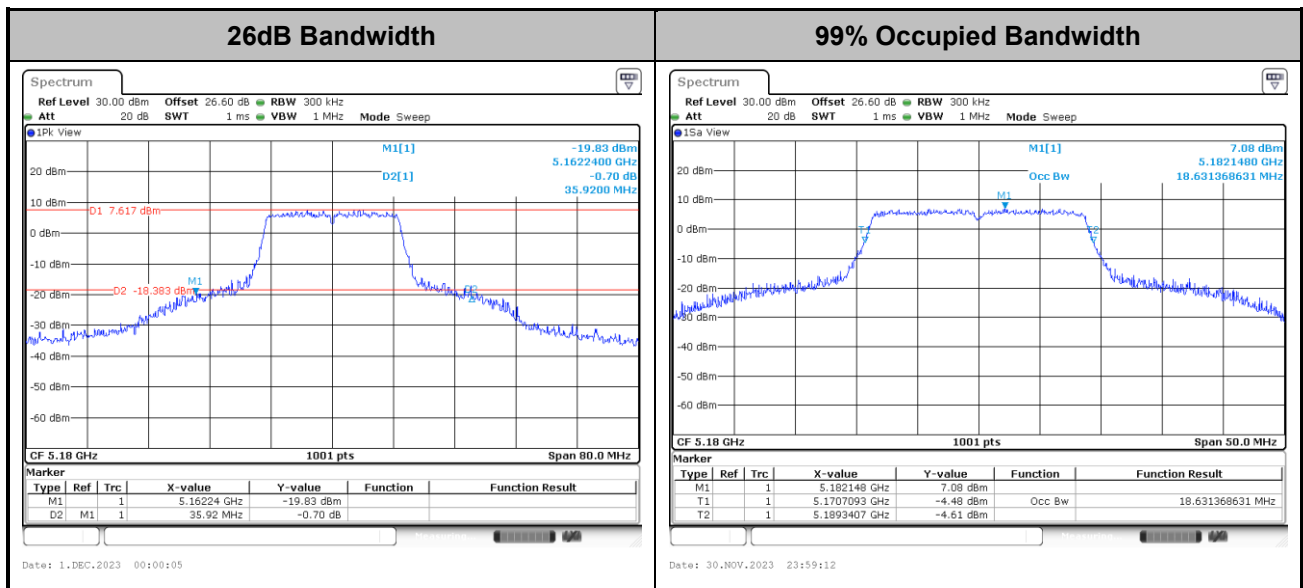


<802.11an HT40>

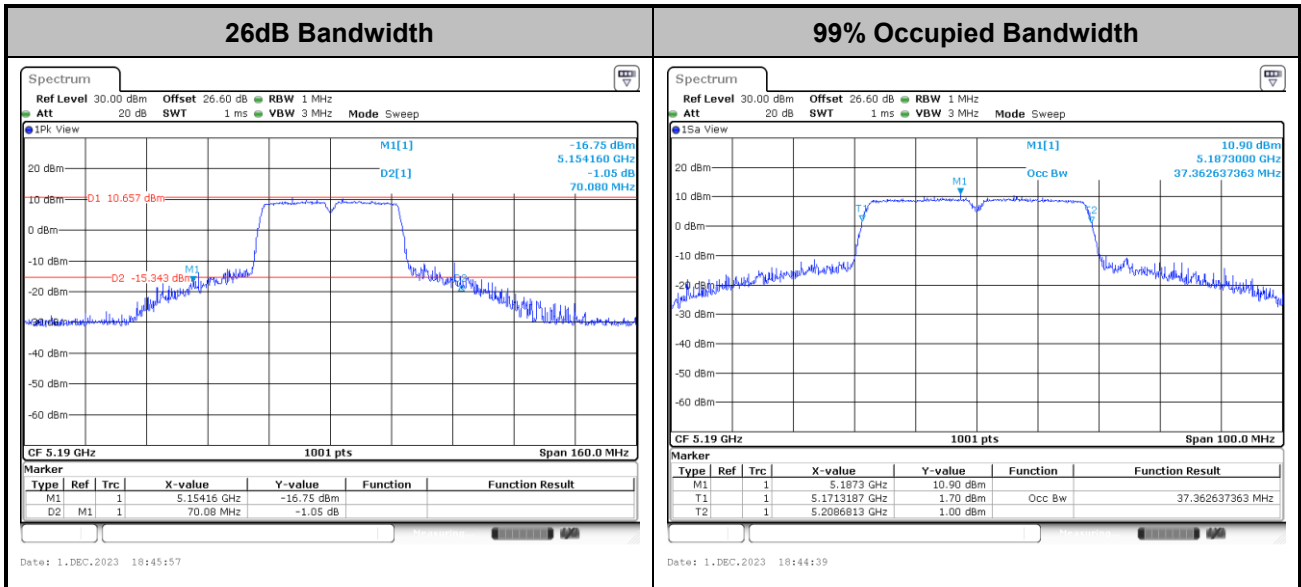


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

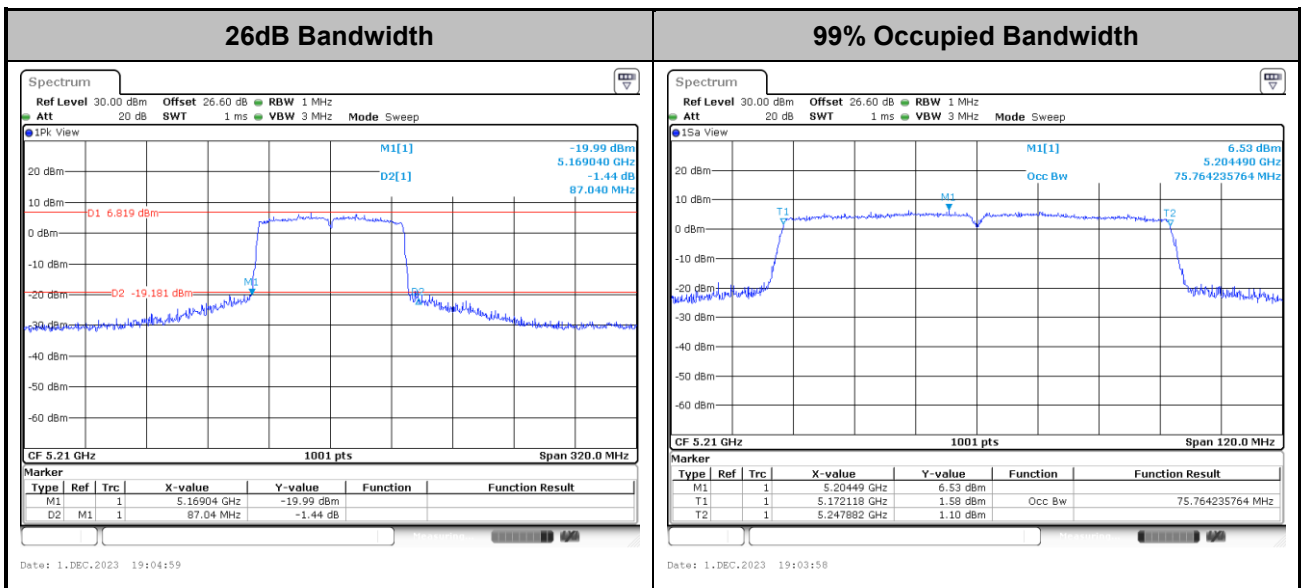
<802.11ac VHT20>



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

**<802.11ac VHT40>**

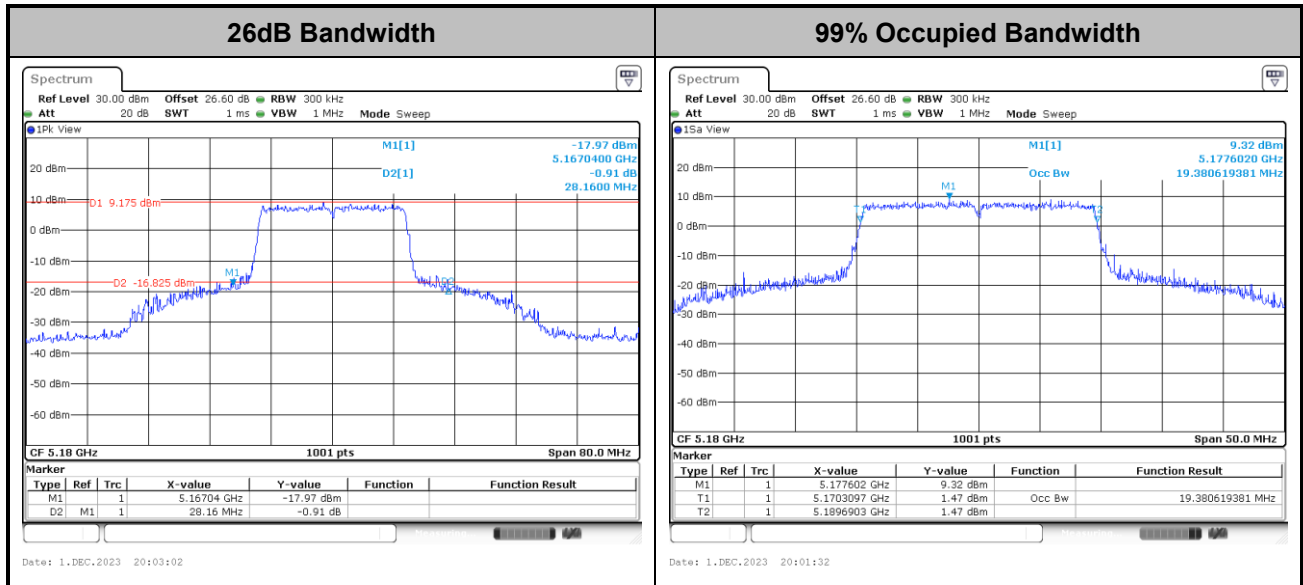
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

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

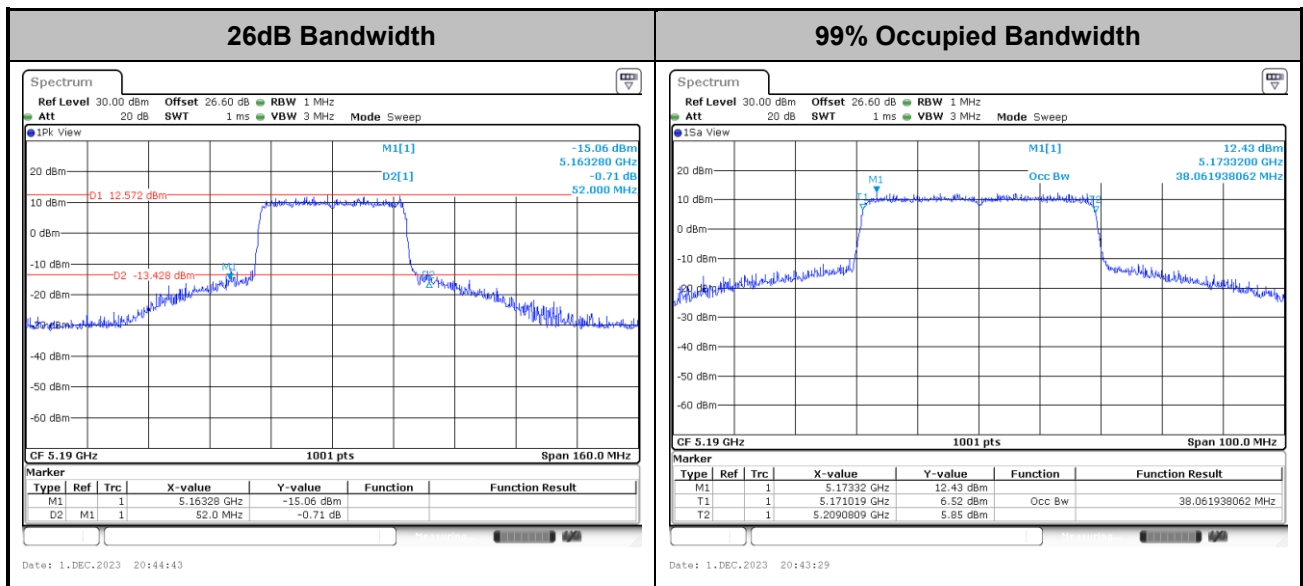


<802.11ax HE20>



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

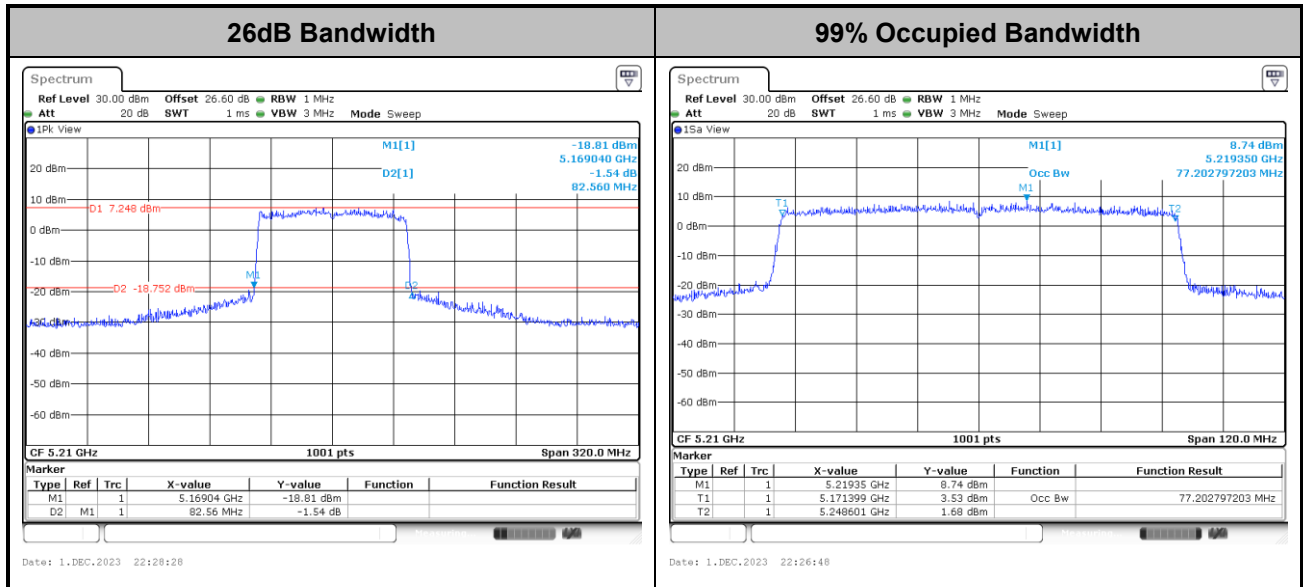
<802.11ax HE40>



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



<802.11ax HE80>

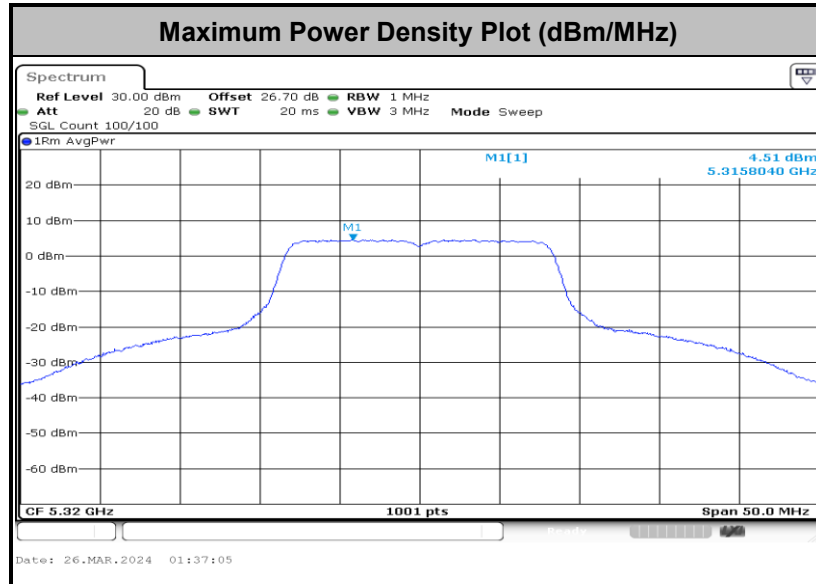


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

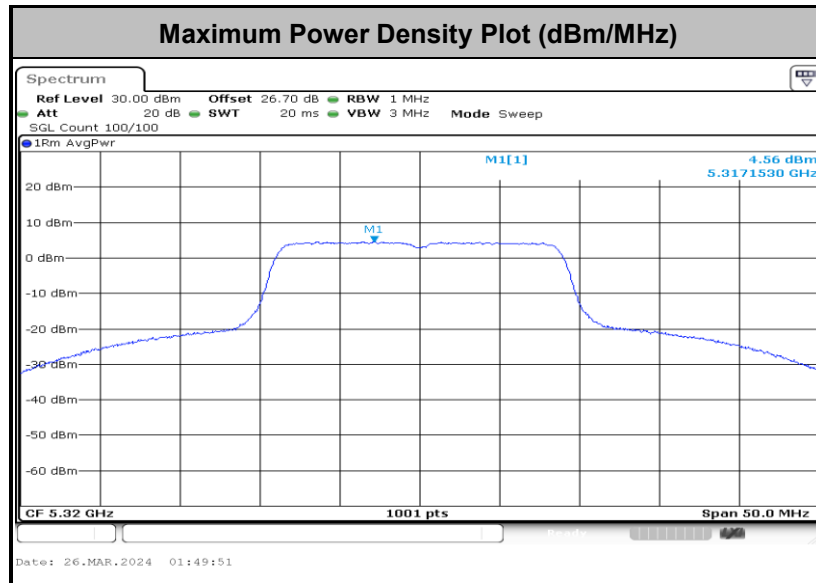


Test Result of Power Spectral Density

<802.11a>

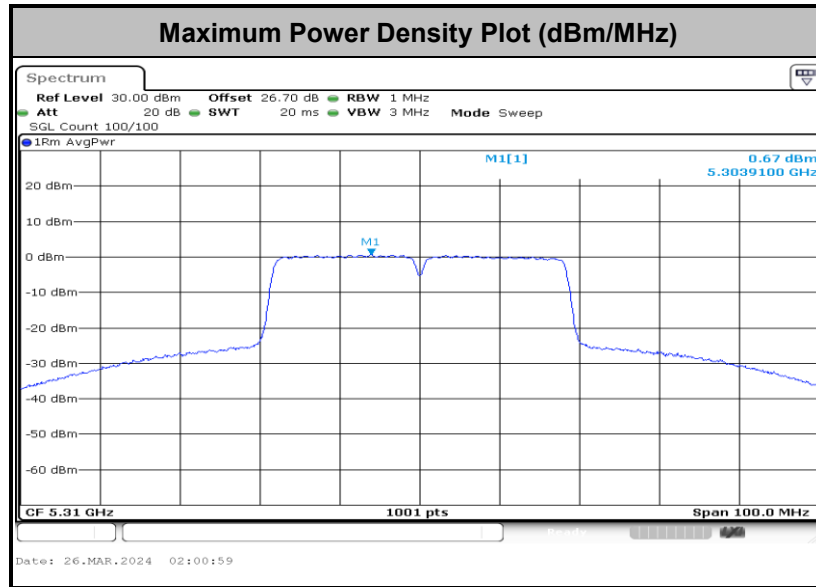


<802.11n HT20>

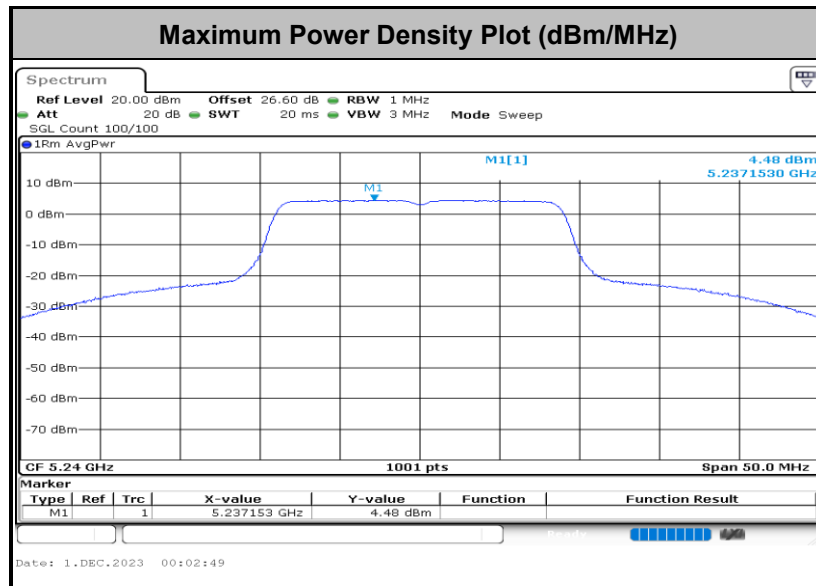




<802.11n HT40>

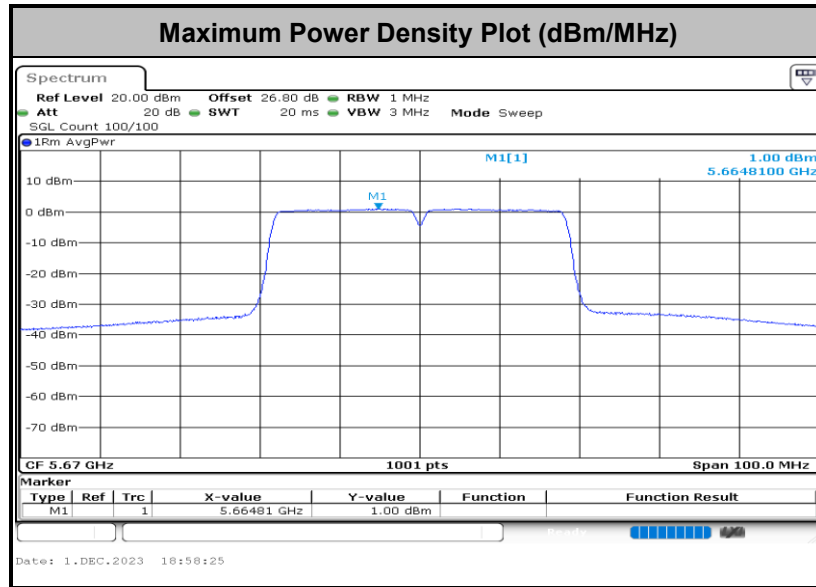


<802.11ac VHT20>

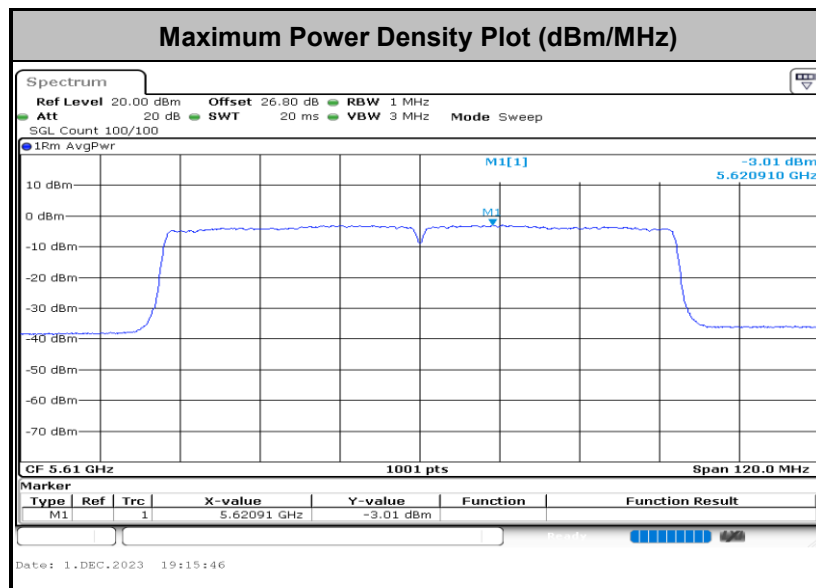




<802.11ac VHT40>

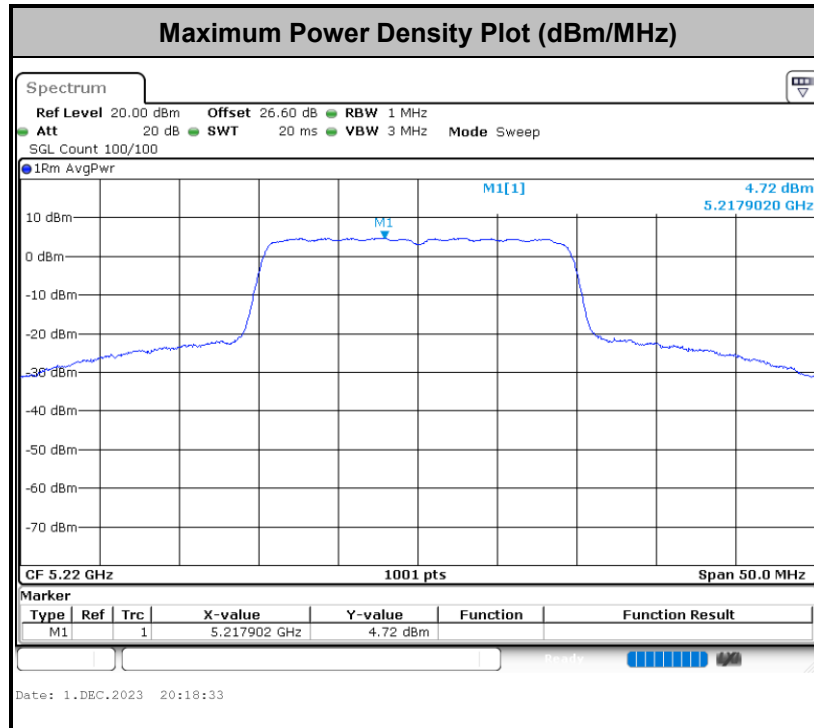


<802.11ac VHT80>

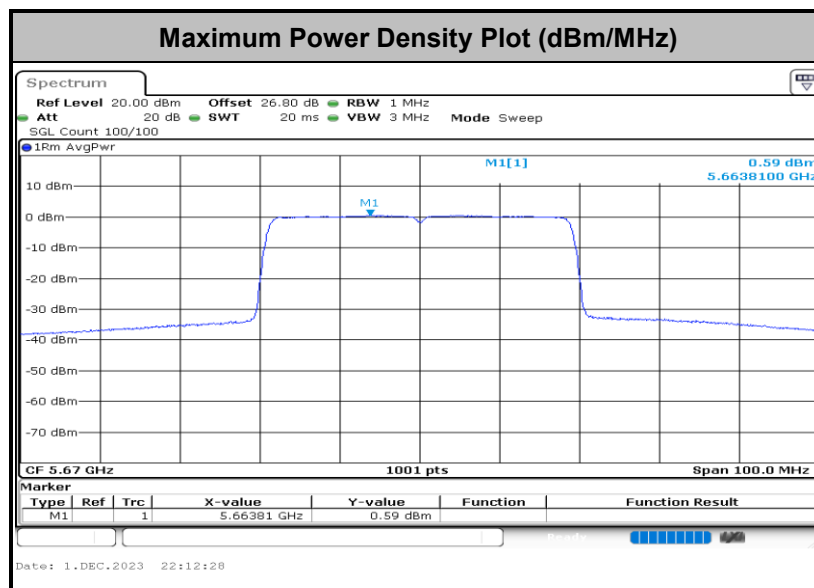




<802.11ax HE20>

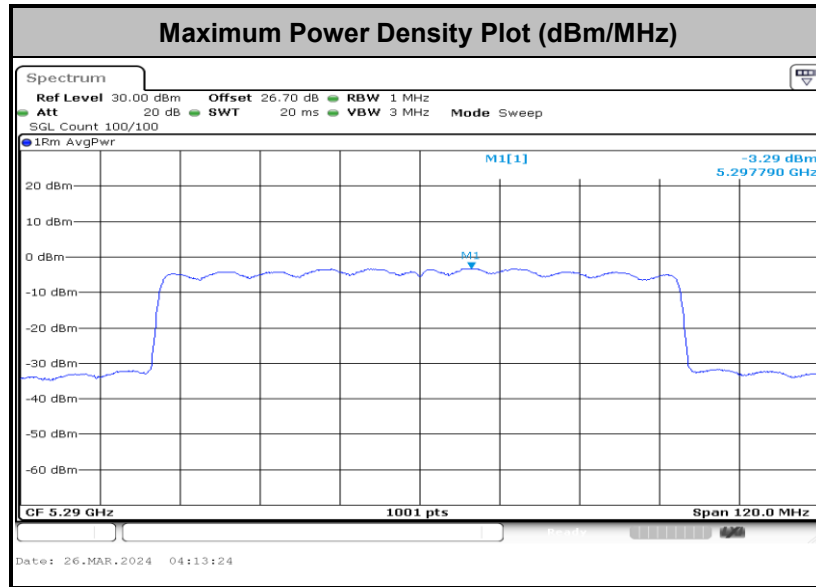


<802.11ax HE40>





<802.11ax HE80>





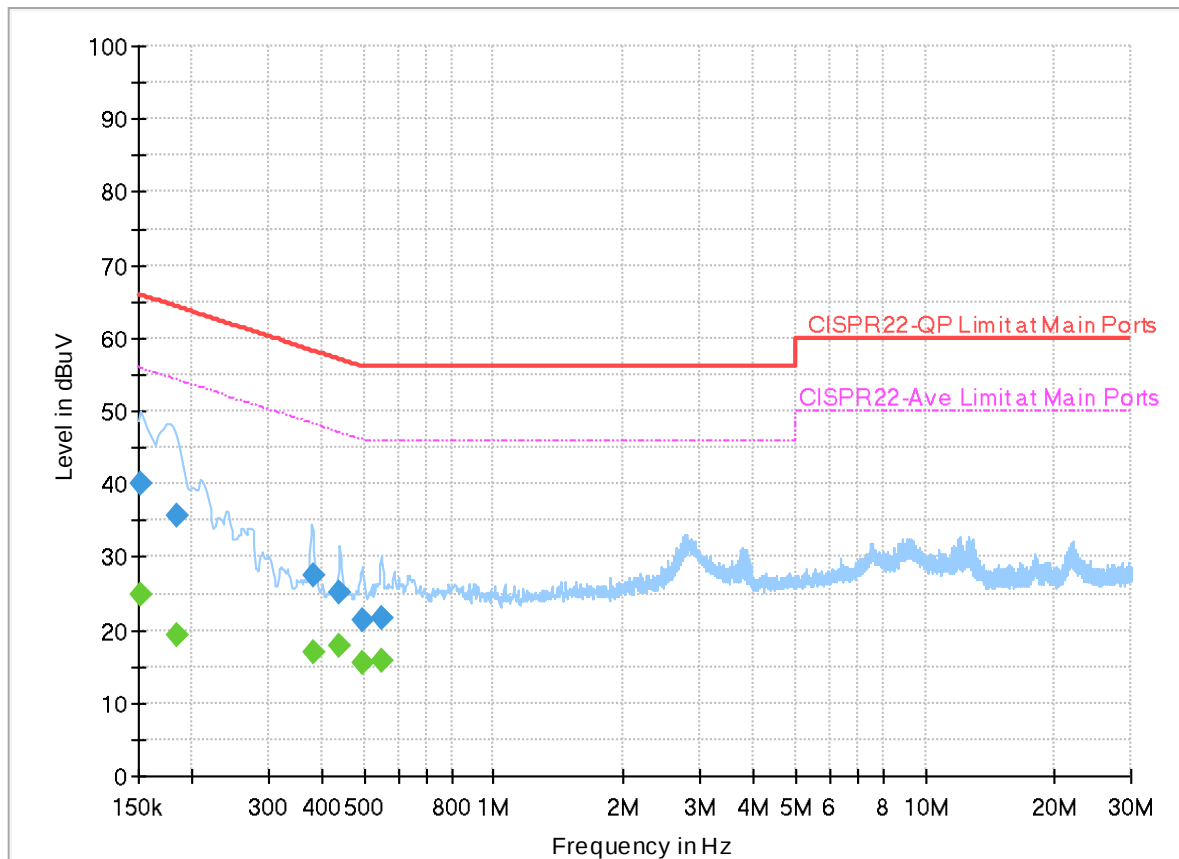
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	20.5~21.7°C
		Relative Humidity :	41.2~46.4%

EUT Information

Report NO : 420106
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



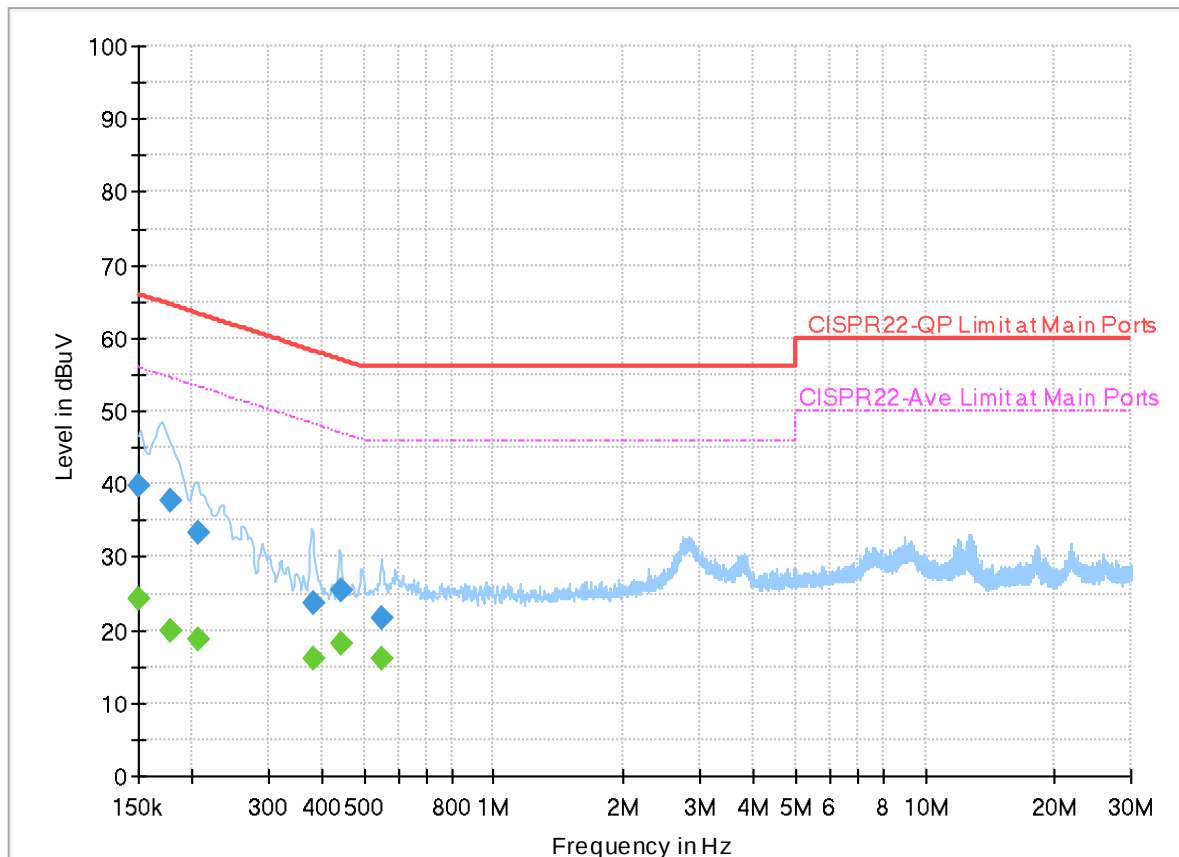
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.151755	---	25.00	55.90	30.90	L1	OFF	19.9
0.151755	40.14	---	65.90	25.76	L1	OFF	19.9
0.183750	---	19.19	54.31	35.12	L1	OFF	19.9
0.183750	35.64	---	64.31	28.67	L1	OFF	19.9
0.379680	---	16.90	48.29	31.39	L1	OFF	19.9
0.379680	27.52	---	58.29	30.77	L1	OFF	19.9
0.440070	---	17.87	47.06	29.19	L1	OFF	19.9
0.440070	25.27	---	57.06	31.79	L1	OFF	19.9
0.496050	---	15.46	46.07	30.61	L1	OFF	19.9
0.496050	21.38	---	56.07	34.69	L1	OFF	19.9
0.547440	---	15.76	46.00	30.24	L1	OFF	19.9
0.547440	21.63	---	56.00	34.37	L1	OFF	19.9

EUT Information

Report NO : 420106
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	24.17	56.00	31.83	N	OFF	19.9
0.150000	39.79	---	66.00	26.21	N	OFF	19.9
0.177000	---	19.81	54.63	34.82	N	OFF	19.9
0.177000	37.82	---	64.63	26.81	N	OFF	19.9
0.207240	---	18.73	53.32	34.59	N	OFF	19.9
0.207240	33.41	---	63.32	29.91	N	OFF	19.9
0.383640	---	16.17	48.20	32.03	N	OFF	19.9
0.383640	23.80	---	58.20	34.40	N	OFF	19.9
0.440880	---	18.09	47.05	28.96	N	OFF	19.9
0.440880	25.46	---	57.05	31.59	N	OFF	19.9
0.552120	---	16.12	46.00	29.88	N	OFF	19.9
0.552120	21.67	---	56.00	34.33	N	OFF	19.9



Appendix C. Radiated Spurious Emission

Test Engineer :	Bill Chang, Gary Guo and Steven Wu	Temperature :	18.2~20.2°C
		Relative Humidity :	54.2~56.1%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.94	59.82	-14.18	74	44.86	33	11.35	29.39	290	199	P	H
		5149.76	49.67	-4.33	54	34.71	33	11.35	29.39	290	199	A	H
	*	5180	104.4	-	-	89.41	33	11.38	29.39	290	199	P	H
	*	5180	97.5	-	-	82.51	33	11.38	29.39	290	199	A	H
													H
													H
		5148.2	57.5	-16.5	74	42.54	33	11.35	29.39	104	224	P	V
		5150	47.95	-6.05	54	32.99	33	11.35	29.39	104	224	A	V
	*	5180	101.75	-	-	86.76	33	11.38	29.39	104	224	P	V
	*	5180	94.52	-	-	79.53	33	11.38	29.39	104	224	A	V
													V
													V
802.11a CH 44 5220MHz		5138.84	55.37	-18.63	74	40.42	33	11.34	29.39	280	200	P	H
		5146.38	46.31	-7.69	54	31.36	33	11.34	29.39	280	200	A	H
	*	5220	106.54	-	-	91.55	32.96	11.41	29.38	280	200	P	H
	*	5220	99.41	-	-	84.42	32.96	11.41	29.38	280	200	A	H
		5449.92	55.98	-18.02	74	40.82	32.9	11.62	29.36	280	200	P	H
		5451.04	45.28	-8.72	54	30.12	32.9	11.62	29.36	280	200	A	H
		5093.86	55.95	-18.05	74	41.04	33.02	11.29	29.4	101	230	P	V
		5147.42	46.21	-7.79	54	31.26	33	11.34	29.39	101	230	A	V
	*	5220	103.57	-	-	88.58	32.96	11.41	29.38	101	230	P	V
	*	5220	96.15	-	-	81.16	32.96	11.41	29.38	101	230	A	V
		5435.64	55.15	-18.85	74	40.01	32.9	11.6	29.36	101	230	P	V
		5456.36	45.31	-8.69	54	30.14	32.9	11.63	29.36	101	230	A	V



802.11a CH 48 5240MHz		5048.1	55.38	-18.62	74	40.34	33.2	11.24	29.4	299	202	P	H
		5029.12	46.13	-7.87	54	31.12	33.2	11.22	29.41	299	202	A	H
	*	5240	107.12	-	-	92.15	32.92	11.43	29.38	299	202	P	H
	*	5240	99.61	-	-	84.64	32.92	11.43	29.38	299	202	A	H
		5450.48	55.28	-18.72	74	40.12	32.9	11.62	29.36	299	202	P	H
		5453.28	45.21	-8.79	54	30.05	32.9	11.62	29.36	299	202	A	H
		5050.44	57.63	-16.37	74	42.59	33.2	11.24	29.4	100	224	P	V
		5031.2	46.22	-7.78	54	31.21	33.2	11.22	29.41	100	224	A	V
	*	5240	103.65	-	-	88.68	32.92	11.43	29.38	100	224	P	V
	*	5240	96.92	-	-	81.95	32.92	11.43	29.38	100	224	A	V
		5448.8	54.33	-19.67	74	39.17	32.9	11.62	29.36	100	224	P	V
		5447.12	45.27	-8.73	54	30.12	32.9	11.61	29.36	100	224	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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	46.23	-21.97	68.2	57.32	38.88	16.56	66.53	-	-	P	H
		15540	47.77	-26.23	74	55.35	38.4	20.36	66.34	-	-	P	H
													H
													H
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													H
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													H
													H
													H
		10360	47.36	-20.84	68.2	58.45	38.88	16.56	66.53	-	-	P	V
		15540	47.41	-26.59	74	54.99	38.4	20.36	66.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	47.22	-20.98	68.2	58.34	38.72	16.63	66.47	-	-	P	H
		15660	47.85	-26.15	74	56.02	37.8	20.42	66.39	-	-	P	H
													H
													H
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													H
													H
													H
													H
													H
		10440	47.03	-21.17	68.2	58.15	38.72	16.63	66.47	-	-	P	V
		15660	47.76	-26.24	74	55.93	37.8	20.42	66.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5147.68	61.04	-12.96	74	46.08	33	11.35	29.39	263	207	P	H
		5150	51.01	-2.99	54	36.05	33	11.35	29.39	263	207	A	H
	*	5180	103.95	-	-	88.96	33	11.38	29.39	263	207	P	H
	*	5180	96.67	-	-	81.68	33	11.38	29.39	263	207	A	H
													H
													H
		5148.98	57.62	-16.38	74	42.66	33	11.35	29.39	100	222	P	V
		5150	48.91	-5.09	54	33.95	33	11.35	29.39	100	222	A	V
	*	5180	100.43	-	-	85.44	33	11.38	29.39	100	222	P	V
	*	5180	93.76	-	-	78.77	33	11.38	29.39	100	222	A	V
													V
													V
802.11n HT20 CH 48 5240MHz		5076.44	55.53	-18.47	74	40.57	33.09	11.27	29.4	297	211	P	H
		5051.22	46.2	-7.8	54	31.16	33.2	11.24	29.4	297	211	A	H
	*	5240	106.45	-	-	91.48	32.92	11.43	29.38	297	211	P	H
	*	5240	99.28	-	-	84.31	32.92	11.43	29.38	297	211	A	H
		5364.24	55.12	-18.88	74	40.08	32.9	11.51	29.37	297	211	P	H
		5457.2	45.24	-8.76	54	30.07	32.9	11.63	29.36	297	211	A	H
		5083.72	54.72	-19.28	74	39.77	33.07	11.28	29.4	100	224	P	V
		5133.12	46.1	-7.9	54	31.16	33	11.33	29.39	100	224	A	V
	*	5240	103.34	-	-	88.37	32.92	11.43	29.38	100	224	P	V
	*	5240	96.72	-	-	81.75	32.92	11.43	29.38	100	224	A	V
		5356.12	53.94	-20.06	74	38.9	32.9	11.51	29.37	100	224	P	V
		5456.36	45.46	-8.54	54	30.29	32.9	11.63	29.36	100	224	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 48 5240MHz		10476	46.13	-22.07	68.2	57.21	38.7	16.66	66.44	-	-	P	H
		15720	47.5	-26.5	74	55.54	37.92	20.46	66.42	-	-	P	H
													H
													H
													H
													H
													H
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													H
													H
		10476	48.37	-19.83	68.2	59.45	38.7	16.66	66.44	-	-	P	V
		15720	47.98	-26.02	74	56.02	37.92	20.46	66.42	-	-	P	V
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 VHT20 CH 36 5180MHz		5150	61.32	-12.68	74	46.36	33	11.35	29.39	275	209	P	H
		5150	51.29	-2.71	54	36.33	33	11.35	29.39	275	209	A	H
	*	5180	104.32	-	-	89.33	33	11.38	29.39	275	209	P	H
	*	5180	97.13	-	-	82.14	33	11.38	29.39	275	209	A	H
													H
													H
		5146.9	60.8	-13.2	74	45.85	33	11.34	29.39	100	224	P	V
		5150	49.9	-4.1	54	34.94	33	11.35	29.39	100	224	A	V
	*	5180	101.26	-	-	86.27	33	11.38	29.39	100	224	P	V
	*	5180	94.25	-	-	79.26	33	11.38	29.39	100	224	A	V
													V
													V
802.11ac VHT20 CH 48 5240MHz		5058.5	55.84	-18.16	74	40.82	33.17	11.25	29.4	283	205	P	H
		5057.98	46.24	-7.76	54	31.22	33.17	11.25	29.4	283	205	A	H
	*	5240	106.09	-	-	91.12	32.92	11.43	29.38	283	205	P	H
	*	5240	99.53	-	-	84.56	32.92	11.43	29.38	283	205	A	H
		5419.68	54.55	-19.45	74	39.44	32.9	11.57	29.36	283	205	P	H
		5458.04	45.44	-8.56	54	30.27	32.9	11.63	29.36	283	205	A	H
		5040.04	55.59	-18.41	74	40.57	33.2	11.23	29.41	100	235	P	V
		5071.5	46.24	-7.76	54	31.26	33.11	11.27	29.4	100	235	A	V
	*	5240	103.9	-	-	88.93	32.92	11.43	29.38	100	235	P	V
	*	5240	97	-	-	82.03	32.92	11.43	29.38	100	235	A	V
		5400.64	53.51	-20.49	74	38.43	32.9	11.54	29.36	100	235	P	V
		5452.16	45.26	-8.74	54	30.1	32.9	11.62	29.36	100	235	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 VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 VHT20 CH 48 5240MHz		10480	47.22	-20.98	68.2	58.3	38.7	16.66	66.44	-	-	P	H
		15720	47.3	-26.7	74	55.34	37.92	20.46	66.42	-	-	P	H
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		10480	46.22	-21.98	68.2	57.3	38.7	16.66	66.44	-	-	P	V
		15720	48.31	-25.69	74	56.35	37.92	20.46	66.42	100	302	P	V
		15720	39.38	-14.62	54	47.42	37.92	20.46	66.42	100	302	A	V
													V
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Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5149.5	65.39	-8.61	74	50.43	33	11.35	29.39	274	204	P	H
		5150	51.88	-2.12	54	36.92	33	11.35	29.39	274	204	A	H
	*	5190	100.55	-	-	85.55	33	11.39	29.39	274	204	P	H
	*	5190	93.1	-	-	78.1	33	11.39	29.39	274	204	A	H
		5377.12	54.48	-19.52	74	39.42	32.9	11.52	29.36	274	204	P	H
		5459.44	45.29	-8.71	54	30.11	32.9	11.63	29.35	274	204	A	H
		5148.46	60.43	-13.57	74	45.47	33	11.35	29.39	100	227	P	V
		5150	49.41	-4.59	54	34.45	33	11.35	29.39	100	227	A	V
	*	5190	96.98	-	-	81.98	33	11.39	29.39	100	227	P	V
	*	5190	89.92	-	-	74.92	33	11.39	29.39	100	227	A	V
		5355	54.37	-19.63	74	39.33	32.9	11.51	29.37	100	227	P	V
		5432.28	45.31	-8.69	54	30.18	32.9	11.59	29.36	100	227	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)

[illegible]

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5147.94	63.29	-10.71	74	48.33	33	11.35	29.39	100	118	P	H
		5149.24	51.71	-2.29	54	36.75	33	11.35	29.39	100	118	A	H
	*	5210	96.11	-	-	81.1	32.98	11.41	29.38	100	118	P	H
	*	5210	88.94	-	-	73.93	32.98	11.41	29.38	100	118	A	H
		5406.8	53.86	-20.14	74	38.77	32.9	11.55	29.36	100	118	P	H
		5350.8	45.41	-8.59	54	30.37	32.9	11.51	29.37	100	118	A	H
		5145.86	60.72	-13.28	74	45.77	33	11.34	29.39	101	218	P	V
		5149.76	50.03	-3.97	54	35.07	33	11.35	29.39	101	218	A	V
	*	5210	93.94	-	-	78.93	32.98	11.41	29.38	101	218	P	V
	*	5210	86.04	-	-	71.03	32.98	11.41	29.38	101	218	A	V
		5445.44	53.77	-20.23	74	38.62	32.9	11.61	29.36	101	218	P	V
		5457.2	44.98	-9.02	54	29.81	32.9	11.63	29.36	101	218	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)

[illegible]



Band 1 - 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 36 5180MHz		5144.04	61.14	-12.86	74	46.19	33	11.34	29.39	100	119	P	H
		5150	50.67	-3.33	54	35.71	33	11.35	29.39	100	119	A	H
	*	5180	102.69	-	-	87.7	33	11.38	29.39	100	119	P	H
	*	5180	95.73	-	-	80.74	33	11.38	29.39	100	119	A	H
													H
													H
		5147.16	58.74	-15.26	74	43.79	33	11.34	29.39	100	209	P	V
		5149.5	48.53	-5.47	54	33.57	33	11.35	29.39	100	209	A	V
	*	5180	100.88	-	-	85.89	33	11.38	29.39	100	209	P	V
	*	5180	92.82	-	-	77.83	33	11.38	29.39	100	209	A	V
													V
													V
802.11ax HE20 Full CH 44 5220MHz		5142.22	55.35	-18.65	74	40.4	33	11.34	29.39	106	120	P	H
		5147.16	46.11	-7.89	54	31.16	33	11.34	29.39	106	120	A	H
	*	5220	104.18	-	-	89.19	32.96	11.41	29.38	106	120	P	H
	*	5220	97.39	-	-	82.4	32.96	11.41	29.38	106	120	A	H
		5421.92	53.97	-20.03	74	38.86	32.9	11.57	29.36	106	120	P	H
		5450.2	45	-9	54	29.84	32.9	11.62	29.36	106	120	A	H
		5040.3	56.08	-17.92	74	41.06	33.2	11.23	29.41	124	216	P	V
		5048.36	45.72	-8.28	54	30.68	33.2	11.24	29.4	124	216	A	V
	*	5220	102.11	-	-	87.12	32.96	11.41	29.38	124	216	P	V
	*	5220	95.03	-	-	80.04	32.96	11.41	29.38	124	216	A	V
		5451.04	54.3	-19.7	74	39.14	32.9	11.62	29.36	124	216	P	V
		5456.08	45	-9	54	29.83	32.9	11.63	29.36	124	216	A	V



802.11ax HE20 Full CH 48 5240MHz		5027.82	55.44	-18.56	74	40.43	33.2	11.22	29.41	100	120	P	H
		5148.2	45.92	-8.08	54	30.96	33	11.35	29.39	100	120	A	H
	*	5240	106.89	-	-	91.92	32.92	11.43	29.38	100	120	P	H
	*	5240	98.57	-	-	83.6	32.92	11.43	29.38	100	120	A	H
		5432.28	54.55	-19.45	74	39.42	32.9	11.59	29.36	100	120	P	H
		5459.16	44.94	-9.06	54	29.76	32.9	11.63	29.35	100	120	A	H
		5114.4	55.55	-18.45	74	40.64	33	11.31	29.4	100	233	P	V
		5042.64	45.67	-8.33	54	30.64	33.2	11.23	29.4	100	233	A	V
	*	5240	102.82	-	-	87.85	32.92	11.43	29.38	100	233	P	V
	*	5240	94.97	-	-	80	32.92	11.43	29.38	100	233	A	V
		5381.88	54.59	-19.41	74	39.52	32.9	11.53	29.36	100	233	P	V
		5460	44.9	-9.1	54	29.72	32.9	11.63	29.35	100	233	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)

[illegible]



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 44 5220MHz		10443	46.79	-21.41	68.2	57.92	38.71	16.63	66.47	-	-	P	H
		15660	47.38	-26.62	74	55.55	37.8	20.42	66.39	-	-	P	H
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		10443	46.74	-21.46	68.2	57.87	38.71	16.63	66.47	-	-	P	V
		15660	47.26	-26.74	74	55.43	37.8	20.42	66.39	-	-	P	V
													V
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WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 48 5240MHz		10476	48.09	-20.11	68.2	59.17	38.7	16.66	66.44	-	-	P	H
		15720	48.81	-25.19	74	56.85	37.92	20.46	66.42	301	351	P	H
		15720	39.51	-14.49	54	47.55	37.92	20.46	66.42	301	351	A	H
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Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5124.28	56	-18	74	41.08	33	11.32	29.4	100	119	P	H
		5035.36	46.17	-7.83	54	31.15	33.2	11.23	29.41	100	119	P	H
	*	5180	99.75	-	-	84.76	33	11.38	29.39	100	119	P	H
	*	5180	95.13	-	-	80.14	33	11.38	29.39	100	119	A	H
													H
													H
		5038.48	56	-18	74	40.98	33.2	11.23	29.41	104	218	P	V
		5036.66	46.08	-7.92	54	31.06	33.2	11.23	29.41	104	218	A	V
	*	5180	98.21	-	-	83.22	33	11.38	29.39	104	218	P	V
	*	5180	92.41	-	-	77.42	33	11.38	29.39	104	218	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		10360	46.38	-21.82	68.2	57.47	38.88	16.56	66.53	-	-	P	H
		15540	46.96	-27.04	74	54.54	38.4	20.36	66.34	-	-	P	H
													H
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		10360	46.8	-21.4	68.2	57.89	38.88	16.56	66.53	-	-	P	V
		15540	47.88	-26.12	74	55.46	38.4	20.36	66.34	-	-	P	V
													V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												


Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5079.3	56.32	-17.68	74	41.37	33.08	11.27	29.4	103	119	P	H
		5046.8	45.99	-8.01	54	30.95	33.2	11.24	29.4	103	119	A	H
	*	5180	102.19	-	-	87.2	33	11.38	29.39	103	119	P	H
	*	5180	95.32	-	-	80.33	33	11.38	29.39	103	119	A	H
													H
													H
		5027.82	56.91	-17.09	74	41.9	33.2	11.22	29.41	103	217	P	V
		5020.02	45.98	-8.02	54	30.98	33.2	11.21	29.41	103	217	A	V
	*	5180	100.99	-	-	86	33	11.38	29.39	103	217	P	V
	*	5180	92.64	-	-	77.65	33	11.38	29.39	103	217	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 106/53 CH 36 5180MHz		5075.66	56.55	-17.45	74	41.58	33.1	11.27	29.4	106	121	P	H
		5049.4	46.07	-7.93	54	31.03	33.2	11.24	29.4	106	121	A	H
	*	5180	101.49	-	-	86.5	33	11.38	29.39	106	121	P	H
	*	5180	95.09	-	-	80.1	33	11.38	29.39	106	121	A	H
													H
													H
		5022.36	56.53	-17.47	74	41.53	33.2	11.21	29.41	114	218	P	V
		5093.08	46.05	-7.95	54	31.13	33.03	11.29	29.4	114	218	A	V
	*	5180	99.04	-	-	84.05	33	11.38	29.39	114	218	P	V
	*	5180	92.59	-	-	77.6	33	11.38	29.39	114	218	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 38 5190MHz		5149.76	61.82	-12.18	74	46.86	33	11.35	29.39	100	121	P	H
		5150	51.47	-2.53	54	36.51	33	11.35	29.39	100	121	A	H
	*	5190	99.31	-	-	84.31	33	11.39	29.39	100	121	P	H
	*	5190	92.15	-	-	77.15	33	11.39	29.39	100	121	A	H
		5377.96	53.52	-20.48	74	38.46	32.9	11.52	29.36	100	121	P	H
		5454.4	45.43	-8.57	54	30.27	32.9	11.62	29.36	100	121	A	H
		5146.38	57.8	-16.2	74	42.85	33	11.34	29.39	100	216	P	V
		5150	48.69	-5.31	54	33.73	33	11.35	29.39	100	216	A	V
	*	5190	96.94	-	-	81.94	33	11.39	29.39	100	216	P	V
	*	5190	88.76	-	-	73.76	33	11.39	29.39	100	216	A	V
		5452.44	54.88	-19.12	74	39.72	32.9	11.62	29.36	100	216	P	V
		5447.96	45.57	-8.43	54	30.42	32.9	11.61	29.36	100	216	A	V
802.11ax HE40 Full CH 46 5230MHz		5149.76	56.72	-17.28	74	41.76	33	11.35	29.39	100	120	P	H
		5148.2	46.82	-7.18	54	31.86	33	11.35	29.39	100	120	A	H
	*	5230	102.31	-	-	87.33	32.94	11.42	29.38	100	120	P	H
	*	5230	94.44	-	-	79.46	32.94	11.42	29.38	100	120	A	H
		5356.68	54.33	-19.67	74	39.29	32.9	11.51	29.37	100	120	P	H
		5452.44	45.56	-8.44	54	30.4	32.9	11.62	29.36	100	120	A	H
		5120.38	56.43	-17.57	74	41.51	33	11.32	29.4	100	213	P	V
		5148.2	46.51	-7.49	54	31.55	33	11.35	29.39	100	213	A	V
	*	5230	98.41	-	-	83.43	32.94	11.42	29.38	100	213	P	V
	*	5230	91.36	-	-	76.38	32.94	11.42	29.38	100	213	A	V
		5438.72	55.82	-18.18	74	40.68	32.9	11.6	29.36	100	213	P	V
		5457.76	45.41	-8.59	54	30.24	32.9	11.63	29.36	100	213	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]


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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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	64.3	-9.7	74	49.34	33	11.35	29.39	100	119	P	H
		5149.5	51.92	-2.08	54	36.96	33	11.35	29.39	100	119	A	H
	*	5210	97.95	-	-	82.94	32.98	11.41	29.38	100	119	P	H
	*	5210	89.04	-	-	74.03	32.98	11.41	29.38	100	119	A	H
		5354.72	55.55	-18.45	74	40.51	32.9	11.51	29.37	100	119	P	H
		5350.8	45.83	-8.17	54	30.79	32.9	11.51	29.37	100	119	A	H
		5142.74	60.67	-13.33	74	45.72	33	11.34	29.39	100	208	P	V
		5148.72	49.64	-4.36	54	34.68	33	11.35	29.39	100	208	A	V
	*	5210	94.73	-	-	79.72	32.98	11.41	29.38	100	208	P	V
	*	5210	85.86	-	-	70.85	32.98	11.41	29.38	100	208	A	V
		5433.4	55.24	-18.76	74	40.11	32.9	11.59	29.36	100	208	P	V
		5450.48	45.47	-8.53	54	30.31	32.9	11.62	29.36	100	208	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)

[illegible]



Band 1 5150~5250MHz

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5147.9	55.19	-18.81	74	40.23	33	11.35	29.39	100	119	P	H
		5056.1	46.27	-7.73	54	31.24	33.18	11.25	29.4	100	119	A	H
	*	5260	105.16	-	-	90.18	32.92	11.44	29.38	100	119	P	H
	*	5260	97.7	-	-	82.72	32.92	11.44	29.38	100	119	A	H
		5446.8	53.39	-20.61	74	38.24	32.9	11.61	29.36	100	119	P	H
		5457.6	45.25	-8.75	54	30.08	32.9	11.63	29.36	100	119	A	H
		5147.22	55.63	-18.37	74	40.68	33	11.34	29.39	127	213	P	V
		5051.68	46.12	-7.88	54	31.09	33.19	11.24	29.4	127	213	A	V
	*	5260	101.39	-	-	86.41	32.92	11.44	29.38	127	213	P	V
	*	5260	94.22	-	-	79.24	32.92	11.44	29.38	127	213	A	V
		5458.08	53.52	-20.48	74	38.35	32.9	11.63	29.36	127	213	P	V
		5456.64	45.13	-8.87	54	29.96	32.9	11.63	29.36	127	213	A	V
802.11a CH 60 5300MHz		5064.26	55.18	-18.82	74	40.18	33.14	11.26	29.4	100	121	P	H
		5039.44	46.15	-7.85	54	31.13	33.2	11.23	29.41	100	121	A	H
	*	5300	104.88	-	-	89.78	33	11.47	29.37	100	121	P	H
	*	5300	97.18	-	-	82.08	33	11.47	29.37	100	121	A	H
		5350.56	54.7	-19.3	74	39.66	32.9	11.51	29.37	100	121	P	H
		5351.04	46.56	-7.44	54	31.52	32.9	11.51	29.37	100	121	A	H
		5103.7	57.06	-16.94	74	42.16	33	11.3	29.4	131	216	P	V
		5055.76	46.2	-7.8	54	31.17	33.18	11.25	29.4	131	216	A	V
	*	5300	101.07	-	-	85.97	33	11.47	29.37	131	216	P	V
	*	5300	93.75	-	-	78.65	33	11.47	29.37	131	216	A	V
		5391.36	54.07	-19.93	74	39	32.9	11.53	29.36	131	216	P	V
		5350.08	45.43	-8.57	54	30.39	32.9	11.51	29.37	131	216	A	V



802.11a CH 64 5320MHz	*	5320	104.83	-	-	89.76	32.96	11.48	29.37	275	209	P	H
	*	5320	97.52	-	-	82.45	32.96	11.48	29.37	275	209	A	H
		5352	59.55	-14.45	74	44.51	32.9	11.51	29.37	275	209	P	H
		5350.4	48.52	-5.48	54	33.48	32.9	11.51	29.37	275	209	A	H
													H
													H
	*	5320	101.55	-	-	86.48	32.96	11.48	29.37	100	230	P	V
	*	5320	93.96	-	-	78.89	32.96	11.48	29.37	100	230	A	V
		5354.56	54.78	-19.22	74	39.74	32.9	11.51	29.37	100	230	P	V
		5350.88	46.83	-7.17	54	31.79	32.9	11.51	29.37	100	230	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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	47.02	-21.18	68.2	57.97	38.74	16.7	66.39	-	-	P	H
		15780	49.71	-24.29	74	57.63	38.04	20.49	66.45	100	331	P	H
		15780	40.11	-13.89	54	48.03	38.04	20.49	66.45	100	331	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	47.24	-20.96	68.2	58.19	38.74	16.7	66.39	-	-	P	V
		15780	50.3	-23.7	74	58.22	38.04	20.49	66.45	199	301	P	V
		15780	40.64	-13.36	54	48.56	38.04	20.49	66.45	199	301	A	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
i802.11a CH 60 5300MHz		10600	47.75	-26.25	74	58.24	39	16.77	66.26	-	-	P	H
		15900	47.26	-26.74	74	55.31	37.9	20.55	66.5	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	47.29	-26.71	74	57.78	39	16.77	66.26	-	-	P	V
		15900	47.47	-26.53	74	55.52	37.9	20.55	66.5	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]

**Band 2 5250~5350MHz****WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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	103.73	-	-	88.66	32.96	11.48	29.37	100	121	P	H
	*	5320	96.38	-	-	81.31	32.96	11.48	29.37	100	121	A	H
		5350.56	62.24	-11.76	74	47.2	32.9	11.51	29.37	100	121	P	H
		5351.52	49.49	-4.51	54	34.45	32.9	11.51	29.37	100	121	P	H
													H
													H
	*	5320	98.73	-	-	83.66	32.96	11.48	29.37	202	207	P	V
	*	5320	91.52	-	-	76.45	32.96	11.48	29.37	202	207	A	V
		5350.4	57.99	-16.01	74	42.95	32.9	11.51	29.37	202	207	P	V
		5350.24	46.65	-7.35	54	31.61	32.9	11.51	29.37	202	207	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 52 5260MHz		10520	47.42	-20.78	68.2	58.37	38.74	16.7	66.39	-	-	P	H
		15780	49.13	-24.87	74	57.05	38.04	20.49	66.45	317	326	P	H
		15780	40.16	-13.84	54	48.08	38.04	20.49	66.45	317	326	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	47.1	-21.1	68.2	58.05	38.74	16.7	66.39	-	-	P	V
		15780	50.64	-23.36	74	58.56	38.04	20.49	66.45	100	325	P	V
		15780	39.97	-14.03	54	47.89	38.04	20.49	66.45	100	325	A	V
													V
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													V
													V
													V


Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 VHT20 CH 64 5320MHz	*	5320	103.5	-	-	88.43	32.96	11.48	29.37	100	119	P	H
	*	5320	96.33	-	-	81.26	32.96	11.48	29.37	100	119	A	H
		5352.48	61.4	-12.6	74	46.36	32.9	11.51	29.37	100	119	P	H
		5350.08	49.51	-4.49	54	34.47	32.9	11.51	29.37	100	119	A	H
													H
													H
	*	5320	99.17	-	-	84.1	32.96	11.48	29.37	280	214	P	V
	*	5320	91.96	-	-	76.89	32.96	11.48	29.37	280	214	A	V
		5350.24	56.87	-17.13	74	41.83	32.9	11.51	29.37	280	214	P	V
		5350.24	46.83	-7.17	54	31.79	32.9	11.51	29.37	280	214	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 VHT20 CH 52 5260MHz		10520	49	-19.2	68.2	59.95	38.74	16.7	66.39	234	145	P	H
		15780	49.93	-24.07	74	57.85	38.04	20.49	66.45	100	315	P	H
		15780	40.09	-13.91	54	48.01	38.04	20.49	66.45	100	315	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	47.45	-20.75	68.2	58.4	38.74	16.7	66.39	-	-	P	V
		15780	50.06	-23.94	74	57.98	38.04	20.49	66.45	100	315	P	V
		15780	40.03	-13.97	54	47.95	38.04	20.49	66.45	100	315	A	V
													V
													V
													V
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													V



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5004.42	55.72	-18.28	74	40.74	33.2	11.19	29.41	100	119	P	H
		5061.88	46.15	-7.85	54	31.15	33.15	11.25	29.4	100	119	A	H
	*	5310	98.12	-	-	83.03	32.98	11.48	29.37	100	119	P	H
	*	5310	90.64	-	-	75.55	32.98	11.48	29.37	100	119	A	H
		5350.8	59.9	-14.1	74	44.86	32.9	11.51	29.37	100	119	P	H
		5351.04	51.21	-2.79	54	36.17	32.9	11.51	29.37	100	119	A	H
		5087.72	55.98	-18.02	74	41.05	33.05	11.28	29.4	264	217	P	V
		5062.9	46.33	-7.67	54	31.32	33.15	11.26	29.4	264	217	A	V
	*	5310	94	-	-	78.91	32.98	11.48	29.37	264	217	P	V
	*	5310	86.5	-	-	71.41	32.98	11.48	29.37	264	217	A	V
		5350.08	56.69	-17.31	74	41.65	32.9	11.51	29.37	264	217	P	V
		5350.8	47.98	-6.02	54	32.94	32.9	11.51	29.37	264	217	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ac VHT40 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 54 5270MHz		10540	47.4	-20.8	68.2	58.27	38.78	16.71	66.36	-	-	P	H
		15810	46.77	-27.23	74	54.75	37.98	20.5	66.46	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10540	47.03	-21.17	68.2	57.9	38.78	16.71	66.36	-	-	P	V
		15810	47.73	-26.27	74	55.71	37.98	20.5	66.46	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5144.5	55.51	-18.49	74	40.56	33	11.34	29.39	100	119	P	H
		5046.92	46.28	-7.72	54	31.24	33.2	11.24	29.4	100	119	A	H
	*	5290	95.19	-	-	80.13	32.98	11.46	29.38	100	119	P	H
	*	5290	87.08	-	-	72.02	32.98	11.46	29.38	100	119	P	H
		5354.88	60.13	-13.87	74	45.09	32.9	11.51	29.37	100	119	P	H
		5351.52	51.07	-2.93	54	36.03	32.9	11.51	29.37	100	119	A	H
		5130.22	56.37	-17.63	74	41.43	33	11.33	29.39	100	211	P	V
		5069.36	46.26	-7.74	54	31.28	33.12	11.26	29.4	100	211	A	V
	*	5290	91.6	-	-	76.54	32.98	11.46	29.38	100	211	P	V
	*	5290	83.58	-	-	68.52	32.98	11.46	29.38	100	211	A	V
		5350.56	55.91	-18.09	74	40.87	32.9	11.51	29.37	100	211	P	V
		5350.32	47.81	-6.19	54	32.77	32.9	11.51	29.37	100	211	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		10580	47.15	-21.05	68.2	57.78	38.92	16.75	66.3	-	-	P	H
		15870	47.89	-26.11	74	55.94	37.9	20.54	66.49	-	-	P	H
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													H
													H
		10580	46.86	-21.34	68.2	57.49	38.92	16.75	66.3	-	-	P	V
		15870	47.83	-26.17	74	55.88	37.9	20.54	66.49	-	-	P	V
													V
													V
													V
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													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 52 5260MHz		5052.7	56.72	-17.28	74	41.68	33.19	11.25	29.4	101	119	P	H
		5070.04	45.71	-8.29	54	30.73	33.12	11.26	29.4	101	119	A	H
	*	5260	103.47	-	-	88.49	32.92	11.44	29.38	101	119	P	H
	*	5260	95.94	-	-	80.96	32.92	11.44	29.38	101	119	A	H
		5380.56	55.53	-18.47	74	40.46	32.9	11.53	29.36	101	119	P	H
		5438.88	44.9	-9.1	54	29.76	32.9	11.6	29.36	101	119	A	H
		5075.14	55.44	-18.56	74	40.47	33.1	11.27	29.4	127	214	P	V
		5045.56	45.76	-8.24	54	30.72	33.2	11.24	29.4	127	214	A	V
	*	5260	100.42	-	-	85.44	32.92	11.44	29.38	127	214	P	V
	*	5260	92.67	-	-	77.69	32.92	11.44	29.38	127	214	A	V
		5370.72	53.31	-20.69	74	38.26	32.9	11.52	29.37	127	214	P	V
		5457.84	44.93	-9.07	54	29.76	32.9	11.63	29.36	127	214	A	V
802.11ax HE20 Full CH 60 5300MHz		5115.94	55.93	-18.07	74	41.02	33	11.31	29.4	100	120	P	H
		5048.62	45.75	-8.25	54	30.71	33.2	11.24	29.4	100	120	A	H
	*	5300	104.12	-	-	89.02	33	11.47	29.37	100	120	P	H
	*	5300	95.16	-	-	80.06	33	11.47	29.37	100	120	A	H
		5367.84	53.94	-20.06	74	38.89	32.9	11.52	29.37	100	120	P	H
		5351.76	45.18	-8.82	54	30.14	32.9	11.51	29.37	100	120	A	H
		5069.36	56.18	-17.82	74	41.2	33.12	11.26	29.4	131	215	P	V
		5041.14	45.8	-8.2	54	30.78	33.2	11.23	29.41	131	215	A	V
	*	5300	100.8	-	-	85.7	33	11.47	29.37	131	215	P	V
	*	5300	91.55	-	-	76.45	33	11.47	29.37	131	215	A	V
		5380.08	54.46	-19.54	74	39.39	32.9	11.53	29.36	131	215	P	V
		5460	44.94	-9.06	54	29.76	32.9	11.63	29.35	131	215	A	V



802.11ax HE20 Full CH 64 5320MHz	*	5320	104.12	-	-	89.05	32.96	11.48	29.37	100	121	P	H
	*	5320	95.61	-	-	80.54	32.96	11.48	29.37	100	121	A	H
		5352.32	60.98	-13.02	74	45.94	32.9	11.51	29.37	100	121	P	H
		5350.56	50.85	-3.15	54	35.81	32.9	11.51	29.37	100	121	P	H
													H
													H
	*	5320	100.43	-	-	85.36	32.96	11.48	29.37	257	218	P	V
	*	5320	91.45	-	-	76.38	32.96	11.48	29.37	257	218	A	V
		5350.88	61.57	-12.43	74	46.53	32.9	11.51	29.37	257	218	P	V
		5350.24	47.59	-6.41	54	32.55	32.9	11.51	29.37	257	218	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 60 5300MHz		10600	48.72	-25.28	74	59.21	39	16.77	66.26	377	170	P	H
		10600	38.61	-15.39	54	49.1	39	16.77	66.26	377	170	A	H
		15900	47.55	-26.45	74	55.6	37.9	20.55	66.5	-	-	P	H
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		10600	48.91	-25.09	74	59.4	39	16.77	66.26	247	163	P	V
		10600	38.84	-15.16	54	49.33	39	16.77	66.26	247	163	A	V
		15900	47.68	-26.32	74	55.73	37.9	20.55	66.5	-	-	P	V
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													V
													V

[illegible]


Band 2 5250~5350MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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	110.36	-	-	95.29	32.96	11.48	29.37	100	134	P	H
	*	5320	101.93	-	-	86.86	32.96	11.48	29.37	100	134	A	H
		5354.56	58.92	-15.08	74	43.88	32.9	11.51	29.37	100	134	P	H
		5363.36	47.85	-6.15	54	32.81	32.9	11.51	29.37	100	134	A	H
													H
													H
	*	5320	104.71	-	-	89.64	32.96	11.48	29.37	222	218	P	V
	*	5320	98.45	-	-	83.38	32.96	11.48	29.37	222	218	A	V
		5352.8	55.96	-18.04	74	40.92	32.9	11.51	29.37	222	218	P	V
		5354.24	45.62	-8.38	54	30.58	32.9	11.51	29.37	222	218	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 52 5260MHz		10520	47.52	-20.68	68.2	58.47	38.74	16.7	66.39	-	-	P	H
		15780	50.99	-23.01	74	58.91	38.04	20.49	66.45	325	321	P	H
		15780	40.25	-13.75	54	48.17	38.04	20.49	66.45	325	321	A	H
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													H
		10520	47.68	-20.52	68.2	58.63	38.74	16.7	66.39	-	-	P	V
		15780	49.2	-24.8	74	57.12	38.04	20.49	66.45	219	26	P	V
		15780	41.28	-12.72	54	49.2	38.04	20.49	66.45	219	26	A	V
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													V

[illegible]


Band 2 5250~5350MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 52/40 CH 64 5320MHz	*	5320	106.59	-	-	91.52	32.96	11.48	29.37	100	128	P	H
	*	5320	99.62	-	-	84.55	32.96	11.48	29.37	100	128	A	H
		5358.88	61.3	-12.7	74	46.26	32.9	11.51	29.37	100	128	P	H
		5356.48	49.29	-4.71	54	34.25	32.9	11.51	29.37	100	128	A	H
													H
													H
	*	5320	104.75	-	-	89.68	32.96	11.48	29.37	100	225	P	V
	*	5320	96.68	-	-	81.61	32.96	11.48	29.37	100	225	A	V
		5364	56.94	-17.06	74	41.9	32.9	11.51	29.37	100	225	P	V
		5356	46.85	-7.15	54	31.81	32.9	11.51	29.37	100	225	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


Band 2 5250~5350MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 106/54 CH 64 5320MHz	*	5320	106.67	-	-	91.6	32.96	11.48	29.37	100	121	P	H
	*	5320	99.45	-	-	84.38	32.96	11.48	29.37	100	121	A	H
		5350.08	67.18	-6.82	74	52.14	32.9	11.51	29.37	100	121	P	H
		5351.84	51.85	-2.15	54	36.81	32.9	11.51	29.37	100	121	A	H
													H
													H
	*	5320	102.23	-	-	87.16	32.96	11.48	29.37	203	207	P	V
	*	5320	94.76	-	-	79.69	32.96	11.48	29.37	203	207	A	V
		5351.84	61.25	-12.75	74	46.21	32.9	11.51	29.37	203	207	P	V
		5353.44	49.42	-4.58	54	34.38	32.9	11.51	29.37	203	207	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5031.62	55.28	-18.72	74	40.27	33.2	11.22	29.41	319	215	P	H
		5089.76	46.32	-7.68	54	31.4	33.04	11.28	29.4	319	215	A	H
	*	5270	99.52	-	-	84.51	32.94	11.45	29.38	319	215	P	H
	*	5270	90.81	-	-	75.8	32.94	11.45	29.38	319	215	A	H
		5366.88	54.24	-19.76	74	39.19	32.9	11.52	29.37	319	215	P	H
		5444.4	45.45	-8.55	54	30.3	32.9	11.61	29.36	319	215	A	H
		5038.08	55.73	-18.27	74	40.71	33.2	11.23	29.41	100	219	P	V
		5106.42	46.38	-7.62	54	31.48	33	11.3	29.4	100	219	A	V
	*	5270	96.3	-	-	81.29	32.94	11.45	29.38	100	219	P	V
	*	5270	88.06	-	-	73.05	32.94	11.45	29.38	100	219	A	V
		5454.48	55.01	-18.99	74	39.85	32.9	11.62	29.36	100	219	P	V
		5451.6	45.45	-8.55	54	30.29	32.9	11.62	29.36	100	219	A	V
802.11ax HE40 Full CH 62 5310MHz		5012.92	55.43	-18.57	74	40.44	33.2	11.2	29.41	100	118	P	H
		5047.94	46.46	-7.54	54	31.42	33.2	11.24	29.4	100	118	A	H
	*	5310	98.79	-	-	83.7	32.98	11.48	29.37	100	118	P	H
	*	5310	90.77	-	-	75.68	32.98	11.48	29.37	100	118	A	H
		5352.72	60.28	-13.72	74	45.24	32.9	11.51	29.37	100	118	P	H
		5350.08	51.64	-2.36	54	36.6	32.9	11.51	29.37	100	118	A	H
		5051	55.19	-18.81	74	40.15	33.2	11.24	29.4	260	217	P	V
		5039.1	46.4	-7.6	54	31.38	33.2	11.23	29.41	260	217	A	V
	*	5310	96.92	-	-	81.83	32.98	11.48	29.37	260	217	P	V
	*	5310	87.12	-	-	72.03	32.98	11.48	29.37	260	217	A	V
		5351.52	59.05	-14.95	74	44.01	32.9	11.51	29.37	260	217	P	V
		5350.56	49.09	-4.91	54	34.05	32.9	11.51	29.37	260	217	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]

**Band 2 5250~5350MHz****WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5042.84	56.92	-17.08	74	41.89	33.2	11.23	29.4	101	121	P	H
		5081.26	46.53	-7.47	54	31.58	33.07	11.28	29.4	101	121	A	H
	*	5290	96.31	-	-	81.25	32.98	11.46	29.38	101	121	P	H
	*	5290	88.01	-	-	72.95	32.98	11.46	29.38	101	121	A	H
		5350.56	61.58	-12.42	74	46.54	32.9	11.51	29.37	101	121	P	H
		5350.32	52.16	-1.84	54	37.12	32.9	11.51	29.37	101	121	A	H
		5144.16	55.56	-18.44	74	40.61	33	11.34	29.39	261	219	P	V
		5043.18	46.51	-7.49	54	31.47	33.2	11.24	29.4	261	219	A	V
	*	5290	93.05	-	-	77.99	32.98	11.46	29.38	261	219	P	V
	*	5290	83.88	-	-	68.82	32.98	11.46	29.38	261	219	A	V
		5353.68	57.86	-16.14	74	42.82	32.9	11.51	29.37	261	219	P	V
		5352	48.58	-5.42	54	33.54	32.9	11.51	29.37	261	219	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		10580	47.73	-20.47	68.2	58.36	38.92	16.75	66.3	-	-	P	H
		15870	47.28	-26.72	74	55.33	37.9	20.54	66.49	-	-	P	H
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Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5369.52	54.51	-19.49	74	39.46	32.9	11.52	29.37	100	139	P	H
		5467.44	53.52	-14.68	68.2	38.33	32.9	11.64	29.35	100	139	P	H
		5458.96	45.7	-8.3	54	30.52	32.9	11.63	29.35	100	139	A	H
	*	5500	101.67	-	-	86.43	32.9	11.69	29.35	100	139	P	H
	*	5500	94.27	-	-	79.03	32.9	11.69	29.35	100	139	A	H
													H
		5366.16	54.08	-19.92	74	39.03	32.9	11.52	29.37	284	211	P	V
		5466.64	53.84	-14.36	68.2	38.65	32.9	11.64	29.35	284	211	P	V
		5456.24	45.65	-8.35	54	30.48	32.9	11.63	29.36	284	211	A	V
	*	5500	98.96	-	-	83.72	32.9	11.69	29.35	284	211	P	V
	*	5500	91.59	-	-	76.35	32.9	11.69	29.35	284	211	A	V
													V
802.11a CH 116 5580MHz		5454.4	53.74	-20.26	74	38.58	32.9	11.62	29.36	100	133	P	H
		5463.04	53.88	-14.32	68.2	38.69	32.9	11.64	29.35	100	133	P	H
		5451.28	45.31	-8.69	54	30.15	32.9	11.62	29.36	100	133	A	H
	*	5580	102.25	-	-	86.9	32.9	11.82	29.37	100	133	P	H
	*	5580	95.15	-	-	79.8	32.9	11.82	29.37	100	133	A	H
		5743.58	55.9	-12.3	68.2	39.68	33.66	11.96	29.4	100	133	P	H
		5456.32	55.24	-18.76	74	40.07	32.9	11.63	29.36	283	213	P	V
		5466.88	53.11	-15.09	68.2	37.92	32.9	11.64	29.35	283	213	P	V
		5441.92	45.19	-8.81	54	30.05	32.9	11.6	29.36	283	213	A	V
	*	5580	100.37	-	-	85.02	32.9	11.82	29.37	283	213	P	V
	*	5580	93.18	-	-	77.83	32.9	11.82	29.37	283	213	A	V
		5740.745	56.78	-11.42	68.2	40.58	33.64	11.96	29.4	283	213	P	V



802.11a CH 140 5700MHz	*	5700	102.34	-	-	86.4	33.4	11.93	29.39	100	133	P	H
	*	5700	95.95	-	-	80.01	33.4	11.93	29.39	100	133	A	H
		5725.08	63.26	-4.94	68.2	47.16	33.55	11.95	29.4	100	133	P	H
													H
													H
													H
	*	5700	102.6	-	-	86.66	33.4	11.93	29.39	286	219	P	V
	*	5700	95.56	-	-	79.62	33.4	11.93	29.39	286	219	A	V
		5727.64	62.57	-5.63	68.2	46.45	33.57	11.95	29.4	286	219	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.88	-26.12	74	57.62	38.8	17.1	65.64	-	-	P	H
		16500	48.78	-19.42	68.2	55.88	38.6	21.22	66.92	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	47.43	-26.57	74	57.17	38.8	17.1	65.64	-	-	P	V
		16500	48.73	-19.47	68.2	55.83	38.6	21.22	66.92	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	47.91	-26.09	74	57.45	38.92	17.22	65.68	-	-	P	H
		16740	50.09	-18.11	68.2	56.74	38.24	21.52	66.41	203	224	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	47.89	-26.11	74	57.43	38.92	17.22	65.68	-	-	P	V
		16740	48.27	-19.93	68.2	54.92	38.24	21.52	66.41	-	-	P	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz		11400	47.8	-26.2	74	56.93	39.2	17.41	65.74	-	-	P	H
		17100	49.14	-19.06	68.2	55.1	37.9	21.89	65.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	47.72	-26.28	74	56.85	39.2	17.41	65.74	-	-	P	V
		17100	48.25	-19.95	68.2	54.21	37.9	21.89	65.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 100 5500MHz		5456.88	56.34	-17.66	74	41.17	32.9	11.63	29.36	100	142	P	H
		5465.84	60.29	-7.91	68.2	45.1	32.9	11.64	29.35	100	142	P	H
		5459.76	46.55	-7.45	54	31.37	32.9	11.63	29.35	100	142	A	H
	*	5500	102.11	-	-	86.87	32.9	11.69	29.35	100	142	P	H
	*	5500	94.26	-	-	79.02	32.9	11.69	29.35	100	142	A	H
													H
		5444.88	54.75	-19.25	74	39.6	32.9	11.61	29.36	125	221	P	V
		5469.2	58.22	-9.98	68.2	43.02	32.9	11.65	29.35	125	221	P	V
		5458.64	45.36	-8.64	54	30.18	32.9	11.63	29.35	125	221	A	V
	*	5500	96.71	-	-	81.47	32.9	11.69	29.35	125	221	P	V
	*	5500	89.6	-	-	74.36	32.9	11.69	29.35	125	221	A	V
													V
802.11n HT20 CH 140 5700MHz	*	5700	102.19	-	-	86.25	33.4	11.93	29.39	386	220	P	H
	*	5700	94.8	-	-	78.86	33.4	11.93	29.39	386	220	A	H
		5725.48	64.42	-3.78	68.2	48.32	33.55	11.95	29.4	386	220	P	H
													H
													H
													H
	*	5700	103.87	-	-	87.93	33.4	11.93	29.39	290	217	P	V
	*	5700	96.46	-	-	80.52	33.4	11.93	29.39	290	217	A	V
		5726.04	65.15	-3.05	68.2	49.04	33.56	11.95	29.4	290	217	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 - 5470~5725MHz****WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 116 5580MHz		11160	47.93	-26.07	74	57.47	38.92	17.22	65.68	-	-	P	H
		16740	48.51	-19.69	68.2	55.16	38.24	21.52	66.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	47.65	-26.35	74	57.19	38.92	17.22	65.68	-	-	P	V
		16740	48.27	-19.93	68.2	54.92	38.24	21.52	66.41	-	-	P	V
													V
													V
													V
													V
													V
													V



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 VHT20 CH 100 5500MHz		5459.76	55.74	-18.26	74	40.56	32.9	11.63	29.35	100	135	P	H
		5468.88	56.71	-11.49	68.2	41.51	32.9	11.65	29.35	100	135	P	H
		5459.76	45.72	-8.28	54	30.54	32.9	11.63	29.35	100	135	A	H
	*	5500	102.39	-	-	87.15	32.9	11.69	29.35	100	135	P	H
	*	5500	95.09	-	-	79.85	32.9	11.69	29.35	100	135	A	H
													H
		5458.64	54.42	-19.58	74	39.24	32.9	11.63	29.35	207	194	P	V
		5464.56	53.73	-14.47	68.2	38.54	32.9	11.64	29.35	207	194	P	V
		5459.76	45.13	-8.87	54	29.95	32.9	11.63	29.35	207	194	A	V
	*	5500	95.16	-	-	79.92	32.9	11.69	29.35	207	194	P	V
	*	5500	87.79	-	-	72.55	32.9	11.69	29.35	207	194	A	V
													V
802.11ac VHT20 CH 140 5700MHz	*	5700	102.36	-	-	86.42	33.4	11.93	29.39	369	215	P	H
	*	5700	95.19	-	-	79.25	33.4	11.93	29.39	369	215	A	H
		5727.8	62.79	-5.41	68.2	46.67	33.57	11.95	29.4	369	215	P	H
													H
													H
													H
	*	5700	102.62	-	-	86.68	33.4	11.93	29.39	301	212	P	V
	*	5700	95.27	-	-	79.33	33.4	11.93	29.39	301	212	A	V
		5728.2	64.12	-4.08	68.2	48	33.57	11.95	29.4	301	212	P	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 3 - 5470~5725MHz****WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 VHT20 CH 116 5580MHz		11160	47.72	-26.28	74	57.26	38.92	17.22	65.68	-	-	P	H
		16740	49.03	-19.17	68.2	55.68	38.24	21.52	66.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	47.73	-26.27	74	57.27	38.92	17.22	65.68	-	-	P	V
		16740	49.26	-18.94	68.2	55.91	38.24	21.52	66.41	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

**Band 3 - 5470~5725MHz****WIFI 802.11ac VHT40 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5448.64	55.65	-18.35	74	40.49	32.9	11.62	29.36	107	134	P	H
		5467.84	59.69	-8.51	68.2	44.49	32.9	11.65	29.35	107	134	P	H
		5457.76	45.78	-8.22	54	30.61	32.9	11.63	29.36	107	134	A	H
	*	5510	98.4	-	-	83.14	32.9	11.71	29.35	107	134	P	H
	*	5510	90.93	-	-	75.67	32.9	11.71	29.35	107	134	A	H
		5744.525	54.93	-13.27	68.2	38.69	33.67	11.97	29.4	107	134	P	H
		5401.12	53.9	-20.1	74	38.82	32.9	11.54	29.36	199	75	P	V
		5460.64	54.83	-13.37	68.2	39.65	32.9	11.63	29.35	199	75	P	V
		5453.2	45.12	-8.88	54	29.96	32.9	11.62	29.36	199	75	A	V
	*	5510	83.39	-	-	68.13	32.9	11.71	29.35	199	75	P	V
	*	5510	76.14	-	-	60.88	32.9	11.71	29.35	199	75	A	V
		5753.66	54.52	-13.68	68.2	38.24	33.71	11.97	29.4	199	75	P	V

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

[illegible]



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5403.28	54.32	-19.68	74	39.23	32.9	11.55	29.36	366	212	P	H
		5463.76	53.62	-14.58	68.2	38.43	32.9	11.64	29.35	366	212	P	H
		5455.84	45.16	-8.84	54	29.99	32.9	11.63	29.36	366	212	A	H
	*	5530	90.01	-	-	74.73	32.9	11.74	29.36	366	212	P	H
	*	5530	82.82	-	-	67.54	32.9	11.74	29.36	366	212	A	H
		5734.76	54.62	-13.58	68.2	38.45	33.61	11.96	29.4	366	212	P	H
		5425.84	53.47	-20.53	74	38.35	32.9	11.58	29.36	100	137	P	V
		5461.12	52.25	-15.95	68.2	37.07	32.9	11.63	29.35	100	137	P	V
		5457.76	45.11	-8.89	54	29.94	32.9	11.63	29.36	100	137	A	V
	*	5530	87.5	-	-	72.22	32.9	11.74	29.36	100	137	P	V
	*	5530	80.18	-	-	64.9	32.9	11.74	29.36	100	137	A	V
		5765	53.84	-14.36	68.2	37.5	33.76	11.98	29.4	100	137	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 122 5610MHz		11220	46.9	-27.1	74	56.25	39.08	17.27	65.7	-	-	P	H
		16830	48.83	-19.37	68.2	55.22	38.2	21.63	66.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11220	47.86	-26.14	74	57.21	39.08	17.27	65.7	-	-	P	V
		16830	48.32	-19.88	68.2	54.71	38.2	21.63	66.22	-	-	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 Full (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 100 5500MHz		5459.44	54.37	-19.63	74	39.19	32.9	11.63	29.35	100	136	P	H
		5469.68	60.08	-8.12	68.2	44.88	32.9	11.65	29.35	100	136	P	H
		5459.76	45.93	-8.07	54	30.75	32.9	11.63	29.35	100	136	A	H
	*	5500	102.13	-	-	86.89	32.9	11.69	29.35	100	136	P	H
	*	5500	94.58	-	-	79.34	32.9	11.69	29.35	100	136	A	H
		5430.8	54.59	-19.41	74	39.46	32.9	11.59	29.36	302	202	P	V
		5468.88	58.59	-9.61	68.2	43.39	32.9	11.65	29.35	302	202	P	V
		5459.6	45.1	-8.9	54	29.92	32.9	11.63	29.35	302	202	A	V
	*	5500	96.7	-	-	81.46	32.9	11.69	29.35	302	202	P	V
	*	5500	90.02	-	-	74.78	32.9	11.69	29.35	302	202	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5441.92	54.45	-19.55	74	39.31	32.9	11.6	29.36	102	134	P	H
		5465.2	53.29	-14.91	68.2	38.1	32.9	11.64	29.35	102	134	P	H
		5457.28	44.64	-9.36	54	29.47	32.9	11.63	29.36	102	134	A	H
	*	5580	102.32	-	-	86.97	32.9	11.82	29.37	102	134	P	H
	*	5580	94.55	-	-	79.2	32.9	11.82	29.37	102	134	A	H
		5755.55	54.31	-13.89	68.2	38.02	33.72	11.97	29.4	102	134	P	H
		5390.8	54.89	-19.11	74	39.82	32.9	11.53	29.36	283	212	P	V
		5461.84	53.38	-14.82	68.2	38.19	32.9	11.64	29.35	283	212	P	V
		5458	44.67	-9.33	54	29.5	32.9	11.63	29.36	283	212	A	V
	*	5584	102.1	-	-	86.74	32.9	11.83	29.37	283	212	P	V
	*	5590	92.74	-	-	77.38	32.9	11.83	29.37	283	212	A	V
		5752.085	55.41	-12.79	68.2	39.13	33.71	11.97	29.4	283	212	P	V



802.11ax HE20 Full CH 140 5700MHz	*	5700	101.25	-	-	85.31	33.4	11.93	29.39	101	133	P	H
	*	5700	94.2	-	-	78.26	33.4	11.93	29.39	101	133	A	H
		5725.32	66.22	-1.98	68.2	50.12	33.55	11.95	29.4	101	133	P	H
													H
													H
													H
	*	5700	101.51	-	-	85.57	33.4	11.93	29.39	300	215	P	V
	*	5700	93.88	-	-	77.94	33.4	11.93	29.39	300	215	A	V
		5725.96	63.39	-4.81	68.2	47.28	33.56	11.95	29.4	300	215	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 5470~5725MHz****WIFI 802.11ax HE20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 100 5500MHz		11000	47.73	-26.27	74	57.47	38.8	17.1	65.64	-	-	P	H
		16500	48.69	-19.51	68.2	55.79	38.6	21.22	66.92	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	47.82	-26.18	74	57.56	38.8	17.1	65.64	-	-	P	V
		16500	49.2	-19	68.2	56.3	38.6	21.22	66.92	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]

[illegible]



Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5424.4	54.5	-19.5	74	39.38	32.9	11.58	29.36	188	8	P	H
		5466.16	53.64	-14.56	68.2	38.45	32.9	11.64	29.35	188	8	P	H
		5458.64	45.07	-8.93	54	29.89	32.9	11.63	29.35	188	8	A	H
	*	5500	81.13	-	-	65.89	32.9	11.69	29.35	188	8	P	H
	*	5500	75.07	-	-	59.83	32.9	11.69	29.35	188	8	A	H
													H
		5408.56	54.78	-19.22	74	39.69	32.9	11.55	29.36	399	57	P	V
		5460.72	54.37	-13.83	68.2	39.19	32.9	11.63	29.35	399	57	P	V
		5450.48	44.92	-9.08	54	29.76	32.9	11.62	29.36	399	57	A	V
	*	5500	78.25	-	-	63.01	32.9	11.69	29.35	399	57	P	V
	*	5500	72.34	-	-	57.1	32.9	11.69	29.35	399	57	A	V
													V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	111.21	-	-	95.27	33.4	11.93	29.39	387	196	P	H
	*	5700	103.95	-	-	88.01	33.4	11.93	29.39	387	196	A	H
		5725.08	66.3	-1.9	68.2	50.2	33.55	11.95	29.4	387	196	P	H
													H
													H
													H
	*	5700	111.19	-	-	95.25	33.4	11.93	29.39	313	217	P	V
	*	5700	103.22	-	-	87.28	33.4	11.93	29.39	313	217	A	V
		5725.72	64.4	-3.8	68.2	48.3	33.55	11.95	29.4	313	217	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)

[illegible]

[illegible]



Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 100 5500MHz		5382.32	55.24	-18.76	74	40.17	32.9	11.53	29.36	107	135	P	H
		5470	54.9	-13.3	68.2	39.7	32.9	11.65	29.35	107	135	P	H
		5454.32	45.47	-8.53	54	30.31	32.9	11.62	29.36	107	135	A	H
	*	5500	103.15	-	-	87.91	32.9	11.69	29.35	107	135	P	H
	*	5500	94.78	-	-	79.54	32.9	11.69	29.35	107	135	A	H
													H
		5459.76	55.81	-18.19	74	40.63	32.9	11.63	29.35	268	210	P	V
		5468.24	54.63	-13.57	68.2	39.43	32.9	11.65	29.35	268	210	P	V
		5457.2	45.24	-8.76	54	30.07	32.9	11.63	29.36	268	210	A	V
	*	5500	99.11	-	-	83.87	32.9	11.69	29.35	268	210	P	V
	*	5500	90.99	-	-	75.75	32.9	11.69	29.35	268	210	A	V
													V
802.11ax HE20 Partial 52/40 CH 140 5700MHz	*	5700	107.9	-	-	91.96	33.4	11.93	29.39	366	214	P	H
	*	5700	100.57	-	-	84.63	33.4	11.93	29.39	366	214	A	H
		5725.72	65.89	-2.31	68.2	49.79	33.55	11.95	29.4	366	214	P	H
													H
													H
													H
	*	5700	107.58	-	-	91.64	33.4	11.93	29.39	301	219	P	V
	*	5700	101.25	-	-	85.31	33.4	11.93	29.39	301	219	A	V
		5725.48	63.95	-4.25	68.2	47.85	33.55	11.95	29.4	301	219	P	V
													V
Remark													V
													V
													V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 106/53 CH 100 5500MHz		5449.36	56.09	-17.91	74	40.83	33	11.62	29.36	106	134	P	H
		5467.28	55.21	-12.99	68.2	39.92	33	11.64	29.35	106	134	P	H
		5452.56	45.63	-8.37	54	30.37	33	11.62	29.36	106	134	A	H
	*	5500	103.13	-	-	87.79	33	11.69	29.35	106	134	P	H
	*	5500	94.82	-	-	79.48	33	11.69	29.35	106	134	A	H
													H
		5453.84	56.49	-17.51	74	41.23	33	11.62	29.36	110	214	P	V
		5460.24	55.29	-12.91	68.2	40.01	33	11.63	29.35	110	214	P	V
		5457.52	45.61	-8.39	54	30.34	33	11.63	29.36	110	214	A	V
	*	5500	98.14	-	-	82.8	33	11.69	29.35	110	214	P	V
	*	5500	91.02	-	-	75.68	33	11.69	29.35	110	214	A	V
													V
802.11ax HE20 Partial 106/54 CH 140 5700MHz	*	5700	106.86	-	-	90.92	33.4	11.93	29.39	100	132	P	H
	*	5700	99.31	-	-	83.37	33.4	11.93	29.39	100	132	A	H
		5727.64	65.02	-3.18	68.2	48.9	33.57	11.95	29.4	100	132	P	H
													H
													H
													H
	*	5700	107.05	-	-	91.11	33.4	11.93	29.39	352	218	P	V
	*	5700	99.05	-	-	83.11	33.4	11.93	29.39	352	218	A	V
		5725.16	63.04	-5.16	68.2	46.94	33.55	11.95	29.4	352	218	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 102 5510MHz		5457.28	57.56	-16.44	74	42.39	32.9	11.63	29.36	100	130	P	H
		5467.84	59.7	-8.5	68.2	44.5	32.9	11.65	29.35	100	130	P	H
		5458	46.41	-7.59	54	31.24	32.9	11.63	29.36	100	130	A	H
	*	5510	98.81	-	-	83.55	32.9	11.71	29.35	100	130	P	H
	*	5510	90.37	-	-	75.11	32.9	11.71	29.35	100	130	A	H
		5756.18	54.43	-13.77	68.2	38.14	33.72	11.97	29.4	100	130	P	H
		5417.2	53.89	-20.11	74	38.78	32.9	11.57	29.36	299	214	P	V
		5468.56	55.8	-12.4	68.2	40.6	32.9	11.65	29.35	299	214	P	V
		5459.68	45.74	-8.26	54	30.56	32.9	11.63	29.35	299	214	A	V
	*	5510	94.39	-	-	79.13	32.9	11.71	29.35	299	214	P	V
	*	5510	86.31	-	-	71.05	32.9	11.71	29.35	299	214	A	V
		5746.73	55.67	-12.53	68.2	39.42	33.68	11.97	29.4	299	214	P	V
802.11ax HE40 Full CH 110 5550MHz		5382.16	55.3	-18.7	74	40.23	32.9	11.53	29.36	100	134	P	H
		5460.88	54.34	-13.86	68.2	39.16	32.9	11.63	29.35	100	134	P	H
		5447.2	45.47	-8.53	54	30.32	32.9	11.61	29.36	100	134	A	H
	*	5550	98.47	-	-	83.16	32.9	11.77	29.36	100	134	P	H
	*	5550	90.33	-	-	75.02	32.9	11.77	29.36	100	134	A	H
		5746.73	55.98	-12.22	68.2	39.73	33.68	11.97	29.4	100	134	P	H
		5398	54.57	-19.43	74	39.49	32.9	11.54	29.36	271	219	P	V
		5462.32	54.85	-13.35	68.2	39.66	32.9	11.64	29.35	271	219	P	V
		5456.32	45.38	-8.62	54	30.21	32.9	11.63	29.36	271	219	A	V
	*	5550	97.04	-	-	81.73	32.9	11.77	29.36	271	219	P	V
	*	5550	87.97	-	-	72.66	32.9	11.77	29.36	271	219	A	V
		5729.09	55.79	-12.41	68.2	39.67	33.57	11.95	29.4	271	219	P	V



802.11ax HE40 Full CH 134 5670MHz		5411.25	54.56	-19.44	74	39.46	32.9	11.56	29.36	100	134	P	H
		5464.45	54.13	-14.07	68.2	38.94	32.9	11.64	29.35	100	134	P	H
		5450.45	45.43	-8.57	54	30.27	32.9	11.62	29.36	100	134	A	H
	*	5670	101.28	-	-	85.53	33.22	11.91	29.38	100	134	P	H
	*	5670	92.2	-	-	76.45	33.22	11.91	29.38	100	134	A	H
		5729.125	56.96	-11.24	68.2	40.84	33.57	11.95	29.4	100	134	P	H
		5428.05	55.78	-18.22	74	40.66	32.9	11.58	29.36	306	207	P	V
		5463.05	54.13	-14.07	68.2	38.94	32.9	11.64	29.35	306	207	P	V
		5456.4	45.33	-8.67	54	30.16	32.9	11.63	29.36	306	207	A	V
	*	5670	98	-	-	82.25	33.22	11.91	29.38	306	207	P	V
	*	5670	90.76	-	-	75.01	33.22	11.91	29.38	306	207	A	V
		5728.775	56.25	-11.95	68.2	40.13	33.57	11.95	29.4	306	207	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 5470~5725MHz****WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 102 5510MHz		11020	47.81	-26.19	74	57.54	38.8	17.12	65.65	-	-	P	H
		16530	49.71	-18.49	68.2	56.83	38.48	21.26	66.86	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11020	47.5	-26.5	74	57.23	38.8	17.12	65.65	-	-	P	V
		16530	48.95	-19.25	68.2	56.07	38.48	21.26	66.86	-	-	P	V
													V
													V
													V
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													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 110 5550MHz		11100	47.97	-26.03	74	57.56	38.9	17.18	65.67	-	-	P	H
		16650	49.62	-18.58	68.2	56.41	38.4	21.41	66.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11100	47.66	-26.34	74	57.25	38.9	17.18	65.67	-	-	P	V
		16650	49.75	-18.45	68.2	56.54	38.4	21.41	66.6	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]



Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 106 5530MHz		5364.88	54.42	-19.58	74	39.37	32.9	11.52	29.37	100	134	P	H
		5465.2	54.02	-14.18	68.2	38.83	32.9	11.64	29.35	100	134	P	H
		5458.72	45.68	-8.32	54	30.5	32.9	11.63	29.35	100	134	A	H
	*	5530	93.52	-	-	78.24	32.9	11.74	29.36	100	134	P	H
	*	5530	85.51	-	-	70.23	32.9	11.74	29.36	100	134	A	H
		5758.385	55.35	-12.85	68.2	39.04	33.73	11.98	29.4	100	134	P	H
		5399.2	55.09	-18.91	74	40.01	32.9	11.54	29.36	291	207	P	V
		5466.88	55.01	-13.19	68.2	39.82	32.9	11.64	29.35	291	207	P	V
		5451.04	45.31	-8.69	54	30.15	32.9	11.62	29.36	291	207	A	V
	*	5530	90.73	-	-	75.45	32.9	11.74	29.36	291	207	P	V
	*	5530	82.59	-	-	67.31	32.9	11.74	29.36	291	207	A	V
		5731.61	55.54	-12.66	68.2	39.39	33.59	11.96	29.4	291	207	P	V
802.11ax HE80 Full CH 122 5610MHz		5373.4	56.26	-17.74	74	41.21	32.9	11.52	29.37	101	133	P	H
		5470	55.86	-12.34	68.2	40.66	32.9	11.65	29.35	101	133	P	H
		5458.42	45.73	-8.27	54	30.55	32.9	11.63	29.35	101	133	A	H
	*	5610	94.44	-	-	79.01	32.94	11.86	29.37	101	133	P	H
	*	5610	86.43	-	-	71	32.94	11.86	29.37	101	133	A	H
		5931.76	59.18	-9.02	68.2	42.09	34.2	12.33	29.44	101	133	P	H
		5378.08	55.92	-18.08	74	40.86	32.9	11.52	29.36	268	218	P	V
		5461.93	55.8	-12.4	68.2	40.61	32.9	11.64	29.35	268	218	P	V
		5449.84	45.39	-8.61	54	30.23	32.9	11.62	29.36	268	218	A	V
	*	5610	93.16	-	-	77.73	32.94	11.86	29.37	268	218	P	V
	*	5610	85.11	-	-	69.68	32.94	11.86	29.37	268	218	A	V
		5922.64	58.95	-9.25	68.2	41.87	34.2	12.31	29.43	268	218	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)

[illegible]

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 122 5610MHz		11220	47.25	-26.75	74	56.6	39.08	17.27	65.7	-	-	P	H
		16830	49.74	-18.46	68.2	56.13	38.2	21.63	66.22	-	-	P	H
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												H	
												H	


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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5398.75	53.86	-20.14	74	38.78	32.9	11.54	29.36	100	133	P	H
		5468.17	53.18	-15.02	68.2	37.98	32.9	11.65	29.35	100	133	P	H
		5452.57	45.22	-8.78	54	30.06	32.9	11.62	29.36	100	133	A	H
	*	5720	103.01	-	-	86.93	33.52	11.95	29.39	100	133	P	H
	*	5720	95.62	-	-	79.54	33.52	11.95	29.39	100	133	A	H
		5925	56.7	-11.5	68.2	39.62	34.2	12.32	29.44	100	133	P	H
		5372.23	55.17	-18.83	74	40.12	32.9	11.52	29.37	266	211	P	V
		5465.83	53.53	-14.67	68.2	38.34	32.9	11.64	29.35	266	211	P	V
		5459.2	45.13	-8.87	54	29.95	32.9	11.63	29.35	266	211	A	V
	*	5720	100.67	-	-	84.59	33.52	11.95	29.39	266	211	P	V
	*	5720	95.22	-	-	79.14	33.52	11.95	29.39	266	211	A	V
		5903.75	57.63	-10.57	68.2	40.6	34.2	12.26	29.43	266	211	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	47.6	-26.4	74	56.79	39.12	17.44	65.75	-	-	P	H
		17160	49.46	-18.74	68.2	55.1	38.14	21.91	65.69	-	-	P	H
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		11440	47.89	-26.11	74	57.08	39.12	17.44	65.75	-	-	P	V
		17160	48.35	-19.85	68.2	53.99	38.14	21.91	65.69	-	-	P	V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												


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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5376.13	54.98	-19.02	74	39.92	32.9	11.52	29.36	100	132	P	H
		5468.56	54.59	-13.61	68.2	39.39	32.9	11.65	29.35	100	132	P	H
		5451.4	45.01	-8.99	54	29.85	32.9	11.62	29.36	100	132	A	H
	*	5720	104.65	-	-	88.57	33.52	11.95	29.39	100	132	P	H
	*	5720	95.53	-	-	79.45	33.52	11.95	29.39	100	132	A	H
		5882	56.05	-12.15	68.2	39.14	34.13	12.21	29.43	100	132	P	H
		5427.61	53.94	-20.06	74	38.82	32.9	11.58	29.36	320	221	P	V
		5464.66	53.06	-15.14	68.2	37.87	32.9	11.64	29.35	320	221	P	V
		5435.8	44.92	-9.08	54	29.78	32.9	11.6	29.36	320	221	A	V
	*	5720	103.57	-	-	87.49	33.52	11.95	29.39	320	221	P	V
	*	5720	95.35	-	-	79.27	33.52	11.95	29.39	320	221	A	V
		5945.75	55.98	-12.22	68.2	38.85	34.2	12.37	29.44	320	221	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

[illegible]


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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5357.02	54.88	-19.12	74	39.84	32.9	11.51	29.37	100	134	P	H
		5463.49	53.36	-14.84	68.2	38.17	32.9	11.64	29.35	100	134	P	H
		5454.91	45.45	-8.55	54	30.28	32.9	11.63	29.36	100	134	A	H
	*	5710	100.01	-	-	84	33.46	11.94	29.39	100	134	P	H
	*	5710	91.55	-	-	75.54	33.46	11.94	29.39	100	134	A	H
		5871	59.84	-8.36	68.2	43	34.08	12.18	29.42	100	134	P	H
		5375.35	54.49	-19.51	74	39.43	32.9	11.52	29.36	288	220	P	V
		5460.76	53.9	-14.3	68.2	38.72	32.9	11.63	29.35	288	220	P	V
		5451.4	45.42	-8.58	54	30.26	32.9	11.62	29.36	288	220	A	V
	*	5710	99.79	-	-	83.78	33.46	11.94	29.39	288	220	P	V
	*	5710	92.03	-	-	76.02	33.46	11.94	29.39	288	220	A	V
		5902.5	57.91	-10.29	68.2	40.88	34.2	12.26	29.43	288	220	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)

[illegible]



Band 3 Straddle Channel

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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		5365.6	55.07	-18.93	74	39.95	32.97	11.52	29.37	100	135	P	H
		5465.83	52.76	-15.44	68.2	37.47	33	11.64	29.35	100	135	P	H
		5432.68	45.69	-8.31	54	30.49	32.97	11.59	29.36	100	135	A	H
	*	5690	95.85	-	-	80.08	33.24	11.92	29.39	100	135	P	H
	*	5690	87.27	-	-	71.5	33.24	11.92	29.39	100	135	A	H
		5886.82	56.44	-11.76	68.2	39.4	34.25	12.22	29.43	100	135	P	H
		5436.97	54.07	-19.93	74	38.86	32.97	11.6	29.36	100	218	P	V
		5468.95	54.2	-14	68.2	38.9	33	11.65	29.35	100	218	P	V
		5459.98	45.6	-8.4	54	30.32	33	11.63	29.35	100	218	A	V
	*	5690	93.89	-	-	78.12	33.24	11.92	29.39	100	218	P	V
	*	5690	85.66	-	-	69.89	33.24	11.92	29.39	100	218	A	V
		5881.15	56.75	-11.45	68.2	39.75	34.22	12.21	29.43	100	218	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)

[illegible]

Emission below 1GHz

WIFI 802. 11ax HE20 Partial 26 (SHF @ 1m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20		39384	46.46	-27.54	74	58.63	44.76	-0.36	56.57	-	-	P	H
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													H
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													H
													H
Partial 26/8 SHF		39230	47.41	-26.59	74	59.5	45	-0.43	56.66	-	-	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 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 26 (LF @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (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 LF		33.78	21.05	-18.95	40	30.03	22.69	0.79	32.46	-	-	P	H
		207.12	22.58	-20.92	43.5	37.8	15.13	2.04	32.39	-	-	P	H
		268.41	19.69	-26.31	46	30.49	19.21	2.41	32.42	-	-	P	H
		507.9	25.22	-20.78	46	30.65	23.97	3.28	32.68	-	-	P	H
		615	27.84	-18.16	46	31.01	25.78	3.79	32.74	-	-	P	H
		948.2	33.77	-12.23	46	29.69	30.75	4.86	31.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		31.89	22.29	-17.71	40	30.24	23.73	0.77	32.45	-	-	P	V
		102.9	22.54	-20.96	43.5	37.16	16.29	1.5	32.41	-	-	P	V
		264.9	19.69	-26.31	46	29.89	19.83	2.39	32.42	-	-	P	V
		542.9	25.88	-20.12	46	30.57	24.44	3.43	32.56	-	-	P	V
		756.4	30.23	-15.77	46	30.3	28.14	4.3	32.51	-	-	P	V
		940.5	34.01	-11.99	46	30.38	30.41	4.82	31.6	-	-	P	V
													V
												V	
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

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



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

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

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

For Peak Limit @ 5150MHz:

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

For Average Limit @ 5150MHz:

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

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



Appendix D. Radiated Spurious Emission

Test Engineer :	Bill Chang, Gary Guo and Steven Wu	Temperature :	18.2~20.2°C
		Relative Humidity :	54.2~56.1%

Note symbol

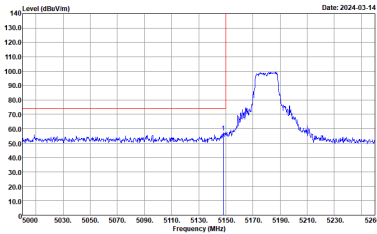
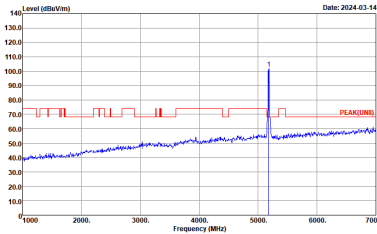
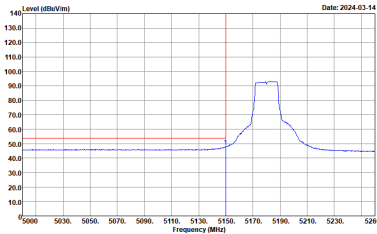
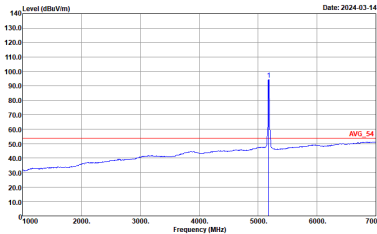
-L	Low channel location
-R	High channel location



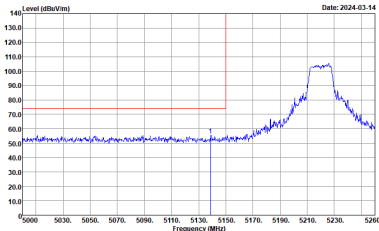
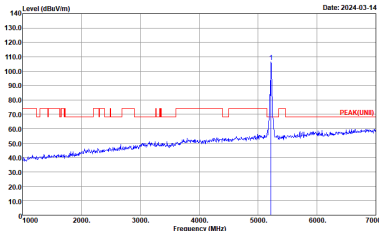
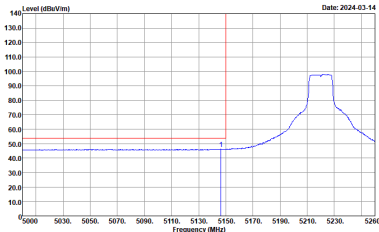
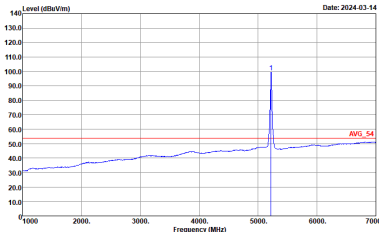
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

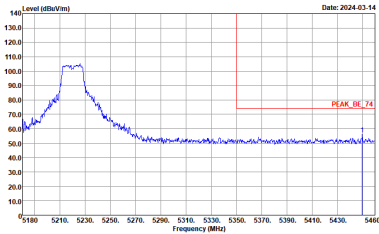
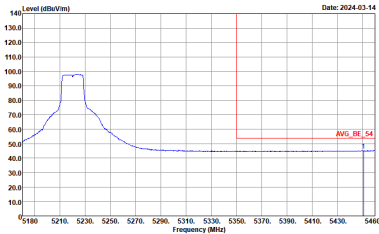


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto
Avg.		

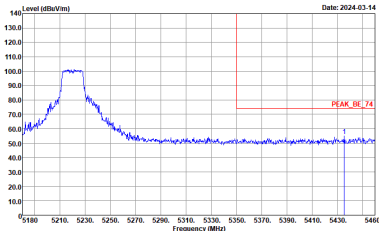
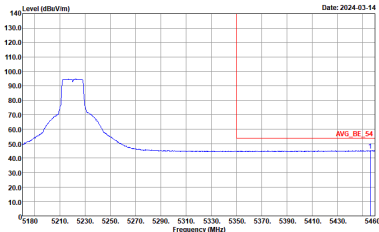


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto	Left blank

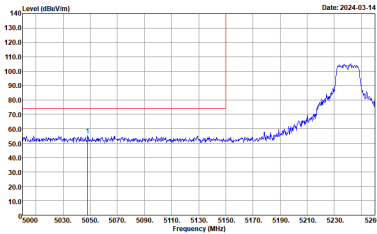
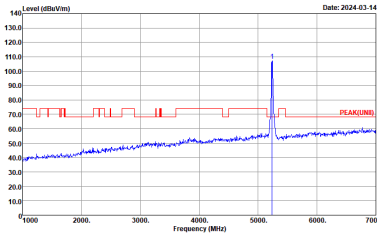
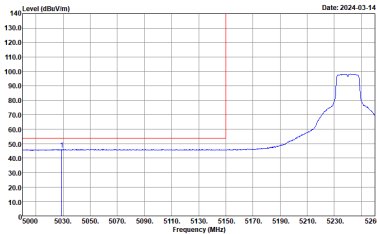
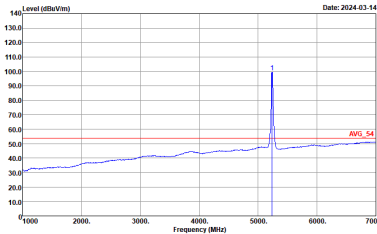


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto

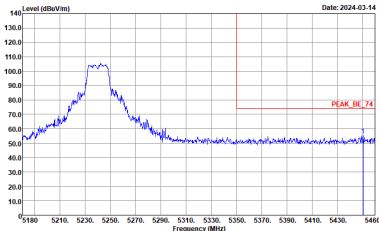
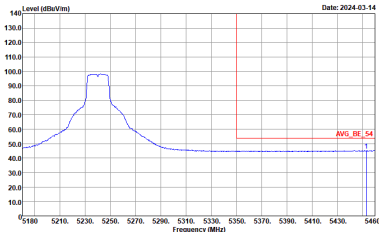


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto	Left blank

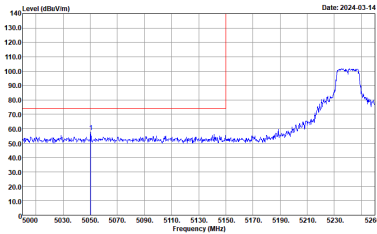
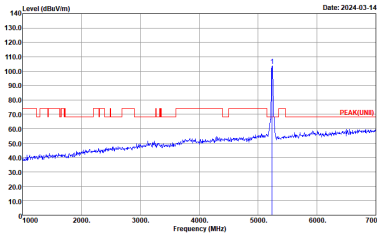
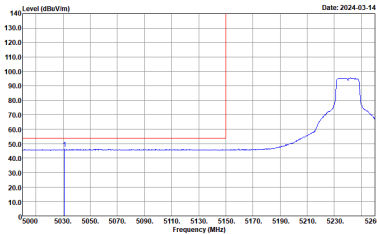
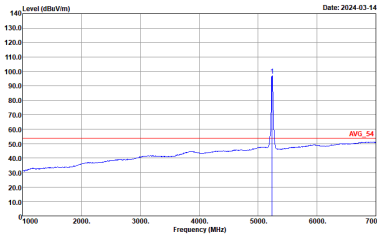


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto

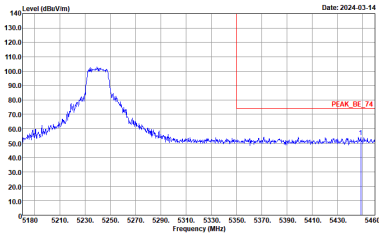
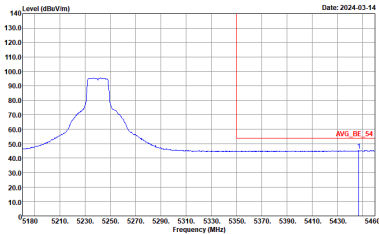


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto	Left blank



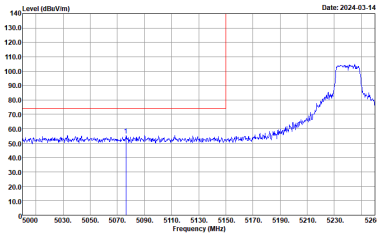
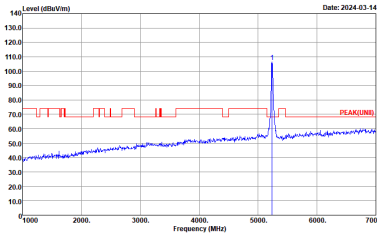
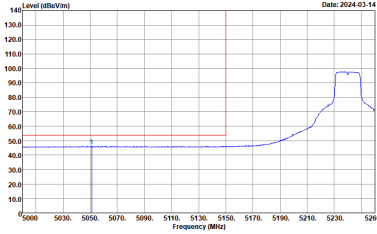
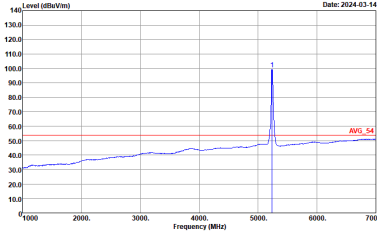
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

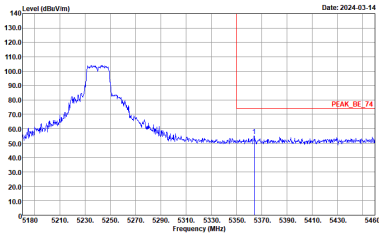
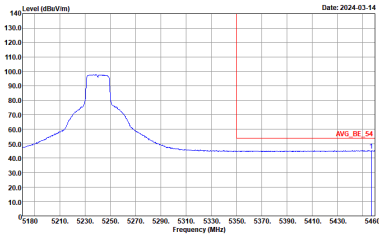


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

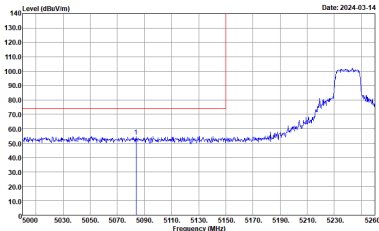
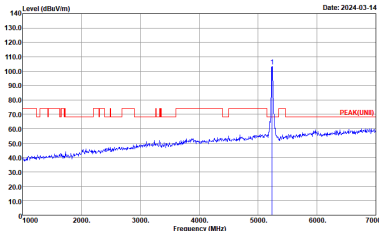
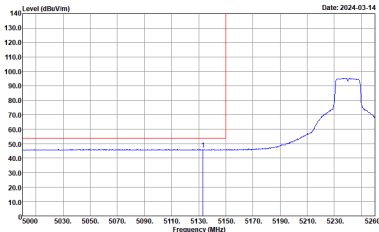
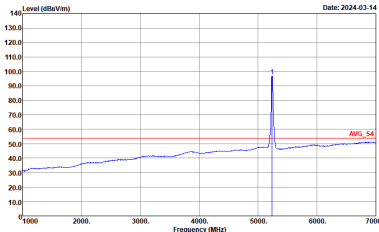


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto

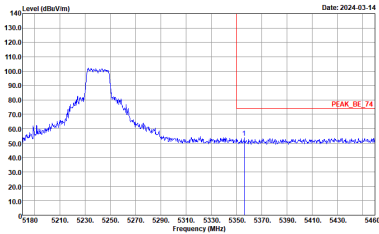
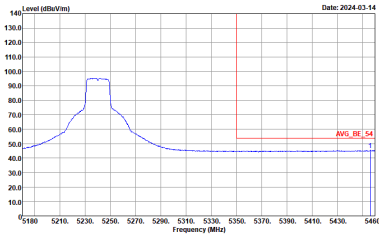


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto



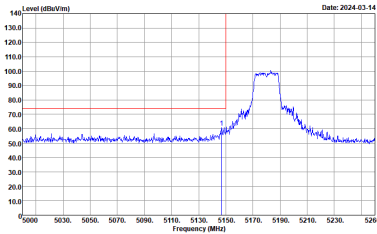
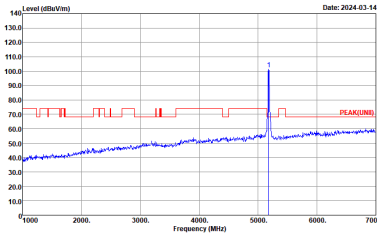
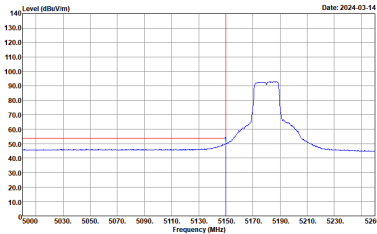
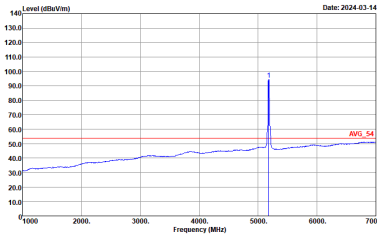
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	Left blank



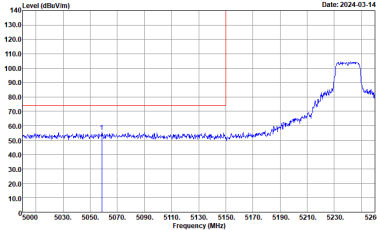
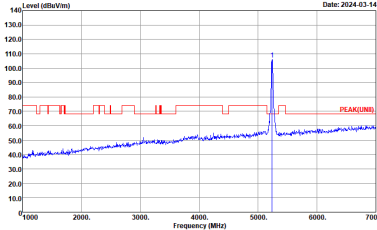
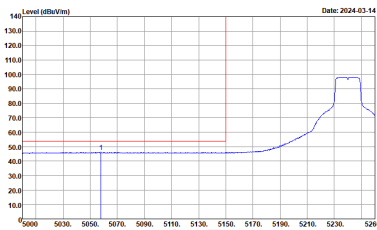
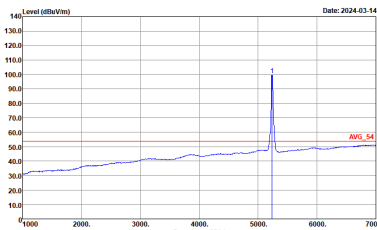
Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

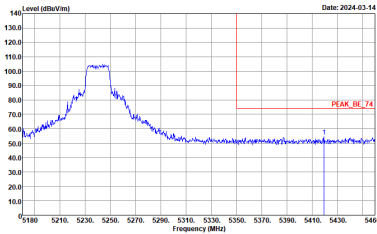
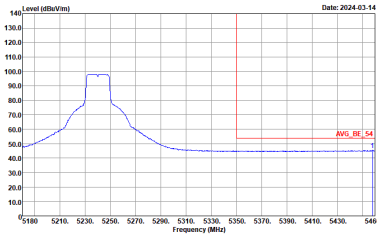


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto

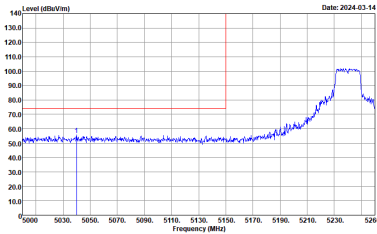
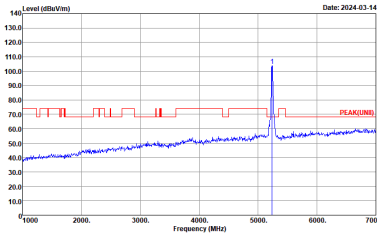
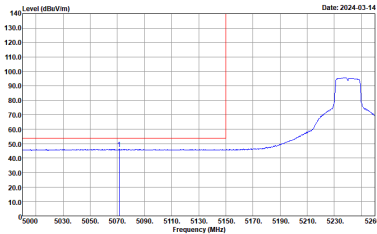
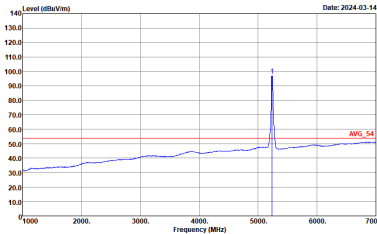


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto

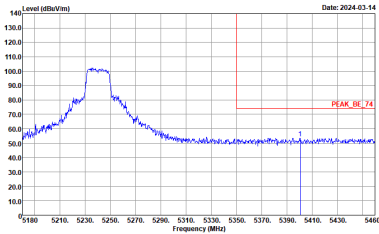
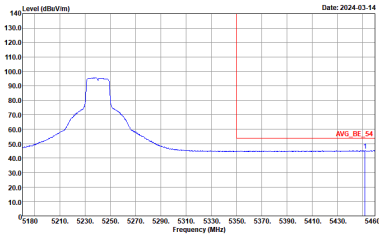


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.750kHz SWT:Auto	Left blank



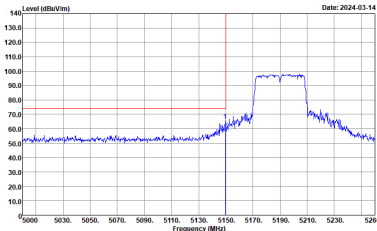
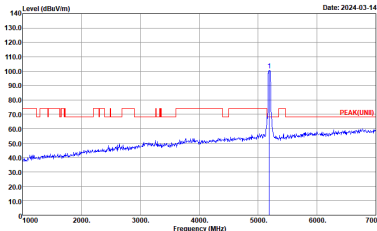
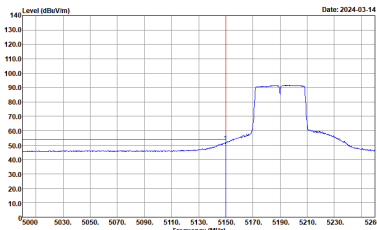
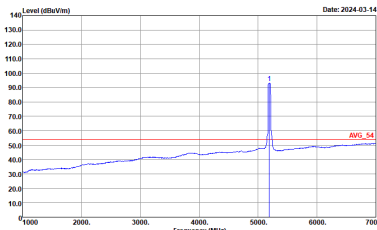
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto



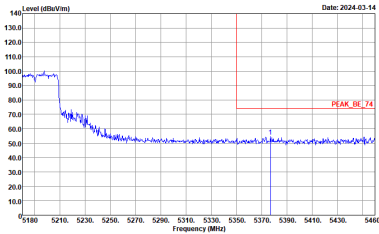
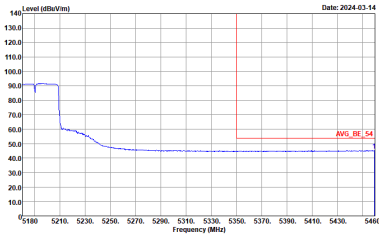
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	Left blank



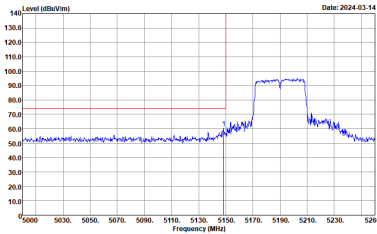
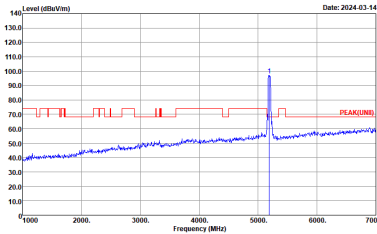
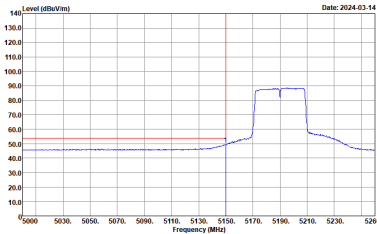
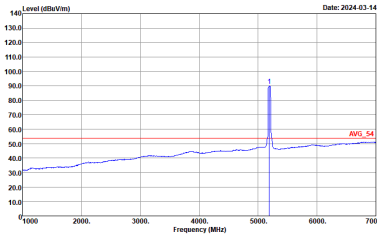
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.820KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.820KHz SWT:Auto

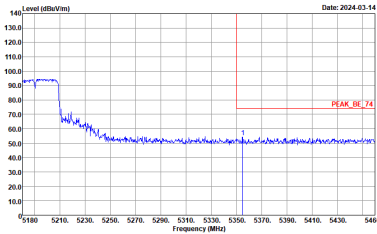
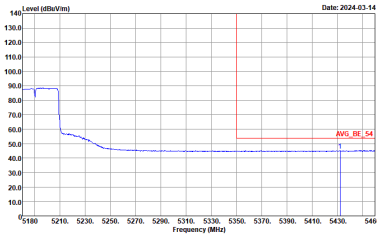


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.820kHz SWT:Auto	Left blank



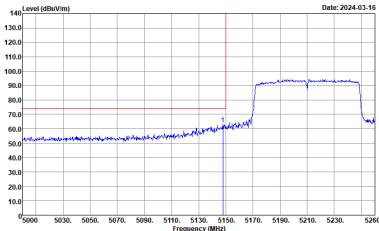
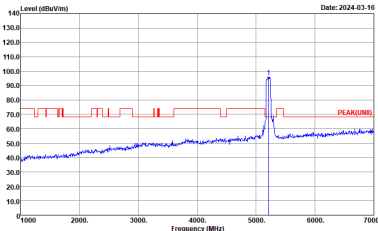
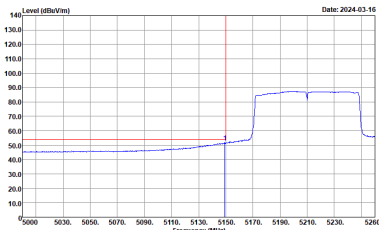
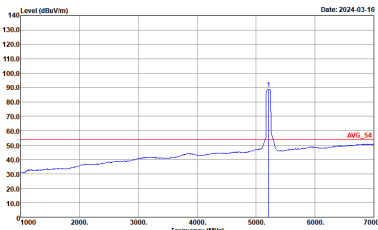
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.820KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.820KHz SWT:Auto



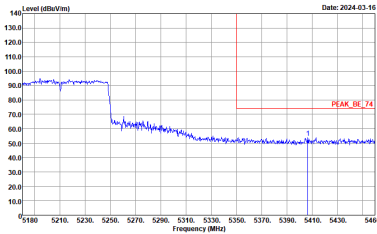
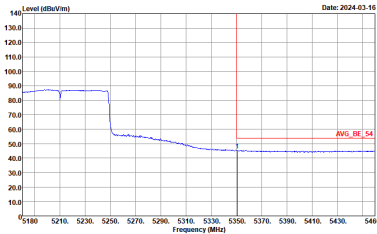
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.820kHz SWT:Auto	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	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.910KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.910KHz SWT:Auto

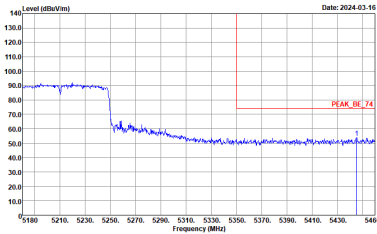
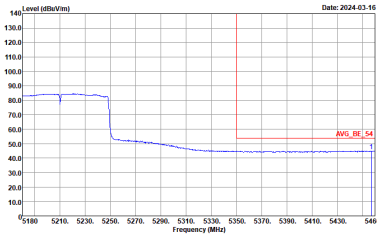


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.910KHz SWT:Auto	Left blank



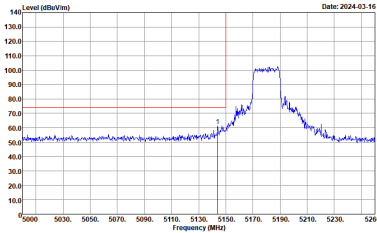
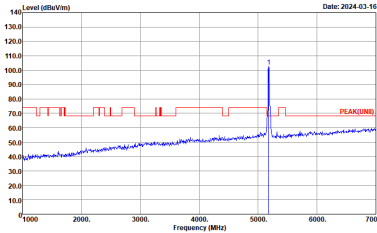
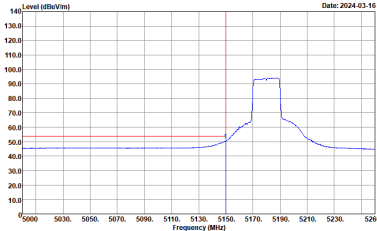
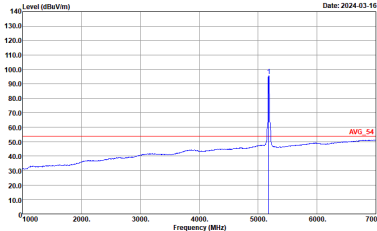
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.910KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.910KHz SWT:Auto



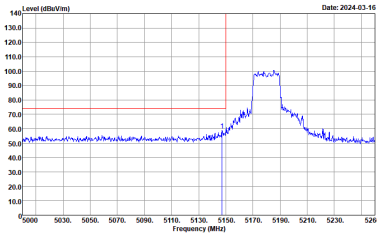
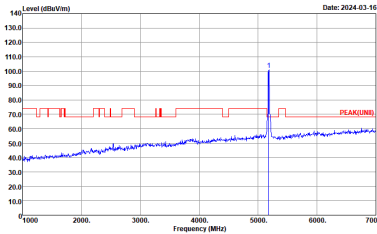
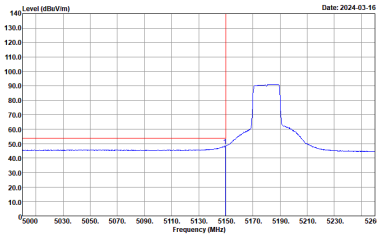
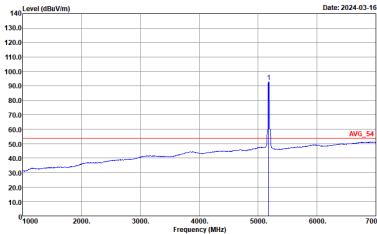
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.910KHz SWT:Auto	Left blank



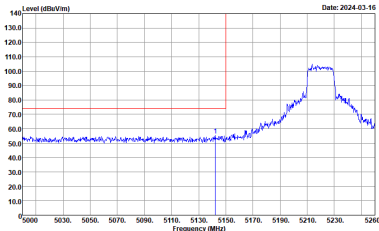
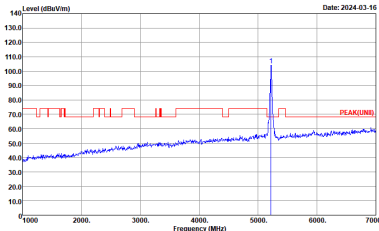
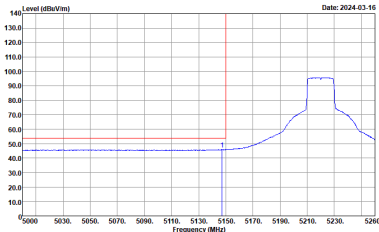
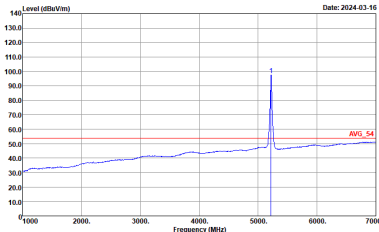
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto

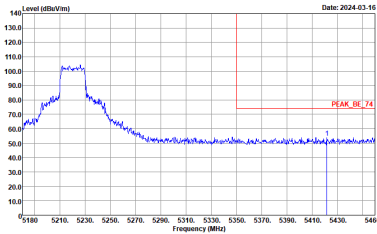
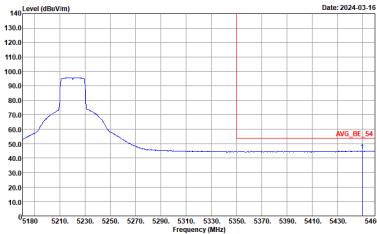


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.270kHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.270kHz SWT:Auto



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(LINE) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto	 Site : 03CH16-HY Condition : : AV6_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto

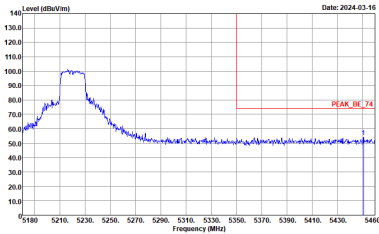
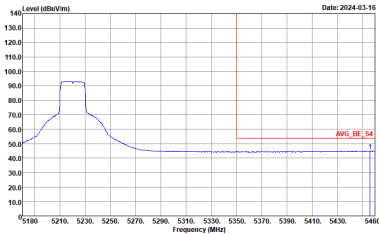


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.270kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.270KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.270KHz SWT:Auto

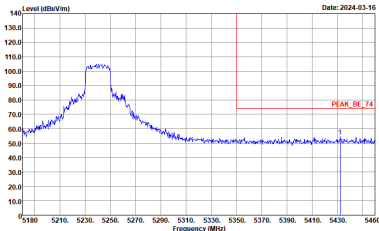
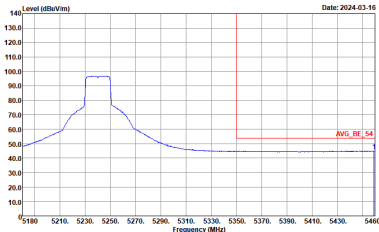


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.270kHz SWT:Auto	Left blank

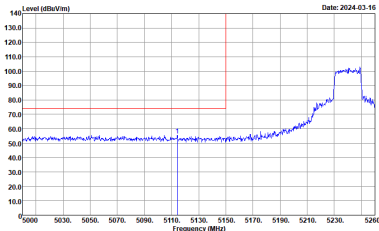
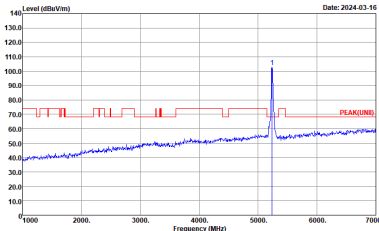
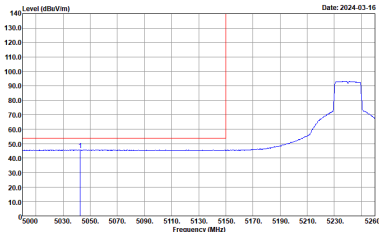
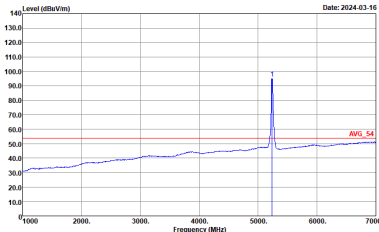


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto

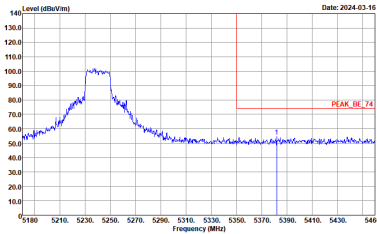
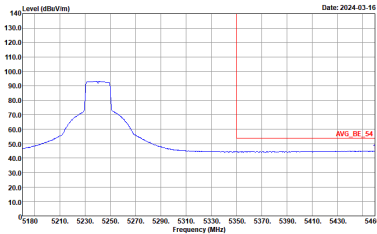


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.270kHz SWT:Auto	Left blank



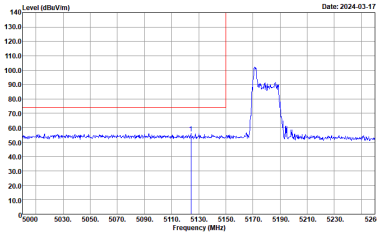
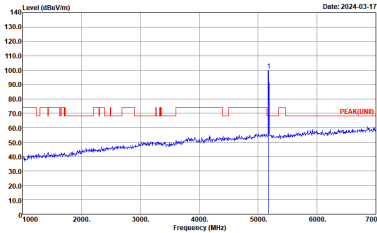
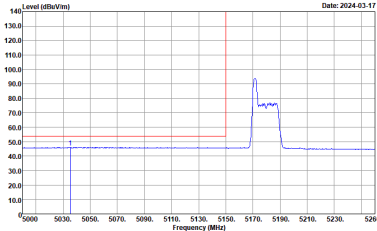
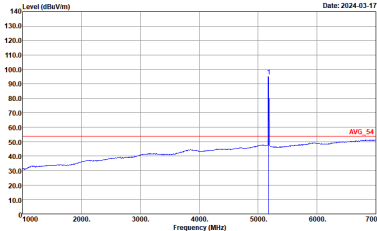
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.270KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.270KHz SWT:Auto



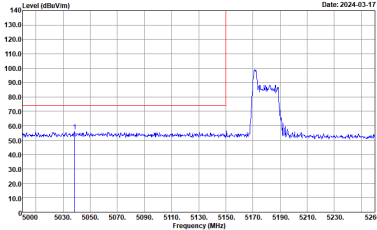
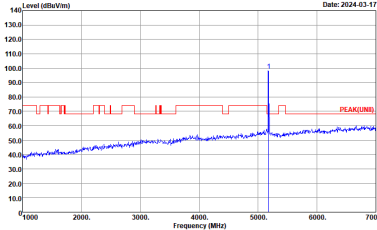
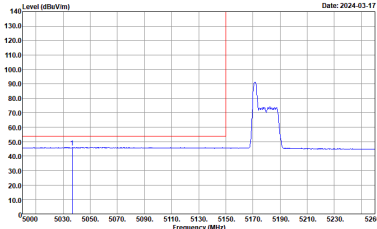
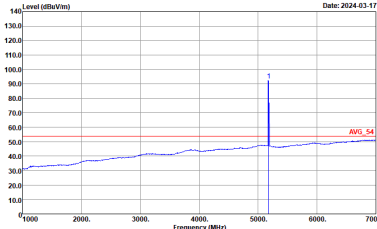
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.270KHz SWT:Auto	Left blank



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

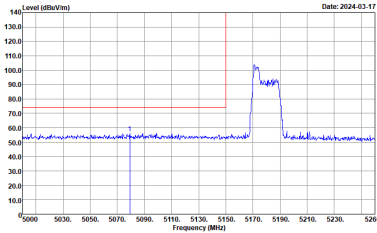
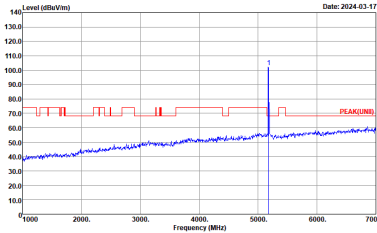
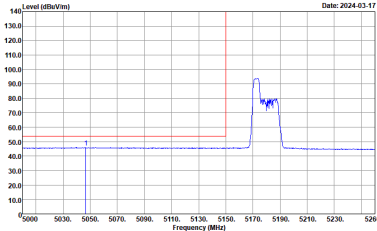
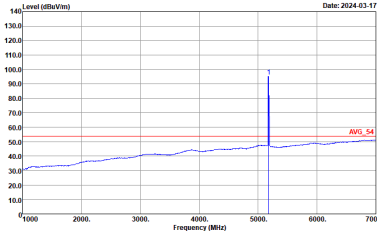
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto



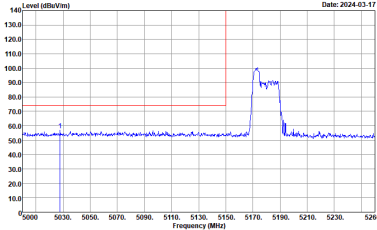
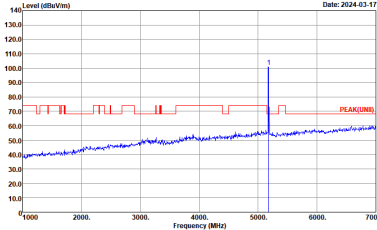
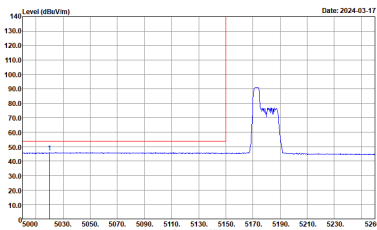
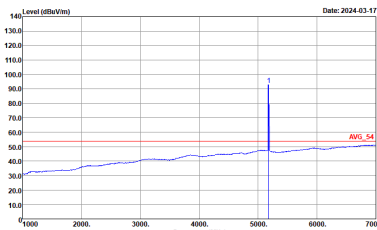
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_FUND 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

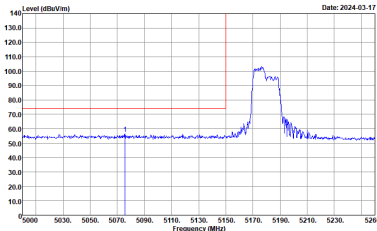
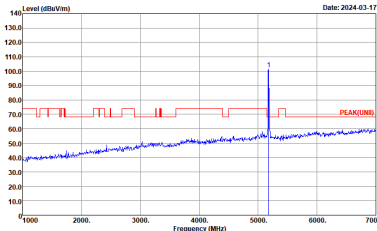
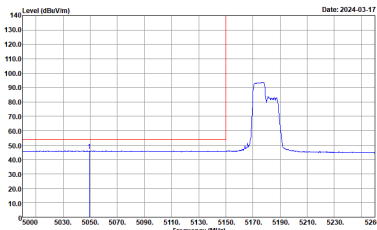
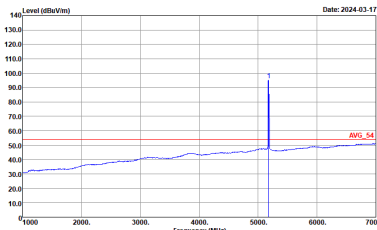
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH16-HY Condition : AVG_FUND 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.750KHz SWT:Auto



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.820KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.820KHz SWT:Auto