

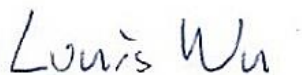


FCC RADIO TEST REPORT

FCC ID : TLZ-CU603
Equipment : Wireless MCU with Integrated Wi-Fi 6
Microcontroller Module
Brand Name : AzureWave
Model Name : AW-CU603
Standard : FCC Part 15 Subpart E §15.407

The product was received on May 07, 2024 and testing was performed from May 22, 2024 to Jul. 31, 2024. We, Sporton International Inc. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR450318B	01	Initial issue of report	Aug. 05, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	1.04 dB under the limit at 11160.00 MHz
3.5	15.207	AC Conducted Emission	Pass	8.31 dB under the limit at 0.44 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: Danny Lee

Report Producer: Wilda Wei



1 General Description

1.1 Applicant

AzureWave Technologies, Inc.

8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231

1.2 Manufacturer

1. AzureWave Technologies, Inc.

8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231

2. AZUREWAVE TECHNOLOGIES (VIETNAM) COMPANY LIMITED

1st floor, building 5, CN3 Land, Deep C 2A Industrial Park, Dinh Vu-Cat Hai Economic Zone, Dong Hai 2 Ward, Hai An District, HaiPhong City, Vietnam

1.3 Product Feature of Equipment Under Test

Product Feature		
General Specs Wi-Fi 2.4GHz 802.11b/g/n/ax and Wi-Fi 5GHz 802.11a/n/ac/ax		
Antenna Type WLAN: PIFA Antenna		
Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	<Ant. 1>: 5 <Ant. 2>: 5
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	<Ant. 1>: 5 <Ant. 2>: 5
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	<Ant. 1>: 5 <Ant. 2>: 5

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



1.4 Modification of EUT

No modifications made to the EUT during the testing.

1.5 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	CO05-HY, 03CH07-HY, TH02-HY

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

FCC designation No.: TW1190

1.6 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.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

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 two antenna degrees (Ant. degrees 0 and Ant. Degrees 90), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	-	-	-	-
	40	5200	48	5240
	-	-		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	-	-	-	-
	56	5280	64	5320
	-	-		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	-	-	116	5580
	104	5520	132	5660
	-	-	-	-
	108	5540	136	5680
	-	-	140	5700

Frequency Band	Channel	Freq. (MHz)
Straddle Channel	144	5720



2.2 Test Mode

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

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.

The power for 802.11n mode is smaller than 802.11ac mode, so all other conducted and radiated test is covered by 802.11ac mode.

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

Modulation		Data Rate
802.11a		6 Mbps
802.11n HT20 (Covered by VHT20)		MCS0
802.11ac VHT20		MCS0
802.11ax HE20		MCS0

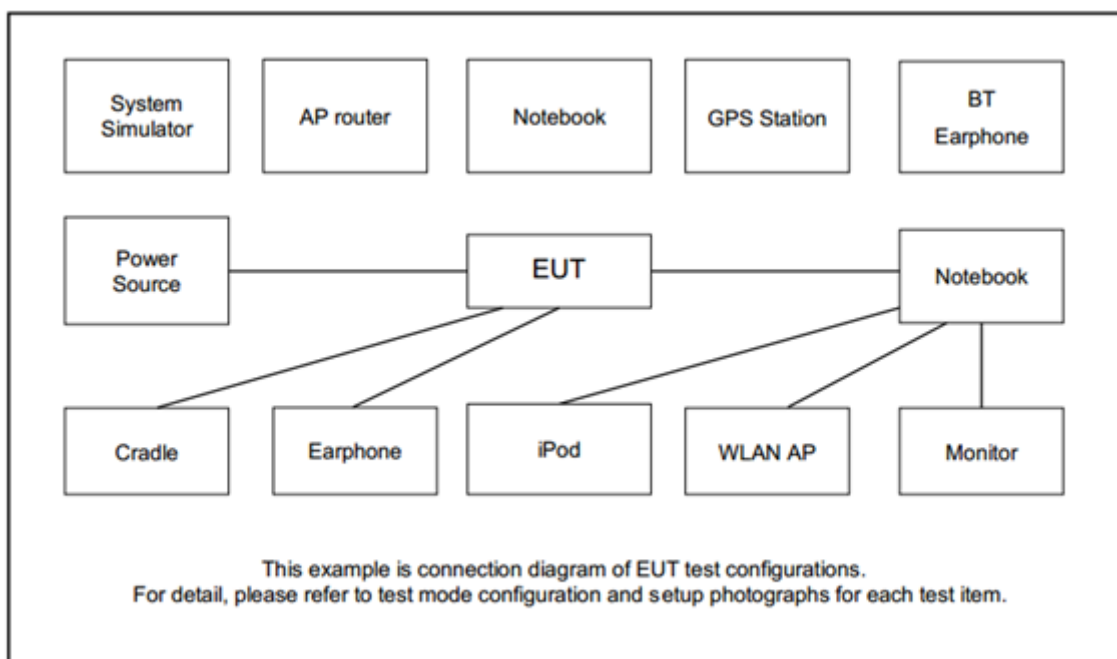
Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Tx

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
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
2.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0m	N/A
3.	Notebook	Lenovo	TP00116A	FCC DoC	Shielded, 1.3m	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Fixture	Azurewave	2603-i1	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “Dut labtool version 2.0.0.10.1” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

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.

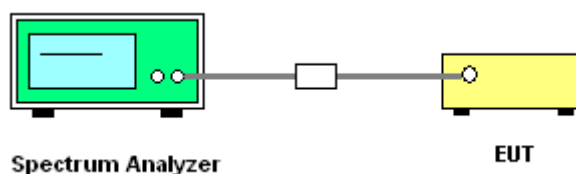
3.1.2 Measuring Instruments

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.

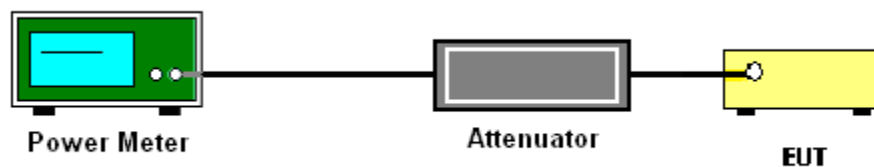
3.2.3 Test Procedures

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.

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.

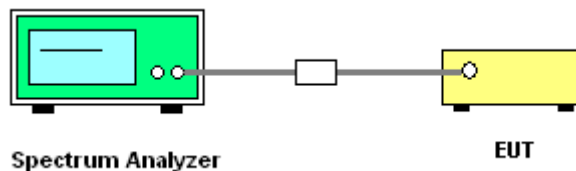
Section F) Maximum power spectral density.

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.

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

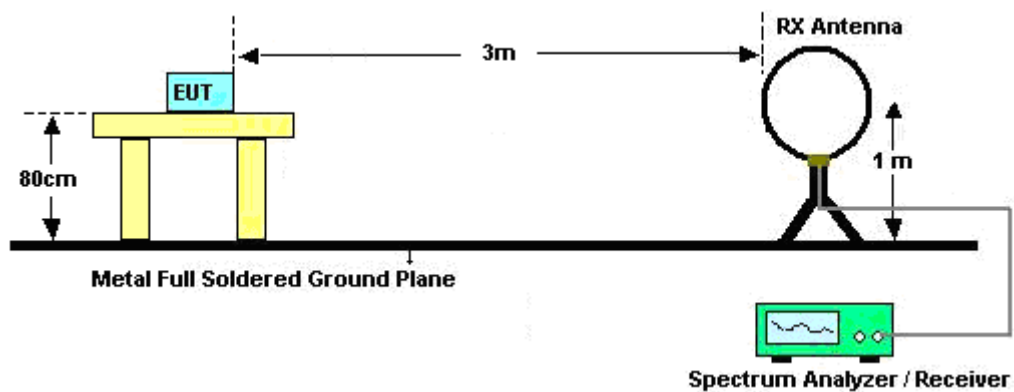
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

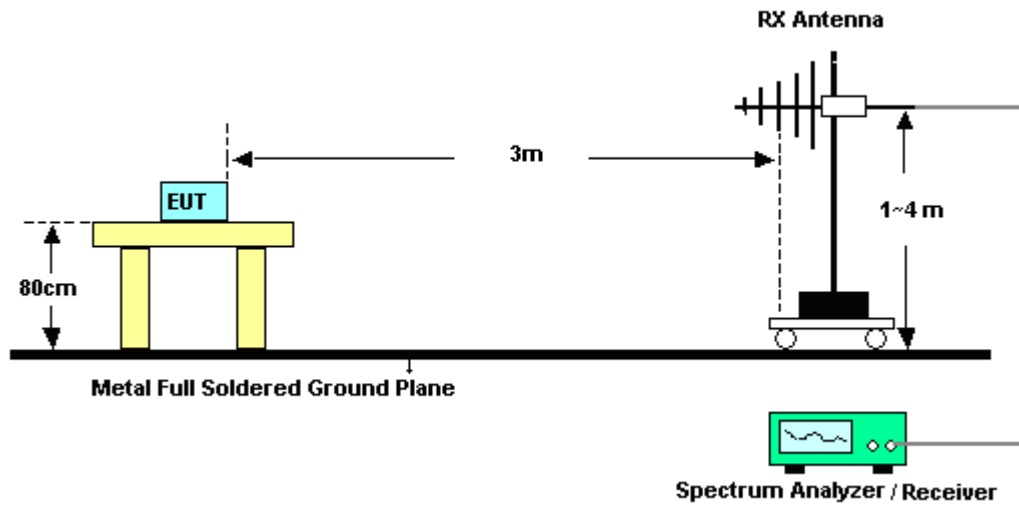
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

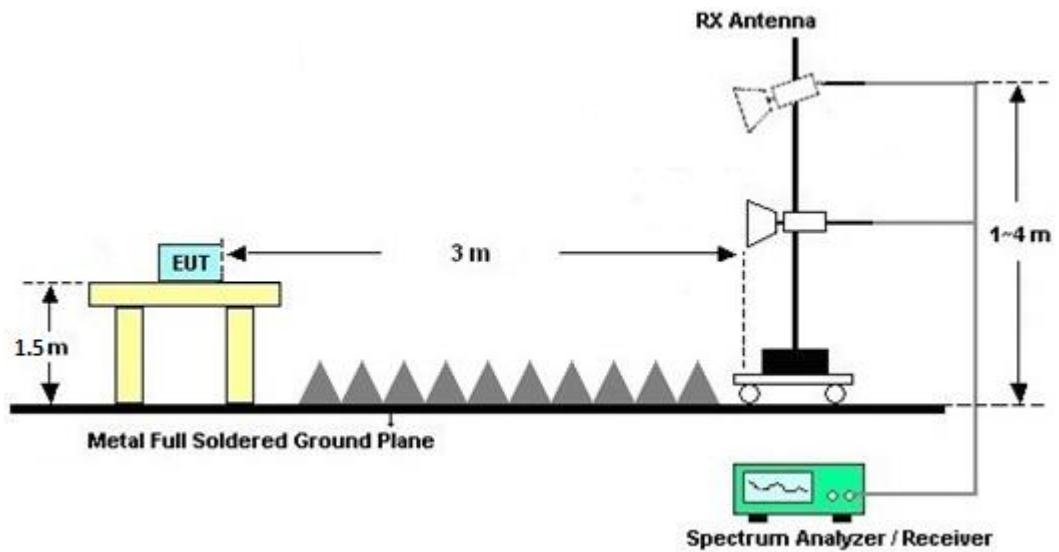
For radiated emissions below 30MHz



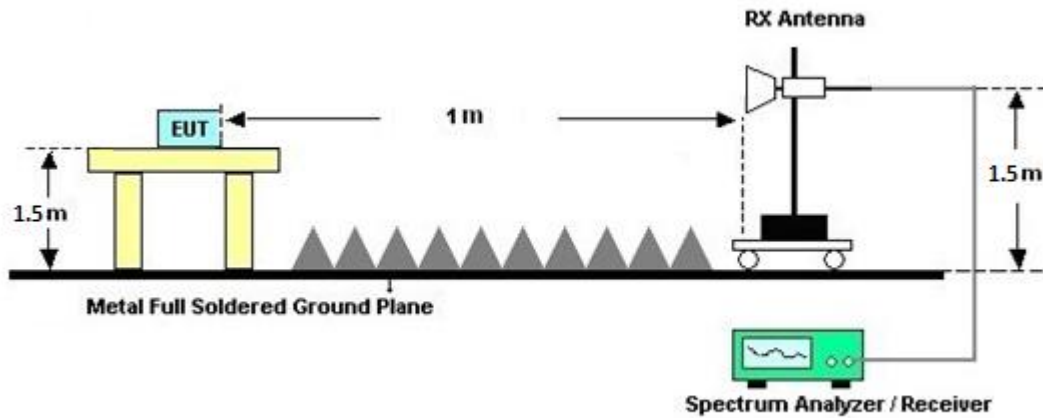
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

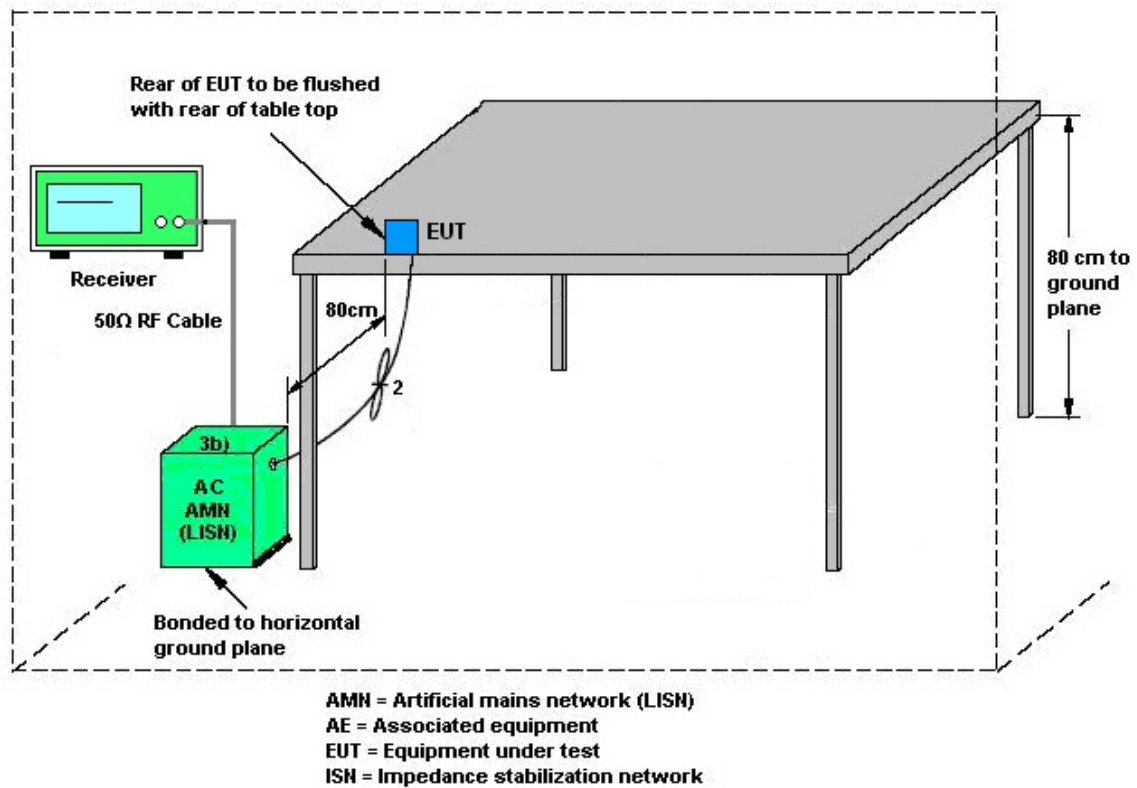
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

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
Hygrometer	TECEP	DTM-303A	TP201996	N/A	Nov. 07, 2023	May 22, 2024~ Jul. 31, 2024	Nov. 06, 2024	Conducted (TH02-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 36 (NO:35_144)	10MHz~6GHz	Aug. 23, 2023	May 22, 2024~ Jul. 31, 2024	Aug. 22, 2024	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	May 22, 2024~ Jul. 31, 2024	Sep. 11, 2024	Conducted (TH02-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35419 & 03	30MHz~1GHz	Apr. 22, 2024	Jun. 27, 2024~ Jul. 22, 2024	Apr. 21, 2025	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Jun. 27, 2024~ Jul. 22, 2024	Feb. 22, 2025	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Nov. 27, 2023	Jun. 27, 2024~ Jul. 22, 2024	Nov. 26, 2024	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 02, 2023	Jun. 27, 2024~ Jul. 22, 2024	Oct. 01, 2024	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 19, 2024	Jun. 27, 2024~ Jul. 22, 2024	Apr. 18, 2025	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 23, 2024	Jun. 27, 2024~ Jul. 22, 2024	Mar. 22, 2025	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 25, 2023	Jun. 27, 2024~ Jul. 22, 2024	Jul. 24, 2024	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 26, 2024	Jun. 27, 2024~ Jul. 22, 2024	Mar. 25, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 21, 2024	Jun. 27, 2024~ Jul. 22, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 21, 2024	Jun. 27, 2024~ Jul. 22, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 15, 2023	Jun. 27, 2024~ Jul. 22, 2024	Sep. 14, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 21, 2024	Jun. 27, 2024~ Jul. 22, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22, 2024	Jun. 27, 2024~ Jul. 22, 2024	Apr. 21, 2025	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Jun. 27, 2024~ Jul. 22, 2024	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Jun. 27, 2024~ Jul. 22, 2024	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Jun. 27, 2024~ Jul. 22, 2024	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jun. 27, 2024~ Jul. 22, 2024	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Jun. 27, 2024~ Jul. 22, 2024	N/A	Radiation (03CH07-HY)
USB Data Logger	TECEP	TR-32	HE17XB2495	N/A	Mar. 01, 2024	Jun. 27, 2024~ Jul. 22, 2024	Feb. 28, 2025	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Nov. 24, 2023	Jun. 27, 2024~ Jul. 22, 2024	Nov. 23, 2024	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 03, 2024	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 06, 2023	Jun. 03, 2024	Dec. 05, 2024	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 26, 2023	Jun. 03, 2024	Oct. 25, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 08, 2023	Jun. 03, 2024	Dec. 07, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 22, 2023	Jun. 03, 2024	Nov. 21, 2024	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jun. 03, 2024	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2023	Jun. 03, 2024	Jul. 27, 2024	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 28, 2023	Jun. 03, 2024	Dec. 27, 2024	Conduction (CO05-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.5 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.3 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.3 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2024/05/22~2024/07/31	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	17.18	16.88	24.78	20.29	-		22.35	22.27	-
11a	6Mbps	1	44	5220	18.43	16.88	33.14	20.51	-		22.66	22.27	
11a	6Mbps	1	48	5240	18.58	16.88	33.46	20.60	-		22.69	22.27	
VHT20	MCS0	1	36	5180	17.73	18.03	21.31	31.51	-		22.49	22.56	
VHT20	MCS0	1	44	5220	18.63	18.53	35.04	35.02	-		22.70	22.68	
VHT20	MCS0	1	48	5240	18.63	18.33	37.49	33.56	-		22.70	22.63	

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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	20.50	21.50	24.00	24.00	5.00	5.00	Pass
11a	6Mbps	1	44	5220	21.80	21.50	24.00	24.00	5.00	5.00	Pass
11a	6Mbps	1	48	5240	21.80	21.50	24.00	24.00	5.00	5.00	Pass
HT20	MCS0	1	36	5180	19.60	22.00	24.00	24.00	5.00	5.00	Pass
HT20	MCS0	1	44	5220	21.60	21.90	24.00	24.00	5.00	5.00	Pass
HT20	MCS0	1	48	5240	22.00	21.90	24.00	24.00	5.00	5.00	Pass
VHT20	MCS0	1	36	5180	19.70	22.10	24.00	24.00	5.00	5.00	Pass
VHT20	MCS0	1	44	5220	21.70	22.00	24.00	24.00	5.00	5.00	Pass
VHT20	MCS0	1	48	5240	22.10	22.00	24.00	24.00	5.00	5.00	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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.05	0.05	8.33	10.27	11.00	11.00	5.00	5.00	Pass
11a	6Mbps	1	44	5220	0.05	0.05	10.85	10.33	11.00	11.00	5.00	5.00	Pass
11a	6Mbps	1	48	5240	0.05	0.05	10.83	10.31	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	36	5180	0.05	0.05	8.27	10.49	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	44	5220	0.05	0.05	10.59	10.43	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	48	5240	0.05	0.05	10.61	10.30	11.00	11.00	5.00	5.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	17.88	16.93	32.09	20.62	23.52	23.29	29.52	29.29	23.98	23.98	-
11a	6Mbps	1	60	5300	16.88	16.93	20.61	21.00	23.27	23.29	29.27	29.29	23.98	23.98	
11a	6Mbps	1	64	5320	16.88	16.93	20.69	20.66	23.27	23.29	29.27	29.29	23.98	23.98	
VHT20	MCS0	1	52	5260	18.43	17.98	38.16	26.90	23.66	23.55	29.66	29.55	23.98	23.98	
VHT20	MCS0	1	60	5300	17.73	17.73	20.74	20.76	23.49	23.49	29.49	29.49	23.98	23.98	
VHT20	MCS0	1	64	5320	17.73	17.73	20.88	20.73	23.49	23.49	29.49	29.49	23.98	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	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	21.70	21.80	23.98	23.98	5.00	5.00	30	Pass
11a	6Mbps	1	60	5300	16.10	17.90	23.98	23.98	5.00	5.00	30	Pass
11a	6Mbps	1	64	5320	17.60	16.20	23.98	23.98	5.00	5.00	30	Pass
HT20	MCS0	1	52	5260	21.90	21.90	23.98	23.98	5.00	5.00	30	Pass
HT20	MCS0	1	60	5300	17.10	17.50	23.98	23.98	5.00	5.00	30	Pass
HT20	MCS0	1	64	5320	16.90	16.50	23.98	23.98	5.00	5.00	30	Pass
VHT20	MCS0	1	52	5260	22.00	22.00	23.98	23.98	5.00	5.00	30	Pass
VHT20	MCS0	1	60	5300	17.20	17.60	23.98	23.98	5.00	5.00	30	Pass
VHT20	MCS0	1	64	5320	17.00	16.60	23.98	23.98	5.00	5.00	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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	0.05	0.05	10.80	10.85	11.00	11.00	5.00	5.00	Pass
11a	6Mbps	1	60	5300	0.05	0.05	4.15	6.39	11.00	11.00	5.00	5.00	Pass
11a	6Mbps	1	64	5320	0.05	0.05	5.35	4.54	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	52	5260	0.05	0.05	10.97	10.25	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	60	5300	0.05	0.05	5.79	6.23	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	64	5320	0.05	0.05	5.62	5.17	11.00	11.00	5.00	5.00	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	16.83	16.98	20.48	20.60	23.26	23.30	29.26	29.30	23.98	23.98	----	----
11a	6Mbps	1	116	5580	16.88	16.88	20.23	20.58	23.27	23.27	29.27	29.27	23.98	23.98	----	----
11a	6Mbps	1	140	5700	16.83	16.88	20.42	20.67	23.26	23.27	29.26	29.27	23.98	23.98	----	----
VHT20	MCS0	1	100	5500	17.73	17.68	20.68	20.67	23.49	23.48	29.49	29.48	23.98	23.98	----	----
VHT20	MCS0	1	116	5580	17.68	17.68	20.62	20.68	23.48	23.48	29.48	29.48	23.98	23.98	----	----
VHT20	MCS0	1	140	5700	17.73	17.73	20.77	20.77	23.49	23.49	29.49	29.49	23.98	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	13.44	13.49	15.23	15.31	22.28	22.30	28.28	28.30	22.83	22.85	3.145	3.15
VHT20	MCS0	1	144	5720	13.89	13.89	15.39	15.36	22.43	22.43	28.43	28.43	22.87	22.86	3.4	3.505
6dB Bandwidth Limit $\geq$ 500kHz															Pass	

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	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	12.90	13.80	23.98	23.98	5.00	5.00	30	Pass
11a	6Mbps	1	116	5580	12.60	12.50	23.98	23.98	5.00	5.00	30	Pass
11a	6Mbps	1	140	5700	16.10	13.00	23.98	23.98	5.00	5.00	30	Pass
HT20	MCS0	1	100	5500	15.10	14.50	23.98	23.98	5.00	5.00	30	Pass
HT20	MCS0	1	116	5580	15.10	13.60	23.98	23.98	5.00	5.00	30	Pass
HT20	MCS0	1	140	5700	16.50	13.00	23.98	23.98	5.00	5.00	30	Pass
VHT20	MCS0	1	100	5500	15.20	14.60	23.98	23.98	5.00	5.00	30	Pass
VHT20	MCS0	1	116	5580	15.20	13.70	23.98	23.98	5.00	5.00	30	Pass
VHT20	MCS0	1	140	5700	16.60	13.10	23.98	23.98	5.00	5.00	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	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	16.60	11.60	22.83	22.85	5.00	5.00	30	Pass
HT20	MCS0	1	144	5720	17.50	11.90	23.98	23.98	5.00	5.00	30	Pass
VHT20	MCS0	1	144	5720	17.60	12.00	22.87	22.86	5.00	5.00	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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	0.05	0.05	3.69	1.92	11.00	11.00	5.00	5.00	Pass
11a	6Mbps	1	116	5580	0.05	0.05	2.29	0.95	11.00	11.00	5.00	5.00	Pass
11a	6Mbps	1	140	5700	0.05	0.05	4.64	1.31	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	100	5500	0.05	0.05	3.99	2.69	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	116	5580	0.05	0.05	3.94	2.09	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	140	5700	0.05	0.05	5.37	1.36	11.00	11.00	5.00	5.00	Pass

U-NII-2C straddle channel 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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	144	5720	0.05	0.05	5.22	-0.08	11.00	11.00	5.00	5.00	Pass
VHT20	MCS0	1	144	5720	0.05	0.05	5.98	0.28	11.00	11.00	5.00	5.00	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	18.83	19.08	21.19	35.22	-		22.75	22.81	-	-
HE20	MCS0	1	44	5220	Full	19.23	19.33	35.70	35.99	-		22.84	22.86		
HE20	MCS0	1	48	5240	Full	19.28	19.23	35.26	36.74	-		22.85	22.84		

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	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	36	5180	Full	19.80	22.20	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	36	5180	26/0	13.60	17.00	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	36	5180	52/37	15.60	16.00	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	36	5180	106/53	18.30	18.80	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	44	5220	Full	21.80	22.10	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	44	5220	26/4	14.30	14.40	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	44	5220	52/38	15.60	16.10	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	44	5220	106/53	18.40	19.10	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	48	5240	Full	22.20	22.10	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	48	5240	26/8	13.80	17.20	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	48	5240	52/40	15.50	16.10	24.00	24.00	5.00	5.00	Pass
HE20	MCS0	1	48	5240	106/54	18.40	18.80	24.00	24.00	5.00	5.00	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	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	36	5180	Full	0.06	0.06	7.31	10.64	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	36	5180	26/0	0.27	0.28	7.27	10.58	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	36	5180	52/37	0.33	0.13	7.24	10.51	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	36	5180	106/53	0.30	0.26	7.14	10.56	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	44	5220	Full	0.06	0.06	10.75	10.55	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	44	5220	26/4	0.27	0.28	10.49	10.18	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	44	5220	52/38	0.33	0.13	10.47	10.30	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	44	5220	106/53	0.30	0.26	10.26	10.47	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	48	5240	Full	0.06	0.06	10.70	10.55	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	48	5240	26/8	0.27	0.28	10.48	10.53	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	48	5240	52/40	0.33	0.13	10.27	10.12	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	48	5240	106/54	0.30	0.26	10.31	10.18	11.00	11.00	5.00	5.00	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	19.18	19.43	39.63	38.76	23.83	23.88	29.83	29.88	23.98	23.98	
HE20	MCS0	1	60	5300	Full	18.78	18.83	20.78	21.01	23.74	23.75	29.74	29.75	23.98	23.98	
HE20	MCS0	1	64	5320	Full	18.83	18.83	20.89	20.86	23.75	23.75	29.75	29.75	23.98	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	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	22.10	22.10	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	52	5260	26/0	13.70	17.00	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	52	5260	52/37	15.50	16.00	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	52	5260	106/53	18.50	18.80	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	60	5300	Full	17.30	17.70	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	60	5300	26/4	9.30	9.70	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	60	5300	52/38	10.10	11.20	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	60	5300	106/53	13.10	14.30	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	64	5320	Full	17.10	16.70	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	64	5320	26/8	11.30	11.20	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	64	5320	52/40	13.30	13.70	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	64	5320	106/54	16.20	16.20	23.98	23.98	5.00	5.00	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna														
Mod.	Data Rate	N _{rx}	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	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	0.06	0.06	10.64	10.57	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	52	5260	26/0	0.27	0.28	10.29	10.53	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	52	5260	52/37	0.33	0.13	10.34	10.29	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	52	5260	106/53	0.30	0.26	10.32	10.46	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	60	5300	Full	0.06	0.06	4.85	5.82	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	60	5300	26/4	0.27	0.28	4.50	5.60	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	60	5300	52/38	0.33	0.13	4.39	5.54	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	60	5300	106/53	0.30	0.26	4.39	5.68	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	64	5320	Full	0.06	0.06	4.86	4.86	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	64	5320	26/8	0.27	0.28	4.68	4.69	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	64	5320	52/40	0.33	0.13	4.53	4.83	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	64	5320	106/54	0.30	0.26	4.73	4.66	11.00	11.00	5.00	5.00	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	18.78	18.83	20.70	20.92	23.74	23.75	29.74	29.75	23.98	23.98	----	----
HE20	MCS0	1	116	5580	Full	18.78	18.83	20.75	20.80	23.74	23.75	29.74	29.75	23.98	23.98	----	----
HE20	MCS0	1	140	5700	Full	18.78	18.83	20.74	20.79	23.74	23.75	29.74	29.75	23.98	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	14.44	14.39	15.53	15.34	22.60	22.58	28.60	28.58	22.91	22.86	3.915	3.895
6dB Bandwidth Limit ≥ 500kHz																Pass	

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	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	15.30	14.70	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	100	5500	26/0	9.50	9.70	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	100	5500	52/37	11.40	11.60	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	100	5500	106/53	13.80	14.10	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	116	5580	Full	15.30	13.80	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	116	5580	26/4	5.90	6.10	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	116	5580	52/38	7.30	7.40	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	116	5580	106/53	10.80	10.30	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	140	5700	Full	16.70	13.20	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	140	5700	26/8	10.60	7.70	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	140	5700	52/40	13.10	10.20	23.98	23.98	5.00	5.00	30	Pass
HE20	MCS0	1	140	5700	106/54	15.80	12.60	23.98	23.98	5.00	5.00	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	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	17.70	12.10	22.91	22.86	5.00	5.00	30	Pass
HE20	MCS0	1	144	5720	26/8	11.50	3.10	22.91	22.86	5.00	5.00	30	Pass
HE20	MCS0	1	144	5720	52/40	10.40	5.30	22.91	22.86	5.00	5.00	30	Pass
HE20	MCS0	1	144	5720	106/54	14.00	8.80	22.91	22.86	5.00	5.00	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	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	100	5500	Full	0.06	0.06	2.63	2.55	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	100	5500	26/0	0.27	0.28	2.61	2.54	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	100	5500	52/37	0.33	0.13	2.59	2.38	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	100	5500	106/53	0.30	0.26	2.45	2.38	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	116	5580	Full	0.06	0.06	2.32	1.88	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	116	5580	26/4	0.27	0.28	1.88	1.59	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	116	5580	52/38	0.33	0.13	1.95	1.87	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	116	5580	106/53	0.30	0.26	2.10	1.65	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	140	5700	Full	0.06	0.06	4.31	1.15	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	140	5700	26/8	0.27	0.28	3.89	1.03	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	140	5700	52/40	0.33	0.13	4.23	1.13	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	140	5700	106/54	0.30	0.26	4.30	0.88	11.00	11.00	5.00	5.00	Pass

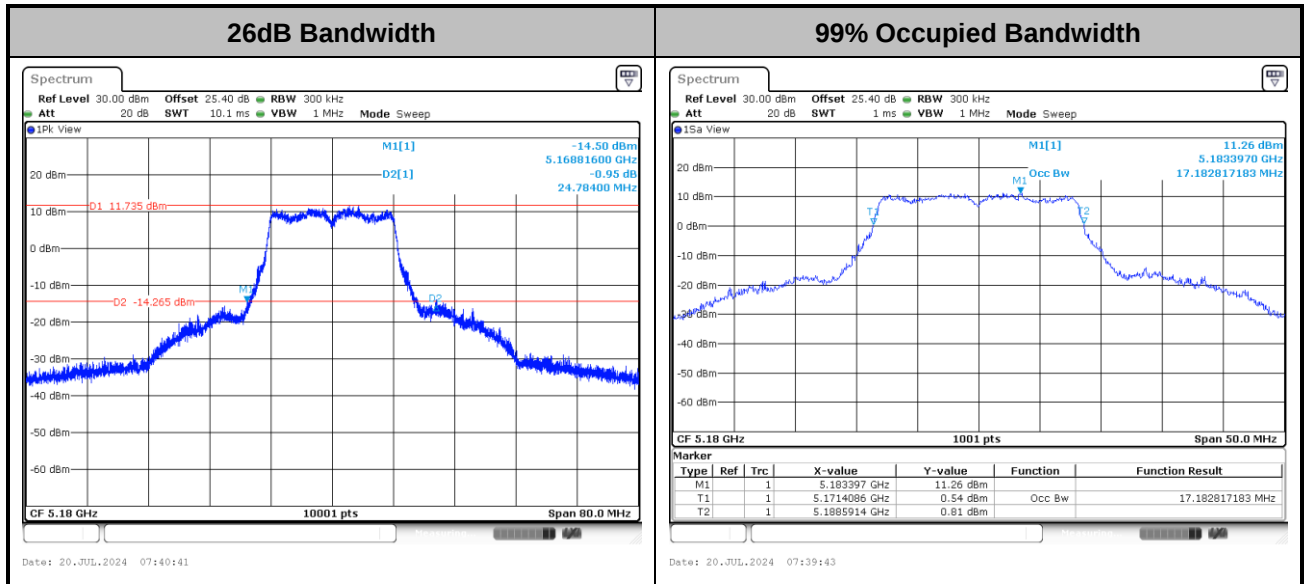
U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	144	5720	Full	0.06	0.06	5.04	0.08	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	144	5720	26/8	0.27	0.28	4.66	-0.10	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	144	5720	52/40	0.33	0.13	4.65	-0.16	11.00	11.00	5.00	5.00	Pass
HE20	MCS0	1	144	5720	106/54	0.30	0.26	4.96	-0.39	11.00	11.00	5.00	5.00	Pass



<Ant. 1>

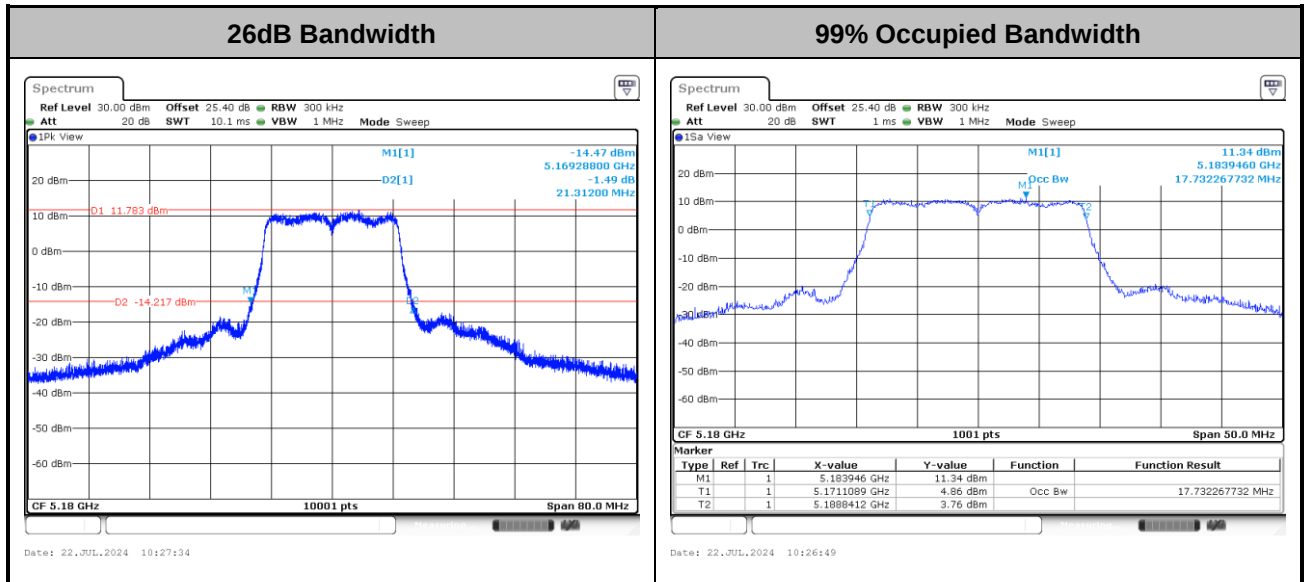
Test Result of 26dB & 99% Occupied Bandwidth

<802.11a>



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

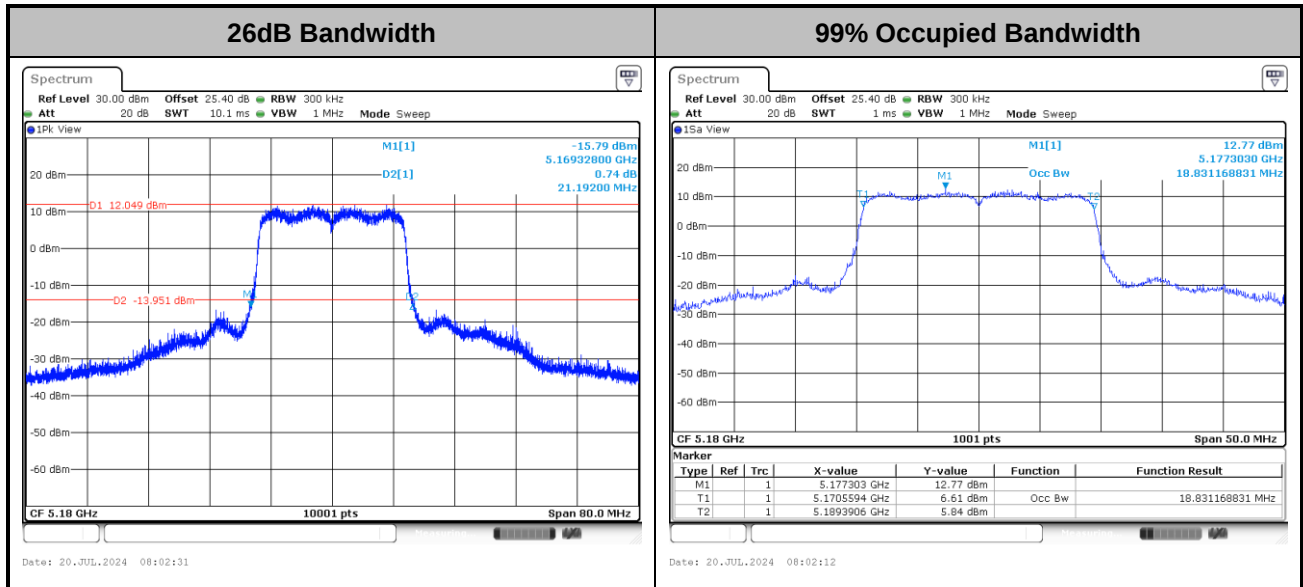
<802.11ac VHT20>



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



<802.11ax HE20>

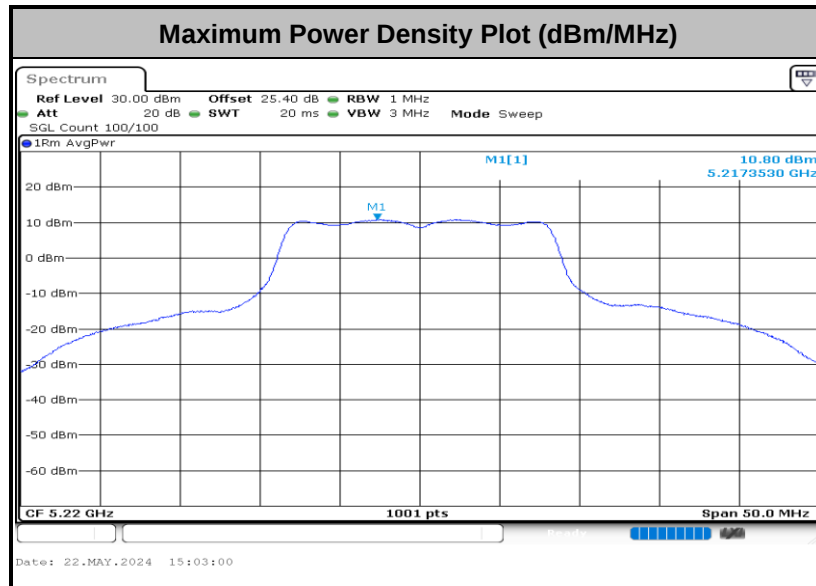


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

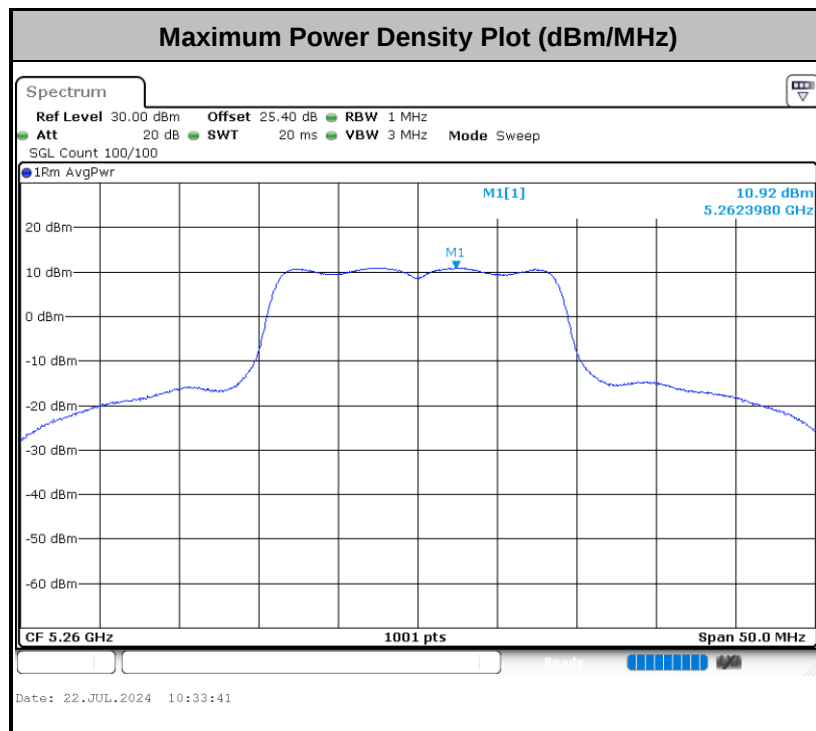


Test Result of Power Spectral Density

<802.11a>

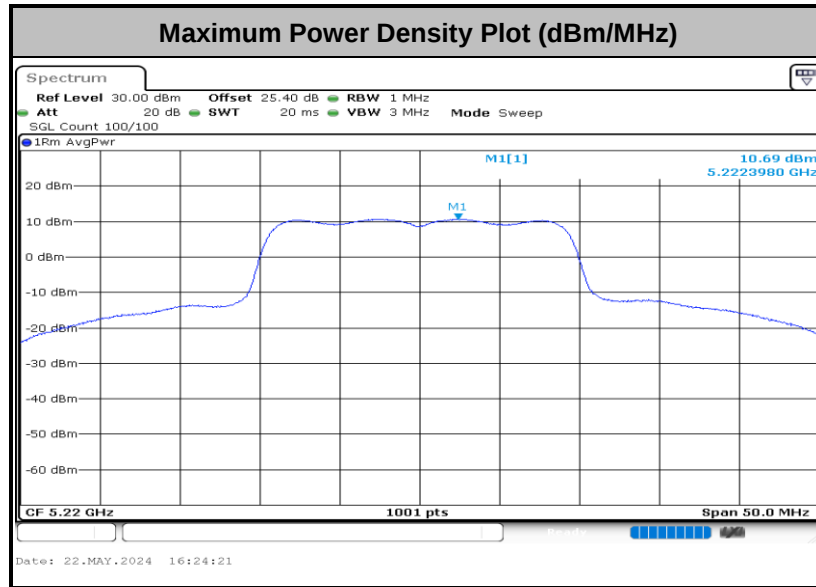


<802.11ac VHT20>





<802.11ax HE20>

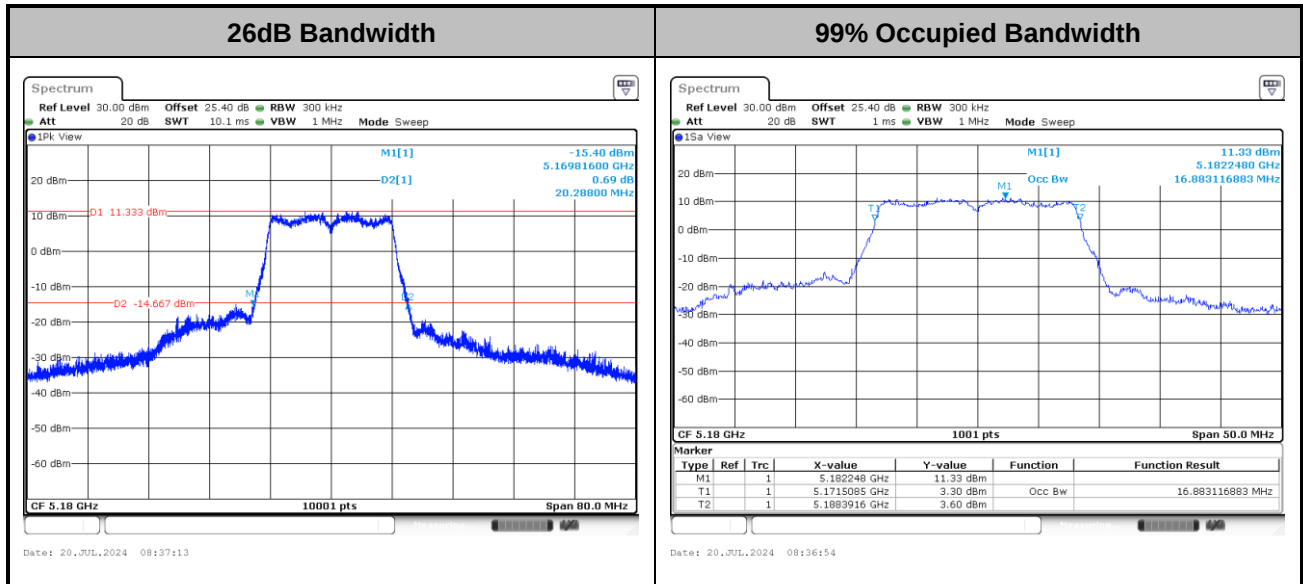




<Ant. 2>

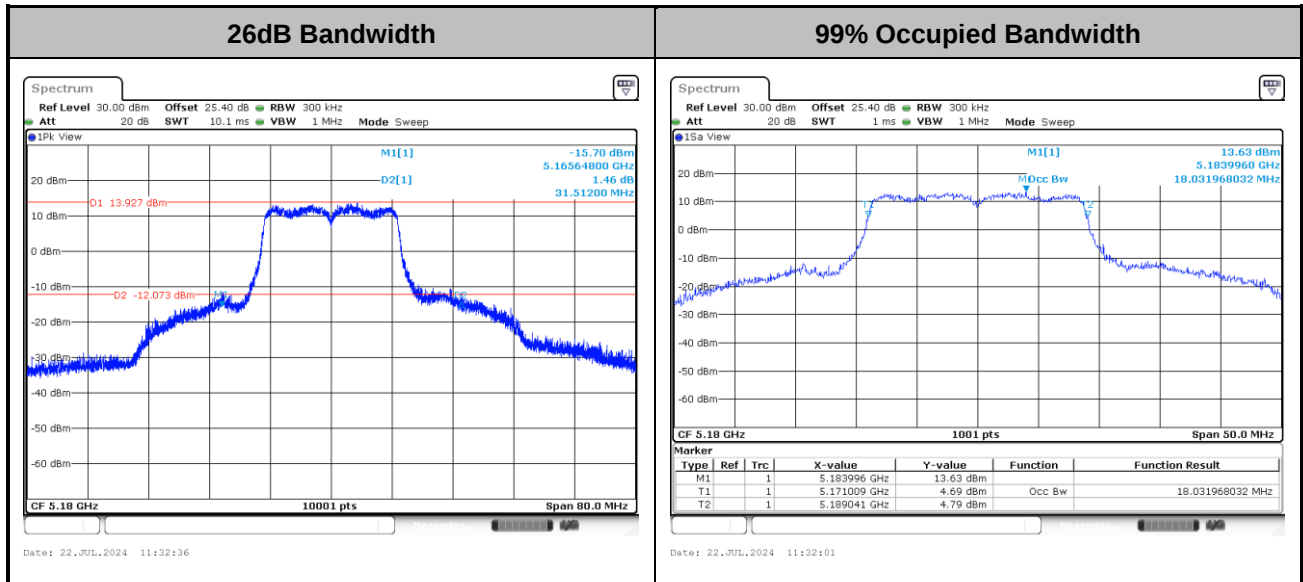
Test Result of 26dB & 99% Occupied Bandwidth

<802.11a>



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

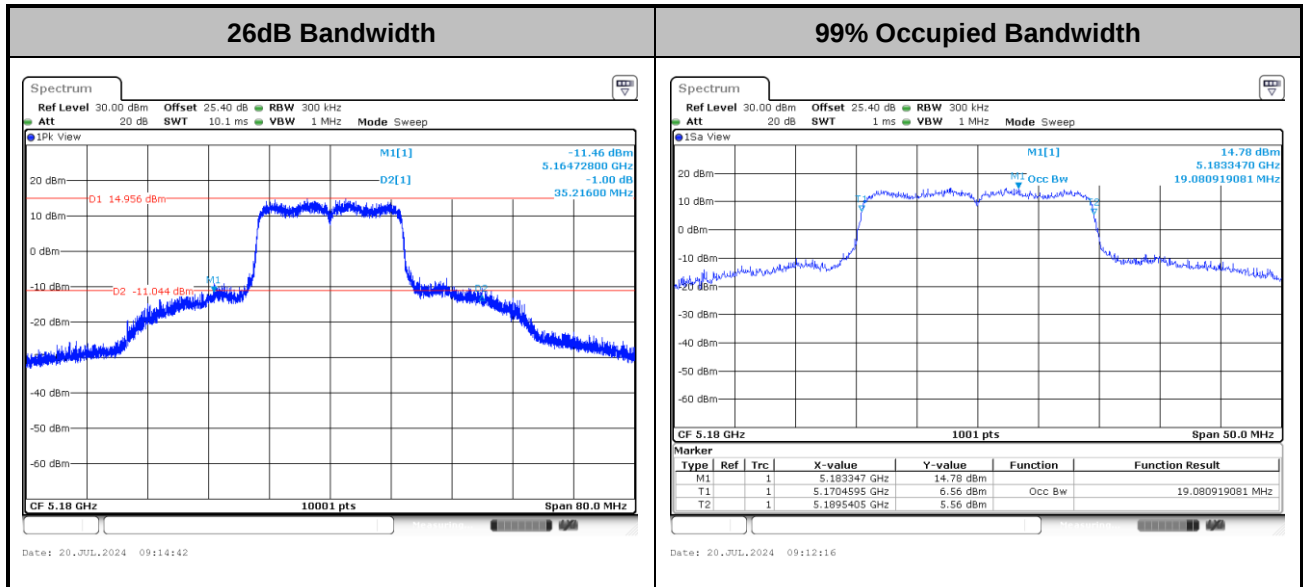
<802.11ac VHT20>



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



<802.11ax HE20>

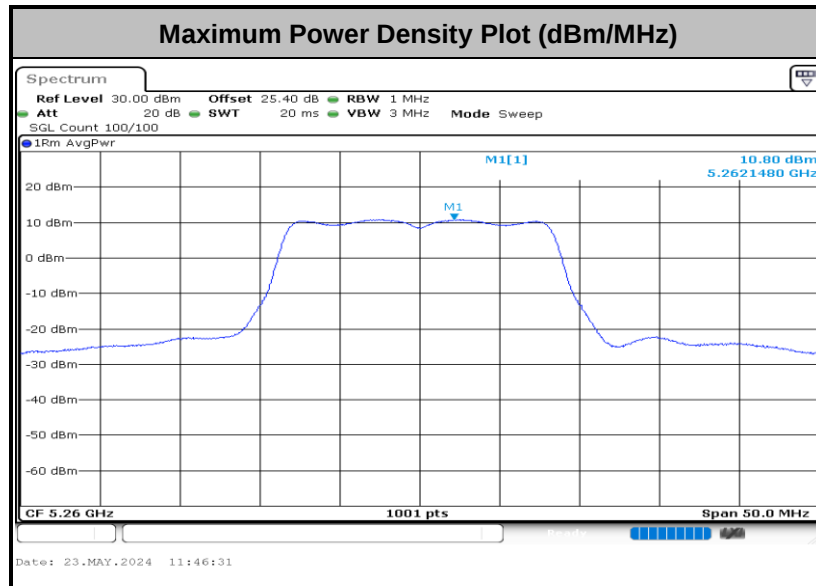


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

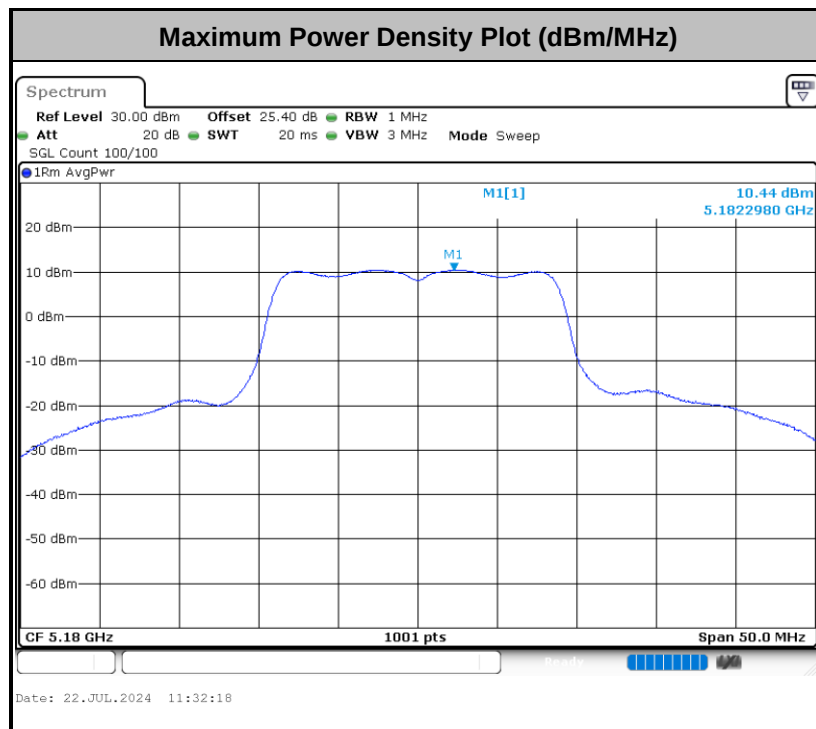


Test Result of Power Spectral Density

<802.11a>

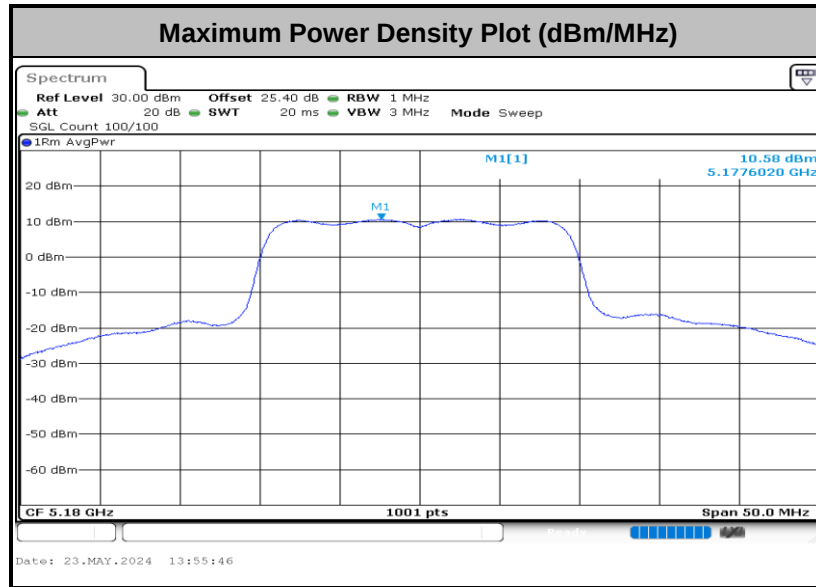


<802.11ac VHT20>





<802.11ax HE20>





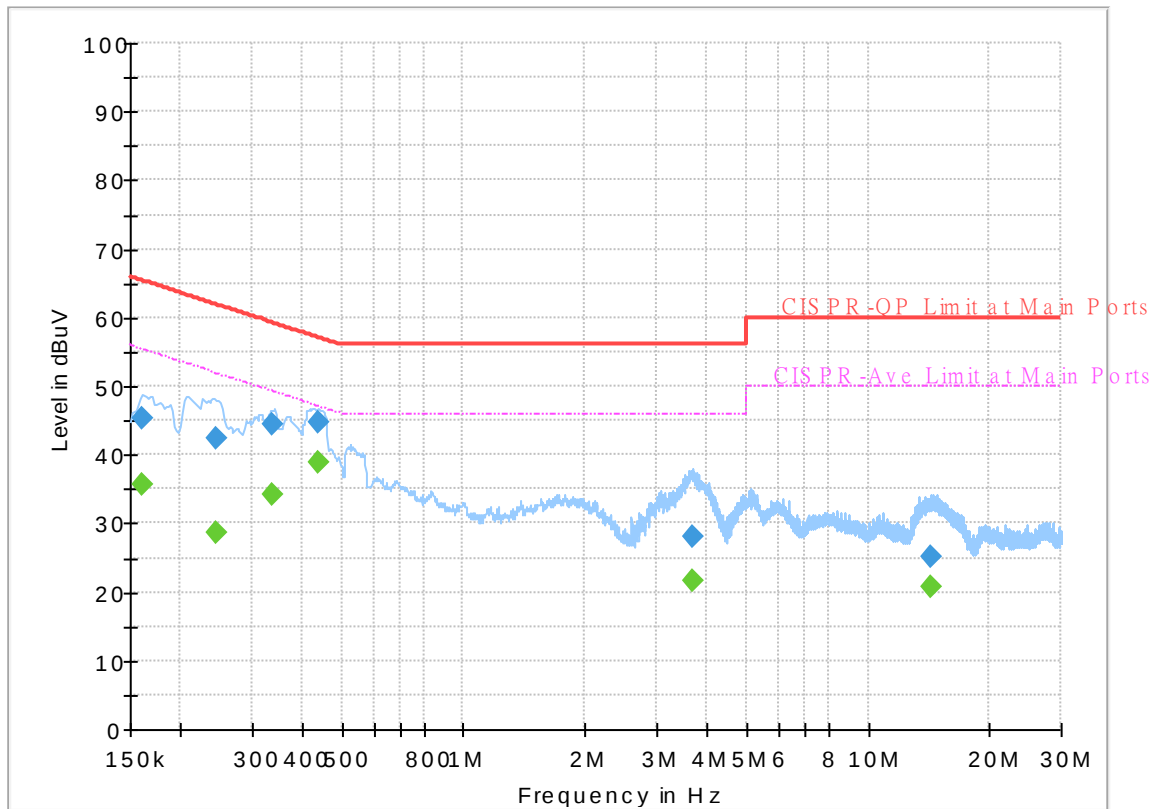
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 450318
 Test Mode : Mode 1
 Test Voltage : Power From System
 Phase : Line

Full Spectrum



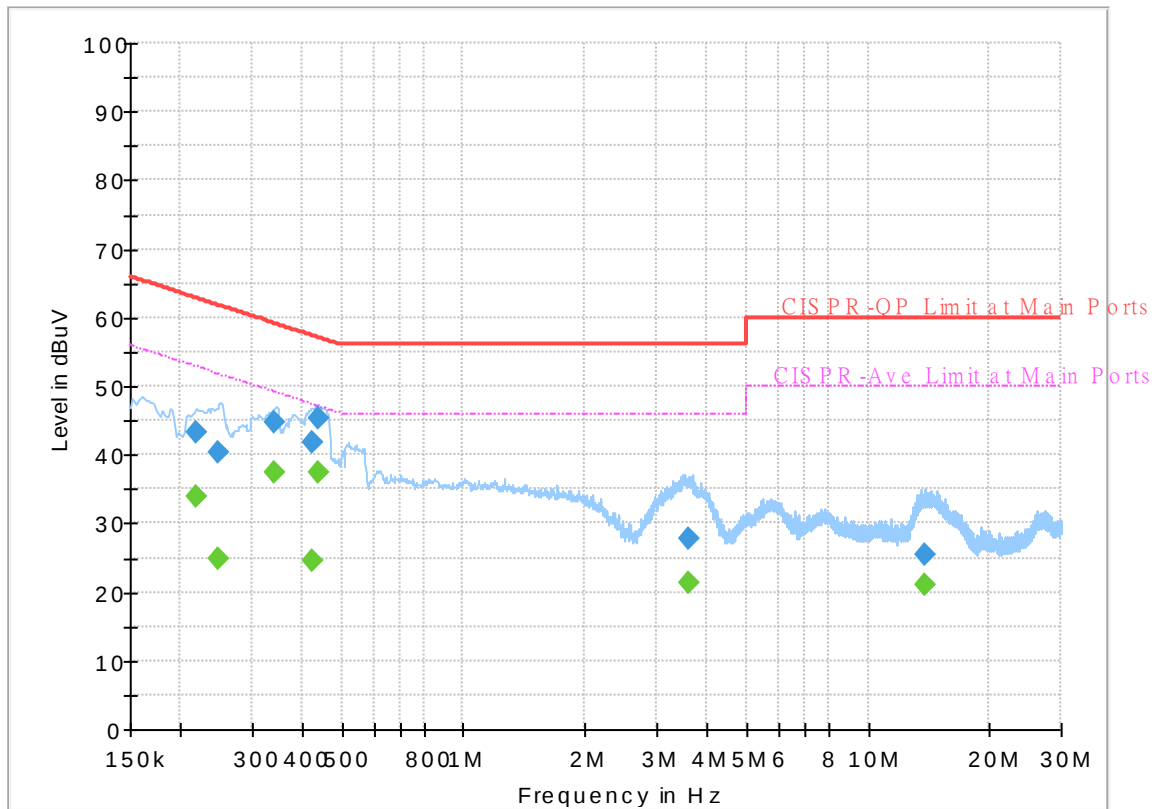
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	35.66	55.40	19.74	L1	OFF	19.8
0.161250	45.19	---	65.40	20.21	L1	OFF	19.8
0.244500	---	28.68	51.94	23.26	L1	OFF	19.8
0.244500	42.51	---	61.94	19.43	L1	OFF	19.8
0.336750	---	34.35	49.28	14.93	L1	OFF	19.8
0.336750	44.52	---	59.28	14.76	L1	OFF	19.8
0.435750	---	38.83	47.14	8.31	L1	OFF	19.8
0.435750	44.70	---	57.14	12.44	L1	OFF	19.8
3.684750	---	21.64	46.00	24.36	L1	OFF	19.8
3.684750	28.03	---	56.00	27.97	L1	OFF	19.8
14.325000	---	20.82	50.00	29.18	L1	OFF	19.9
14.325000	25.08	---	60.00	34.92	L1	OFF	19.9

EUT Information

Report NO : 450318
Test Mode : Mode 1
Test Voltage : Power From System
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.217500	---	34.01	52.91	18.90	N	OFF	19.8
0.217500	43.14	---	62.91	19.77	N	OFF	19.8
0.246750	---	24.94	51.87	26.93	N	OFF	19.8
0.246750	40.43	---	61.87	21.44	N	OFF	19.8
0.341250	---	37.42	49.17	11.75	N	OFF	19.8
0.341250	44.71	---	59.17	14.46	N	OFF	19.8
0.424500	---	24.65	47.36	22.71	N	OFF	19.8
0.424500	41.69	---	57.36	15.67	N	OFF	19.8
0.438000	---	37.41	47.10	9.69	N	OFF	19.8
0.438000	45.24	---	57.10	11.86	N	OFF	19.8
3.608250	---	21.26	46.00	24.74	N	OFF	19.8
3.608250	27.92	---	56.00	28.08	N	OFF	19.8
13.791750	---	21.14	50.00	28.86	N	OFF	20.0
13.791750	25.32	---	60.00	34.68	N	OFF	20.0



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	23.9~26.8°C
		Relative Humidity :	43~68.2%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.2	62.7	-11.3	74	50.76	34.29	12.33	34.68	378	183	P	H
		5150	52.57	-1.43	54	40.61	34.3	12.34	34.68	378	183	A	H
	*	5180	110.5	-	-	98.37	34.42	12.39	34.68	378	183	P	H
	*	5180	103.26	-	-	91.13	34.42	12.39	34.68	378	183	A	H
													H
													H
		5149.24	57.17	-16.83	74	45.22	34.3	12.33	34.68	324	218	P	V
		5150	48.15	-5.85	54	36.19	34.3	12.34	34.68	324	218	A	V
	*	5182	108.76	-	-	96.62	34.43	12.39	34.68	324	218	P	V
	*	5180	101.74	-	-	89.61	34.42	12.39	34.68	324	218	A	V
													V
													V
802.11a CH 44 5220MHz		5145.34	51.05	-22.95	74	39.13	34.27	12.33	34.68	100	92	P	H
		5149.76	41.64	-12.36	54	29.69	34.3	12.33	34.68	100	92	A	H
	*	5220	111.12	-	-	98.78	34.58	12.43	34.67	100	92	P	H
	*	5220	104.16	-	-	91.82	34.58	12.43	34.67	100	92	A	H
		5416.88	50.56	-23.44	74	37.88	34.73	12.58	34.63	100	92	P	H
		5377.4	40.42	-13.58	54	27.77	34.75	12.54	34.64	100	92	A	H
		5148.46	50.08	-23.92	74	38.14	34.29	12.33	34.68	318	217	P	V
		5120.12	40.99	-13.01	54	29.28	34.12	12.28	34.69	318	217	A	V
	*	5220	109.2	-	-	96.86	34.58	12.43	34.67	318	217	P	V
	*	5220	102.22	-	-	89.88	34.58	12.43	34.67	318	217	A	V
		5451.6	49.2	-24.8	74	36.41	34.8	12.62	34.63	318	217	P	V
		5452.72	40.19	-13.81	54	27.4	34.8	12.62	34.63	318	217	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		5065	50.2	-23.8	74	38.71	34	12.19	34.7	100	92	P	H
		5150	41.15	-12.85	54	29.19	34.3	12.34	34.68	100	92	A	H
	*	5240	110.18	-	-	97.74	34.66	12.45	34.67	100	92	P	H
	*	5240	103.31	-	-	90.87	34.66	12.45	34.67	100	92	A	H
		5454.4	49.91	-24.09	74	37.12	34.8	12.62	34.63	100	92	P	H
		5407.64	40.31	-13.69	54	27.66	34.72	12.57	34.64	100	92	A	H
		5124.02	51.06	-22.94	74	39.32	34.14	12.29	34.69	400	226	P	V
		5120.12	40.93	-13.07	54	29.22	34.12	12.28	34.69	400	226	A	V
	*	5240	107.7	-	-	95.26	34.66	12.45	34.67	400	226	P	V
	*	5240	101.88	-	-	89.44	34.66	12.45	34.67	400	226	A	V
		5390.56	49.1	-24.9	74	36.47	34.72	12.55	34.64	400	226	P	V
		5392.52	40.2	-13.8	54	27.58	34.71	12.55	34.64	400	226	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	60.99	-7.21	68.2	63.74	37.48	18.66	58.89	400	237	P	H
		15540	54.7	-19.3	74	48.36	40.18	22.73	56.57	234	350	P	H
		15540	47.45	-6.55	54	41.11	40.18	22.73	56.57	234	350	A	H
													H
													H
													H
													H
													H
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													H
													H
													H
		10360	61.04	-7.16	68.2	63.79	37.48	18.66	58.89	400	179	P	V
		15540	52.55	-21.45	74	46.21	40.18	22.73	56.57	100	299	P	V
		15540	45.85	-8.15	54	39.51	40.18	22.73	56.57	100	299	A	V
													V
													V
													V
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													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	62.4	-5.8	68.2	65.04	37.4	18.71	58.75	100	255	P	H
		15660	54.02	-19.98	74	47.04	40.58	22.84	56.44	100	349	P	H
		15660	48.17	-5.83	54	41.19	40.58	22.84	56.44	100	349	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	62.5	-5.7	68.2	65.14	37.4	18.71	58.75	100	161	P	V
		15660	55.47	-18.53	74	48.49	40.58	22.84	56.44	100	287	P	V
		15660	46.45	-7.55	54	39.47	40.58	22.84	56.44	100	287	A	V
													V
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													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	62.2	-6	68.2	64.68	37.46	18.74	58.68	100	257	P	H
		15720	56.48	-17.52	74	49.03	40.94	22.88	56.37	100	350	P	H
		15720	48.67	-5.33	54	41.22	40.94	22.88	56.37	100	350	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10480	62.41	-5.79	68.2	64.89	37.46	18.74	58.68	400	156	P	V
		15720	54.16	-19.84	74	46.71	40.94	22.88	56.37	100	289	P	V
		15720	46.54	-7.46	54	39.09	40.94	22.88	56.37	100	289	A	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.												



Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		5148.46	60.73	-13.27	74	48.79	34.29	12.33	34.68	378	183	P	H
		5150	52.79	-1.21	54	40.83	34.3	12.34	34.68	378	183	A	H
	*	5180	109.72	-	-	97.59	34.42	12.39	34.68	378	183	P	H
	*	5180	101.92	-	-	89.79	34.42	12.39	34.68	378	183	A	H
													H
													H
		5144.82	57.6	-16.4	74	45.68	34.27	12.33	34.68	324	218	P	V
		5150	48.7	-5.3	54	36.74	34.3	12.34	34.68	324	218	A	V
	*	5180	108.05	-	-	95.92	34.42	12.39	34.68	324	218	P	V
	*	5180	100.65	-	-	88.52	34.42	12.39	34.68	324	218	A	V
													V
													V
802.11ax HE20 Full CH 44 5220MHz		5148.2	52.5	-21.5	74	40.56	34.29	12.33	34.68	100	92	P	H
		5142.74	42.15	-11.85	54	30.25	34.26	12.32	34.68	100	92	A	H
	*	5220	111.56	-	-	99.22	34.58	12.43	34.67	100	92	P	H
	*	5220	104.2	-	-	91.86	34.58	12.43	34.67	100	92	A	H
		5381.32	49.53	-24.47	74	36.88	34.74	12.55	34.64	100	92	P	H
		5377.4	40.54	-13.46	54	27.89	34.75	12.54	34.64	100	92	A	H
		5138.84	49.9	-24.1	74	38.04	34.23	12.32	34.69	306	217	P	V
		5148.2	41.74	-12.26	54	29.8	34.29	12.33	34.68	306	217	A	V
	*	5220	109.44	-	-	97.1	34.58	12.43	34.67	306	217	P	V
	*	5220	102.12	-	-	89.78	34.58	12.43	34.67	306	217	A	V
		5365.64	49.27	-24.73	74	36.6	34.77	12.54	34.64	306	217	P	V
		5452.72	40.23	-13.77	54	27.44	34.8	12.62	34.63	306	217	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 48 5240MHz		5102.44	50.8	-23.2	74	39.23	34.01	12.25	34.69	105	91	P	H
		5149.76	41.37	-12.63	54	29.42	34.3	12.33	34.68	105	91	A	H
	*	5240	111.09	-	-	98.65	34.66	12.45	34.67	105	91	P	H
	*	5240	104.41	-	-	91.97	34.66	12.45	34.67	105	91	A	H
		5437.88	49.39	-24.61	74	36.64	34.78	12.6	34.63	105	91	P	H
		5392.8	40.35	-13.65	54	27.73	34.71	12.55	34.64	105	91	A	H
		5148.2	49.89	-24.11	74	37.95	34.29	12.33	34.68	387	226	P	V
		5149.5	40.94	-13.06	54	28.99	34.3	12.33	34.68	387	226	A	V
	*	5240	106.92	-	-	94.48	34.66	12.45	34.67	387	226	P	V
	*	5240	100.52	-	-	88.1	34.64	12.45	34.67	387	226	A	V
		5421.92	49.19	-24.81	74	36.5	34.74	12.58	34.63	387	226	P	V
		5458.32	40.33	-13.67	54	27.54	34.8	12.62	34.63	387	226	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)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		10440	64.69	-3.51	68.2	67.33	37.4	18.71	58.75	370	195	P	H
		15660	56.7	-17.3	74	49.72	40.58	22.84	56.44	100	15	P	H
		15660	46.65	-7.35	54	39.67	40.58	22.84	56.44	100	15	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	61.67	-6.53	68.2	64.31	37.4	18.71	58.75	100	33	P	V
		15660	56.58	-17.42	74	49.6	40.58	22.84	56.44	100	303	P	V
		15660	47.07	-6.93	54	40.09	40.58	22.84	56.44	100	303	A	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 48 5240MHz		10480	64.4	-3.8	68.2	66.88	37.46	18.74	58.68	367	195	P	H
		15720	60.24	-13.76	74	52.79	40.94	22.88	56.37	229	349	P	H
		15720	50.14	-3.86	54	42.69	40.94	22.88	56.37	229	349	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10480	61.23	-6.97	68.2	63.71	37.46	18.74	58.68	100	34	P	V
		15720	56.94	-17.06	74	49.49	40.94	22.88	56.37	100	304	P	V
		15720	48.02	-5.98	54	40.57	40.94	22.88	56.37	100	304	A	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5147.94	64.04	-9.96	74	52.1	34.29	12.33	34.68	400	185	P	H
		5147.68	52.04	-1.96	54	40.1	34.29	12.33	34.68	400	185	A	H
	*	5180	116.62	-	-	104.49	34.42	12.39	34.68	400	185	P	H
	*	5180	108.18	-	-	96.05	34.42	12.39	34.68	400	185	A	H
													H
													H
		5144.82	60.38	-13.62	74	48.46	34.27	12.33	34.68	297	221	P	V
		5147.94	48.64	-5.36	54	36.7	34.29	12.33	34.68	297	221	A	V
	*	5180	111.13	-	-	99	34.42	12.39	34.68	297	221	P	V
	*	5180	102.34	-	-	90.21	34.42	12.39	34.68	297	221	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 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5140.35	51.06	-22.94	74	39.18	34.24	12.32	34.68	100	90	P	H
		5147.7	41.3	-12.7	54	29.36	34.29	12.33	34.68	100	90	A	H
	*	5260	112.06	-	-	99.58	34.68	12.46	34.66	100	90	P	H
	*	5260	105.26	-	-	92.78	34.68	12.46	34.66	100	90	A	H
		5413.2	50.68	-23.32	74	38.02	34.73	12.57	34.64	100	90	P	H
		5350.08	40.51	-13.49	54	27.83	34.8	12.53	34.65	100	90	A	H
		5080.5	51.08	-22.92	74	39.56	34	12.22	34.7	377	223	P	V
		5147.7	40.94	-13.06	54	29	34.29	12.33	34.68	377	223	A	V
	*	5260	111.06	-	-	98.58	34.68	12.46	34.66	377	223	P	V
	*	5260	103.78	-	-	91.3	34.68	12.46	34.66	377	223	A	V
		5440.32	49.74	-24.26	74	36.99	34.78	12.6	34.63	377	223	P	V
		5422.8	40.34	-13.66	54	27.63	34.75	12.59	34.63	377	223	A	V
802.11a CH 60 5300MHz		5102.9	50.77	-23.23	74	39.19	34.02	12.25	34.69	355	181	P	H
		5143.5	40.74	-13.26	54	28.84	34.26	12.32	34.68	355	181	A	H
	*	5300	109.46	-	-	97.03	34.6	12.49	34.66	355	181	P	H
	*	5300	102.59	-	-	90.16	34.6	12.49	34.66	355	181	A	H
		5363.28	51.26	-22.74	74	38.6	34.77	12.53	34.64	355	181	P	H
		5350.32	40.85	-13.15	54	28.17	34.8	12.53	34.65	355	181	A	H
		5092.75	50.6	-23.4	74	39.05	34	12.24	34.69	371	222	P	V
		5147	40.74	-13.26	54	28.81	34.28	12.33	34.68	371	222	A	V
	*	5300	106.5	-	-	94.07	34.6	12.49	34.66	371	222	P	V
	*	5300	99.07	-	-	86.64	34.6	12.49	34.66	371	222	A	V
		5413.2	50.71	-23.29	74	38.05	34.73	12.57	34.64	371	222	P	V
		5458.08	40.61	-13.39	54	27.82	34.8	12.62	34.63	371	222	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	108.51	-	-	95.98	34.68	12.5	34.65	352	181	P	H
	*	5320	102.92	-	-	90.39	34.68	12.5	34.65	352	181	A	H
		5350.4	55.72	-18.28	74	43.04	34.8	12.53	34.65	352	181	P	H
		5350.08	45.23	-8.77	54	32.55	34.8	12.53	34.65	352	181	A	H
													H
													H
	*	5320	105.79	-	-	93.26	34.68	12.5	34.65	348	220	P	V
	*	5320	98.88	-	-	86.35	34.68	12.5	34.65	348	220	A	V
		5409.12	50.27	-23.73	74	37.62	34.72	12.57	34.64	348	220	P	V
		5350.08	42.42	-11.58	54	29.74	34.8	12.53	34.65	348	220	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

[illegible]



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		10600	61.76	-12.24	74	63.92	37.6	18.83	58.59	287	179	P	H
		10600	52.78	-1.22	54	54.94	37.6	18.83	58.59	287	179	A	H
		15900	50.18	-23.82	74	42.34	41	23.02	56.18	-	-	P	H
													H
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													H
													H
													H
		10600	59.49	-14.51	74	61.65	37.6	18.83	58.59	100	338	P	V
		10600	51.16	-2.84	54	53.32	37.6	18.83	58.59	100	338	A	V
		15900	48.16	-25.84	74	40.32	41	23.02	56.18	-	-	P	V
													V
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													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	60.77	-13.23	74	62.88	37.6	18.86	58.57	100	221	P	H
		10640	52.9	-1.1	54	55.01	37.6	18.86	58.57	100	221	A	H
		15960	48.35	-25.65	74	40.39	41	23.07	56.11	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	60.99	-13.01	74	63.1	37.6	18.86	58.57	100	340	P	V
		10640	52.14	-1.86	54	54.25	37.6	18.86	58.57	100	340	A	V
		15960	49.13	-24.87	74	41.17	41	23.07	56.11	-	-	P	V
													V
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Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		5104.3	51.5	-22.5	74	39.9	34.03	12.26	34.69	100	92	P	H
		5147.7	41.05	-12.95	54	29.11	34.29	12.33	34.68	100	92	A	H
	*	5260	110.3	-	-	97.82	34.68	12.46	34.66	100	92	P	H
	*	5260	101.96	-	-	89.48	34.68	12.46	34.66	100	92	A	H
		5367.36	49.85	-24.15	74	37.18	34.77	12.54	34.64	100	92	P	H
		5350.08	40.45	-13.55	54	27.77	34.8	12.53	34.65	100	92	A	H
		5091.35	50.19	-23.81	74	38.64	34	12.24	34.69	357	223	P	V
		5120.05	40.82	-13.18	54	29.11	34.12	12.28	34.69	357	223	A	V
	*	5260	108.46	-	-	95.98	34.68	12.46	34.66	357	223	P	V
	*	5260	100.89	-	-	88.41	34.68	12.46	34.66	357	223	A	V
		5452.56	49.59	-24.41	74	36.8	34.8	12.62	34.63	357	223	P	V
		5417.52	40.36	-13.64	54	27.67	34.74	12.58	34.63	357	223	A	V
802.11ax HE20 Full CH 60 5300MHz		5145.6	50.55	-23.45	74	38.63	34.27	12.33	34.68	400	181	P	H
		5147.35	40.93	-13.07	54	29	34.28	12.33	34.68	400	181	A	H
	*	5300	109.99	-	-	97.56	34.6	12.49	34.66	400	181	P	H
	*	5300	101.84	-	-	89.41	34.6	12.49	34.66	400	181	A	H
		5359.44	50.52	-23.48	74	37.86	34.78	12.53	34.65	400	181	P	H
		5350.08	40.95	-13.05	54	28.27	34.8	12.53	34.65	400	181	A	H
		5130.55	50.29	-23.71	74	38.5	34.18	12.3	34.69	400	78	P	V
		5147.7	40.75	-13.25	54	28.81	34.29	12.33	34.68	400	78	A	V
	*	5300	107	-	-	94.57	34.6	12.49	34.66	400	78	P	V
	*	5300	98.65	-	-	86.22	34.6	12.49	34.66	400	78	A	V
		5445.6	50.92	-23.08	74	38.15	34.79	12.61	34.63	400	78	P	V
		5452.32	40.44	-13.56	54	27.65	34.8	12.62	34.63	400	78	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz	*	5320	109.13	-	-	96.6	34.68	12.5	34.65	300	179	P	H
	*	5320	100.52	-	-	87.99	34.68	12.5	34.65	300	179	A	H
		5356.8	52.01	-21.99	74	39.34	34.79	12.53	34.65	300	179	P	H
		5350.08	43.13	-10.87	54	30.45	34.8	12.53	34.65	300	179	A	H
													H
													H
	*	5320	104.06	-	-	91.53	34.68	12.5	34.65	400	24	P	V
	*	5320	97.48	-	-	84.95	34.68	12.5	34.65	400	24	A	V
		5431.36	49.24	-24.76	74	36.52	34.76	12.59	34.63	400	24	P	V
		5350.08	41.34	-12.66	54	28.66	34.8	12.53	34.65	400	24	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)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	61.08	-12.92	74	63.24	37.6	18.83	58.59	108	226	P	H
		10600	52.54	-1.46	54	54.7	37.6	18.83	58.59	108	226	A	H
		15900	47.44	-26.56	74	39.6	41	23.02	56.18	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	60.18	-13.82	74	62.34	37.6	18.83	58.59	100	340	P	V
		10600	51.71	-2.29	54	53.87	37.6	18.83	58.59	100	340	A	V
		15900	48.52	-25.48	74	40.68	41	23.02	56.18	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]



Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	109.44	-	-	96.91	34.68	12.5	34.65	300	178	P	H
	*	5320	100.88	-	-	88.35	34.68	12.5	34.65	300	178	A	H
		5436	49.5	-24.5	74	36.76	34.77	12.6	34.63	300	178	P	H
		5352.48	41.72	-12.28	54	29.04	34.8	12.53	34.65	300	178	A	H
													H
													H
	*	5320	105.97	-	-	93.44	34.68	12.5	34.65	357	21	P	V
	*	5320	98.48	-	-	85.95	34.68	12.5	34.65	357	21	A	V
		5388.32	49.57	-24.43	74	36.94	34.72	12.55	34.64	357	21	P	V
		5450.08	41.3	-12.7	54	28.51	34.8	12.62	34.63	357	21	A	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 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5458.32	50.81	-23.19	74	38.02	34.8	12.62	34.63	108	238	P	H
		5469.84	52.87	-15.33	68.2	40.06	34.8	12.64	34.63	108	238	P	H
		5460	41.54	-12.46	54	28.74	34.8	12.63	34.63	108	238	A	H
	*	5500	105.94	-	-	93.09	34.8	12.67	34.62	108	238	P	H
	*	5500	99.18	-	-	86.33	34.8	12.67	34.62	108	238	A	H
													H
		5457.52	50.99	-23.01	74	38.2	34.8	12.62	34.63	400	235	P	V
		5466	50.21	-17.99	68.2	37.41	34.8	12.63	34.63	400	235	P	V
		5459.6	40.78	-13.22	54	27.98	34.8	12.63	34.63	400	235	A	V
	*	5500	103.31	-	-	90.46	34.8	12.67	34.62	400	235	P	V
	*	5500	96.77	-	-	83.92	34.8	12.67	34.62	400	235	A	V
													V
802.11a CH 116 5580MHz		5452.96	48.91	-25.09	74	36.12	34.8	12.62	34.63	356	181	P	H
		5463.76	49.52	-18.68	68.2	36.72	34.8	12.63	34.63	356	181	P	H
		5456.56	40.38	-13.62	54	27.59	34.8	12.62	34.63	356	181	A	H
	*	5580	106.71	-	-	93.91	34.7	12.76	34.66	356	181	P	H
	*	5580	99.87	-	-	87.07	34.7	12.76	34.66	356	181	A	H
		5730.98	49.61	-18.59	68.2	36.19	35.2	12.97	34.75	356	181	P	H
		5402.32	50.22	-23.78	74	37.6	34.7	12.56	34.64	316	213	P	V
		5460.16	49.07	-19.13	68.2	36.27	34.8	12.63	34.63	316	213	P	V
		5459.44	40.38	-13.62	54	27.58	34.8	12.63	34.63	316	213	A	V
	*	5580	101.5	-	-	88.7	34.7	12.76	34.66	316	213	P	V
	*	5580	95.9	-	-	83.1	34.7	12.76	34.66	316	213	A	V
		5740.745	49.37	-18.83	68.2	35.94	35.2	12.98	34.75	316	213	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz	*	5700	109.16	-	-	95.77	35.2	12.92	34.73	400	181	P	H
	*	5700	102.3	-	-	88.91	35.2	12.92	34.73	400	181	A	H
		5726.36	54.54	-13.66	68.2	41.13	35.2	12.96	34.75	400	181	P	H
													H
													H
													H
	*	5700	103.44	-	-	90.05	35.2	12.92	34.73	332	241	P	V
	*	5700	97.73	-	-	84.34	35.2	12.92	34.73	332	241	A	V
		5736.04	50.49	-17.71	68.2	37.06	35.2	12.98	34.75	332	241	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	62.93	-11.07	74	64.38	37.8	19.11	58.36	100	65	P	H
		11000	52.46	-1.54	54	53.91	37.8	19.11	58.36	100	65	A	H
		16500	48.09	-20.11	68.2	39.03	42.1	23.44	56.48	-	-	P	H
													H
													H
													H
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													H
													H
													H
													H
													H
													H
		11000	60.17	-13.83	74	61.62	37.8	19.11	58.36	100	354	P	V
		11000	51.46	-2.54	54	52.91	37.8	19.11	58.36	100	354	A	V
		16500	47.55	-20.65	68.2	38.49	42.1	23.44	56.48	-	-	P	V
													V
													V
													V
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													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	60.41	-13.59	74	61.28	37.82	19.23	57.92	100	63	P	H
		11160	52.34	-1.66	54	53.21	37.82	19.23	57.92	100	63	A	H
		16740	47.52	-20.68	68.2	38.08	42.28	23.59	56.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	60.05	-13.95	74	60.92	37.82	19.23	57.92	100	32	P	V
		11160	51.64	-2.36	54	52.51	37.82	19.23	57.92	100	32	A	V
		16740	47.21	-20.99	68.2	37.77	42.28	23.59	56.43	-	-	P	V
													V
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													V
													V
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													V
													V

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Band 3 - 5470~5725MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		5459.44	50.56	-23.44	74	37.76	34.8	12.63	34.63	100	240	P	H
		5468.4	54.27	-13.93	68.2	41.46	34.8	12.64	34.63	100	240	P	H
		5459.92	42.21	-11.79	54	29.41	34.8	12.63	34.63	100	240	A	H
	*	5500	108.76	-	-	95.91	34.8	12.67	34.62	100	240	P	H
	*	5500	100.54	-	-	87.69	34.8	12.67	34.62	100	240	A	H
		5403.28	50.05	-23.95	74	37.42	34.71	12.56	34.64	338	244	P	V
		5468.72	51.48	-16.72	68.2	38.67	34.8	12.64	34.63	338	244	P	V
		5459.44	40.89	-13.11	54	28.09	34.8	12.63	34.63	338	244	A	V
	*	5500	105.98	-	-	93.13	34.8	12.67	34.62	338	244	P	V
	*	5500	98.18	-	-	85.33	34.8	12.67	34.62	338	244	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5356.72	49.44	-24.56	74	36.77	34.79	12.53	34.65	100	223	P	H
		5460.16	48.58	-19.62	68.2	35.78	34.8	12.63	34.63	100	223	P	H
		5457.52	40.54	-13.46	54	27.75	34.8	12.62	34.63	100	223	A	H
	*	5580	107.48	-	-	94.68	34.7	12.76	34.66	100	223	P	H
	*	5580	99.57	-	-	86.77	34.7	12.76	34.66	100	223	A	H
		5763.425	50.49	-17.71	68.2	37.04	35.2	13.02	34.77	100	223	P	H
		5458.24	49.77	-24.23	74	36.98	34.8	12.62	34.63	302	208	P	V
		5463.52	48.91	-19.29	68.2	36.11	34.8	12.63	34.63	302	208	P	V
		5457.76	40.38	-13.62	54	27.59	34.8	12.62	34.63	302	208	A	V
	*	5580	104.49	-	-	91.69	34.7	12.76	34.66	302	208	P	V
	*	5580	96.41	-	-	83.61	34.7	12.76	34.66	302	208	A	V
		5760.59	50.45	-17.75	68.2	37.01	35.2	13.01	34.77	302	208	P	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 140 5700MHz	*	5700	108.68	-	-	95.29	35.2	12.92	34.73	100	222	P	H
	*	5700	101.47	-	-	88.08	35.2	12.92	34.73	100	222	A	H
		5725.24	56.29	-11.91	68.2	42.88	35.2	12.96	34.75	100	222	P	H
													H
													H
													H
	*	5700	106.06	-	-	92.67	35.2	12.92	34.73	315	237	P	V
	*	5700	98.64	-	-	85.25	35.2	12.92	34.73	315	237	A	V
		5727.24	54.73	-13.47	68.2	41.32	35.2	12.96	34.75	315	237	P	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		11000	60.97	-13.03	74	62.42	37.8	19.11	58.36	100	63	P	H
		11000	52.27	-1.73	54	53.72	37.8	19.11	58.36	100	63	A	H
		16500	49.69	-18.51	68.2	40.63	42.1	23.44	56.48	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	59.83	-14.17	74	61.28	37.8	19.11	58.36	100	11	P	V
		11000	51.86	-2.14	54	53.31	37.8	19.11	58.36	100	11	A	V
		16500	50.04	-18.16	68.2	40.98	42.1	23.44	56.48	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]

[illegible]



Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5456.4	50.12	-23.88	74	37.33	34.8	12.62	34.63	368	181	P	H
		5466.8	49.72	-18.48	68.2	36.92	34.8	12.63	34.63	368	181	P	H
		5457.84	41.93	-12.07	54	29.14	34.8	12.62	34.63	368	181	A	H
	*	5500	109.72	-	-	96.87	34.8	12.67	34.62	368	181	P	H
	*	5500	101.27	-	-	88.42	34.8	12.67	34.62	368	181	A	H
													H
		5447.6	51.11	-22.89	74	38.33	34.8	12.61	34.63	380	238	P	V
		5460.24	49.34	-18.86	68.2	36.54	34.8	12.63	34.63	380	238	P	V
		5435.28	41.34	-12.66	54	28.6	34.77	12.6	34.63	380	238	A	V
	*	5500	103.83	-	-	90.98	34.8	12.67	34.62	380	238	P	V
	*	5500	96.11	-	-	83.26	34.8	12.67	34.62	380	238	A	V
													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 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5398.75	51.1	-22.9	74	38.48	34.7	12.56	34.64	100	221	P	H
		5463.49	48.06	-20.14	68.2	35.26	34.8	12.63	34.63	100	221	P	H
		5459.59	40.35	-13.65	54	27.55	34.8	12.63	34.63	100	221	A	H
	*	5720	109.49	-	-	96.08	35.2	12.95	34.74	100	221	P	H
	*	5720	101.8	-	-	88.39	35.2	12.95	34.74	100	221	A	H
		5881.75	52.92	-15.28	68.2	39.55	35.06	13.14	34.83	100	221	P	H
		5362.48	49	-25	74	36.33	34.78	12.53	34.64	350	239	P	V
		5466.61	48.48	-19.72	68.2	35.68	34.8	12.63	34.63	350	239	P	V
		5459.98	40.29	-13.71	54	27.49	34.8	12.63	34.63	350	239	A	V
	*	5720	106.01	-	-	92.6	35.2	12.95	34.74	350	239	P	V
	*	5720	98.67	-	-	85.26	35.2	12.95	34.74	350	239	A	V
		5857.75	50.73	-17.47	68.2	37.41	35.02	13.12	34.82	350	239	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

[illegible]



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		5396.02	48.71	-25.29	74	36.08	34.71	12.56	34.64	100	221	P	H
		5470	48.75	-19.45	68.2	35.94	34.8	12.64	34.63	100	221	P	H
		5459.98	40.36	-13.64	54	27.56	34.8	12.63	34.63	100	221	A	H
	*	5720	109.6	-	-	96.19	35.2	12.95	34.74	100	221	P	H
	*	5720	101.8	-	-	88.39	35.2	12.95	34.74	100	221	A	H
		5893	52.61	-15.59	68.2	39.22	35.09	13.14	34.84	100	221	P	H
		5857.75	50.73	-17.47	68.2	37.41	35.02	13.12	34.82	350	239	P	V
		5432.29	50.1	-23.9	74	37.37	34.76	12.6	34.63	350	239	P	V
		5464.27	51.03	-17.17	68.2	38.23	34.8	12.63	34.63	350	239	P	V
		5459.2	40.26	-13.74	54	27.46	34.8	12.63	34.63	350	239	A	V
	*	5720	105.57	-	-	92.16	35.2	12.95	34.74	350	239	P	V
	*	5720	98.72	-	-	85.31	35.2	12.95	34.74	350	239	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		11440	61.69	-12.31	74	61.28	38.12	19.43	57.14	100	59	P	H
		11440	51.87	-2.13	54	51.46	38.12	19.43	57.14	100	59	A	H
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		11440	62.09	-11.91	74	61.68	38.12	19.43	57.14	250	253	P	V
		11440	52.79	-1.21	54	52.38	38.12	19.43	57.14	250	253	A	V
													V
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Emission above 18GHz

WIFI 802.11ax HE20 Full (SHF @ 1m)

[illegible]

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line (dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ax HE20 Full LF		61.59	31.96	-8.04	40	48.23	12.01	1.63	29.91	300	329	Q	H
		86.97	29.91	-10.09	40	43.47	14.37	1.97	29.9	-	-	P	H
		258.96	35.88	-10.12	46	43.21	19.43	3.06	29.82	-	-	P	H
		743.8	30.52	-15.48	46	27.68	27.26	5.07	29.49	-	-	P	H
		876.8	32.73	-13.27	46	27.9	28.24	5.58	28.99	-	-	P	H
		958.7	33.74	-12.26	46	26.82	29.72	5.8	28.6	-	-	P	H
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		30	32.12	-7.88	40	36.66	24.29	1.11	29.94	-	-	P	V
		61.59	30.63	-9.37	40	46.9	12.01	1.63	29.91	-	-	P	V
		264.36	32.54	-13.46	46	39.63	19.64	3.09	29.82	-	-	P	V
		773.9	30.84	-15.16	46	27.54	27.51	5.17	29.38	-	--	P	V
		851.6	33.08	-12.92	46	28.23	28.54	5.47	29.16	-	-	P	V
		941.9	34.95	-11.05	46	28.83	29.08	5.75	28.71	-	-	P	V
													V
												V	
												V	
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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.												



Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.16	63.3	-10.7	74	51.37	34.28	12.33	34.68	104	104	P	H
		5150	50.73	-3.27	54	38.77	34.3	12.34	34.68	104	104	A	H
	*	5180	112.29	-	-	100.16	34.42	12.39	34.68	104	104	P	H
	*	5180	105.52	-	-	93.39	34.42	12.39	34.68	104	104	A	H
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		5144.82	55.35	-18.65	74	43.43	34.27	12.33	34.68	400	245	P	V
		5150	46.43	-7.57	54	34.47	34.3	12.34	34.68	400	245	A	V
	*	5180	105.6	-	-	93.47	34.42	12.39	34.68	400	245	P	V
	*	5180	98.12	-	-	85.99	34.42	12.39	34.68	400	245	A	V
													V
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802.11a CH 44 5220MHz		5142.74	53.35	-20.65	74	41.45	34.26	12.32	34.68	100	103	P	H
		5147.42	43.53	-10.47	54	31.6	34.28	12.33	34.68	100	103	A	H
	*	5220	112.78	-	-	100.44	34.58	12.43	34.67	100	103	P	H
	*	5220	106.64	-	-	94.3	34.58	12.43	34.67	100	103	A	H
		5447.4	49.29	-24.71	74	36.52	34.79	12.61	34.63	100	103	P	H
		5382.16	41.24	-12.76	54	28.59	34.74	12.55	34.64	100	103	A	H
		5122.72	51	-23	74	39.26	34.14	12.29	34.69	351	157	P	V
		5147.16	41.14	-12.86	54	29.21	34.28	12.33	34.68	351	157	A	V
	*	5220	107.53	-	-	95.19	34.58	12.43	34.67	351	157	P	V
	*	5220	100.97	-	-	88.63	34.58	12.43	34.67	351	157	A	V
		5436.76	49.07	-24.93	74	36.33	34.77	12.6	34.63	351	157	P	V
		5453.84	40.39	-13.61	54	27.6	34.8	12.62	34.63	351	157	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		5136.24	50.48	-23.52	74	38.64	34.22	12.31	34.69	100	103	P	H
		5120.12	42.32	-11.68	54	30.61	34.12	12.28	34.69	100	103	A	H
	*	5240	113.28	-	-	100.84	34.66	12.45	34.67	100	103	P	H
	*	5240	106.66	-	-	94.22	34.66	12.45	34.67	100	103	A	H
		5409.32	49.84	-24.16	74	37.19	34.72	12.57	34.64	100	103	P	H
		5402.6	40.89	-13.11	54	28.26	34.71	12.56	34.64	100	103	A	H
		5127.92	51.51	-22.49	74	39.73	34.17	12.3	34.69	331	155	P	V
		5119.86	40.98	-13.02	54	29.27	34.12	12.28	34.69	331	155	A	V
	*	5240	107.08	-	-	94.64	34.66	12.45	34.67	331	155	P	V
	*	5240	99.85	-	-	87.41	34.66	12.45	34.67	331	155	A	V
		5373.76	50.09	-23.91	74	37.44	34.75	12.54	34.64	331	155	P	V
		5458.32	40.28	-13.72	54	27.49	34.8	12.62	34.63	331	155	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. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	60.19	-8.01	68.2	62.94	37.48	18.66	58.89	400	231	P	H
		15540	51.43	-22.57	74	45.09	40.18	22.73	56.57	100	355	P	H
		15540	42.47	-11.53	54	36.13	40.18	22.73	56.57	100	355	A	H
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		10360	59.47	-8.73	68.2	62.22	37.48	18.66	58.89	100	166	P	V
		15540	50.23	-23.77	74	43.89	40.18	22.73	56.57	400	28	P	V
		15540	41.6	-12.4	54	35.26	40.18	22.73	56.57	400	28	A	V
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WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	61.26	-6.94	68.2	63.9	37.4	18.71	58.75	100	256	P	H
		15660	51.11	-22.89	74	44.13	40.58	22.84	56.44	100	357	P	H
		15660	42.87	-11.13	54	35.89	40.58	22.84	56.44	100	357	A	H
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		10440	60.55	-7.65	68.2	63.19	37.4	18.71	58.75	100	35	P	V
		15660	50.18	-23.82	74	43.2	40.58	22.84	56.44	100	292	P	V
		15660	42.25	-11.75	54	35.27	40.58	22.84	56.44	100	292	A	V
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WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	64.92	-3.28	68.2	67.4	37.46	18.74	58.68	370	192	P	H
		15720	51.73	-22.27	74	44.28	40.94	22.88	56.37	100	357	P	H
		15720	43.79	-10.21	54	36.34	40.94	22.88	56.37	100	357	A	H
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		10480	60.9	-7.3	68.2	63.38	37.46	18.74	58.68	100	342	P	V
		15720	50.67	-23.33	74	43.22	40.94	22.88	56.37	100	301	P	V
		15720	42.74	-11.26	54	35.29	40.94	22.88	56.37	100	301	A	V
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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 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5142.74	63.78	-10.22	74	51.88	34.26	12.32	34.68	100	103	P	H
		5150	51.87	-2.13	54	39.91	34.3	12.34	34.68	100	103	A	H
	*	5180	112.72	-	-	100.59	34.42	12.39	34.68	100	103	P	H
	*	5180	104.87	-	-	92.74	34.42	12.39	34.68	100	103	A	H
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		5144.82	57.8	-16.2	74	45.88	34.27	12.33	34.68	400	248	P	V
		5150	47.41	-6.59	54	35.45	34.3	12.34	34.68	400	248	A	V
	*	5180	104.89	-	-	92.76	34.42	12.39	34.68	400	248	P	V
	*	5180	97.24	-	-	85.11	34.42	12.39	34.68	400	248	A	V
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802.11ax HE20 Full CH 44 5220MHz		5133.12	51.77	-22.23	74	39.95	34.2	12.31	34.69	100	103	P	H
		5147.68	43.77	-10.23	54	31.83	34.29	12.33	34.68	100	103	A	H
	*	5220	113.58	-	-	101.24	34.58	12.43	34.67	100	103	P	H
	*	5220	106.27	-	-	93.93	34.58	12.43	34.67	100	103	A	H
		5350.24	51.08	-22.92	74	38.4	34.8	12.53	34.65	100	103	P	H
		5377.4	41.13	-12.87	54	28.48	34.75	12.54	34.64	100	103	A	H
		5106.6	51.86	-22.14	74	40.25	34.04	12.26	34.69	317	155	P	V
		5148.2	41.39	-12.61	54	29.45	34.29	12.33	34.68	317	155	A	V
	*	5220	107.86	-	-	95.52	34.58	12.43	34.67	317	155	P	V
	*	5220	99.83	-	-	87.49	34.58	12.43	34.67	317	155	A	V
		5428.36	49.02	-24.98	74	36.3	34.76	12.59	34.63	317	155	P	V
		5458.6	40.38	-13.62	54	27.59	34.8	12.62	34.63	317	155	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5101.92	50.69	-23.31	74	39.12	34.01	12.25	34.69	100	103	P	H
		5120.12	42.42	-11.58	54	30.71	34.12	12.28	34.69	100	103	A	H
	*	5240	112.69	-	-	100.25	34.66	12.45	34.67	100	103	P	H
	*	5240	106.35	-	-	93.91	34.66	12.45	34.67	100	103	A	H
		5353.6	50.03	-23.97	74	37.36	34.79	12.53	34.65	100	103	P	H
		5402.32	40.93	-13.07	54	28.31	34.7	12.56	34.64	100	103	A	H
		5100.36	50.46	-23.54	74	38.9	34	12.25	34.69	295	154	P	V
		5150	40.97	-13.03	54	29.01	34.3	12.34	34.68	295	154	A	V
	*	5240	107.68	-	-	95.24	34.66	12.45	34.67	295	154	P	V
	*	5240	99.73	-	-	87.29	34.66	12.45	34.67	295	154	A	V
		5448.52	50.78	-23.22	74	38	34.8	12.61	34.63	295	154	P	V
		5458.88	40.39	-13.61	54	27.6	34.8	12.62	34.63	295	154	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		10440	61.66	-6.54	68.2	64.3	37.4	18.71	58.75	100	256	P	H
		15660	53.92	-20.08	74	46.94	40.58	22.84	56.44	100	358	P	H
		15660	46.57	-7.43	54	39.59	40.58	22.84	56.44	100	358	A	H
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													H
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		10440	61.29	-6.91	68.2	63.93	37.4	18.71	58.75	100	35	P	V
		15660	52.63	-21.37	74	45.65	40.58	22.84	56.44	100	292	P	V
		15660	44.57	-9.43	54	37.59	40.58	22.84	56.44	100	292	A	V
													V
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[illegible]



Band 1 5150~5250MHz

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

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5149.24	61.54	-12.46	74	49.59	34.3	12.33	34.68	100	100	P	H
		5148.98	49.72	-4.28	54	37.78	34.29	12.33	34.68	100	100	A	H
	*	5180	115.68	-	-	103.55	34.42	12.39	34.68	100	100	P	H
	*	5180	107.93	-	-	95.8	34.42	12.39	34.68	100	100	A	H
													H
													H
		5150	53.5	-20.5	74	41.54	34.3	12.34	34.68	400	244	P	V
		5148.72	45.37	-8.63	54	33.43	34.29	12.33	34.68	400	244	A	V
	*	5180	107.88	-	-	95.75	34.42	12.39	34.68	400	244	P	V
	*	5180	100.87	-	-	88.74	34.42	12.39	34.68	400	244	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 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5085.75	51.55	-22.45	74	40.01	34	12.23	34.69	100	103	P	H
		5147	42.11	-11.89	54	30.18	34.28	12.33	34.68	100	103	A	H
	*	5260	114.5	-	-	102.02	34.68	12.46	34.66	100	103	P	H
	*	5260	107.15	-	-	94.67	34.68	12.46	34.66	100	103	A	H
		5400	51.11	-22.89	74	38.49	34.7	12.56	34.64	100	103	P	H
		5350.32	41.54	-12.46	54	28.86	34.8	12.53	34.65	100	103	A	H
		5120.05	51.55	-22.45	74	39.84	34.12	12.28	34.69	381	242	P	V
		5120.05	40.98	-13.02	54	29.27	34.12	12.28	34.69	381	242	A	V
	*	5260	108.61	-	-	96.13	34.68	12.46	34.66	381	242	P	V
	*	5260	101.21	-	-	88.73	34.68	12.46	34.66	381	242	A	V
		5380.32	50.32	-23.68	74	37.67	34.74	12.55	34.64	381	242	P	V
		5417.28	40.39	-13.61	54	27.71	34.73	12.58	34.63	381	242	A	V
802.11a CH 60 5300MHz		5066.5	50.72	-23.28	74	39.23	34	12.19	34.7	100	104	P	H
		5120.05	41.78	-12.22	54	30.07	34.12	12.28	34.69	100	104	A	H
	*	5300	112.11	-	-	99.68	34.6	12.49	34.66	100	104	P	H
	*	5300	104.93	-	-	92.5	34.6	12.49	34.66	100	104	A	H
		5351.52	51.48	-22.52	74	38.8	34.8	12.53	34.65	100	104	P	H
		5350.32	42.4	-11.6	54	29.72	34.8	12.53	34.65	100	104	A	H
		5009.8	50.84	-23.16	74	39.13	34.32	12.1	34.71	343	196	P	V
		5147.7	40.71	-13.29	54	28.77	34.29	12.33	34.68	343	196	A	V
	*	5300	107.07	-	-	94.64	34.6	12.49	34.66	343	196	P	V
	*	5300	100.17	-	-	87.74	34.6	12.49	34.66	343	196	A	V
		5425.2	49.97	-24.03	74	37.26	34.75	12.59	34.63	343	196	P	V
		5350.08	40.48	-13.52	54	27.8	34.8	12.53	34.65	343	196	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	108.4	-	-	95.87	34.68	12.5	34.65	100	107	P	H
	*	5320	100.58	-	-	88.05	34.68	12.5	34.65	100	107	A	H
		5356.64	51.66	-22.34	74	38.99	34.79	12.53	34.65	100	107	P	H
		5350.08	42.56	-11.44	54	29.88	34.8	12.53	34.65	100	107	A	H
													H
													H
	*	5320	103.06	-	-	90.53	34.68	12.5	34.65	400	192	P	V
	*	5320	95.21	-	-	82.68	34.68	12.5	34.65	400	192	A	V
		5445.12	50.88	-23.12	74	38.11	34.79	12.61	34.63	400	192	P	V
		5350.4	40.61	-13.39	54	27.93	34.8	12.53	34.65	400	192	A	V
													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. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	65.08	-3.12	68.2	67.45	37.5	18.77	58.64	400	193	P	H
		15780	57.04	-16.96	74	49.61	40.82	22.92	56.31	100	355	P	H
		15780	48.72	-5.28	54	41.29	40.82	22.92	56.31	100	355	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	62.81	-5.39	68.2	65.18	37.5	18.77	58.64	100	303	P	V
		15780	52.57	-21.43	74	45.14	40.82	22.92	56.31	100	302	P	V
		15780	46.22	-7.78	54	38.79	40.82	22.92	56.31	100	302	A	V
													V
													V
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WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		10600	62.03	-11.97	74	64.19	37.6	18.83	58.59	100	221	P	H
		10600	52.57	-1.43	54	54.73	37.6	18.83	58.59	100	221	A	H
		15900	48.75	-25.25	74	40.91	41	23.02	56.18	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	61.97	-12.03	74	64.13	37.6	18.83	58.59	101	303	P	V
		10600	52.28	-1.72	54	54.44	37.6	18.83	58.59	101	303	A	V
		15900	49.15	-24.85	74	41.31	41	23.02	56.18	-	-	P	V
													V
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													V
													V
													V
													V
													V

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	62.33	-11.67	74	64.44	37.6	18.86	58.57	100	222	P	H
		10640	52.55	-1.45	54	54.66	37.6	18.86	58.57	100	222	A	H
		15960	46.56	-27.44	74	38.6	41	23.07	56.11	-	-	P	H
													H
													H
													H
													H
													H
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													H
													H
													H
		10640	58.96	-15.04	74	61.07	37.6	18.86	58.57	100	327	P	V
		10640	50.09	-3.91	54	52.2	37.6	18.86	58.57	100	327	A	V
		15960	46.16	-27.84	74	38.2	41	23.07	56.11	-	-	P	V
													V
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Band 2 5250~5350MHz

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

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5137.9	51.7	-22.3	74	39.85	34.23	12.31	34.69	100	103	P	H
		5148.75	42.44	-11.56	54	30.5	34.29	12.33	34.68	100	103	A	H
	*	5260	114.75	-	-	102.27	34.68	12.46	34.66	100	103	P	H
	*	5260	106.92	-	-	94.44	34.68	12.46	34.66	100	103	A	H
		5350.8	51.2	-22.8	74	38.52	34.8	12.53	34.65	100	103	P	H
		5350.08	41.72	-12.28	54	29.04	34.8	12.53	34.65	100	103	A	H
		5141.05	50.34	-23.66	74	38.45	34.25	12.32	34.68	381	242	P	V
		5120.05	41.03	-12.97	54	29.32	34.12	12.28	34.69	381	242	A	V
	*	5260	110.41	-	-	97.93	34.68	12.46	34.66	381	242	P	V
	*	5260	100.91	-	-	88.43	34.68	12.46	34.66	381	242	A	V
		5438.16	50.84	-23.16	74	38.09	34.78	12.6	34.63	381	242	P	V
		5417.52	40.47	-13.53	54	27.78	34.74	12.58	34.63	381	242	A	V
802.11ax HE20 Full CH 60 5300MHz		5120.4	51.55	-22.45	74	39.84	34.12	12.28	34.69	100	102	P	H
		5120.05	41.71	-12.29	54	30	34.12	12.28	34.69	100	102	A	H
	*	5300	112.15	-	-	99.72	34.6	12.49	34.66	100	102	P	H
	*	5300	103.56	-	-	91.13	34.6	12.49	34.66	100	102	A	H
		5352.24	51.15	-22.85	74	38.47	34.8	12.53	34.65	100	102	P	H
		5350.08	41.97	-12.03	54	29.29	34.8	12.53	34.65	100	102	A	H
		5054.95	50.1	-23.9	74	38.63	34	12.17	34.7	342	193	P	V
		5147.7	40.63	-13.37	54	28.69	34.29	12.33	34.68	342	193	A	V
	*	5300	107.53	-	-	95.1	34.6	12.49	34.66	342	193	P	V
	*	5300	99.41	-	-	86.98	34.6	12.49	34.66	342	193	A	V
		5394.72	50.28	-23.72	74	37.65	34.71	12.56	34.64	342	193	P	V
		5350.08	40.26	-13.74	54	27.58	34.8	12.53	34.65	342	193	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 64 5320MHz	*	5320	107.79	-	-	95.26	34.68	12.5	34.65	100	107	P	H
	*	5320	100.87	-	-	88.34	34.68	12.5	34.65	100	107	A	H
		5358.88	51.13	-22.87	74	38.47	34.78	12.53	34.65	100	107	P	H
		5350.08	43.36	-10.64	54	30.68	34.8	12.53	34.65	100	107	A	H
													H
													H
	*	5320	104.35	-	-	91.82	34.68	12.5	34.65	400	192	P	V
	*	5320	95.5	-	-	82.97	34.68	12.5	34.65	400	192	A	V
		5359.68	49.72	-24.28	74	37.06	34.78	12.53	34.65	400	192	P	V
		5350.4	40.9	-13.1	54	28.22	34.8	12.53	34.65	400	192	A	V
													V
													V
	Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		10520	64.43	-3.77	68.2	66.8	37.5	18.77	58.64	353	194	P	H
		15780	60.64	-13.36	74	53.21	40.82	22.92	56.31	100	357	P	H
		15780	48.14	-5.86	54	40.71	40.82	22.92	56.31	100	357	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	63.13	-5.07	68.2	65.5	37.5	18.77	58.64	100	342	P	V
		15780	52.55	-21.45	74	45.12	40.82	22.92	56.31	100	303	P	V
		15780	46.04	-7.96	54	38.61	40.82	22.92	56.31	100	303	A	V
													V
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WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	61.59	-12.41	74	63.75	37.6	18.83	58.59	103	221	P	H
		10600	52.74	-1.26	54	54.9	37.6	18.83	58.59	103	221	A	H
		15900	47.29	-26.71	74	39.45	41	23.02	56.18	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	59.57	-14.43	74	61.73	37.6	18.83	58.59	100	304	P	V
		10600	51.04	-2.96	54	53.2	37.6	18.83	58.59	100	304	A	V
		15900	48.37	-25.63	74	40.53	41	23.02	56.18	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]



Band 2 5250~5350MHz

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

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	110.44	-	-	97.91	34.68	12.5	34.65	100	101	P	H
	*	5320	102.45	-	-	89.92	34.68	12.5	34.65	100	101	A	H
		5433.28	50.34	-23.66	74	37.6	34.77	12.6	34.63	100	101	P	H
		5351.04	42.08	-11.92	54	29.4	34.8	12.53	34.65	100	101	A	H
													H
													H
	*	5320	105.78	-	-	93.25	34.68	12.5	34.65	400	191	P	V
	*	5320	97.75	-	-	85.22	34.68	12.5	34.65	400	191	A	V
		5380.8	49.59	-24.41	74	36.94	34.74	12.55	34.64	400	191	P	V
		5350.24	41.27	-12.73	54	28.59	34.8	12.53	34.65	400	191	A	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 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5365.36	50.05	-23.95	74	37.38	34.77	12.54	34.64	284	170	P	H
		5469.68	49.37	-18.83	68.2	36.56	34.8	12.64	34.63	284	170	P	H
		5460	41	-13	54	28.2	34.8	12.63	34.63	284	170	A	H
	*	5500	105.26	-	-	92.41	34.8	12.67	34.62	284	170	P	H
	*	5500	98.66	-	-	85.81	34.8	12.67	34.62	284	170	A	H
													H
		5371.28	51.05	-22.95	74	38.39	34.76	12.54	34.64	400	264	P	V
		5463.12	48.83	-19.37	68.2	36.03	34.8	12.63	34.63	400	264	P	V
		5455.76	40.25	-13.75	54	27.46	34.8	12.62	34.63	400	264	A	V
	*	5500	101.17	-	-	88.32	34.8	12.67	34.62	400	264	P	V
	*	5500	95.1	-	-	82.25	34.8	12.67	34.62	400	264	A	V
													V
802.11a CH 116 5580MHz		5398	51.07	-22.93	74	38.45	34.7	12.56	34.64	400	162	P	H
		5460.16	49.88	-18.32	68.2	37.08	34.8	12.63	34.63	400	162	P	H
		5456.8	40.39	-13.61	54	27.6	34.8	12.62	34.63	400	162	A	H
	*	5580	101.85	-	-	89.05	34.7	12.76	34.66	400	162	P	H
	*	5580	96.88	-	-	84.08	34.7	12.76	34.66	400	162	A	H
		5750.195	49.93	-18.27	68.2	36.49	35.2	13	34.76	400	162	P	H
		5392.96	49.22	-24.78	74	36.59	34.71	12.56	34.64	397	237	P	V
		5465.92	48.19	-20.01	68.2	35.39	34.8	12.63	34.63	397	237	P	V
		5457.04	40.27	-13.73	54	27.48	34.8	12.62	34.63	397	237	A	V
	*	5580	98.02	-	-	85.22	34.7	12.76	34.66	397	237	P	V
	*	5580	92.77	-	-	79.97	34.7	12.76	34.66	397	237	A	V
		5729.72	50.12	-18.08	68.2	36.7	35.2	12.97	34.75	397	237	P	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz	*	5700	104.84	-	-	91.45	35.2	12.92	34.73	281	169	P	H
	*	5700	98.55	-	-	85.16	35.2	12.92	34.73	281	169	A	H
		5737.48	51.32	-16.88	68.2	37.89	35.2	12.98	34.75	281	169	P	H
													H
													H
													H
	*	5700	102.53	-	-	89.14	35.2	12.92	34.73	396	261	P	V
	*	5700	96.37	-	-	82.98	35.2	12.92	34.73	396	261	A	V
		5727.64	51	-17.2	68.2	37.58	35.2	12.97	34.75	396	261	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. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	61.93	-12.07	74	63.38	37.8	19.11	58.36	306	194	P	H
		11000	52.3	-1.7	54	53.75	37.8	19.11	58.36	306	194	A	H
		16500	49.17	-19.03	68.2	40.11	42.1	23.44	56.48	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	60.89	-13.11	74	62.34	37.8	19.11	58.36	400	20	P	V
		11000	50.66	-3.34	54	52.11	37.8	19.11	58.36	400	20	A	V
		16500	47.73	-20.47	68.2	38.67	42.1	23.44	56.48	-	-	P	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	61.11	-12.89	74	61.98	37.82	19.23	57.92	100	219	P	H
		11160	52.15	-1.85	54	53.02	37.82	19.23	57.92	100	219	A	H
		16740	49.24	-18.96	68.2	39.8	42.28	23.59	56.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	61.48	-12.52	74	62.35	37.82	19.23	57.92	288	160	P	V
		11160	50.9	-3.1	54	51.77	37.82	19.23	57.92	288	160	A	V
		16740	48.6	-19.6	68.2	39.16	42.28	23.59	56.43	-	-	P	V
													V
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													V
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													V
													V
													V

[illegible]



Band 3 - 5470~5725MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5423.28	50.31	-23.69	74	37.6	34.75	12.59	34.63	353	163	P	H
		5468.4	50.97	-17.23	68.2	38.16	34.8	12.64	34.63	353	163	P	H
		5460	41.47	-12.53	54	28.67	34.8	12.63	34.63	353	163	A	H
	*	5500	106.35	-	-	93.5	34.8	12.67	34.62	353	163	P	H
	*	5500	98.96	-	-	86.11	34.8	12.67	34.62	353	163	A	H
		5450.64	49.75	-24.25	74	36.96	34.8	12.62	34.63	400	265	P	V
		5466.16	50.38	-17.82	68.2	37.58	34.8	12.63	34.63	400	265	P	V
		5458.64	40.24	-13.76	54	27.45	34.8	12.62	34.63	400	265	A	V
	*	5500	102.27	-	-	89.42	34.8	12.67	34.62	400	265	P	V
	*	5500	95.72	-	-	82.87	34.8	12.67	34.62	400	265	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5453.2	49.22	-24.78	74	36.43	34.8	12.62	34.63	400	162	P	H
		5464.48	48.75	-19.45	68.2	35.95	34.8	12.63	34.63	400	162	P	H
		5457.52	40.48	-13.52	54	27.69	34.8	12.62	34.63	400	162	A	H
	*	5580	104.69	-	-	91.89	34.7	12.76	34.66	400	162	P	H
	*	5580	97.66	-	-	84.86	34.7	12.76	34.66	400	162	A	H
		5739.8	50.72	-17.48	68.2	37.29	35.2	12.98	34.75	400	162	P	H
		5431.84	49.71	-24.29	74	36.98	34.76	12.6	34.63	397	236	P	V
		5462.56	48.45	-19.75	68.2	35.65	34.8	12.63	34.63	397	236	P	V
		5458.72	40.29	-13.71	54	27.5	34.8	12.62	34.63	397	236	A	V
	*	5580	101.2	-	-	88.4	34.7	12.76	34.66	397	236	P	V
	*	5580	93.5	-	-	80.7	34.7	12.76	34.66	397	236	A	V
		5730.98	50.73	-17.47	68.2	37.31	35.2	12.97	34.75	397	236	P	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 140 5700MHz	*	5700	105.47	-	-	92.08	35.2	12.92	34.73	296	168	P	H
	*	5700	98.49	-	-	85.1	35.2	12.92	34.73	296	168	A	H
		5725.88	52.3	-15.9	68.2	38.89	35.2	12.96	34.75	296	168	P	H
													H
													H
													H
	*	5700	104.01	-	-	90.62	35.2	12.92	34.73	395	262	P	V
	*	5700	96.03	-	-	82.64	35.2	12.92	34.73	395	262	A	V
		5725.88	50.39	-17.81	68.2	36.98	35.2	12.96	34.75	395	262	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. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	60.19	-13.81	74	61.64	37.8	19.11	58.36	400	194	P	H
		11000	50.87	-3.13	54	52.32	37.8	19.11	58.36	400	194	A	H
		16500	49.78	-18.42	68.2	40.72	42.1	23.44	56.48	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	61.28	-12.72	74	62.73	37.8	19.11	58.36	400	20	P	V
		11000	52.31	-1.69	54	53.76	37.8	19.11	58.36	400	20	A	V
		16500	49.88	-18.32	68.2	40.82	42.1	23.44	56.48	-	-	P	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 116 5580MHz		11160	61.72	-12.28	74	62.59	37.82	19.23	57.92	100	220	P	H
		11160	52.96	-1.04	54	53.83	37.82	19.23	57.92	100	220	A	H
		16740	48.59	-19.61	68.2	39.15	42.28	23.59	56.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11160	61.57	-12.43	74	62.44	37.82	19.23	57.92	296	161	P	V
		11160	52.62	-1.38	54	53.49	37.82	19.23	57.92	296	161	A	V
		16740	48.97	-19.23	68.2	39.53	42.28	23.59	56.43	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]



Band 3 5470~5725MHz

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

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 140 5700MHz	*	5700	108.19	-	-	94.8	35.2	12.92	34.73	298	167	P	H
	*	5700	100.72	-	-	87.33	35.2	12.92	34.73	298	167	A	H
		5728.68	51.86	-16.34	68.2	38.44	35.2	12.97	34.75	298	167	P	H
													H
													H
													H
	*	5700	105.19	-	-	91.8	35.2	12.92	34.73	394	261	P	V
	*	5700	97.56	-	-	84.17	35.2	12.92	34.73	394	261	A	V
		5748.6	50.73	-17.47	68.2	37.29	35.2	13	34.76	394	261	P	V
													V
													V
													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 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 144 5720MHz		5455.69	50.91	-23.09	74	38.12	34.8	12.62	34.63	400	159	P	H
		5463.49	49.84	-18.36	68.2	37.04	34.8	12.63	34.63	400	159	P	H
		5459.98	40.3	-13.7	54	27.5	34.8	12.63	34.63	400	159	A	H
	*	5720	103.45	-	-	90.04	35.2	12.95	34.74	400	159	P	H
	*	5720	96.88	-	-	83.47	35.2	12.95	34.74	400	159	A	H
		5943.5	51.72	-16.48	68.2	38.4	35.01	13.18	34.87	400	159	P	H
		5415.91	49.53	-24.47	74	36.86	34.73	12.58	34.64	395	235	P	V
		5465.83	48.31	-19.89	68.2	35.51	34.8	12.63	34.63	395	235	P	V
		5459.2	40.19	-13.81	54	27.39	34.8	12.63	34.63	395	235	A	V
	*	5720	100.65	-	-	87.24	35.2	12.95	34.74	395	235	P	V
	*	5720	93.56	-	-	80.15	35.2	12.95	34.74	395	235	A	V
		5870.25	51.69	-16.51	68.2	38.35	35.04	13.13	34.83	395	235	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 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5456.47	50.68	-23.32	74	37.89	34.8	12.62	34.63	378	160	P	H
		5462.71	49.04	-19.16	68.2	36.24	34.8	12.63	34.63	378	160	P	H
		5458.81	40.32	-13.68	54	27.53	34.8	12.62	34.63	378	160	A	H
	*	5720	103.75	-	-	90.34	35.2	12.95	34.74	378	160	P	H
	*	5720	96.79	-	-	83.38	35.2	12.95	34.74	378	160	A	H
		5860.75	52.65	-15.55	68.2	39.33	35.02	13.12	34.82	378	160	P	H
		5457.25	49.12	-24.88	74	36.33	34.8	12.62	34.63	394	235	P	V
		5467.39	48.02	-20.18	68.2	35.22	34.8	12.63	34.63	394	235	P	V
		5457.64	40.23	-13.77	54	27.44	34.8	12.62	34.63	394	235	A	V
	*	5720	99.41	-	-	86	35.2	12.95	34.74	394	235	P	V
	*	5720	92.85	-	-	79.44	35.2	12.95	34.74	394	235	A	V
		5857	51.5	-16.7	68.2	38.19	35.01	13.12	34.82	394	235	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. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	61.91	-12.09	74	61.5	38.12	19.43	57.14	324	192	P	H
		11440	52.18	-1.82	54	51.77	38.12	19.43	57.14	324	192	A	H
		17160	51.36	-16.84	68.2	42.04	41.58	23.86	56.12	-	-	P	H
													H
													H
													H
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													H
													H
													H
													H
		11440	58.71	-15.29	74	58.3	38.12	19.43	57.14	389	163	P	V
		11440	49.7	-4.3	54	49.29	38.12	19.43	57.14	389	163	A	V
		17160	51.01	-17.19	68.2	41.69	41.58	23.86	56.12	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

WIFI 802.11ax HE20 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full SHF		39956	46.31	-27.69	74	44.9	44.8	14.9	58.29	-	-	P	H
													H
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Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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 LF		61.86	32.62	-7.38	40	48.88	12.02	1.63	29.91	-	-	P	H
		155.82	28.77	-14.73	43.5	39.49	16.6	2.52	29.84	-	-	P	H
		247.35	36.28	-9.72	46	45.27	17.83	3	29.82	-	-	P	H
		624.1	29.24	-16.76	46	28.45	25.88	4.64	29.73	-	-	P	H
		834.8	31.57	-14.43	46	27.44	27.92	5.41	29.2	-	-	P	H
		953.1	33.24	-12.76	46	26.9	29.22	5.77	28.65	-	-	P	H
													H
													H
													H
													H
													H
		30.27	32.18	-7.82	40	36.8	24.21	1.11	29.94	-	-	P	V
		61.86	30.07	-9.93	40	46.33	12.02	1.63	29.91	-	-	P	V
		259.5	30.57	-15.43	46	37.81	19.51	3.07	29.82	-	-	P	V
		724.2	29.68	-16.32	46	27.54	26.69	4.99	29.54	-	-	P	V
		858.6	34.45	-11.55	46	29.82	28.23	5.51	29.11	-	-	P	V
		954.5	32.6	-13.4	46	26.04	29.42	5.78	28.64	-	-	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 Margin line.
P/A	Peak or Average
H/V	Horizontal or Vertical

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

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

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

For Peak Limit @ 5150MHz:

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

For Average Limit @ 5150MHz:

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

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



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	23.9~26.8°C
		Relative Humidity :	43~68.2%

Note symbol

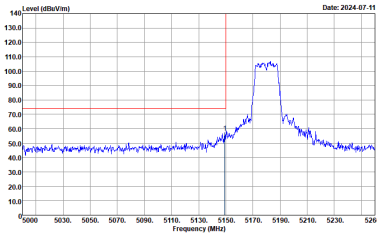
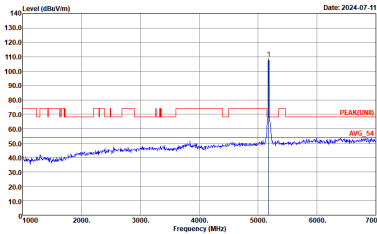
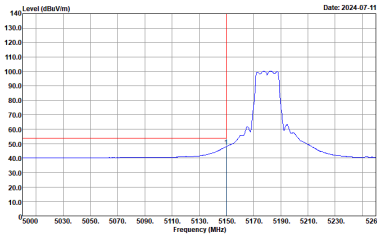
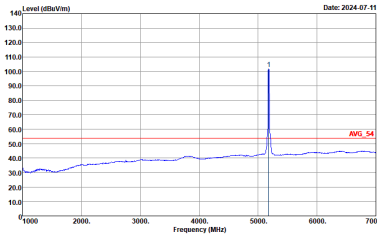
-L	Low channel location
-R	High channel location



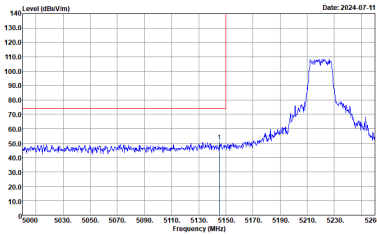
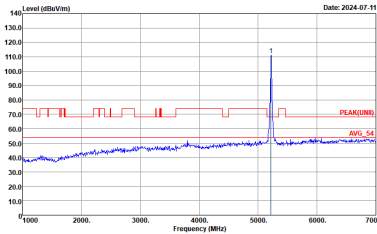
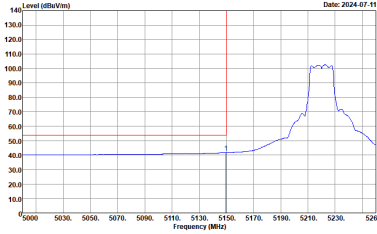
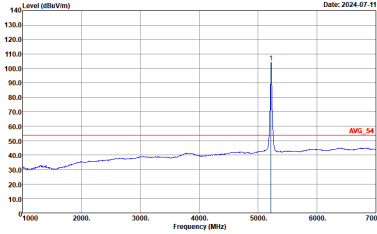
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : : PEAK_BE_3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH07-HY Condition : : PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH07-HY Condition : : AVG_BE_3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	Site : 03CH07-HY Condition : : AVG_3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto

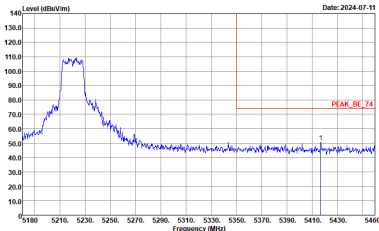
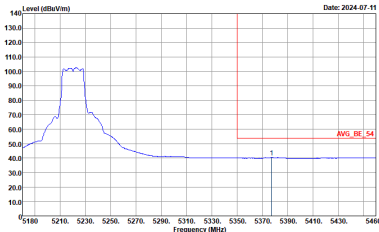


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_FUND 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

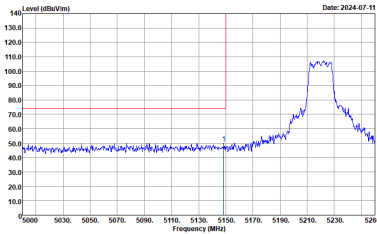
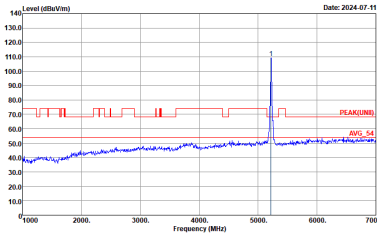
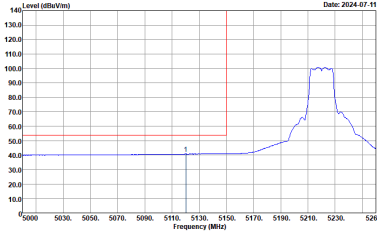
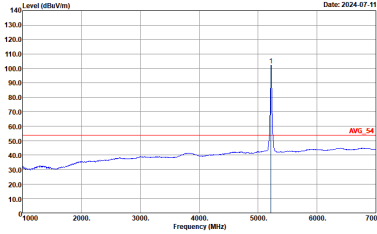


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : : PEAK(LINE) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.030kHz SWTAuto	 Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.030kHz SWTAuto

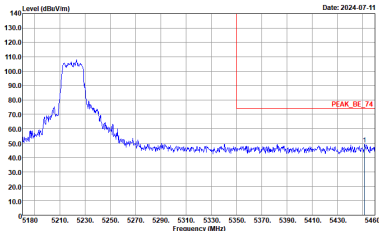
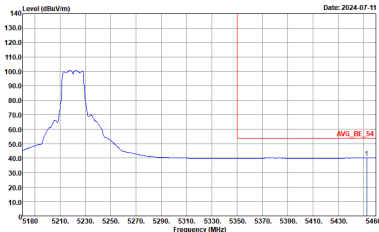


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank

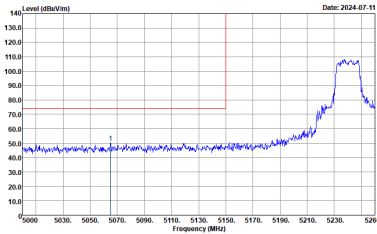
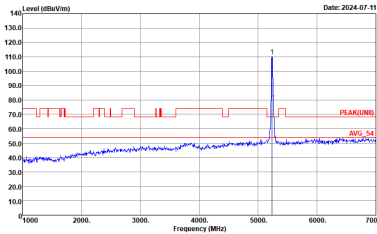
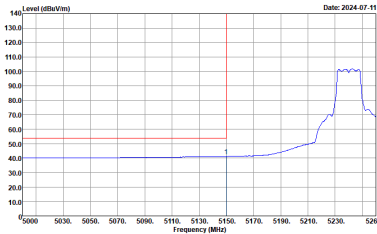
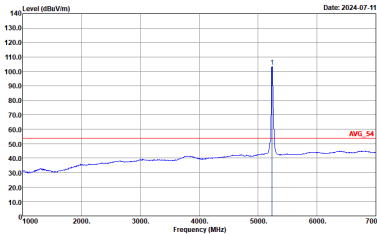


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

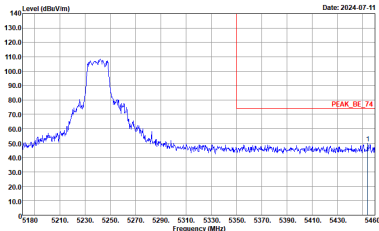
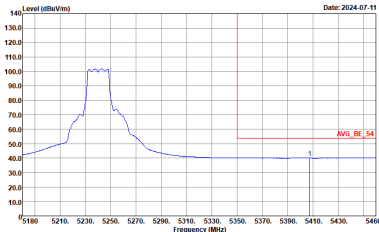


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : : PEAK(LINE) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

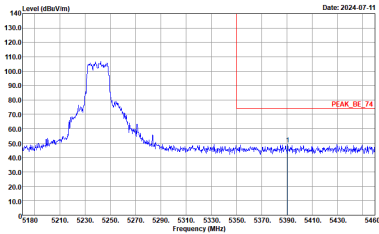
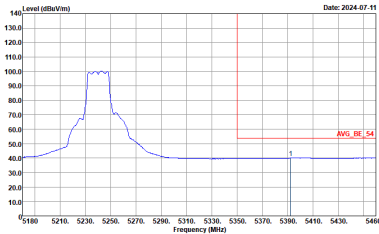


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



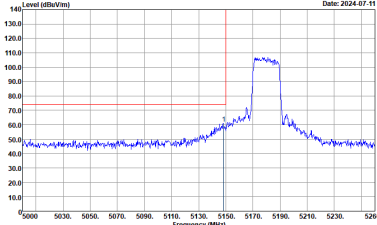
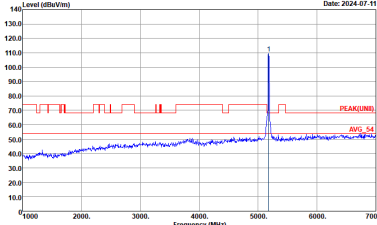
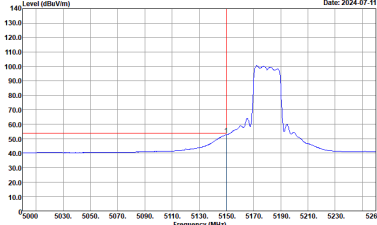
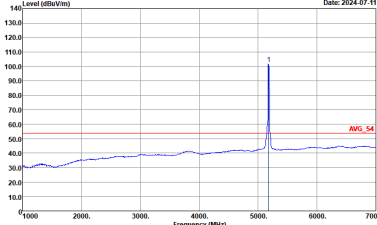
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto



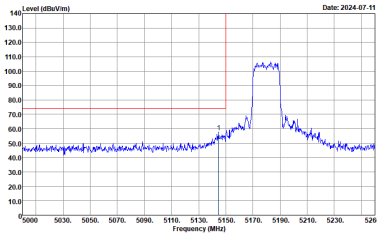
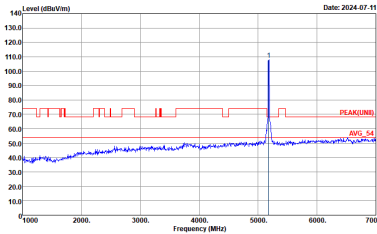
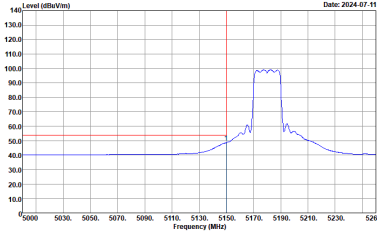
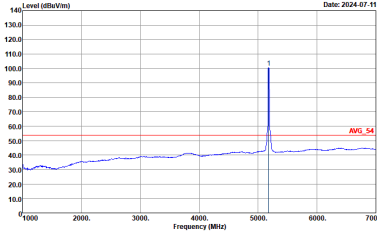
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



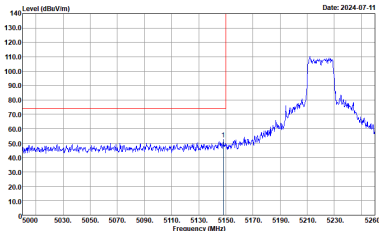
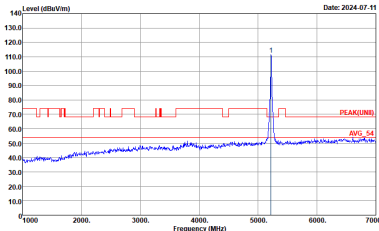
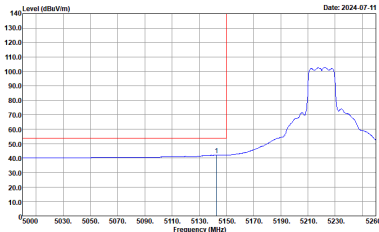
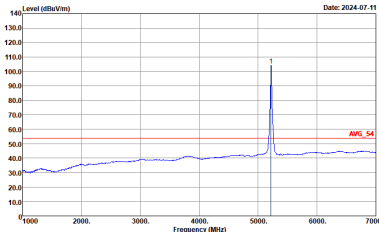
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_34 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

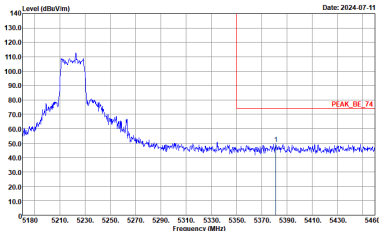
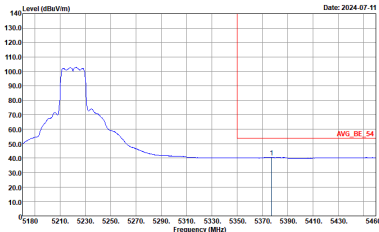


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(LINE) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

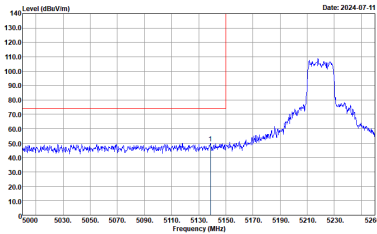
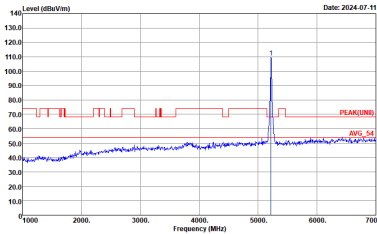
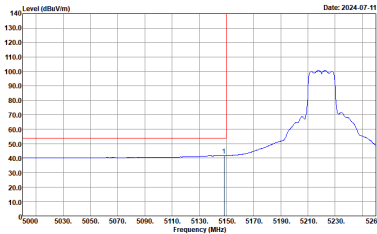
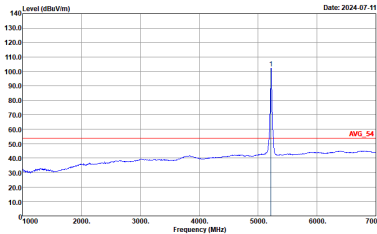


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

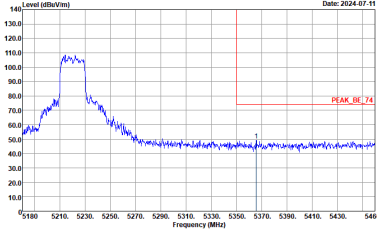
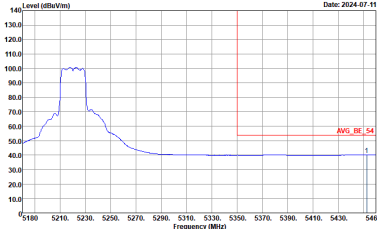


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

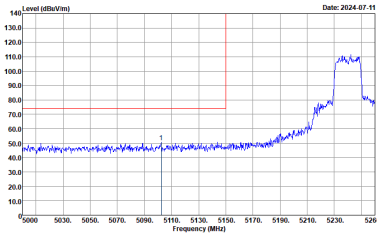
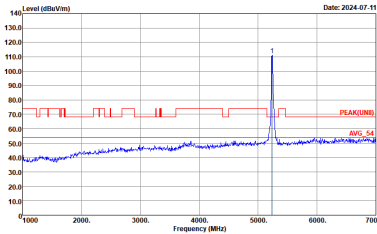
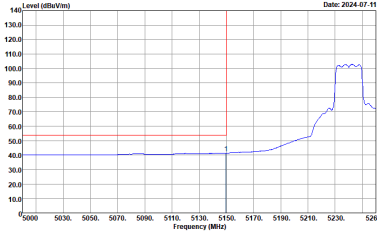
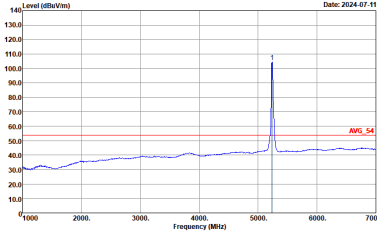


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

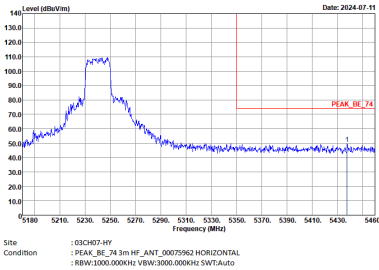
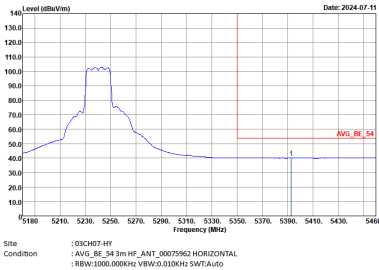


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz 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 : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto

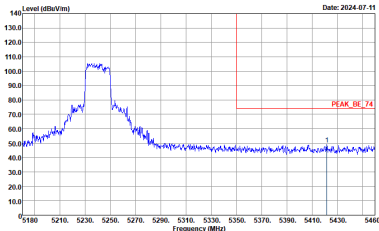
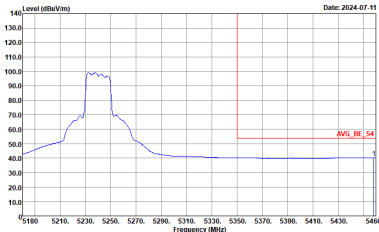


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



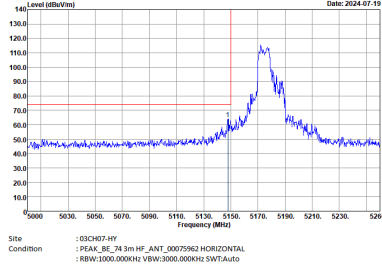
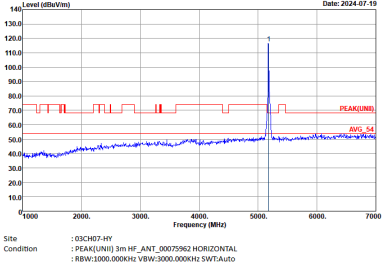
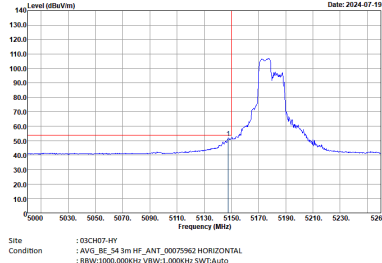
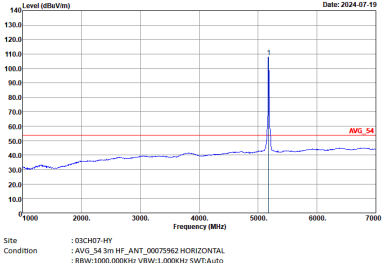
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto



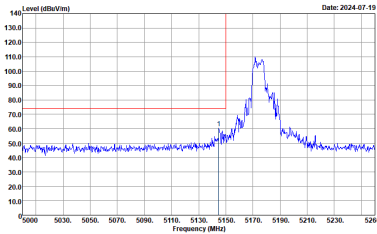
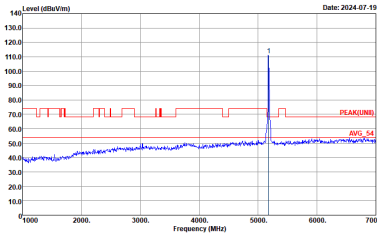
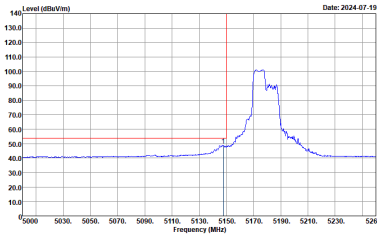
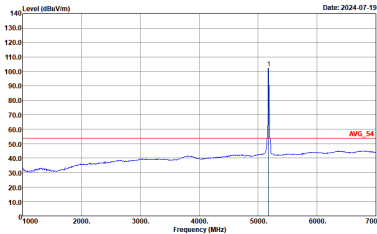
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto	Left blank



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

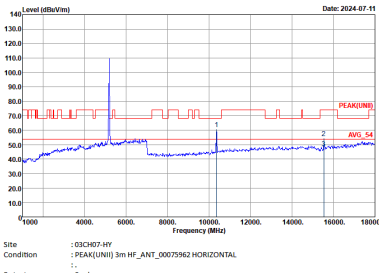
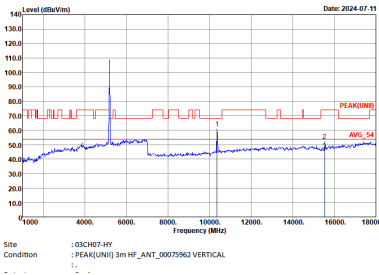
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site Condition : 03CH07-HY : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site Condition : 03CH07-HY : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site Condition : 03CH07-HY : AVG_34 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto



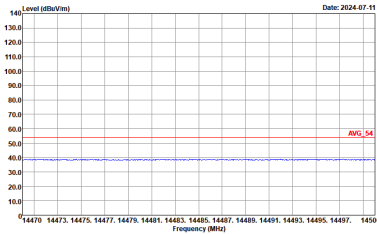
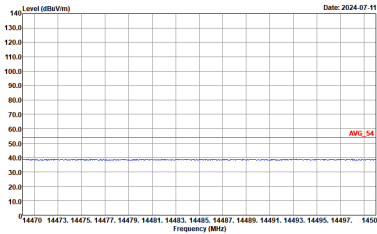
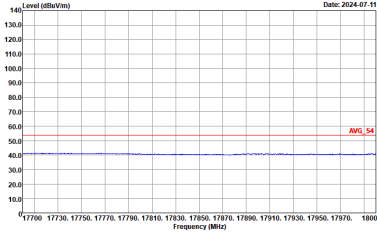
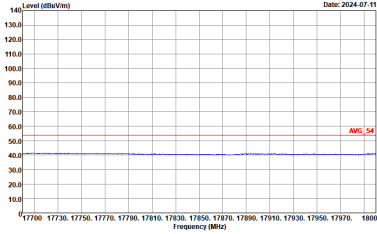
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL - - - - - - - - - -	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL - - - - - - - - - -



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-11	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-11
	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-11	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-11
17.7G ~18G Avg		

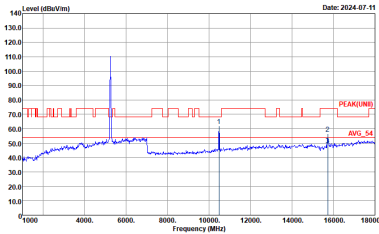
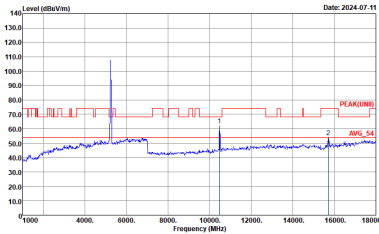


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK(UIN) 3m HF_ANT_00075962 HORIZONTAL -- --	Site : 03CH07-HY Condition : PEAK(UIN) 3m HF_ANT_00075962 VERTICAL -- --

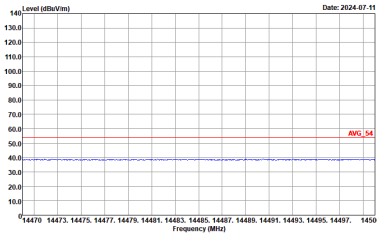
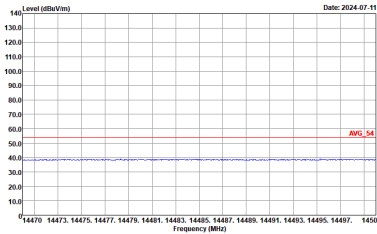
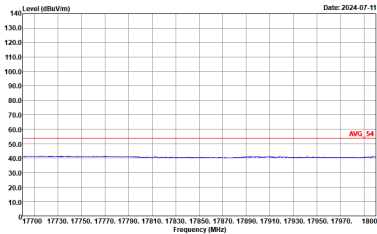
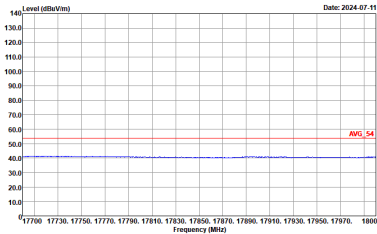


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The date is 2024-07-11. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The date is 2024-07-11. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The date is 2024-07-11. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The date is 2024-07-11. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL



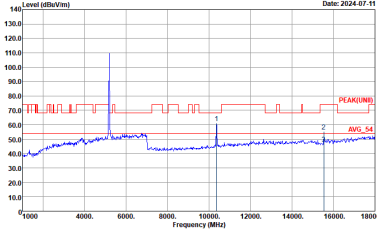
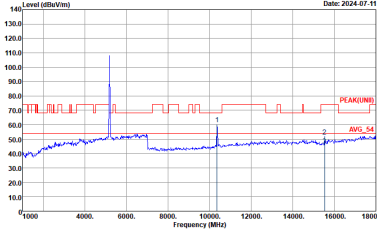
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 09CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 HORIZONTAL -- --	 Site : 09CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 VERTICAL -- --



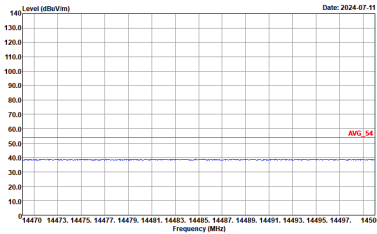
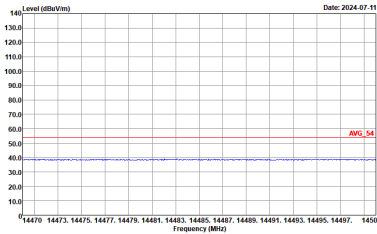
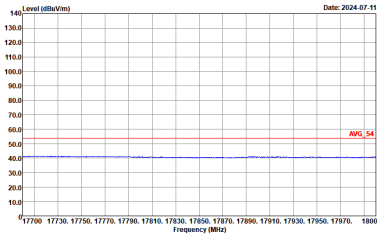
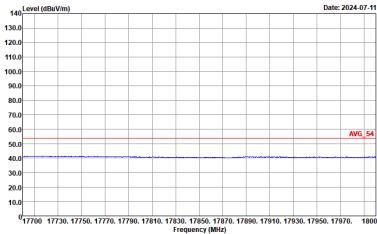
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-11	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-11
	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-11	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-11
17.7G ~18G Avg		



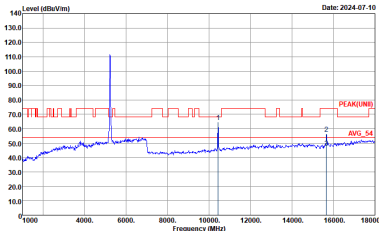
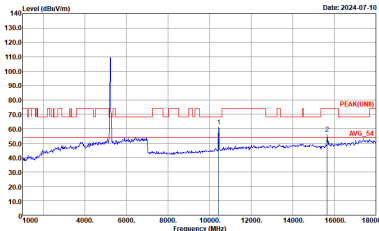
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 VERTICAL



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-11	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-11
	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-11	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-11
17.7G ~18G Avg		

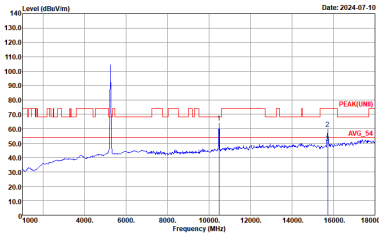
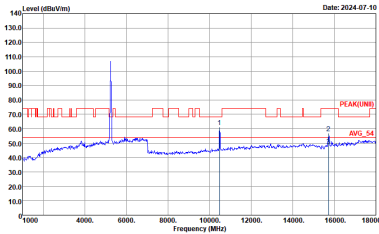


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 09CH07-HY Condition : : PEAK(AVG) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 09CH07-HY Condition : : PEAK(AVG) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto
	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto



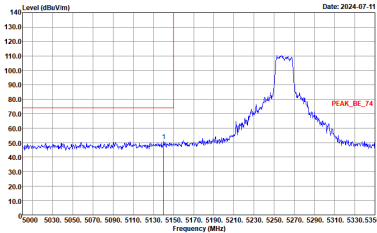
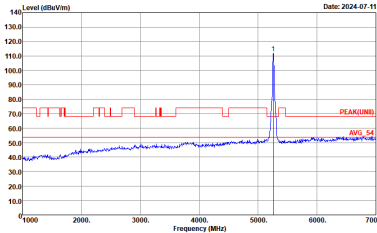
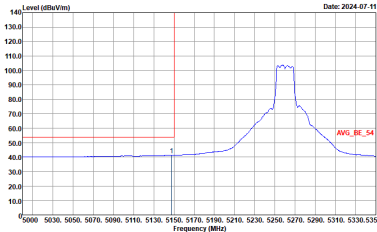
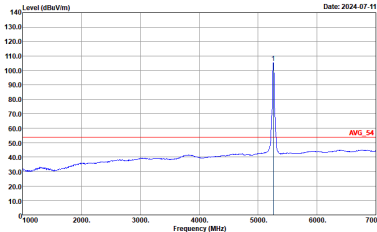
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 09CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 HORIZONTAL - - - - -	 Site : 09CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 VERTICAL - - - - -



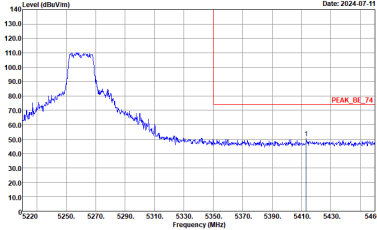
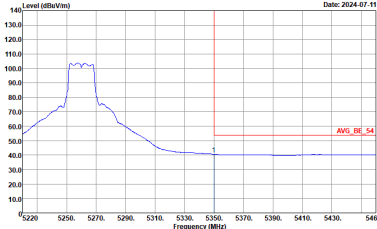
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10
	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10



Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : : PEAK_LNB 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	 Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto

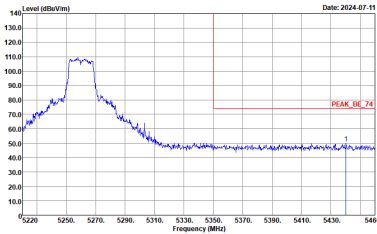
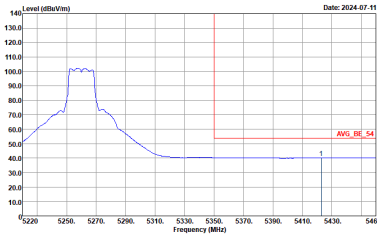


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

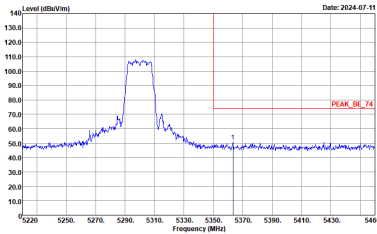
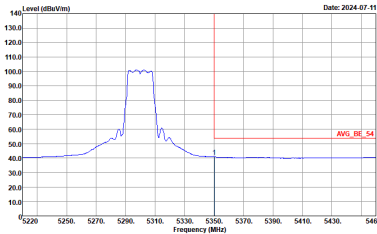


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank

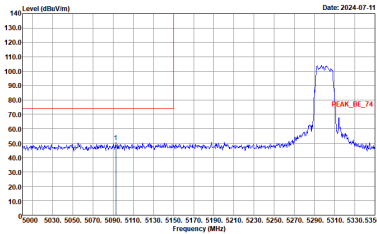
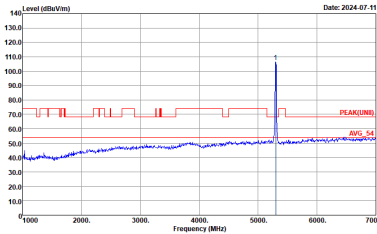
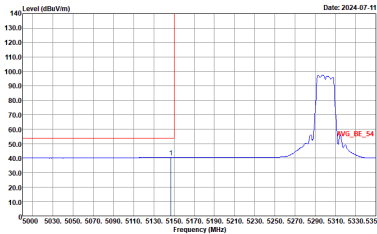
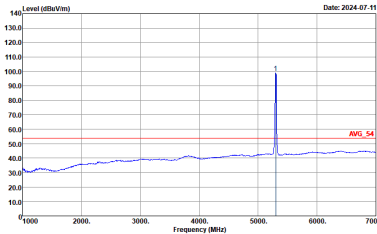


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : : PEAK(LNB) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

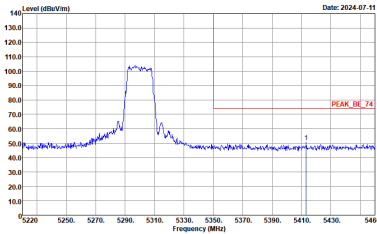
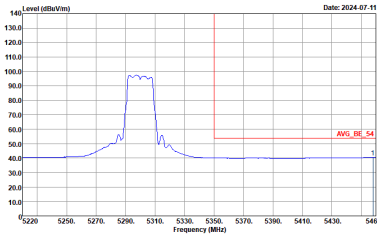


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

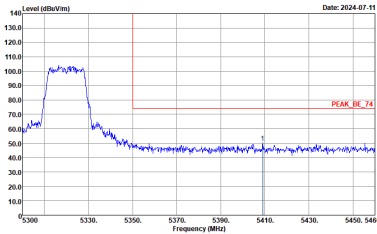
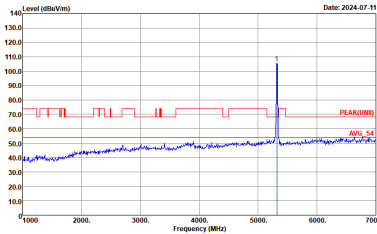
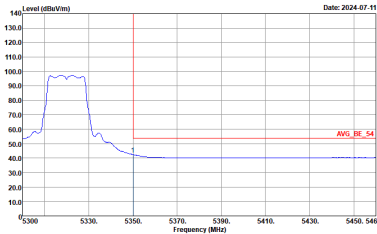
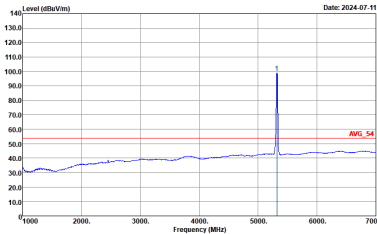


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



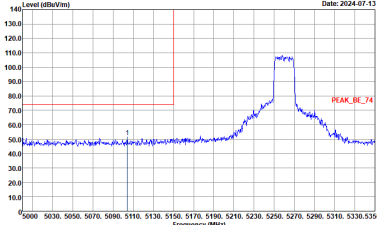
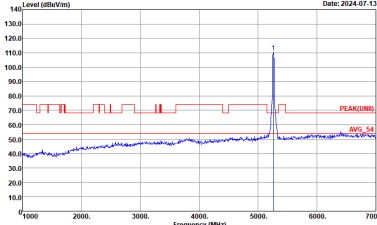
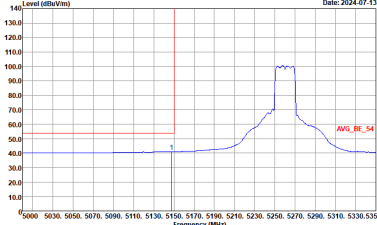
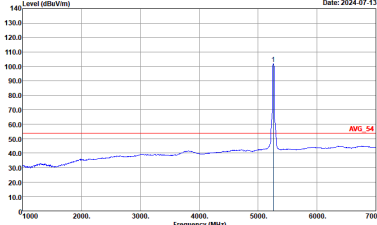
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : : PEAK(LNB) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto



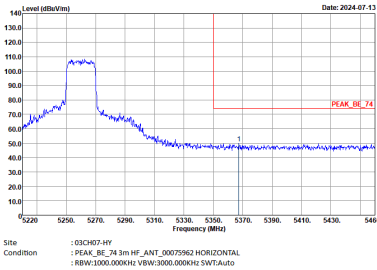
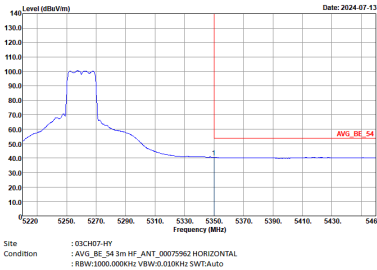
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site Condition : 03CH07-HY : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto



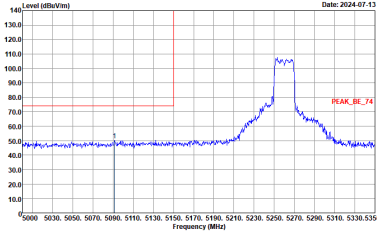
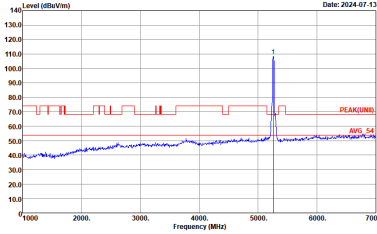
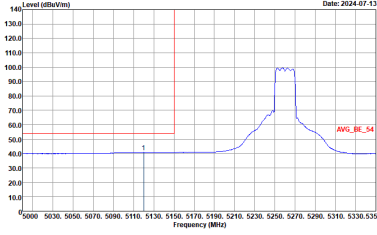
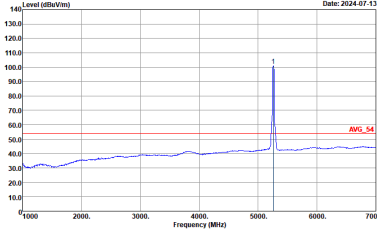
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_UNB() 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

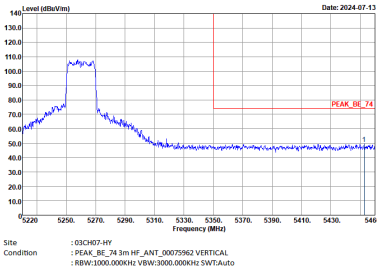
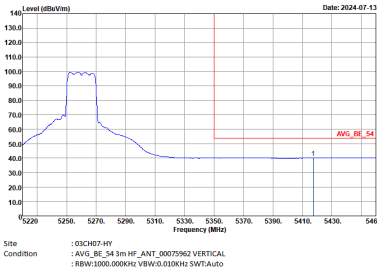


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

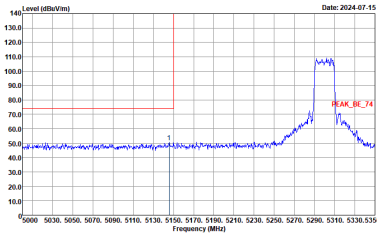
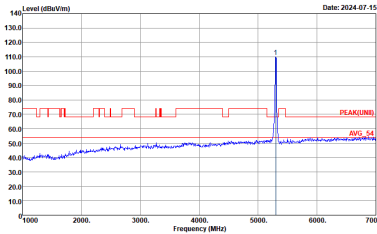
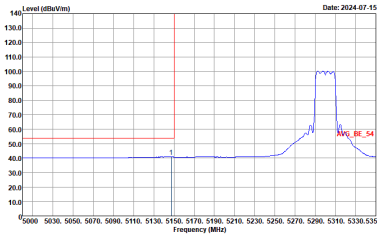
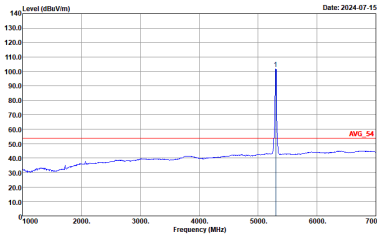


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto
Avg.		

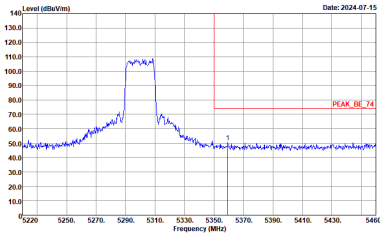
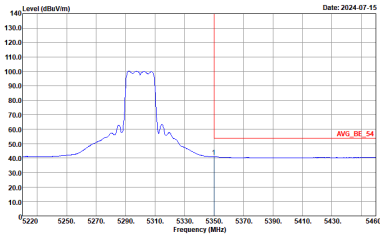


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : : PEAK(LNB) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

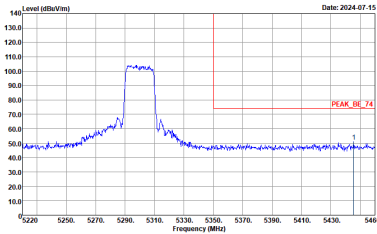
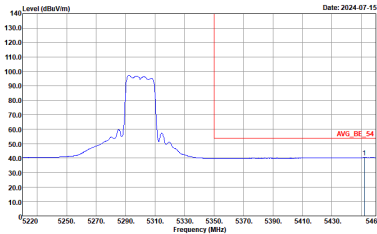


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

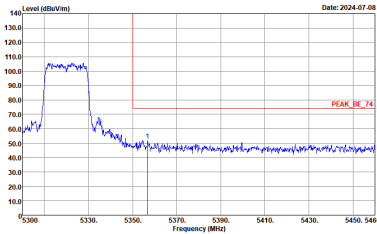
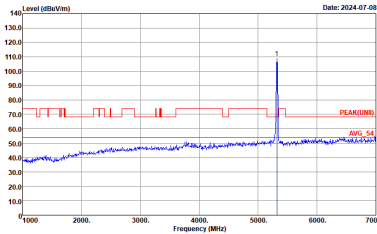
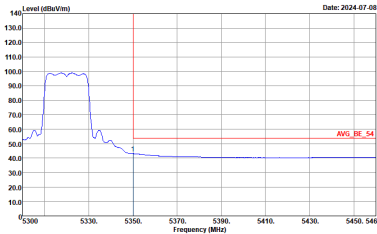
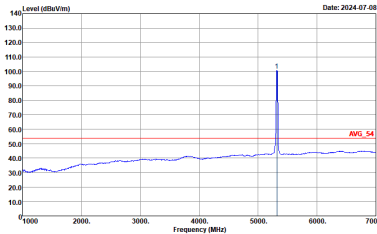


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	Left blank

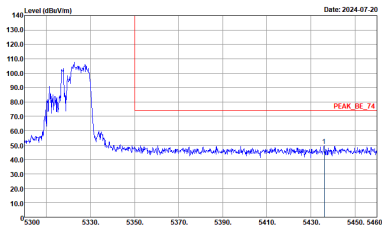
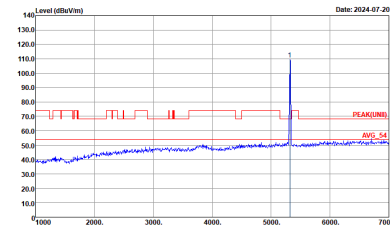
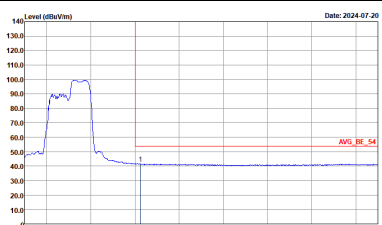
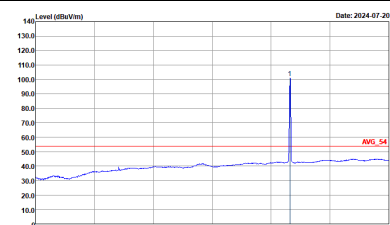


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site Condition : 03CH07-HY : PEAK_LNB 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

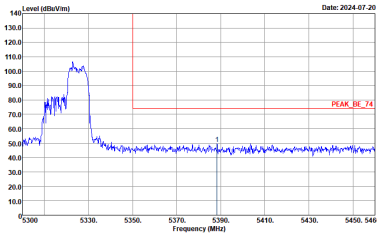
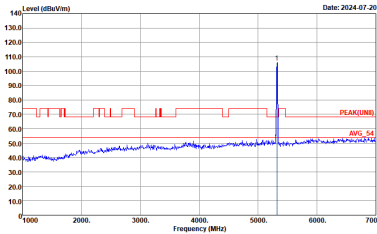
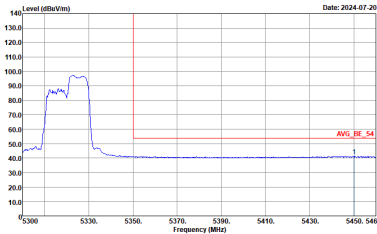
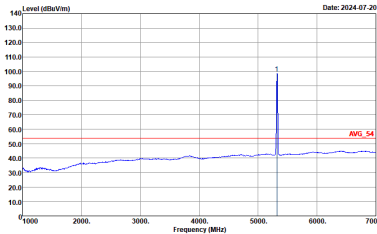


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1	Vertical	Fundamental
Peak	Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site Condition : 03CH07-HY : PEAK_LNB 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

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

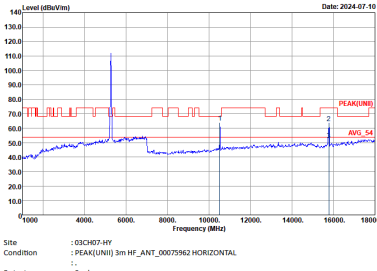
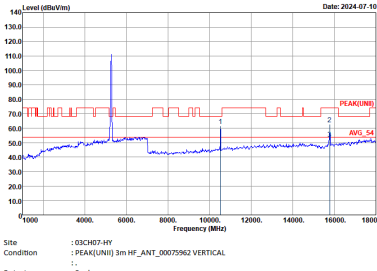
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site Condition : 03CH07-HY : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
	 Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto
Avg.		



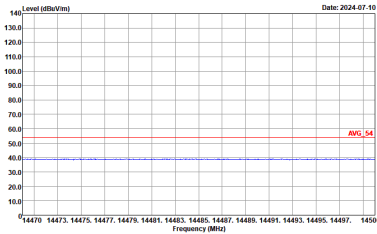
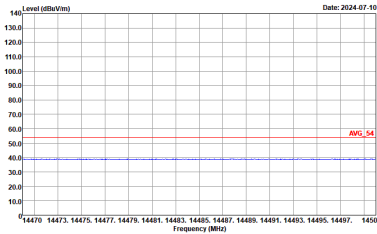
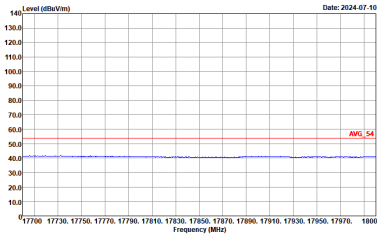
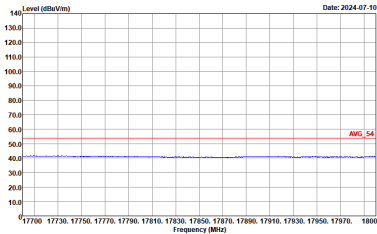
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto



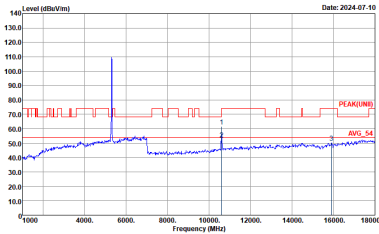
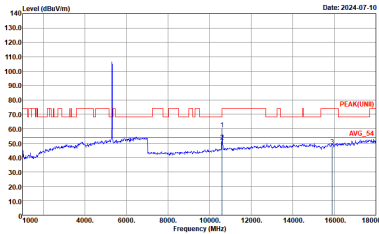
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

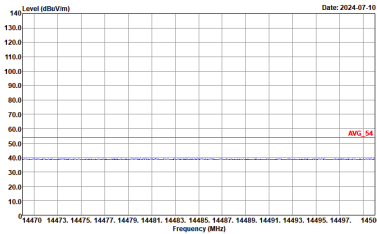
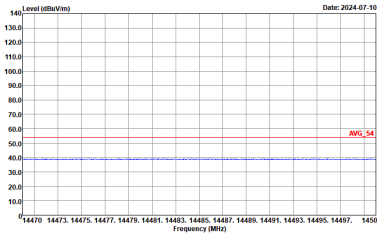
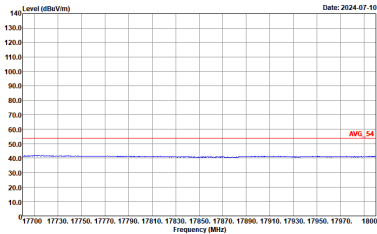
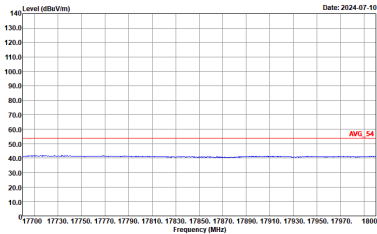


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10
	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10

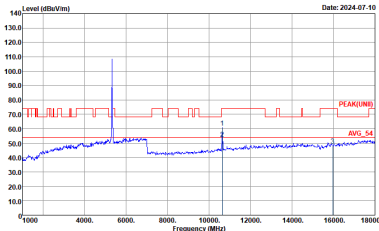
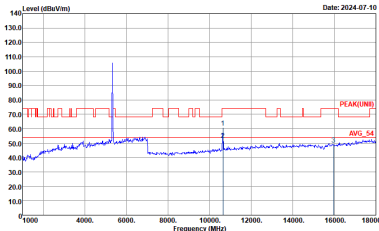


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 09CH07-HY Condition : PEAK(AVG) 3m HF_ANT_00075962 HORIZONTAL - - - - -	 Site : 09CH07-HY Condition : PEAK(AVG) 3m HF_ANT_00075962 VERTICAL - - - - -



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10
	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10



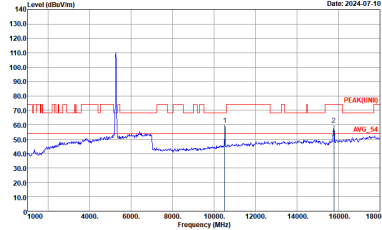
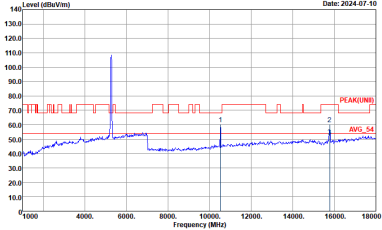
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 09CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 HORIZONTAL -- --	 Site : 09CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 VERTICAL -- --



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The date is 2024-07-10. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The date is 2024-07-10. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The date is 2024-07-10. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The date is 2024-07-10. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL



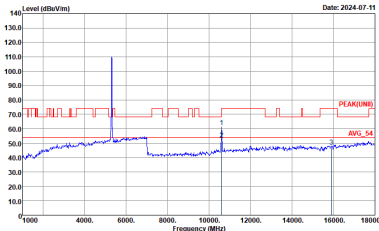
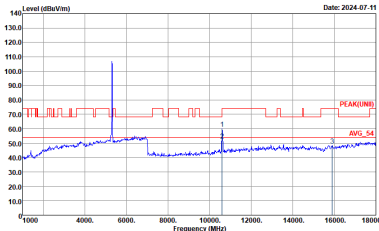
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition : PEAK(UM) 3m HF_ANT_00075962 VERTICAL

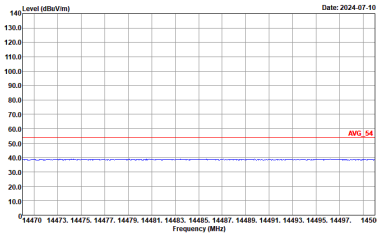
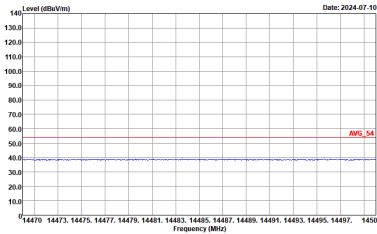
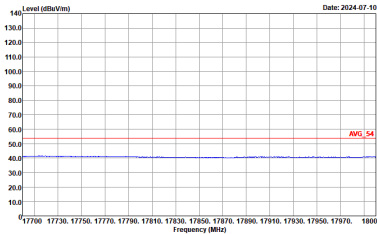
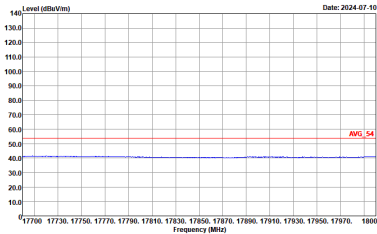


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The plot shows a flat spectrum with noise floor around 30 dBuV/m. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The plot shows a flat spectrum with noise floor around 30 dBuV/m. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10
	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The plot shows a flat spectrum with noise floor around 30 dBuV/m. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. The plot shows a flat spectrum with noise floor around 30 dBuV/m. Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10

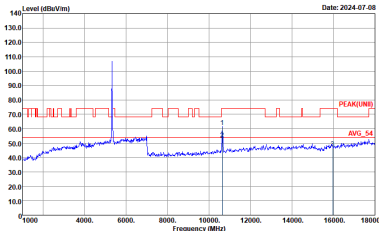
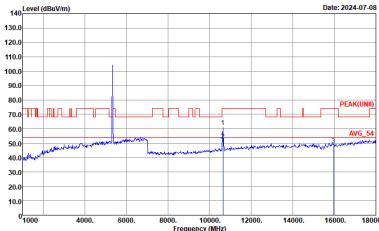


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 09CH07-HY Condition : PEAK(AVG) 3m HF_ANT_00075962 HORIZONTAL - - - - - - - - - -	 Site : 09CH07-HY Condition : PEAK(AVG) 3m HF_ANT_00075962 VERTICAL - - - - - - - - - -

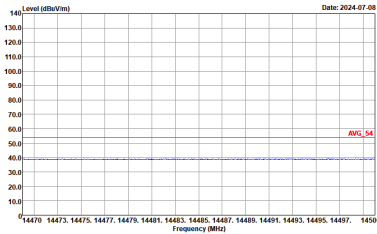
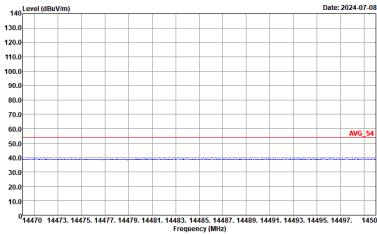
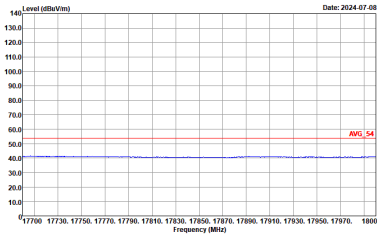
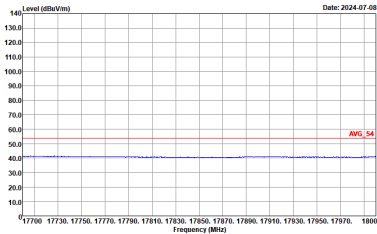


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10
	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-10	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-10



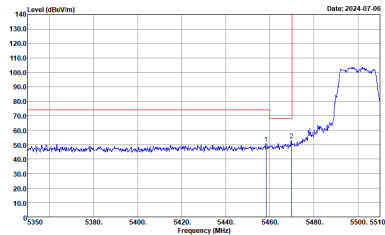
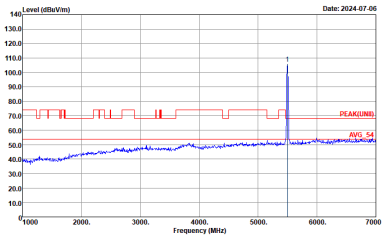
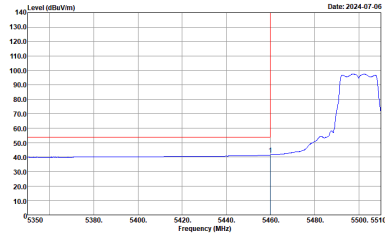
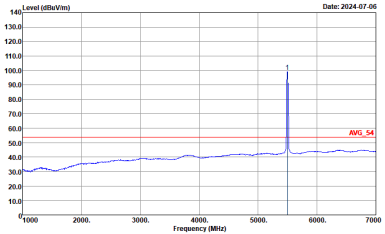
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 09CH07-HY Condition : PEAK(AVG) 3m HF_ANT_00075962 HORIZONTAL - - - - - - - - - -	 Site : 09CH07-HY Condition : PEAK(AVG) 3m HF_ANT_00075962 VERTICAL - - - - - - - - - -



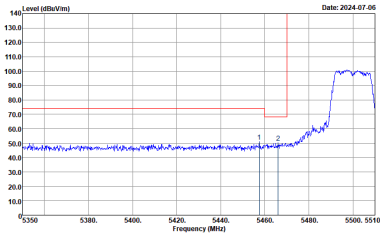
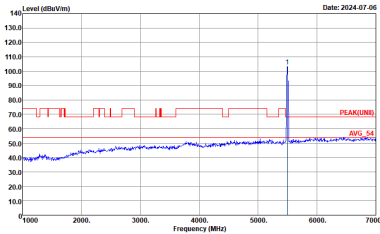
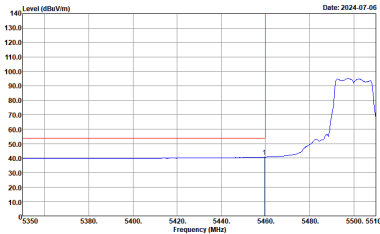
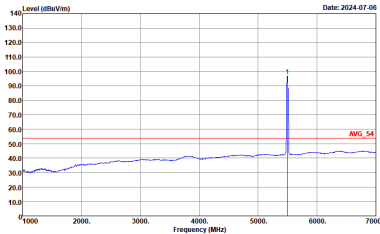
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-08	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-08
	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL Date: 2024-07-08	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL Date: 2024-07-08
17.7G ~18G Avg		



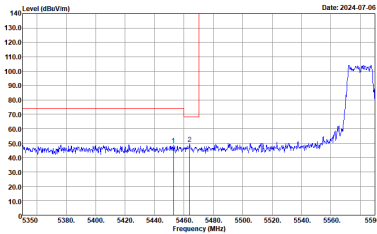
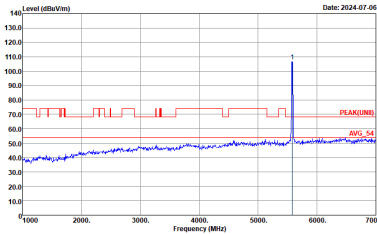
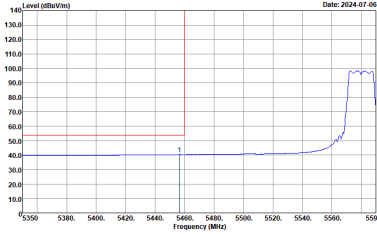
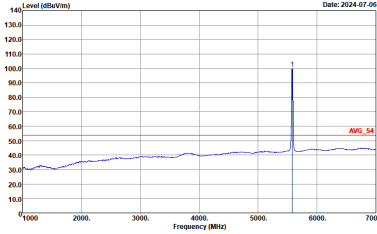
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : : PEAK_F[UNII] 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto	 Site : 03CH07-HY Condition : : AVG_F4 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto

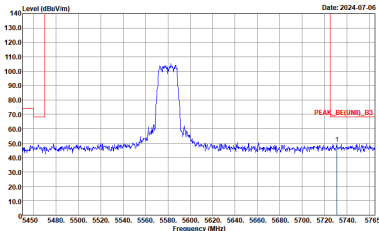


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(UNII)_3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.030kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_S4 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.030kHz SWTAuto

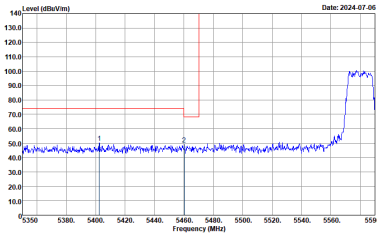
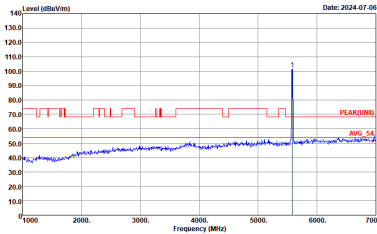
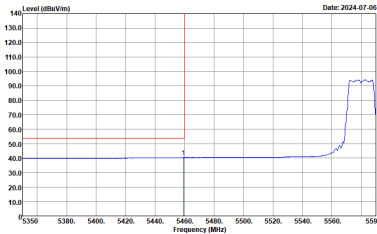
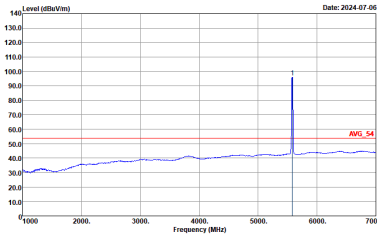


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.030kHz SWTAuto	 Site : 03CH07-HY Condition : : AVG_S4 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.030kHz SWTAuto

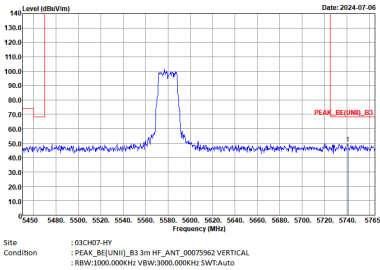


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 08CH07-HY Condition : PEAK_BREUNII_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWF:Auto Date: 2024-07-06	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.030kHz SWTAuto	 Site : 03CH07-HY Condition : : AVG_S4 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.030kHz SWTAuto



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank