



# FCC RADIO TEST REPORT

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

The product was received on Feb. 16, 2024 and testing was performed from Feb. 29, 2024 to Mar. 15, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Louis Wu

**Sporton International Inc. Wensan Laboratory**

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



## Table of Contents

**History of this test report..... 3**

**Summary of Test Result..... 4**

**1 General Description ..... 5**

    1.1 Product Feature of Equipment Under Test..... 5

    1.2 Modification of EUT ..... 5

    1.3 Testing Location ..... 5

    1.4 Applicable Standards..... 6

**2 Test Configuration of Equipment Under Test ..... 7**

    2.1 Carrier Frequency and Channel ..... 7

    2.2 Test Mode ..... 8

    2.3 Connection Diagram of Test System ..... 9

    2.4 Support Unit used in test configuration and system ..... 10

    2.5 EUT Operation Test Setup ..... 10

    2.6 Measurement Results Explanation Example..... 11

**3 Test Result ..... 12**

    3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement ..... 12

    3.2 Maximum E.I.R.P Output Power Measurement ..... 13

    3.3 Power Spectral Density Measurement ..... 14

    3.4 Unwanted Emissions Measurement ..... 16

    3.5 AC Conducted Emission Measurement..... 21

    3.6 Antenna Requirements ..... 23

**4 List of Measuring Equipment..... 24**

**5 Measurement Uncertainty ..... 26**

**Appendix A. Conducted Test Results**

**Appendix B. AC Conducted Emission Test Result**

**Appendix C. Radiated Spurious Emission**

**Appendix D. Radiated Spurious Emission Plots**

**Appendix E. Duty Cycle Plots**

**Appendix F. Setup Photographs**



### History of this test report

Report No.	Version	Description	Issue Date
FR420107G	01	Initial issue of report	Apr. 23, 2024



### Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(e)	6dB & 26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum E.I.R.P Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	7.22 dB under the limit at 42.78 MHz
3.5	15.207	AC Conducted Emission	Pass	19.68 dB under the limit at 0.15 MHz
3.6	15.203	Antenna Requirement	Pass	-

**Conformity Assessment Condition:**

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

**Disclaimer:**

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

**Reviewed by: Yun Huang**

**Report Producer: Clio Lo**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

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

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

Antenna information		
5850 MHz ~ 5895 MHz	Peak Gain (dBi)	-4.3

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

## 1.2 Modification of EUT

No modifications are made to the EUT during all test items.

## 1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	<p><b>Sporton Site No.</b></p> <p>TH05-HY, CO07-HY, 03CH15-HY</p>

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

FCC designation No.: TW3786



## **1.4 Applicable Standards**

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 291074 D02 EMC Measurement v01(Draft)
- ♦ ANSI C63.10-2013

**Remark:**

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



## 2 Test Configuration of Equipment Under Test

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

### 2.1 Carrier Frequency and Channel

Frequency Band	Bandwidth	Channel	Frequency (MHz)	Note
5850-5895 MHz (U-NII-4)	20 MHz	169	5845	Straddle
		173	5865	
		177	5885	
	40 MHz	167	5835	Straddle
		175	5875	
	80 MHz	171	5855	Straddle

**Note:** The channel noted with “straddle” spans 5.725-5.850 GHz and 5.850-5.895 GHz.



## 2.2 Test Mode

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

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

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

The partial RU modes in HE40/HE80 are covered by modes in HE20 because the power setting is identical

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

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

### Single Mode

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

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



Ch. #		RF test channel of UNII-4 and UNII-3 &-4 span channels	
		802.11a	802.11n HT20
L	Low	169	169
M	Middle	173	173
H	High	177	177

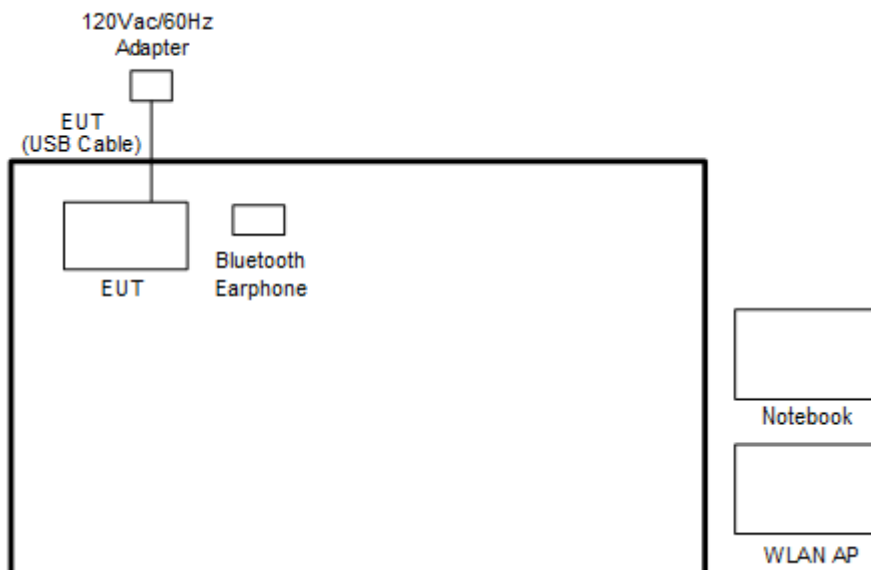
Ch. #		RF test channel of UNII-4 and UNII-3 &-4 span channels		
		802.11ac VHT20	802.11ac VHT40	802.11ac VHT80
L	Low	169	167	-
M	Middle	173	-	171
H	High	177	175	-

Ch. #		RF test channel of UNII-4 and UNII-3 &-4 span channels		
		802.11ax HE20	802.11ax HE40	802.11ax HE80
L	Low	169	167	-
M	Middle	173	-	171
H	High	177	175	-

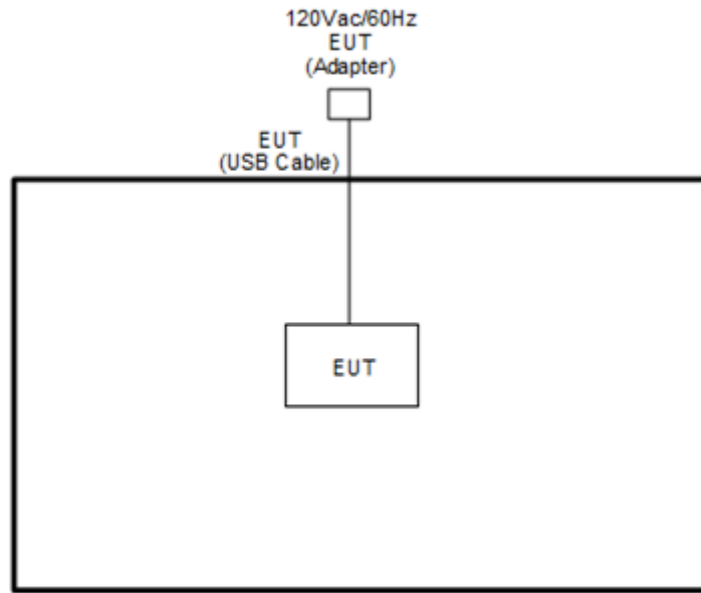
**Remark:** For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

## 2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



## 2.4 Support Unit used in test configuration and system

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

## 2.5 EUT Operation Test Setup

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



## 2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

*Offset = RF cable loss + attenuator factor.*

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

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

### 3 Test Result

#### 3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

##### 3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

##### 3.1.2 Measuring Instruments

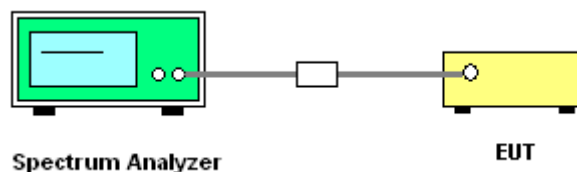
See list of measuring equipment of this test report.

##### 3.1.3 Test Procedures

The testing follows FCC KDB 291074 D02 EMC Measurement v01 (Draft) Section 2.11 Minimum Emission bandwidth

1. Set RBW = 100 kHz.
2. Set the VBW  $\geq 3 \times$  RBW.
3. Detector = Peak.
4. Trace mode = max hold
5. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
6. Measure and record the results in the test report.

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

## 3.2 Maximum E.I.R.P Output Power Measurement

### 3.2.1 Limit of Maximum E.I.R.P Output Power

For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

### 3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

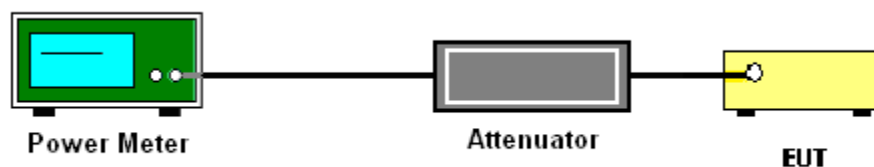
### 3.2.3 Test Procedures

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**

1. For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band.
2. For client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands shall meet both 15.407(a)(3)(i) 30dBm/500kHz and 15.407(a)(3)(iii) 14dBm/MHz limit, where the stringent limit 14dBm/MHz is applied.
3. For an indoor access point operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands shall meet both 15.407(a)(3)(ii) 36dBm limit, where the stringent limit 20dBm/MHz is applied.

#### **3.3.2 Measuring Instruments**

See list of measuring equipment of this test report.

### 3.3.3 Test Procedures

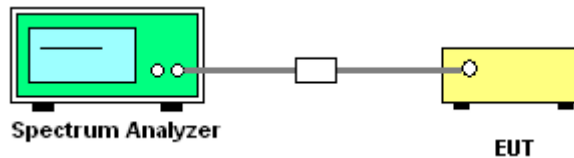
The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.  
Section F) Maximum power spectral density.

#### # 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) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as the following 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.

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

(2) For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:

15.407(b)(5)(i), all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz.

All emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

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

Use guidance in KDB Publication 789033 for all measurements. Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Unwanted band-edge emissions may be measured using the integration method as described in KDB Publication 789033 3. d) (ii). Emissions below 5725 MHz should be measured using peak-detection while emission above 5895 MHz should be measured using average.





Frequency(GHz)	EIRP (dBm)	Field Strength @3m distance (dBuV/m)	Note
Below 5.65	-27dBm/MHz	68.2	Peak
5.7	10dBm/MHz	105.2	Peak
5.72	15.6dBm/MHz	110.8	Peak
5.725	27dBm/MHz	122.2	Peak
5.895	-5dBm/MHz	90.2	Average
5.895	15dBm/MHz	110.2	Peak
Above 5.925	-27dBm/MHz	68.2	Average
Above 5.925	-7dBm/MHz	88.2	Peak

**Note:** Field strength at 3 m distance is converted to EIRP as the following equation:  
 $EIRP[dBm] = E[dB\mu V/m] - 95.2$

### 3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

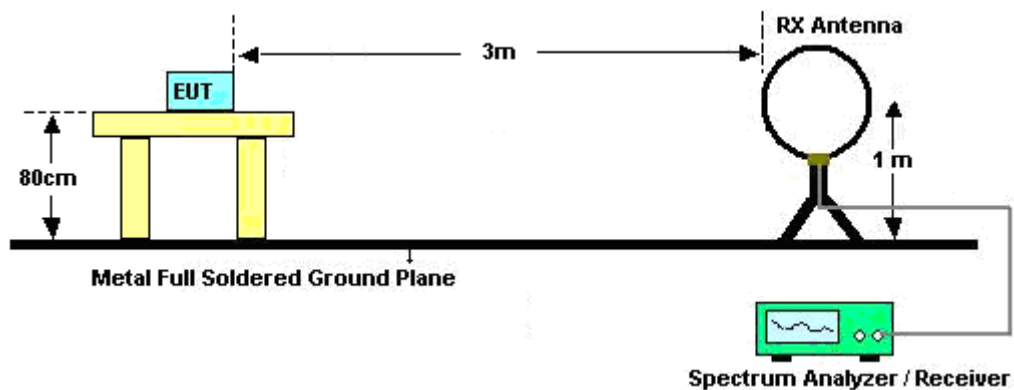
### 3.4.3 Test Procedures

- The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
  - Procedure for Unwanted Emissions Measurements Below 1000 MHz
    - RBW = 120 kHz
    - VBW = 300 kHz
    - Detector = Peak
    - Trace mode = max hold
  - Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW ≥ 3 MHz
    - Detector = Peak
    - Sweep time = auto
    - Trace mode = max hold
  - Procedures for Average Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW = 10 Hz, when duty cycle is no less than 98 percent.
    - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

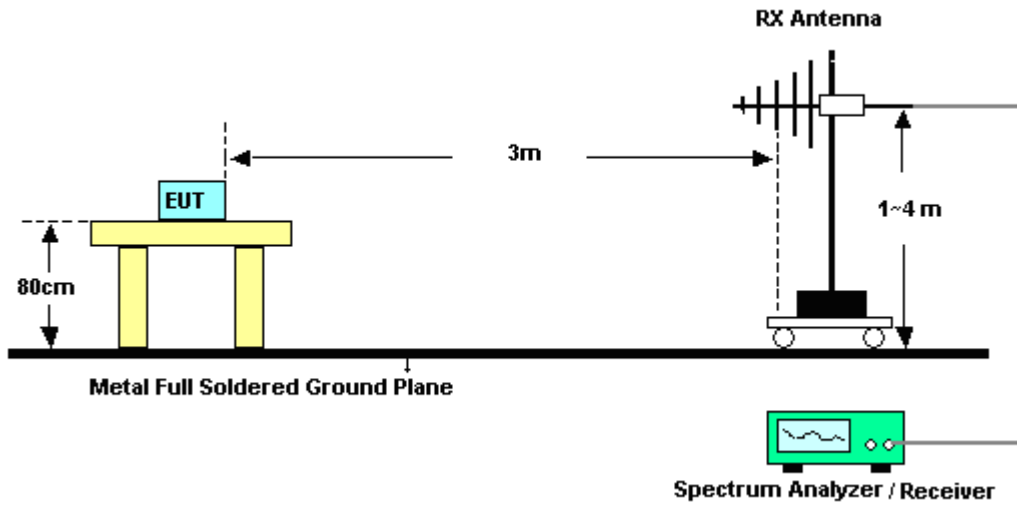
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was placed at distance 3 meter from measurement antenna which was mounted on the top of a variable height antenna tower.
4. The measurement antenna 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.
5. For each suspected emission, the EUT was 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 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0 degree to 360 degree to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6dB margin against QP limit line, the position is marked as “-“.
7. Radiated testing above 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0 degree to 360 degree 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 6dB margin against average limit line, the position is marked as “-“.

### 3.4.4 Test Setup

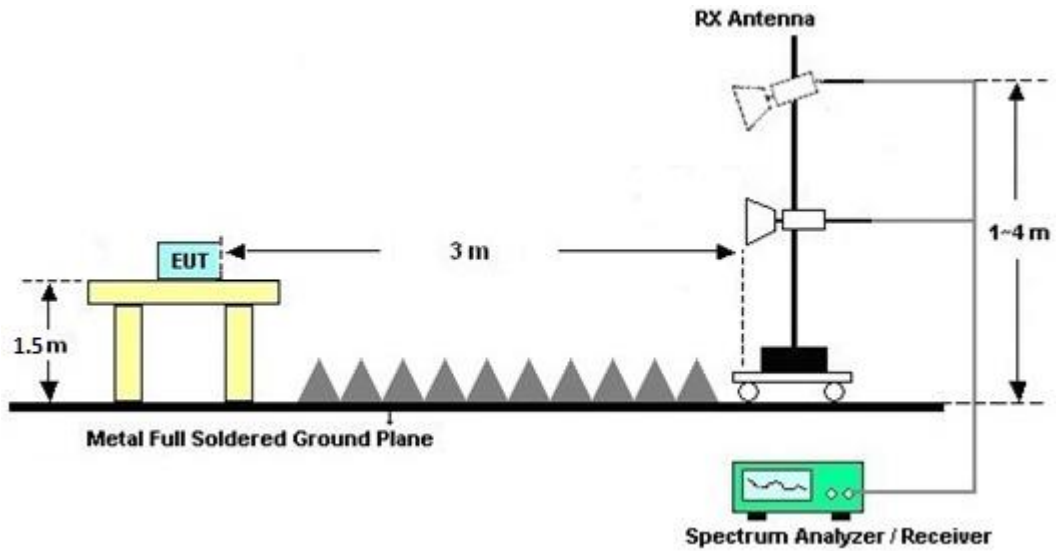
For radiated emissions below 30MHz



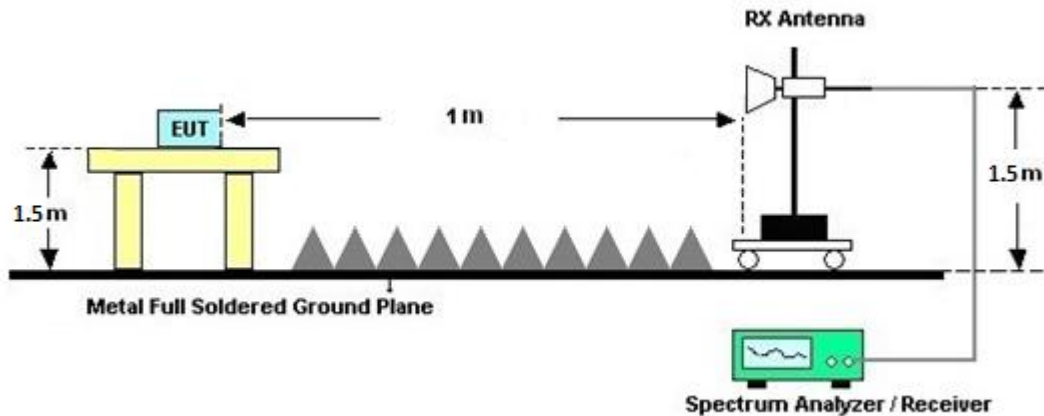
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

### 3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C and D.

### 3.4.7 Duty Cycle

Please refer to Appendix E.

### 3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.



### 3.5 AC Conducted Emission Measurement

#### 3.5.1 Limit of AC Conducted Emission

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

Frequency of emission (MHz)	Conducted limit (dB $\mu$ 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.

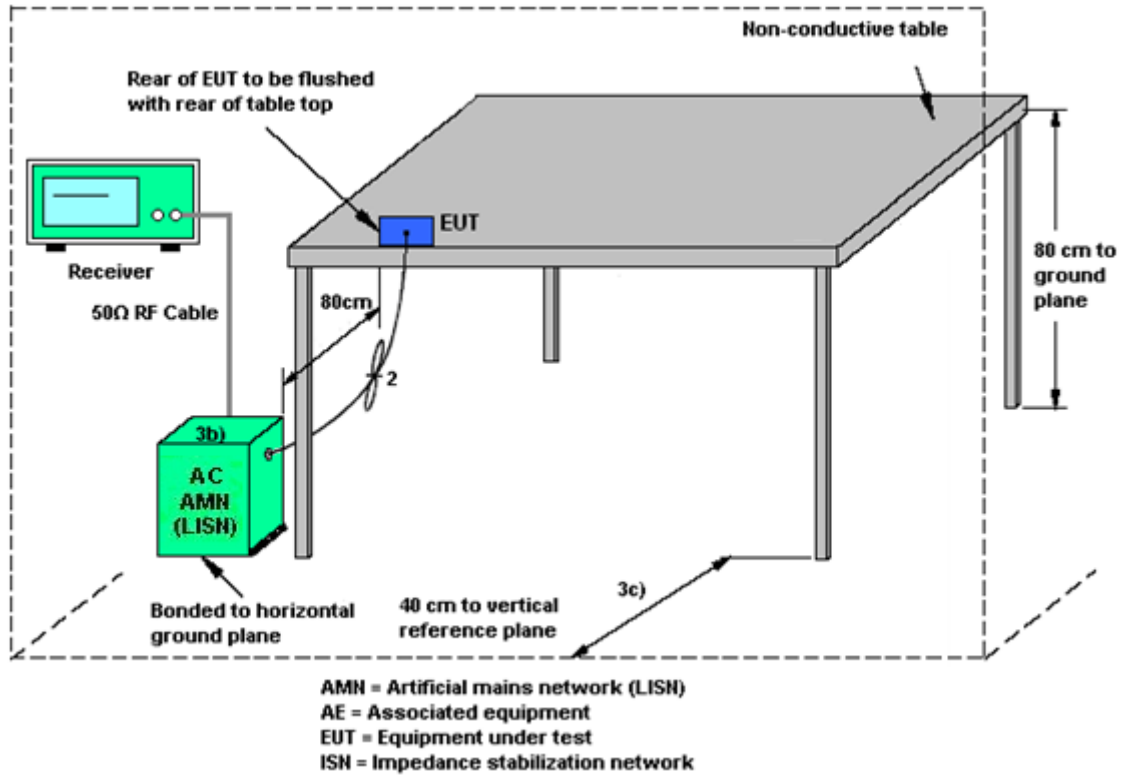
#### 3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

#### 3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

### 3.5.4 Test Setup



### 3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.6 Antenna Requirements**

### **3.6.1 Standard Applicable**

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

### **3.6.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.



## 4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Feb. 29, 2024~ Mar. 11, 2024	Sep. 11, 2024	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 04, 2024	Feb. 29, 2024~ Mar. 11, 2024	Feb. 03, 2025	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 30, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 29, 2024	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1225	18GHz~40GHz	Jul. 10, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jul. 09, 2024	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 26, 2023	Feb. 29, 2024~ Mar. 11, 2024	Dec. 25, 2024	Radiation (03CH15-HY)
Preamplifier	EMEC	EM01G18G	060837	1GHz~18GHz	Feb. 15, 2024	Feb. 29, 2024~ Mar. 11, 2024	Feb. 14, 2025	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 29, 2024	Feb. 29, 2024~ Mar. 11, 2024	Feb. 28, 2025	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 26, 2024	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Oct. 06, 2023	Feb. 29, 2024~ Mar. 11, 2024	Oct. 05, 2024	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44GHz	Jul. 06, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jul. 05, 2024	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 29, 2024~ Mar. 11, 2024	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 29, 2024~ Mar. 11, 2024	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Feb. 29, 2024~ Mar. 11, 2024	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4,5 19228/2,8039 50/2	N/A	Jun. 13, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 12, 2024	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8040 12/2	18-40G	Jan. 02, 2024	Feb. 29, 2024~ Mar. 11, 2024	Jan. 01, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-1530- 6000-40ST	SN4	1.53GHz Low Pass Filter	Jun. 14, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 13, 2024	Radiation (03CH15-HY)
Filter	Wainwright	WHKX12-2700-30 00-18000-60ST	SN4	3GHz High Pass Filter	Jun. 14, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jun. 13, 2024	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN4	N/A	Jul. 26, 2023	Feb. 29, 2024~ Mar. 11, 2024	Jul. 25, 2024	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Mar. 05, 2024~ Mar. 12, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17100015SNO 36 (NO:35_144)	10MHz~6GHz	Aug. 23, 2023	Mar. 05, 2024~ Mar. 12, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	Mar. 05, 2024~ Mar. 12, 2024	Sep. 11, 2024	Conducted (TH05-HY)





Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Mar. 15, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 15, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2023	Mar. 15, 2024	Oct. 19, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Mar. 15, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	Mar. 15, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Mar. 15, 2024	Sep. 19, 2024	Conduction (CO07-HY)



## 5 Measurement Uncertainty

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	6.30 dB
-------------------------------------------------------------------------	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.50 dB
-------------------------------------------------------------------------	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.50 dB
-------------------------------------------------------------------------	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.40 dB
-------------------------------------------------------------------------	---------

## Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2024/03/05~2024/03/12	Relative Humidity:	51~54	%

**TEST RESULTS DATA**  
**6dB and 26dB EBW and 99% OBW**

UNII-4 single antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 1	Ant 1		
11a	6Mbps	1	169	5845	17.43	24.51	16.34	0.5	Pass
11a	6Mbps	1	173	5865	17.48	24.03	16.35	0.5	Pass
11a	6Mbps	1	177	5885	17.53	24.32	16.35	0.5	Pass
VHT20	MCS0	1	169	5845	18.38	31.08	17.58	0.5	Pass
VHT20	MCS0	1	173	5865	18.53	30.85	17.60	0.5	Pass
VHT20	MCS0	1	177	5885	18.68	34.33	17.59	0.5	Pass
VHT40	MCS0	1	167	5835	37.06	58.92	36.35	0.5	Pass
VHT40	MCS0	1	175	5875	36.96	61.12	36.36	0.5	Pass
VHT80	MCS0	1	171	5855	75.88	82.94	76.06	0.5	Pass

**TEST RESULTS DATA**  
**Average Power Table**

UNII-4 single antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)		DG (dBi)	E.I.R.P Power (dBm)	E.I.R.P Limit (dBm)	
					Ant 1	SUM			Ant 1	Ant 2
11a	6Mbps	1	169	5845	17.40		-4.30	13.10	30	30
11a	6Mbps	1	173	5865	17.30		-4.30	13.00	30	30
11a	6Mbps	1	177	5885	17.20		-4.30	12.90	30	30
HT20	MCS0	1	169	5845	17.30		-4.30	13.00	30	30
HT20	MCS0	1	173	5865	17.40		-4.30	13.10	30	30
HT20	MCS0	1	177	5885	17.40		-4.30	13.10	30	30
HT40	MCS0	1	167	5835	16.30		-4.30	12.00	30	30
HT40	MCS0	1	175	5875	16.20		-4.30	11.90	30	30
VHT20	MCS0	1	169	5845	17.40		-4.30	13.10	30	30
VHT20	MCS0	1	173	5865	17.30		-4.30	13.00	30	30
VHT20	MCS0	1	177	5885	17.40		-4.30	13.10	30	30
VHT40	MCS0	1	167	5835	16.40		-4.30	12.10	30	30
VHT40	MCS0	1	175	5875	16.30		-4.30	12.00	30	30
VHT80	MCS0	1	171	5855	15.30		-4.30	11.00	30	30

**TEST RESULTS DATA**  
**Power Spectral Density**

UNII-4 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)		DG (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)		Pass /Fail
					Ant 1	Ant 1	SUM	Ant 1	Ant 1	Ant 1	Ant 2		
11a	6Mbps	1	169	5845	0.44	5.20		-4.30	0.90	14.00	14.00	Pass	
11a	6Mbps	1	173	5865	0.44	5.08		-4.30	0.78	14.00	14.00	Pass	
11a	6Mbps	1	177	5885	0.44	4.94		-4.30	0.64	14.00	14.00	Pass	
VHT20	MCS0	1	169	5845	0.44	4.79		-4.30	0.49	14.00	14.00	Pass	
VHT20	MCS0	1	173	5865	0.44	4.51	-	-4.30	0.21	14.00	14.00	Pass	
VHT20	MCS0	1	177	5885	0.44	4.74		-4.30	0.44	14.00	14.00	Pass	
VHT40	MCS0	1	167	5835	0.46	0.35		-4.30	-3.95	14.00	14.00	Pass	
VHT40	MCS0	1	175	5875	0.46	0.22		-4.30	-4.08	14.00	14.00	Pass	
VHT80	MCS0	1	171	5855	0.44	-3.23		-4.30	-7.53	14.00	14.00	Pass	

**TEST RESULTS DATA**  
**6dB and 26dB EBW and 99% OBW**

UNII-4 single antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 1	Ant 1	Ant 1		
HE20	MCS0	1	169	5845	Full	19.33	28.19	19.00	0.5	Pass
HE20	MCS0	1	173	5865	Full	19.28	26.29	19.02	0.5	Pass
HE20	MCS0	1	177	5885	Full	19.28	28.12	18.96	0.5	Pass
HE40	MCS0	1	167	5835	Full	37.96	54.64	37.82	0.5	Pass
HE40	MCS0	1	175	5875	Full	37.96	44.54	37.81	0.5	Pass
HE80	MCS0	1	171	5855	Full	77.20	81.44	77.24	0.5	Pass

**TEST RESULTS DATA**  
**Average Power Table**

UNII-4 single antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)		DG (dBi)	E.I.R.P Power (dBm)	E.I.R.P Limit (dBm)
						Ant 1	SUM			
HE20	MCS0	1	169	5845	Full	17.30	-	-4.30	13.00	30
HE20	MCS0	1	169	5845	26/0	7.50		-4.30	3.20	30
HE20	MCS0	1	169	5845	52/37	10.40		-4.30	6.10	30
HE20	MCS0	1	169	5845	106/53	13.80		-4.30	9.50	30
HE20	MCS0	1	173	5865	Full	17.30		-4.30	13.00	30
HE20	MCS0	1	173	5865	26/4	8.60		-4.30	4.30	30
HE20	MCS0	1	173	5865	52/38	10.50		-4.30	6.20	30
HE20	MCS0	1	173	5865	106/53	13.90		-4.30	9.60	30
HE20	MCS0	1	177	5885	Full	17.40		-4.30	13.10	30
HE20	MCS0	1	177	5885	26/8	7.70		-4.30	3.40	30
HE20	MCS0	1	177	5885	52/40	10.30		-4.30	6.00	30
HE20	MCS0	1	177	5885	106/54	13.60		-4.30	9.30	30
HE40	MCS0	1	167	5835	Full	16.30		-4.30	12.00	30
HE40	MCS0	1	175	5875	Full	16.30		-4.30	12.00	30
HE80	MCS0	1	171	5855	Full	15.30		-4.30	11.00	30



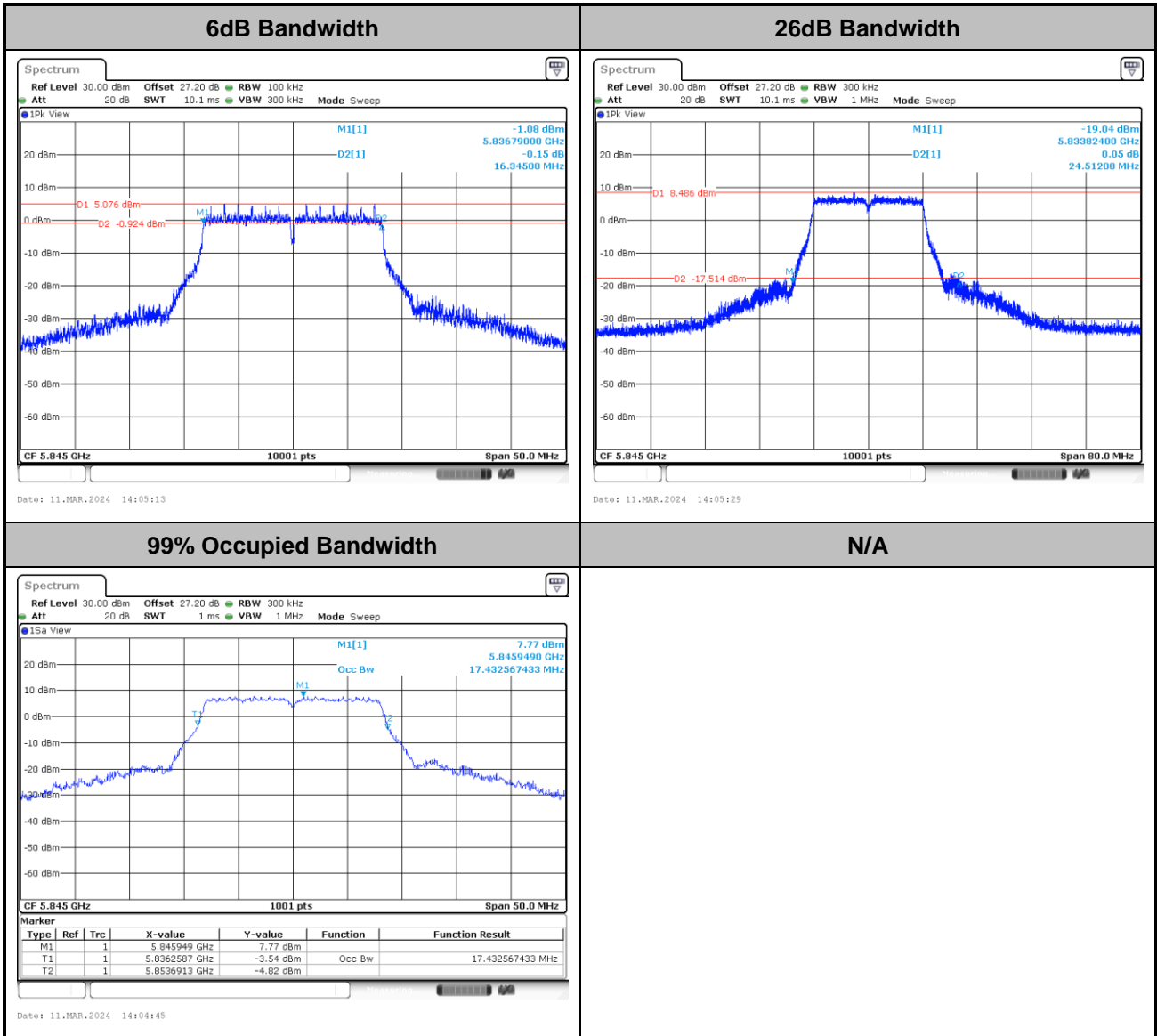
**TEST RESULTS DATA**  
**Power Spectral Density**

UNII-4 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			DG (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass /Fail
						Ant 1	Ant 1	SUM	Ant 1	Ant 1				
HE20	MCS0	1	169	5845	Full	0.15	4.36				-4.30	0.06	14.00	Pass
HE20	MCS0	1	169	5845	26/0	0.25	4.25				-4.30	-0.05	14.00	Pass
HE20	MCS0	1	169	5845	52/37	0.30	4.26				-4.30	-0.04	14.00	Pass
HE20	MCS0	1	169	5845	106/53	0.32	4.32				-4.30	0.02	14.00	Pass
HE20	MCS0	1	173	5865	Full	0.15	4.33				-4.30	0.03	14.00	Pass
HE20	MCS0	1	173	5865	26/4	0.25	4.18				-4.30	-0.12	14.00	Pass
HE20	MCS0	1	173	5865	52/38	0.30	4.25				-4.30	-0.05	14.00	Pass
HE20	MCS0	1	173	5865	106/53	0.32	4.31			-	-4.30	0.01	14.00	Pass
HE20	MCS0	1	177	5885	Full	0.15	4.55				-4.30	0.25	14.00	Pass
HE20	MCS0	1	177	5885	26/8	0.25	4.28				-4.30	-0.02	14.00	Pass
HE20	MCS0	1	177	5885	52/40	0.30	4.13				-4.30	-0.17	14.00	Pass
HE20	MCS0	1	177	5885	106/54	0.32	4.26				-4.30	-0.04	14.00	Pass
HE40	MCS0	1	167	5835	Full	0.59	0.30				-4.30	-4.00	14.00	Pass
HE40	MCS0	1	175	5875	Full	0.59	0.33				-4.30	-3.97	14.00	Pass
HE80	MCS0	1	171	5855	Full	0.53	-3.14				-4.30	-7.44	14.00	Pass



Test Result of 6dB and 26dB and 99% Occupied Bandwidth

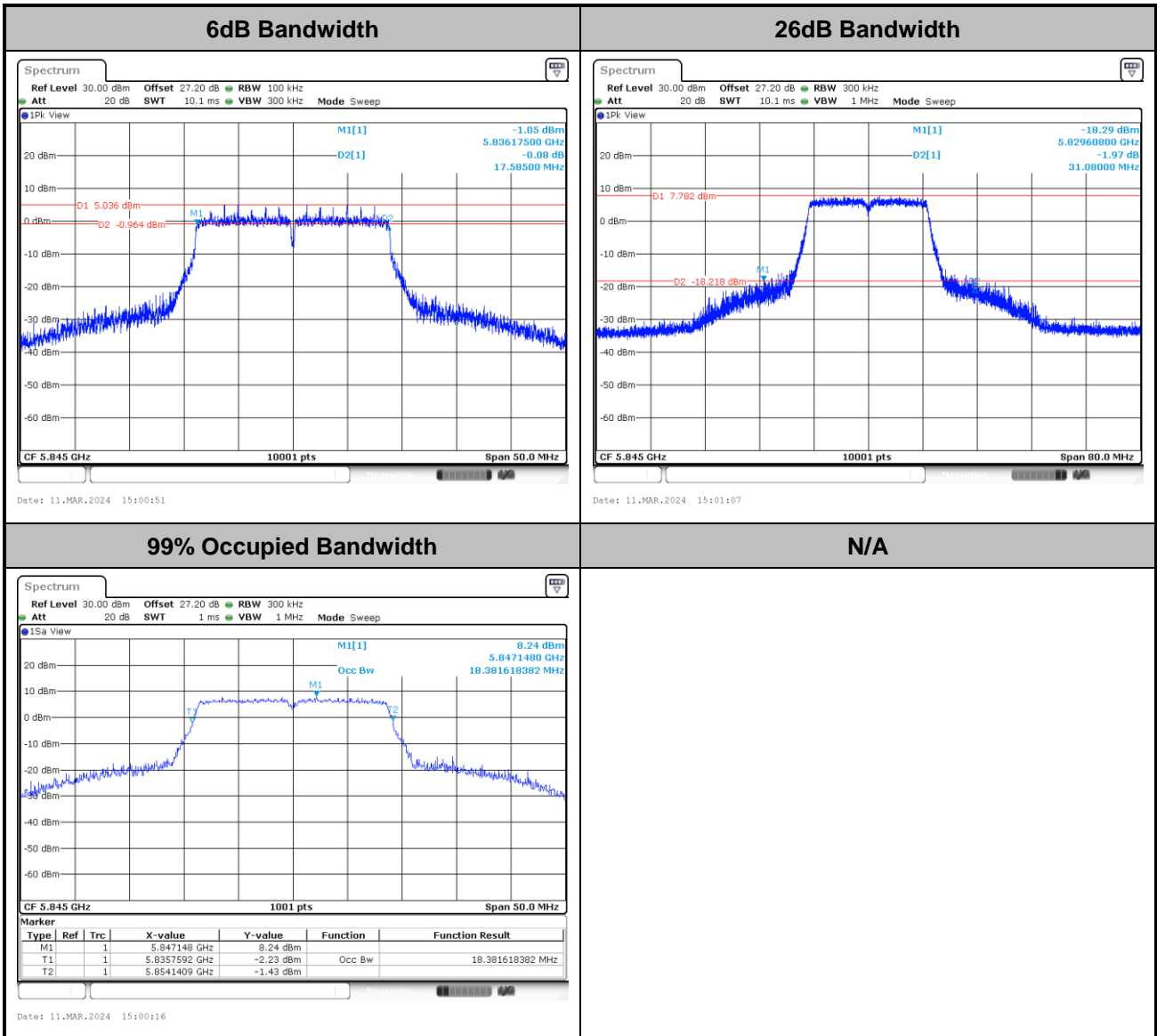
<802.11a>



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



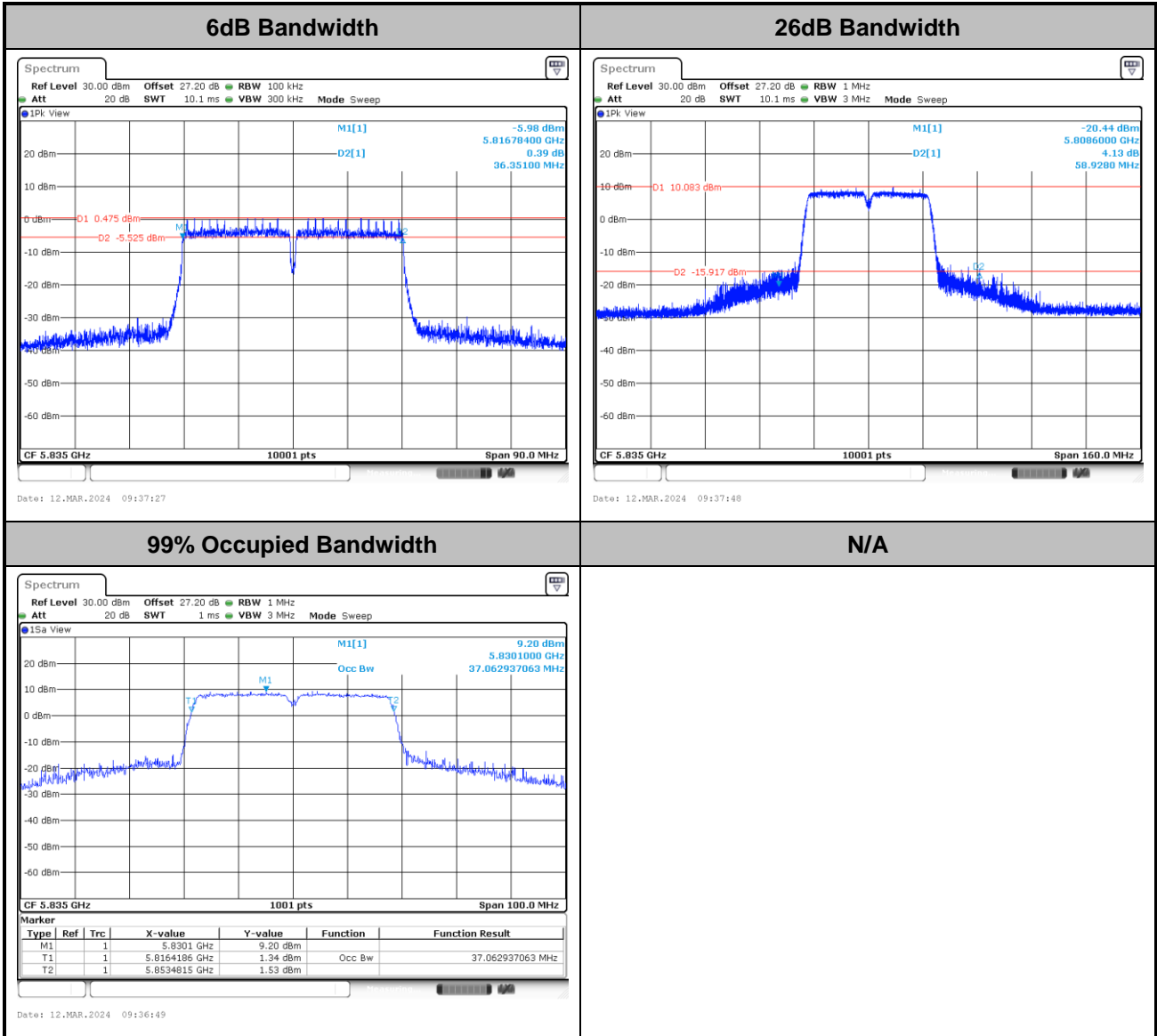
<802.11ac VHT20>



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



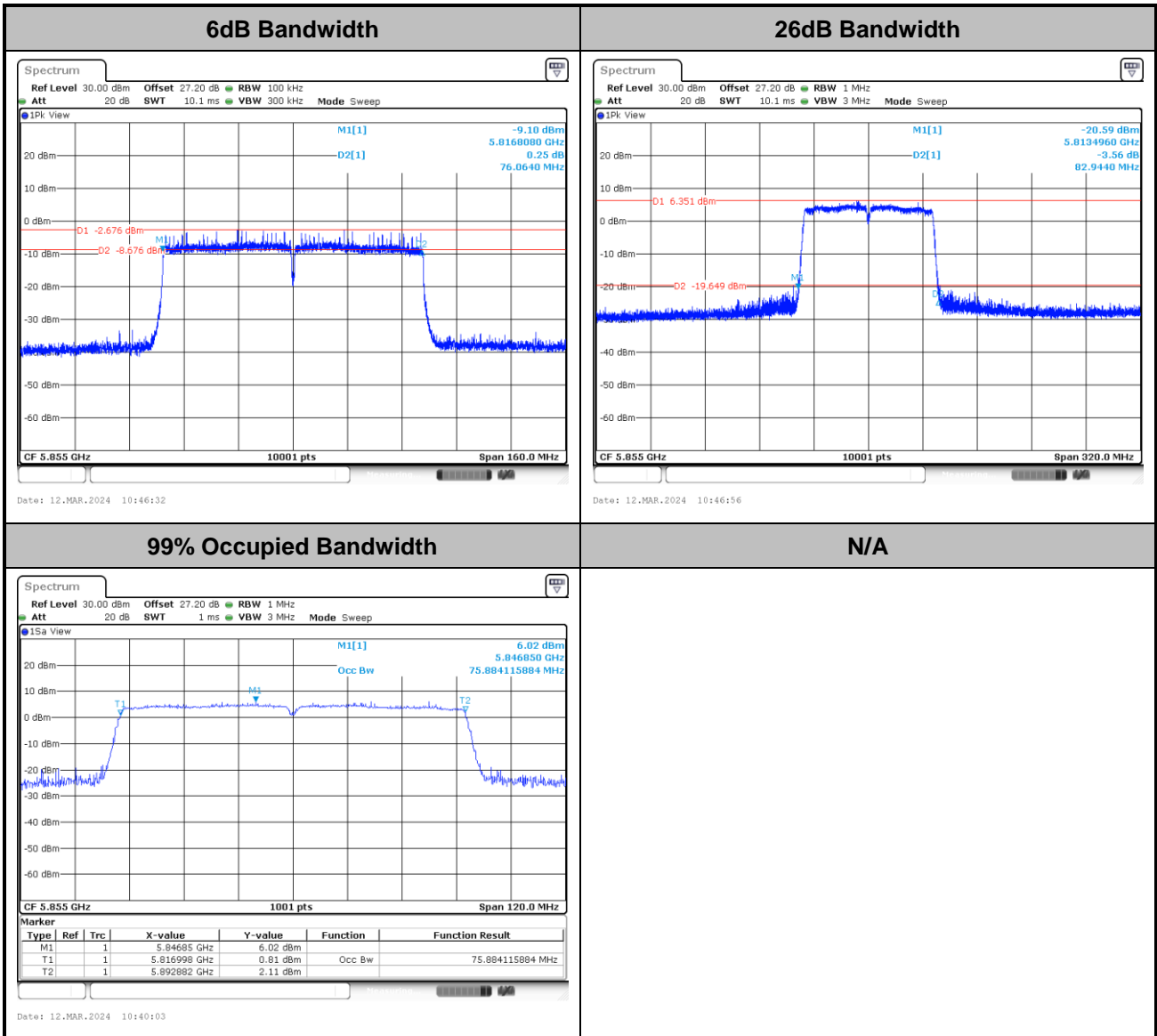
<802.11ac VHT40>



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



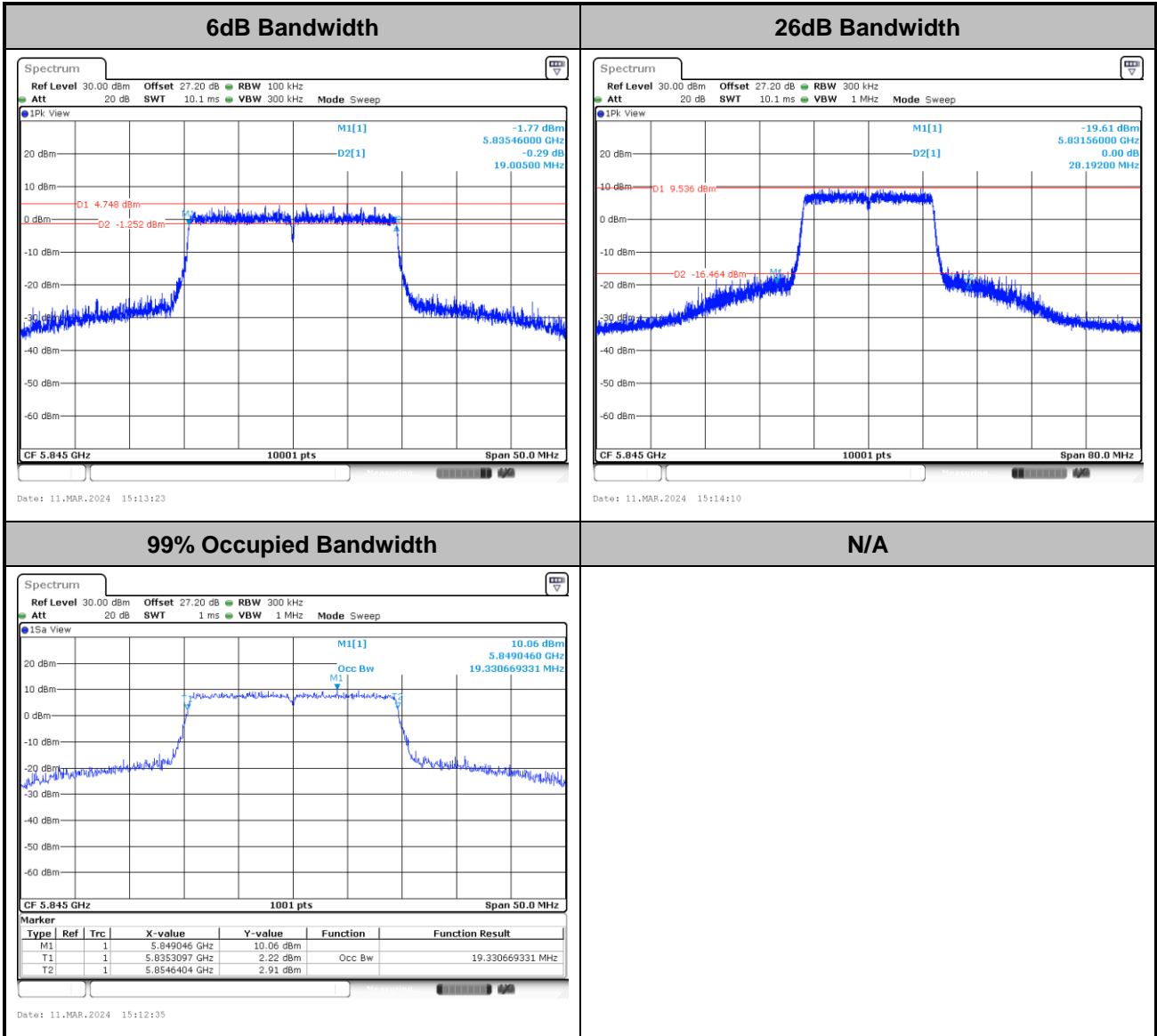
<802.11ac VHT80>



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



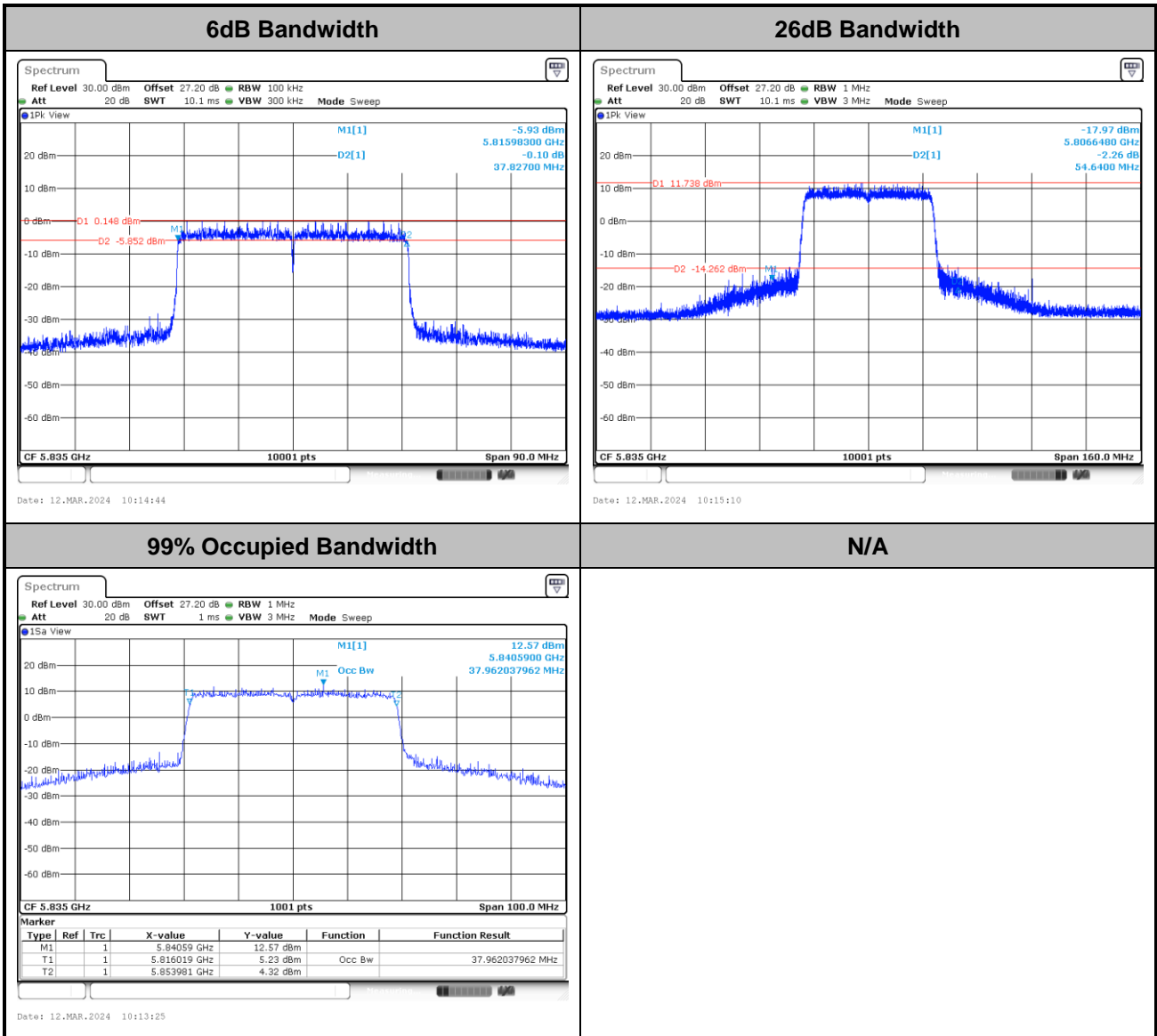
<802.11ax HE20>



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



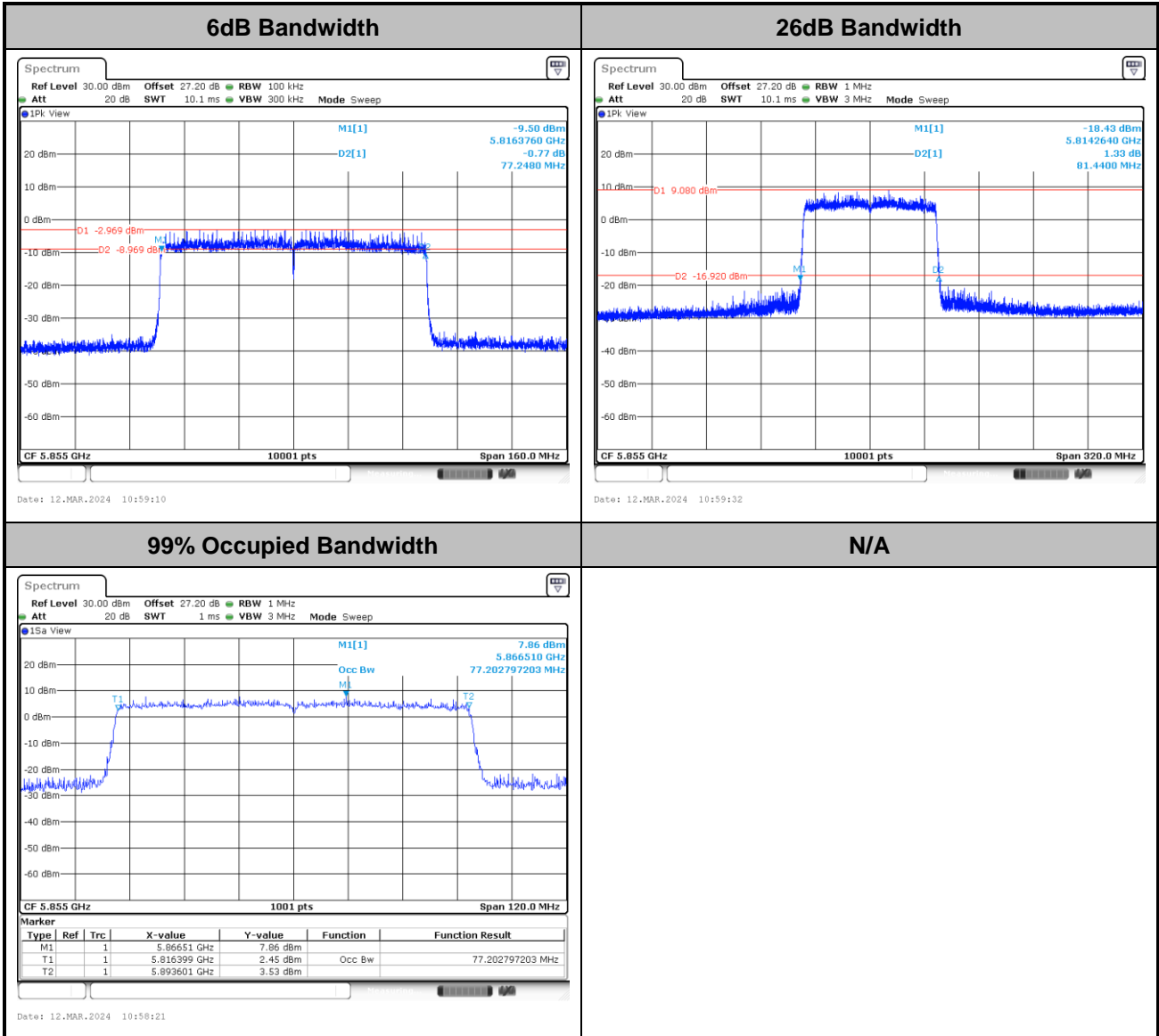
<802.11ax HE40>



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



<802.11ax HE80>



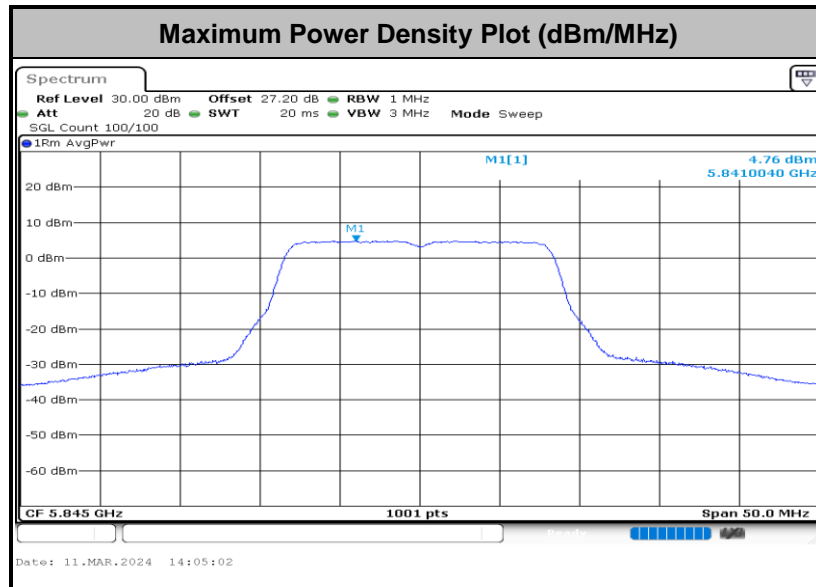
Note: The occupied channel bandwidth is maintained within the band of operation.



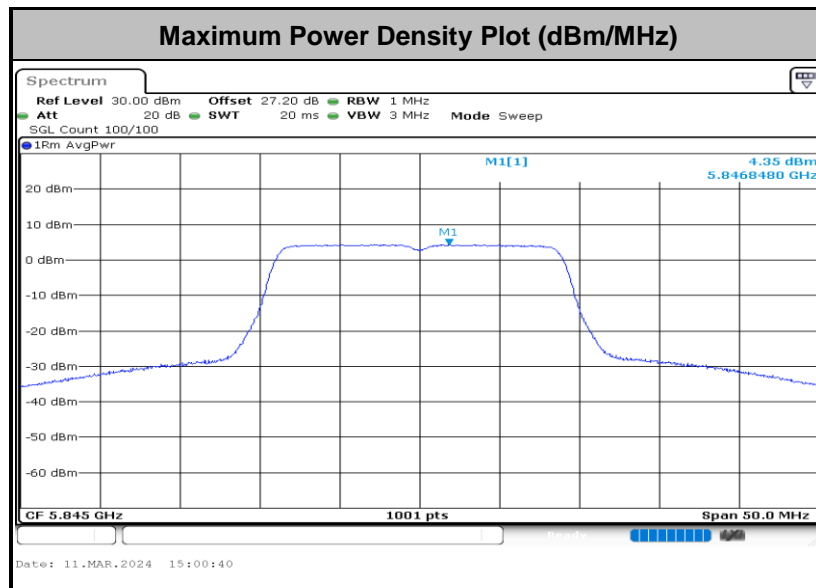


Test Result of Power Spectral Density

<802.11a>

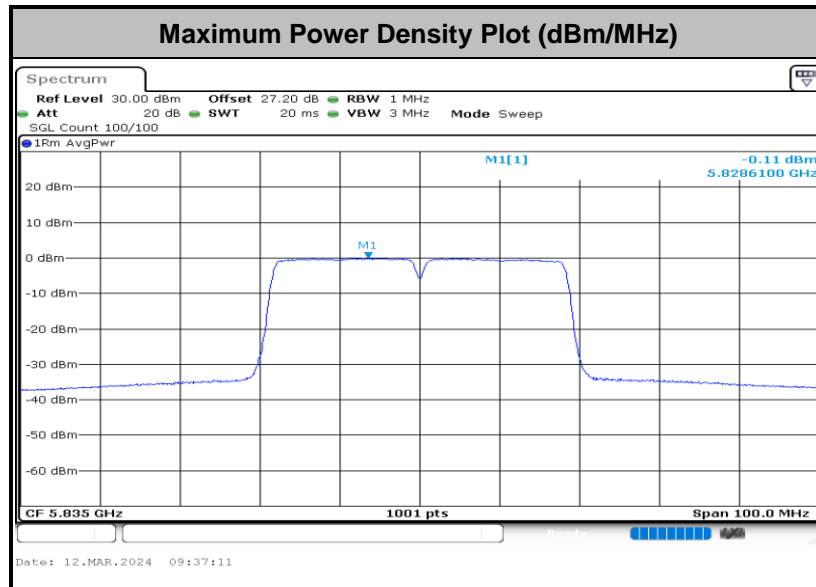


<802.11ac VHT20>

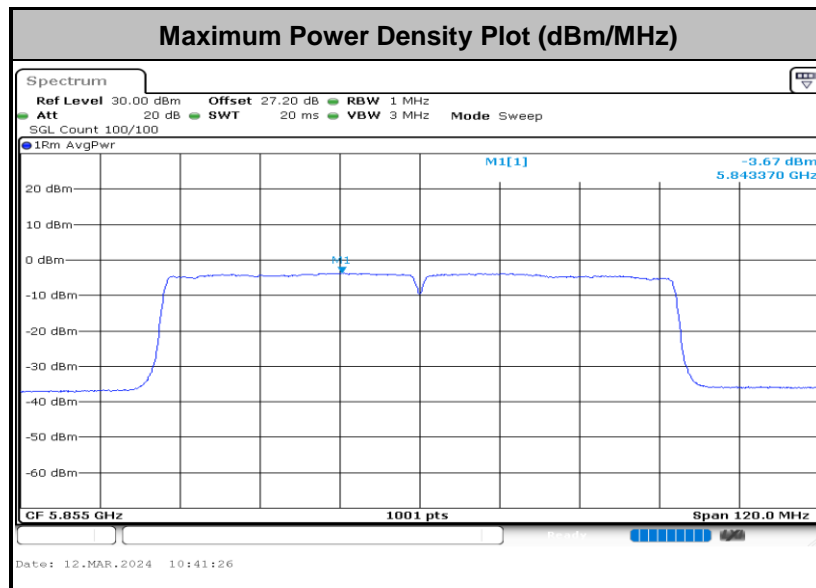




<802.11ac VHT40>

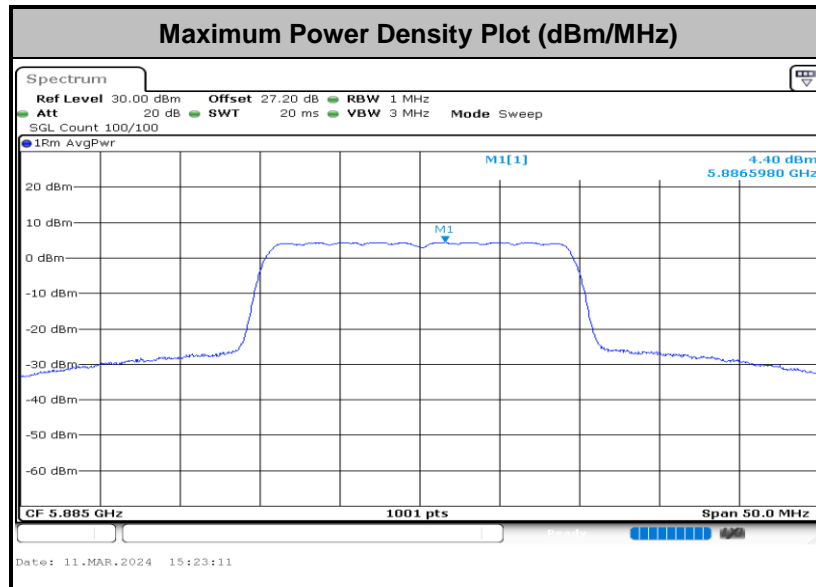


<802.11ac VHT80>

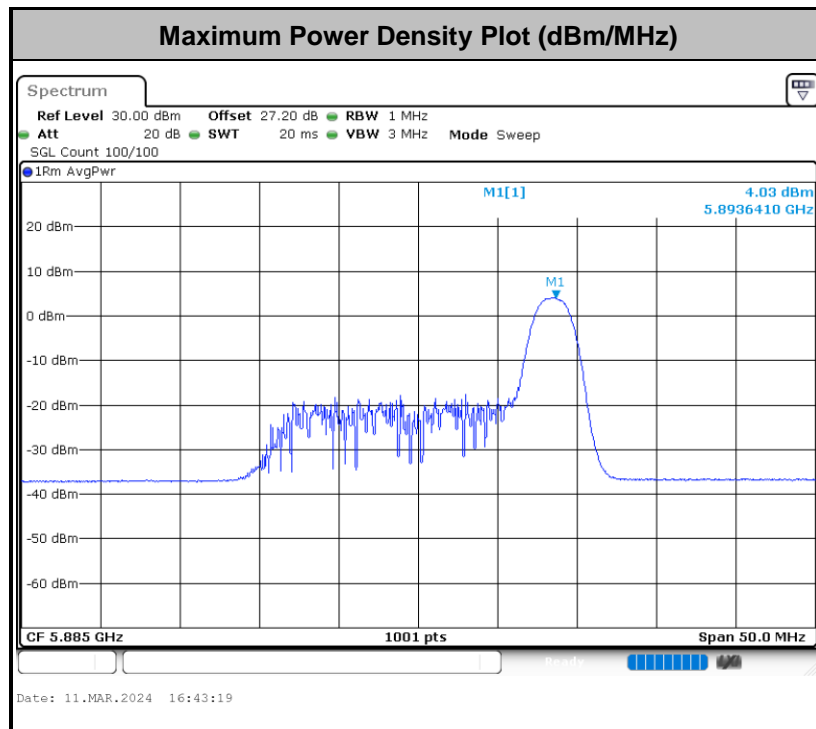




<802.11ax HE20 Full RU>

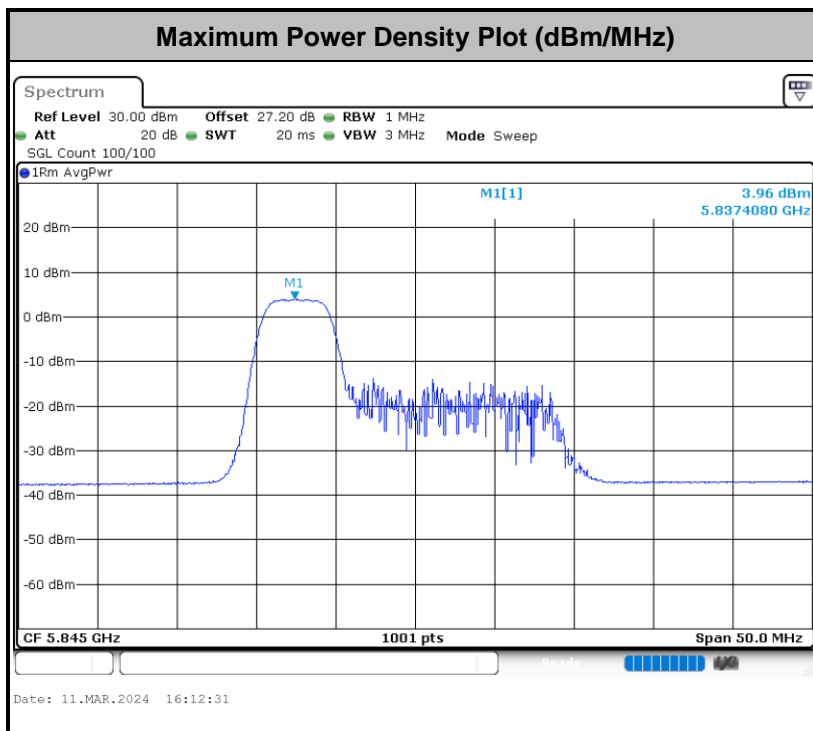


<802.11ax HE20 26 RU>

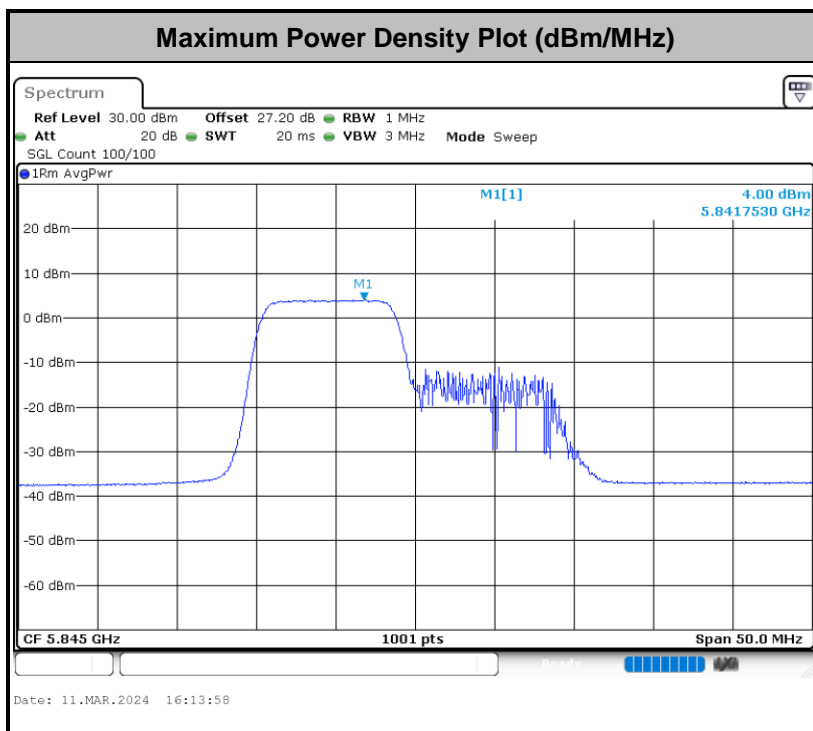




<802.11ax HE20 52 RU>

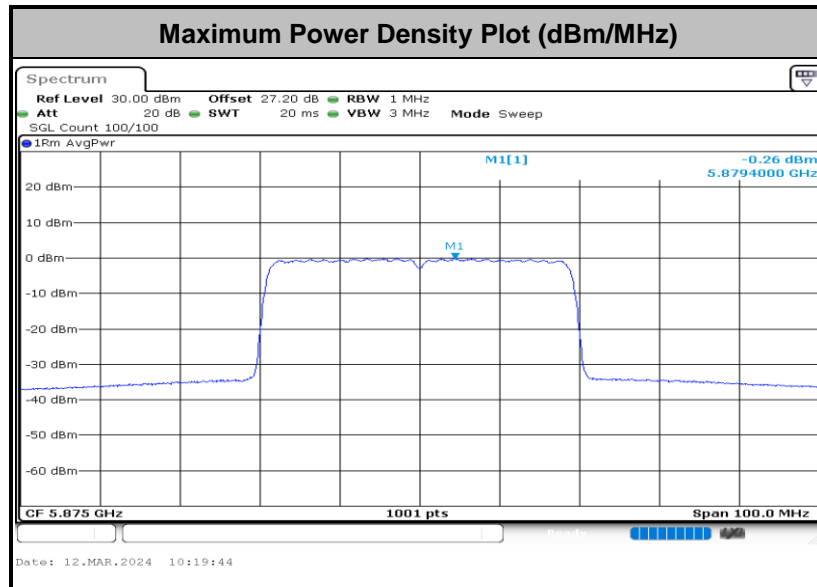


<802.11ax HE20 106 RU>

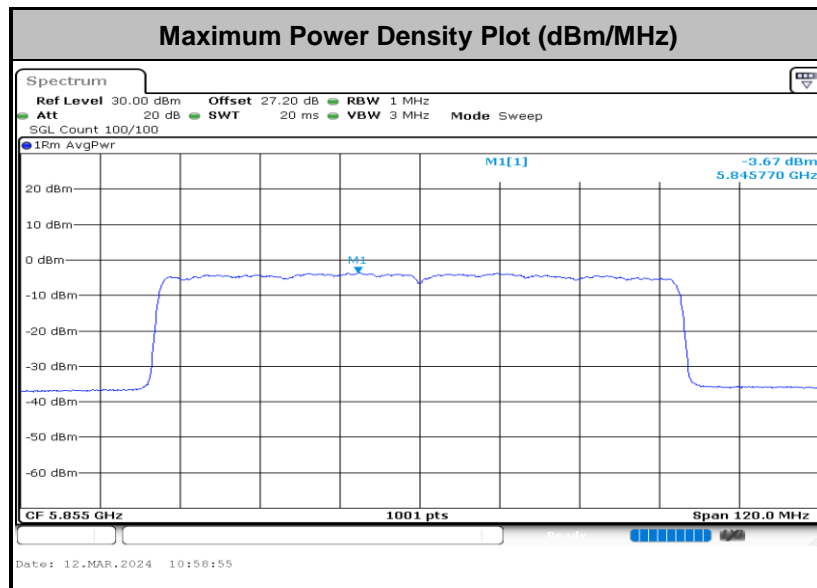




<802.11ax HE40 Full RU>



<802.11ax HE80 Full RU>





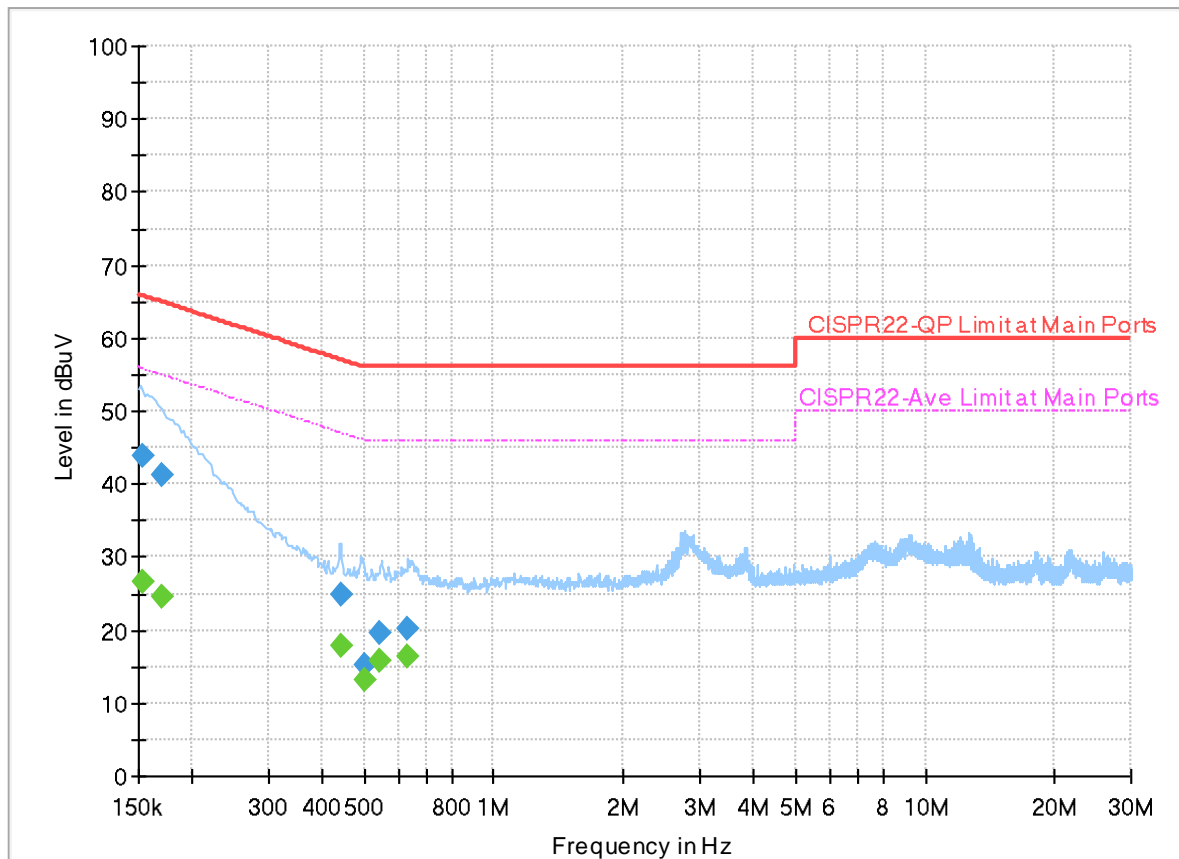
## Appendix B. AC Conducted Emission Test Results

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

## EUT Information

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

Full Spectrum



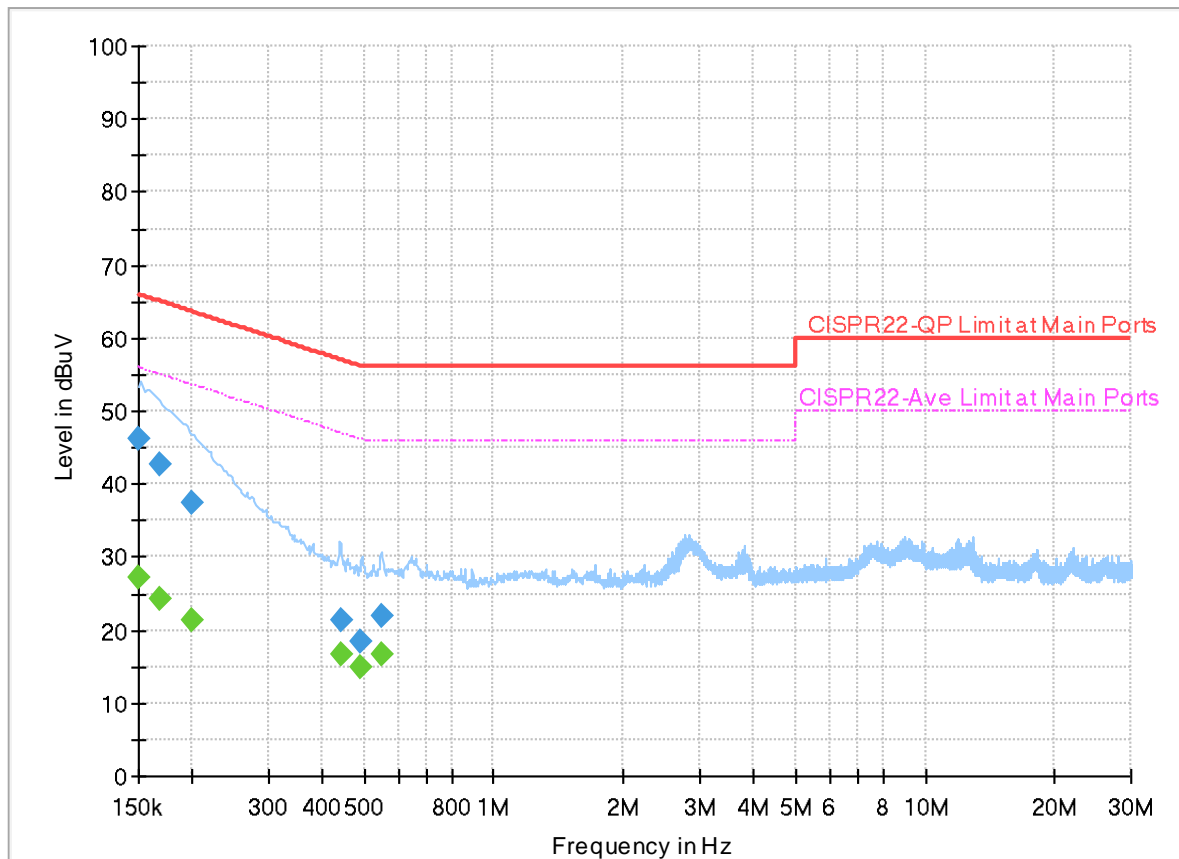
## Final\_Result

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

## EUT Information

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

Full Spectrum



## Final\_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	46.32	---	66.00	19.68	N	OFF	19.9
0.150000	---	27.16	56.00	28.84	N	OFF	19.9
0.168900	42.63	---	65.01	22.38	N	OFF	19.9
0.168900	---	24.27	55.01	30.74	N	OFF	19.9
0.199500	37.57	---	63.63	26.06	N	OFF	19.9
0.199500	---	21.26	53.63	32.37	N	OFF	19.9
0.444750	21.20	---	56.97	35.77	N	OFF	19.9
0.444750	---	16.64	46.97	30.33	N	OFF	19.9
0.489750	18.45	---	56.17	37.72	N	OFF	19.9
0.489750	---	15.04	46.17	31.13	N	OFF	19.9
0.547890	22.00	---	56.00	34.00	N	OFF	19.9
0.547890	---	16.66	46.00	29.34	N	OFF	19.9





### Appendix C. Radiated Spurious Emission

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

UNII-4 - 5850~5895MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11a CH 169 5845MHz		5648.38	47.54	-20.66	68.2	41.91	33.24	8.71	36.32	100	314	P	H	
		5693.81	47.76	-52.88	100.64	41.87	33.47	8.75	36.33	100	314	P	H	
		5713.28	46.54	-62.38	108.92	40.53	33.57	8.77	36.33	100	314	P	H	
		5725.08	46.13	-88.07	134.2	40.05	33.63	8.78	36.33	100	314	P	H	
	*	5845	98.64	-	-	92.04	34.09	8.87	36.36	100	314	P	H	
	*	5845	91.14	-	-	84.54	34.09	8.87	36.36	100	314	A	H	
		5899	48.02	-59.24	107.26	41.3	34.2	8.9	36.38	100	314	P	H	
		5972.25	47.64	-40.56	88.2	41.03	34.06	8.94	36.39	100	314	P	H	
		5895.25	39.27	-50.75	90.02	32.55	34.19	8.9	36.37	100	314	A	H	
		5929	38.77	-29.43	68.2	32.09	34.14	8.92	36.38	100	314	A	H	
														H
														H
			5618.29	46.97	-21.23	68.2	41.5	33.09	8.69	36.31	100	53	P	V
			5687.025	48.24	-47.39	95.63	42.38	33.44	8.74	36.32	100	53	P	V
			5717.41	46.88	-63.2	110.08	40.85	33.59	8.77	36.33	100	53	P	V
			5723.9	46.24	-73.45	119.69	40.17	33.62	8.78	36.33	100	53	P	V
	*	5845	99.79	-	-	93.19	34.09	8.87	36.36	100	53	P	V	
	*	5845	92.37	-	-	85.77	34.09	8.87	36.36	100	53	A	V	
			5895.25	48.89	-61.13	110.02	42.17	34.19	8.9	36.37	100	53	P	V
			5986.25	47.7	-40.5	88.2	41.12	34.03	8.95	36.4	100	53	P	V
		5895.25	39.8	-50.22	90.02	33.08	34.19	8.9	36.37	100	53	A	V	
		5926.75	38.95	-29.25	68.2	32.26	34.15	8.92	36.38	100	53	A	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)
		5648.38	47.84	-20.36	68.2	42.21	33.24	8.71	36.32	329	20	P	H
		5697.645	47.08	-56.38	103.46	41.17	33.49	8.75	36.33	329	20	P	H
		5717.705	46.56	-63.6	110.16	40.53	33.59	8.77	36.33	329	20	P	H
		5723.605	46.89	-72.13	119.02	40.82	33.62	8.78	36.33	329	20	P	H
	*	5865	98.5	-	-	91.86	34.13	8.88	36.37	329	20	P	H
	*	5865	91.02	-	-	84.38	34.13	8.88	36.37	329	20	A	H
		5896	57.84	-51.62	109.46	51.13	34.19	8.9	36.38	329	20	P	H
		5970.75	47.73	-40.47	88.2	41.12	34.06	8.94	36.39	329	20	P	H
		5895.5	44.41	-45.42	89.83	37.69	34.19	8.9	36.37	329	20	A	H
		5927.25	38.76	-29.44	68.2	32.07	34.15	8.92	36.38	329	20	A	H
													H
													H
<b>802.11a</b>													
<b>CH 173</b>													
<b>5865MHz</b>		5638.055	47.42	-20.78	68.2	41.84	33.19	8.7	36.31	117	56	P	V
		5672.275	47.77	-36.95	84.72	42	33.36	8.73	36.32	117	56	P	V
		5707.675	47.03	-60.32	107.35	41.06	33.54	8.76	36.33	117	56	P	V
		5720.95	45.89	-67.08	112.97	39.85	33.6	8.77	36.33	117	56	P	V
	*	5865	100.27	-	-	93.63	34.13	8.88	36.37	117	56	P	V
	*	5865	92.76	-	-	86.12	34.13	8.88	36.37	117	56	A	V
		5896	58.01	-51.45	109.46	51.3	34.19	8.9	36.38	117	56	P	V
		5947.5	48.43	-39.77	88.2	41.79	34.1	8.93	36.39	117	56	P	V
		5895.5	45.89	-43.94	89.83	39.17	34.19	8.9	36.37	117	56	A	V
		5925.5	39.01	-29.19	68.2	32.32	34.15	8.92	36.38	117	56	A	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 )
		5623.01	47.46	-20.74	68.2	41.96	33.12	8.69	36.31	112	327	P	H
		5683.78	47.18	-46.05	93.23	41.34	33.42	8.74	36.32	112	327	P	H
		5712.985	48.33	-60.51	108.84	42.33	33.56	8.77	36.33	112	327	P	H
		5723.9	46.48	-73.21	119.69	40.41	33.62	8.78	36.33	112	327	P	H
	*	5885	97.2	-	-	90.51	34.17	8.89	36.37	112	327	P	H
	*	5885	89.78	-	-	83.09	34.17	8.89	36.37	112	327	A	H
		5895	78.49	-31.71	110.2	71.77	34.19	8.9	36.37	112	327	P	H
		5925.25	49.05	-39.15	88.2	42.36	34.15	8.92	36.38	112	327	P	H
		5895.25	65.65	-24.37	90.02	58.93	34.19	8.9	36.37	112	327	A	H
		5925	39.94	-28.26	68.2	33.26	34.15	8.91	36.38	112	327	A	H
													H
													H
802.11a													
CH 177													
5885MHz		5648.085	47.14	-21.06	68.2	41.51	33.24	8.71	36.32	120	64	P	V
		5672.275	48.48	-36.24	84.72	42.71	33.36	8.73	36.32	120	64	P	V
		5718.885	47.2	-63.29	110.49	41.17	33.59	8.77	36.33	120	64	P	V
		5721.835	47.71	-67.27	114.98	41.66	33.61	8.77	36.33	120	64	P	V
	*	5885	100.04	-	-	93.35	34.17	8.89	36.37	120	64	P	V
	*	5885	92.66	-	-	85.97	34.17	8.89	36.37	120	64	A	V
		5895.5	81.31	-28.52	109.83	74.59	34.19	8.9	36.37	120	64	P	V
		5934	53.89	-34.31	88.2	47.22	34.13	8.92	36.38	120	64	P	V
		5895.25	68.68	-21.34	90.02	61.96	34.19	8.9	36.37	120	64	A	V
		5925.5	41.5	-26.7	68.2	34.81	34.15	8.92	36.38	120	64	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII- 4 5850~5895MHz**  
**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 169 5845MHz		11690	45.86	-28.14	74	51.68	39.01	13.2	58.03	-	-	P	H
		17535	46.33	-21.87	68.2	49.38	39.79	16.31	59.15	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			11690	46.27	-27.73	74	52.09	39.01	13.2	58.03	-	-	P
		17535	46.72	-21.48	68.2	49.77	39.79	16.31	59.15	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11a CH 173 5865MHz		11730	45.6	-28.4	74	51.38	39.02	13.21	58.01	-	-	P	H
		17595	48.54	-19.66	68.2	51.25	40.02	16.32	59.05	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			11730	45.87	-28.13	74	51.65	39.02	13.21	58.01	-	-	P
		17595	49.74	-18.46	68.2	52.45	40.02	16.32	59.05	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11a CH 177 5885MHz		11770	45.71	-28.29	74	51.42	39.03	13.24	57.98	-	-	P	H
		17655	49.91	-18.29	68.2	52.29	40.25	16.33	58.96	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			11770	45.79	-28.21	74	51.5	39.03	13.24	57.98	-	-	P
		17655	49.16	-19.04	68.2	51.54	40.25	16.33	58.96	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>												



**UNII- 4 5850~5895MHz  
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		5631.86	48.05	-20.15	68.2	42.5	33.16	8.7	36.31	333	25	P	H
		5674.045	47.43	-38.6	86.03	41.65	33.37	8.73	36.32	333	25	P	H
		5703.25	48.71	-57.4	106.11	42.76	33.52	8.76	36.33	333	25	P	H
		5725.08	47.39	-86.81	134.2	41.31	33.63	8.78	36.33	333	25	P	H
	*	5845	98.63	-	-	92.03	34.09	8.87	36.36	333	25	P	H
	*	5845	91.3	-	-	84.7	34.09	8.87	36.36	333	25	A	H
		5923.75	47.68	-41.43	89.11	41	34.15	8.91	36.38	333	25	P	H
		5986	48.07	-40.13	88.2	41.49	34.03	8.95	36.4	333	25	P	H
		5896	39.42	-50.04	89.46	32.71	34.19	8.9	36.38	333	25	A	H
		5925.75	38.96	-29.24	68.2	32.27	34.15	8.92	36.38	333	25	A	H
													H
													H
<b>802.11n HT20 CH 169 5845MHz</b>		5633.925	48.39	-19.81	68.2	42.83	33.17	8.7	36.31	109	58	P	V
		5688.795	47.12	-49.82	96.94	41.26	33.44	8.75	36.33	109	58	P	V
		5708.56	46.58	-61.02	107.6	40.61	33.54	8.76	36.33	109	58	P	V
		5721.835	47.08	-67.9	114.98	41.03	33.61	8.77	36.33	109	58	P	V
	*	5845	100.25	-	-	93.65	34.09	8.87	36.36	109	58	P	V
	*	5845	93.22	-	-	86.62	34.09	8.87	36.36	109	58	A	V
		5897.75	50.48	-57.7	108.18	43.76	34.2	8.9	36.38	109	58	P	V
		5999.25	47.37	-40.83	88.2	40.81	34	8.96	36.4	109	58	P	V
		5895	40.38	-49.82	90.2	33.66	34.19	8.9	36.37	109	58	A	V
		5925.75	38.94	-29.26	68.2	32.25	34.15	8.92	36.38	109	58	A	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 )
		5600	46.91	-21.29	68.2	41.54	33	8.67	36.3	300	34	P	H
		5687.615	49.02	-47.05	96.07	43.17	33.44	8.74	36.33	300	34	P	H
		5719.77	46.62	-64.12	110.74	40.58	33.6	8.77	36.33	300	34	P	H
		5724.195	48.32	-72.04	120.36	42.25	33.62	8.78	36.33	300	34	P	H
	*	5885	97.89	-	-	91.2	34.17	8.89	36.37	300	34	P	H
	*	5885	90.38	-	-	83.69	34.17	8.89	36.37	300	34	A	H
		5895	83.75	-26.45	110.2	77.03	34.19	8.9	36.37	300	34	P	H
		5929.75	50.34	-37.86	88.2	43.66	34.14	8.92	36.38	300	34	P	H
		5895	71.02	-19.18	90.2	64.3	34.19	8.9	36.37	300	34	A	H
		5925.25	41.25	-26.95	68.2	34.56	34.15	8.92	36.38	300	34	A	H
802.11n													H
HT20													H
CH 177		5605.9	46.73	-21.47	68.2	41.33	33.03	8.68	36.31	300	43	P	V
5885MHz		5689.09	47.67	-49.48	97.15	41.8	33.45	8.75	36.33	300	43	P	V
		5711.805	46.36	-62.15	108.51	40.36	33.56	8.77	36.33	300	43	P	V
		5721.835	45.13	-69.85	114.98	39.08	33.61	8.77	36.33	300	43	P	V
	*	5885	99.94	-	-	93.25	34.17	8.89	36.37	300	43	P	V
	*	5885	92.64	-	-	85.95	34.17	8.89	36.37	300	43	A	V
		5895.25	84.76	-25.26	110.02	78.04	34.19	8.9	36.37	300	43	P	V
		5928.25	52.41	-35.79	88.2	45.73	34.14	8.92	36.38	300	43	P	V
		5895	73.18	-17.02	90.2	66.46	34.19	8.9	36.37	300	43	A	V
		5925	41.97	-26.23	68.2	35.29	34.15	8.91	36.38	300	43	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**UNII- 4 5850~5895MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 173 5865MHz		11730	46.17	-27.83	74	51.95	39.02	13.21	58.01	-	-	P	H
		17595	50.51	-17.69	68.2	53.22	40.02	16.32	59.05	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
	802.11n HT20 CH 173 5865MHz		11730	45.59	-28.41	74	51.37	39.02	13.21	58.01	-	-	P
		17595	48.64	-19.56	68.2	51.35	40.02	16.32	59.05	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>												



**UNII- 4 5850~5895MHz**  
**WIFI 802.11ac VHT20 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		5609.735	47.6	-20.6	68.2	42.18	33.05	8.68	36.31	100	326	P	H
		5651.035	48.53	-20.44	68.97	42.88	33.26	8.71	36.32	100	326	P	H
		5702.955	46.66	-59.37	106.03	40.72	33.51	8.76	36.33	100	326	P	H
		5722.72	47.74	-69.26	117	41.69	33.61	8.77	36.33	100	326	P	H
	*	5845	97.99	-	-	91.39	34.09	8.87	36.36	100	326	P	H
	*	5845	90.9	-	-	84.3	34.09	8.87	36.36	100	326	A	H
		5904.5	47.08	-56.14	103.22	40.37	34.19	8.9	36.38	100	326	P	H
		5931	48.73	-39.47	88.2	42.05	34.14	8.92	36.38	100	326	P	H
		5895.25	39.08	-50.94	90.02	32.36	34.19	8.9	36.37	100	326	A	H
		5926.25	38.8	-29.4	68.2	32.11	34.15	8.92	36.38	100	326	A	H
<b>802.11ac</b>													H
<b>VHT20</b>													H
<b>CH 169</b>		5642.775	47.28	-20.92	68.2	41.67	33.21	8.71	36.31	100	69	P	V
<b>5845MHz</b>		5662.835	47.44	-30.29	77.73	41.73	33.31	8.72	36.32	100	69	P	V
		5705.315	48.32	-58.37	106.69	42.36	33.53	8.76	36.33	100	69	P	V
		5725.08	45.79	-88.41	134.2	39.71	33.63	8.78	36.33	100	69	P	V
	*	5845	99.69	-	-	93.09	34.09	8.87	36.36	100	69	P	V
	*	5845	92.48	-	-	85.88	34.09	8.87	36.36	100	69	A	V
		5898.75	48.13	-59.31	107.44	41.41	34.2	8.9	36.38	100	69	P	V
		5931	48.39	-39.81	88.2	41.71	34.14	8.92	36.38	100	69	P	V
		5895	39.7	-50.5	90.2	32.98	34.19	8.9	36.37	100	69	A	V
		5933.75	38.85	-29.35	68.2	32.18	34.13	8.92	36.38	100	69	A	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 )
		5630.09	46.88	-21.32	68.2	41.34	33.15	8.7	36.31	325	28	P	H
		5666.67	47.92	-32.65	80.57	42.18	33.33	8.73	36.32	325	28	P	H
		5714.46	47.27	-61.98	109.25	41.26	33.57	8.77	36.33	325	28	P	H
		5723.015	45.88	-71.8	117.68	39.82	33.62	8.77	36.33	325	28	P	H
	*	5885	98.02	-	-	91.33	34.17	8.89	36.37	325	28	P	H
	*	5885	90.51	-	-	83.82	34.17	8.89	36.37	325	28	A	H
		5895	85.27	-24.93	110.2	78.55	34.19	8.9	36.37	325	28	P	H
		5925.5	53.33	-34.87	88.2	46.64	34.15	8.92	36.38	325	28	P	H
		5895	71.35	-18.85	90.2	64.63	34.19	8.9	36.37	325	28	A	H
		5925.75	41.41	-26.79	68.2	34.72	34.15	8.92	36.38	325	28	A	H
802.11ac													H
VHT20													H
CH 177		5630.975	46.45	-21.75	68.2	40.91	33.15	8.7	36.31	297	43	P	V
5885MHz		5672.865	47.29	-37.87	85.16	41.52	33.36	8.73	36.32	297	43	P	V
		5707.085	46.62	-60.57	107.19	40.65	33.54	8.76	36.33	297	43	P	V
		5721.835	45.92	-69.06	114.98	39.87	33.61	8.77	36.33	297	43	P	V
	*	5885	100.1	-	-	93.41	34.17	8.89	36.37	297	43	P	V
	*	5885	92.5	-	-	85.81	34.17	8.89	36.37	297	43	A	V
		5895.5	80.39	-29.44	109.83	73.67	34.19	8.9	36.37	297	43	P	V
		5927	53.24	-34.96	88.2	46.55	34.15	8.92	36.38	297	43	P	V
		5895	73.28	-16.92	90.2	66.56	34.19	8.9	36.37	297	43	A	V
		5925.75	42.73	-25.47	68.2	36.04	34.15	8.92	36.38	297	43	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII- 4 5850~5895MHz**  
**WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 173 5865MHz		11730	45.42	-28.58	74	51.2	39.02	13.21	58.01	-	-	P	H	
		17595	50.32	-17.88	68.2	53.03	40.02	16.32	59.05	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
	802.11n HT20 CH 173 5865MHz		11730	45.61	-28.39	74	51.39	39.02	13.21	58.01	-	-	P	V
			17595	48.74	-19.46	68.2	51.45	40.02	16.32	59.05	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>													



**UNII- 4 5850~5895MHz**  
**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		5628.615	47.09	-21.11	68.2	41.57	33.14	8.69	36.31	115	325	P	H
		5693.22	47.96	-52.24	100.2	42.07	33.47	8.75	36.33	115	325	P	H
		5720.065	53.26	-57.69	110.95	47.22	33.6	8.77	36.33	115	325	P	H
		5720.065	53.26	-57.69	110.95	47.22	33.6	8.77	36.33	115	325	P	H
	*	5835	95.98	-	-	89.41	34.07	8.86	36.36	115	325	P	H
	*	5835	88.73	-	-	82.16	34.07	8.86	36.36	115	325	A	H
		5898.75	53.37	-54.07	107.44	46.65	34.2	8.9	36.38	115	325	P	H
		5929.75	48.58	-39.62	88.2	41.9	34.14	8.92	36.38	115	325	P	H
		5895.25	44.6	-45.42	90.02	37.88	34.19	8.9	36.37	115	325	A	H
		5927.25	39.64	-28.56	68.2	32.95	34.15	8.92	36.38	115	325	A	H
													H
													H
<b>802.11ac</b>													
<b>VHT40</b>													
<b>CH 167</b>		5621.24	47.14	-21.06	68.2	41.65	33.11	8.69	36.31	100	54	P	V
<b>5835MHz</b>		5679.945	47.64	-42.76	90.4	41.82	33.4	8.74	36.32	100	54	P	V
		5715.64	49.24	-60.34	109.58	43.22	33.58	8.77	36.33	100	54	P	V
		5724.195	49	-71.36	120.36	42.93	33.62	8.78	36.33	100	54	P	V
	*	5835	97.01	-	-	90.44	34.07	8.86	36.36	100	54	P	V
	*	5835	89.72	-	-	83.15	34.07	8.86	36.36	100	54	A	V
		5895.75	58.91	-50.74	109.65	52.19	34.19	8.9	36.37	100	54	P	V
		5926.25	52.08	-36.12	88.2	45.39	34.15	8.92	36.38	100	54	P	V
		5895.75	47.95	-41.7	89.65	41.23	34.19	8.9	36.37	100	54	A	V
		5925	41.65	-26.55	68.2	34.97	34.15	8.91	36.38	100	54	A	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 )
		5607.08	47.81	-20.39	68.2	42.4	33.04	8.68	36.31	158	34	P	H
		5676.11	47.68	-39.88	87.56	41.89	33.38	8.73	36.32	158	34	P	H
		5703.84	47.18	-59.1	106.28	41.23	33.52	8.76	36.33	158	34	P	H
		5720.95	46.01	-66.96	112.97	39.97	33.6	8.77	36.33	158	34	P	H
	*	5875	94.77	-	-	88.1	34.15	8.89	36.37	158	34	P	H
	*	5875	87.41	-	-	80.74	34.15	8.89	36.37	158	34	A	H
		5896	73.16	-36.3	109.46	66.45	34.19	8.9	36.38	158	34	P	H
		5925	58.31	-29.89	88.2	51.63	34.15	8.91	36.38	158	34	P	H
		5895	61.4	-28.8	90.2	54.68	34.19	8.9	36.37	158	34	A	H
		5925	48.23	-19.97	68.2	41.55	34.15	8.91	36.38	158	34	A	H
<b>802.11ac</b>													H
<b>VHT40</b>													H
<b>CH 175</b>		5615.34	46.92	-21.28	68.2	41.47	33.08	8.68	36.31	122	66	P	V
<b>5875MHz</b>		5671.39	48.05	-36.02	84.07	42.28	33.36	8.73	36.32	122	66	P	V
		5709.445	46.5	-61.35	107.85	40.52	33.55	8.76	36.33	122	66	P	V
		5723.31	46.59	-71.76	118.35	40.53	33.62	8.77	36.33	122	66	P	V
	*	5875	96.45	-	-	89.78	34.15	8.89	36.37	122	66	P	V
	*	5875	89.07	-	-	82.4	34.15	8.89	36.37	122	66	A	V
		5898.25	75.52	-32.29	107.81	68.8	34.2	8.9	36.38	122	66	P	V
		5926.5	59.83	-28.37	88.2	53.14	34.15	8.92	36.38	122	66	P	V
		5895	64.16	-26.04	90.2	57.44	34.19	8.9	36.37	122	66	A	V
		5925	50.69	-17.51	68.2	44.01	34.15	8.91	36.38	122	66	A	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII- 4 5850~5895MHz  
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ac VHT40 CH 167 5835MHz		11670	45.91	-28.09	74	51.76	39	13.19	58.04	-	-	P	H	
		17505	49.25	-18.95	68.2	52.48	39.67	16.3	59.2	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11670	45.78	-28.22	74	51.63	39	13.19	58.04	-	-	P	V
			17505	48.06	-20.14	68.2	51.29	39.67	16.3	59.2	-	-	P	V
														V
														V
														V
														V
													V	
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT40 CH 175 5875MHz		11750	45.44	-28.56	74	51.2	39.02	13.22	58	-	-	P	H
		17625	46.92	-21.28	68.2	49.45	40.14	16.33	59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
	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.												





**UNII- 4 5850~5895MHz  
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		5649.855	49.23	-18.97	68.2	43.59	33.25	8.71	36.32	138	35	P	H
		5692.04	49.92	-49.41	99.33	44.04	33.46	8.75	36.33	138	35	P	H
		5708.855	51.26	-56.42	107.68	45.29	33.54	8.76	36.33	138	35	P	H
		5724.49	50.52	-70.52	121.04	44.45	33.62	8.78	36.33	138	35	P	H
	*	5855	90.89	-	-	84.28	34.11	8.87	36.37	138	35	P	H
	*	5855	83.25	-	-	76.64	34.11	8.87	36.37	138	35	A	H
		5895	69.13	-41.07	110.2	62.41	34.19	8.9	36.37	138	35	P	H
		5925	62.23	-25.97	88.2	55.55	34.15	8.91	36.38	138	35	P	H
		5895	58.43	-31.77	90.2	51.71	34.19	8.9	36.37	138	35	A	H
		5925.5	50.21	-17.99	68.2	43.52	34.15	8.92	36.38	138	35	A	H
													H
													H
<b>802.11ac VHT80 CH 171 5855MHz</b>		5648.97	48.42	-19.78	68.2	42.79	33.24	8.71	36.32	124	65	P	V
		5686.14	49.67	-45.31	94.98	43.82	33.43	8.74	36.32	124	65	P	V
		5707.675	50.5	-56.85	107.35	44.53	33.54	8.76	36.33	124	65	P	V
		5722.13	49.81	-65.85	115.66	43.76	33.61	8.77	36.33	124	65	P	V
	*	5855	92.81	-	-	86.2	34.11	8.87	36.37	124	65	P	V
	*	5855	85.45	-	-	78.84	34.11	8.87	36.37	124	65	A	V
		5895	69.95	-40.25	110.2	63.23	34.19	8.9	36.37	124	65	P	V
		5927.25	63.9	-24.3	88.2	57.21	34.15	8.92	36.38	124	65	P	V
		5895	59.89	-30.31	90.2	53.17	34.19	8.9	36.37	124	65	A	V
		5925.5	52.86	-15.34	68.2	46.17	34.15	8.92	36.38	124	65	A	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII- 4 5850~5895MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ac VHT80 CH 171 5855MHz		11710	45.49	-28.51	74	51.3	39.01	13.2	58.02	-	-	P	H	
		17565	48.35	-19.85	68.2	51.23	39.9	16.32	59.1	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11710	45.59	-28.41	74	51.4	39.01	13.2	58.02	-	-	P	V
			17565	47.82	-20.38	68.2	50.7	39.9	16.32	59.1	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
<b>Remark</b>	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.													



**UNII- 4 5850~5895MHz**  
**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 )
		5605.605	47.09	-21.11	68.2	41.7	33.03	8.67	36.31	285	21	P	H
		5690.27	47.55	-50.48	98.03	41.68	33.45	8.75	36.33	285	21	P	H
		5714.165	47.76	-61.41	109.17	41.75	33.57	8.77	36.33	285	21	P	H
		5723.31	46.56	-71.79	118.35	40.5	33.62	8.77	36.33	285	21	P	H
	*	5845	99.39	-	-	92.79	34.09	8.87	36.36	285	21	P	H
	*	5845	90.92	-	-	84.32	34.09	8.87	36.36	285	21	A	H
		5895.25	50.58	-59.44	110.02	43.86	34.19	8.9	36.37	285	21	P	H
		5925.5	49.44	-38.76	88.2	42.75	34.15	8.92	36.38	285	21	P	H
		5895	40.3	-49.9	90.2	33.58	34.19	8.9	36.37	285	21	A	H
		5931.75	38.52	-29.68	68.2	31.84	34.14	8.92	36.38	285	21	A	H
<b>802.11ax</b>													H
<b>HE20 Full</b>													H
<b>CH 169</b>		5643.365	46.7	-21.5	68.2	41.08	33.22	8.71	36.31	286	45	P	V
<b>5845MHz</b>		5698.53	47.28	-56.84	104.12	41.37	33.49	8.75	36.33	286	45	P	V
		5713.87	46.8	-62.29	109.09	40.79	33.57	8.77	36.33	286	45	P	V
		5722.425	46.83	-69.5	116.33	40.78	33.61	8.77	36.33	286	45	P	V
	*	5845	101.7	-	-	95.1	34.09	8.87	36.36	286	45	P	V
	*	5845	92.84	-	-	86.24	34.09	8.87	36.36	286	45	A	V
		5896.75	51.55	-57.36	108.91	44.84	34.19	8.9	36.38	286	45	P	V
		5967.75	49.06	-39.14	88.2	42.45	34.06	8.94	36.39	286	45	P	V
		5895.25	41.55	-48.47	90.02	34.83	34.19	8.9	36.37	286	45	A	V
		5927.25	38.84	-29.36	68.2	32.15	34.15	8.92	36.38	286	45	A	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 )
		5629.5	47.82	-20.38	68.2	42.28	33.15	8.7	36.31	300	30	P	H
		5685.55	47.91	-46.63	94.54	42.06	33.43	8.74	36.32	300	30	P	H
		5716.525	46.37	-63.46	109.83	40.35	33.58	8.77	36.33	300	30	P	H
		5724.785	47.13	-74.58	121.71	41.06	33.62	8.78	36.33	300	30	P	H
	*	5865	99.34	-	-	92.7	34.13	8.88	36.37	300	30	P	H
	*	5865	90.38	-	-	83.74	34.13	8.88	36.37	300	30	A	H
		5896	57.86	-51.6	109.46	51.15	34.19	8.9	36.38	300	30	P	H
		5926.5	47.59	-40.61	88.2	40.9	34.15	8.92	36.38	300	30	P	H
		5895.25	46.7	-43.32	90.02	39.98	34.19	8.9	36.37	300	30	A	H
		5925.25	38.91	-29.29	68.2	32.22	34.15	8.92	36.38	300	30	A	H
<b>802.11ax</b>													H
<b>HE20 Full</b>													H
<b>CH 173</b>		5642.775	46.33	-21.87	68.2	40.72	33.21	8.71	36.31	300	44	P	V
<b>5865MHz</b>		5690.27	47.35	-50.68	98.03	41.48	33.45	8.75	36.33	300	44	P	V
		5715.345	47.3	-62.2	109.5	41.28	33.58	8.77	36.33	300	44	P	V
		5723.015	47.08	-70.6	117.68	41.02	33.62	8.77	36.33	300	44	P	V
	*	5865	100.94	-	-	94.3	34.13	8.88	36.37	300	44	P	V
	*	5865	92.05	-	-	85.41	34.13	8.88	36.37	300	44	A	V
		5895.25	60.22	-49.8	110.02	53.5	34.19	8.9	36.37	300	44	P	V
		5928.25	49.63	-38.57	88.2	42.95	34.14	8.92	36.38	300	44	P	V
		5895.25	48.77	-41.25	90.02	42.05	34.19	8.9	36.37	300	44	A	V
		5925.5	39.47	-28.73	68.2	32.78	34.15	8.92	36.38	300	44	A	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 )
		5602.655	47.35	-20.85	68.2	41.97	33.01	8.67	36.3	329	34	P	H
		5651.92	46.79	-22.84	69.63	41.14	33.26	8.71	36.32	329	34	P	H
		5718.59	48.21	-62.2	110.41	42.18	33.59	8.77	36.33	329	34	P	H
		5724.785	46.19	-75.52	121.71	40.12	33.62	8.78	36.33	329	34	P	H
	*	5885	99.06	-	-	92.37	34.17	8.89	36.37	329	34	P	H
	*	5885	89.48	-	-	82.79	34.17	8.89	36.37	329	34	A	H
		5895	86.4	-23.8	110.2	79.68	34.19	8.9	36.37	329	34	P	H
		5928.75	52.84	-35.36	88.2	46.16	34.14	8.92	36.38	329	34	P	H
		5895	80.08	-10.12	90.2	73.36	34.19	8.9	36.37	329	34	A	H
		5925	42.12	-26.08	68.2	35.44	34.15	8.91	36.38	329	34	A	H
802.11ax													H
HE20 Full													H
CH 177		5602.95	46.88	-21.32	68.2	41.5	33.01	8.67	36.3	143	58	P	V
5885MHz		5689.68	47.94	-49.65	97.59	42.07	33.45	8.75	36.33	143	58	P	V
		5715.935	47.82	-61.84	109.66	41.8	33.58	8.77	36.33	143	58	P	V
		5721.54	47.85	-66.46	114.31	41.8	33.61	8.77	36.33	143	58	P	V
	*	5885	100.97	-	-	94.28	34.17	8.89	36.37	143	58	P	V
	*	5885	92.29	-	-	85.6	34.17	8.89	36.37	143	58	A	V
		5895	89.99	-20.21	110.2	83.27	34.19	8.9	36.37	143	58	P	V
		5929.25	56.18	-32.02	88.2	49.5	34.14	8.92	36.38	143	58	P	V
		5895	82.97	-7.23	90.2	76.25	34.19	8.9	36.37	143	58	A	V
		5925.25	44.21	-23.99	68.2	37.52	34.15	8.92	36.38	143	58	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII- 4 5850~5895MHz**  
**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 169 5845MHz		11690	46.36	-27.64	74	52.18	39.01	13.2	58.03	-	-	P	H	
		17535	46.83	-21.37	68.2	49.88	39.79	16.31	59.15	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11690	45.52	-28.48	74	51.34	39.01	13.2	58.03	-	-	P	V
			17535	46.42	-21.78	68.2	49.47	39.79	16.31	59.15	-	-	P	V
														V
														V
														V
														V
													V	
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Full CH 173 5865MHz		11730	45.6	-28.4	74	51.38	39.02	13.21	58.01	-	-	P	H
		17595	49.44	-18.76	68.2	52.15	40.02	16.32	59.05	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			11730	45.53	-28.47	74	51.31	39.02	13.21	58.01	-	-	P
		17595	51.94	-16.26	68.2	54.65	40.02	16.32	59.05	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE20 Full CH 177 5885MHz		11770	45.89	-28.11	74	51.6	39.03	13.24	57.98	-	-	P	H	
		17655	49.44	-18.76	68.2	51.82	40.25	16.33	58.96	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
	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.														





**UNII- 4 5850~5895MHz**  
**WIFI 802.11ax HE20\_Partial 26 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Partial 26/0 CH 169 5845MHz		5612.39	48.5	-19.7	68.2	43.07	33.06	8.68	36.31	321	36	P	H
		5689.68	47.8	-49.79	97.59	41.93	33.45	8.75	36.33	321	36	P	H
		5714.165	47.86	-61.31	109.17	41.85	33.57	8.77	36.33	321	36	P	H
		5722.13	47.05	-68.61	115.66	41	33.61	8.77	36.33	321	36	P	H
	*	5845	107.19	-	-	100.59	34.09	8.87	36.36	321	36	P	H
	*	5845	100.66	-	-	94.06	34.09	8.87	36.36	321	36	A	H
		5913.75	49.21	-47.23	96.44	42.51	34.17	8.91	36.38	321	36	P	H
		5954.25	48.55	-39.65	88.2	41.92	34.09	8.93	36.39	321	36	P	H
		5896.5	39.18	-49.92	89.1	32.47	34.19	8.9	36.38	321	36	P	H
		5933.5	38.85	-29.35	68.2	32.18	34.13	8.92	36.38	321	36	A	H
		5615.93	48.04	-20.16	68.2	42.59	33.08	8.68	36.31	100	52	P	V
		5672.865	47.35	-37.81	85.16	41.58	33.36	8.73	36.32	100	52	P	V
		5717.115	47.65	-62.34	109.99	41.62	33.59	8.77	36.33	100	52	P	V
		5723.31	46.76	-71.59	118.35	40.7	33.62	8.77	36.33	100	52	P	V
	*	5845	107.66	-	-	101.06	34.09	8.87	36.36	100	52	P	V
	*	5845	101.32	-	-	94.72	34.09	8.87	36.36	100	52	A	V
		5897.25	50.27	-58.28	108.55	43.56	34.19	8.9	36.38	100	52	P	V
		5962.75	49.36	-38.84	88.2	42.74	34.07	8.94	36.39	100	52	P	V
		5897.5	39.51	-48.85	88.36	32.8	34.19	8.9	36.38	100	52	P	V
		5925	39.06	-29.14	68.2	32.38	34.15	8.91	36.38	100	52	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 Partial 26/8 CH 177 5885MHz		5643.66	47.86	-20.34	68.2	42.24	33.22	8.71	36.31	400	36	P	H
		5697.645	47.83	-55.63	103.46	41.92	33.49	8.75	36.33	400	36	P	H
		5716.82	46.99	-62.92	109.91	40.97	33.58	8.77	36.33	400	36	P	H
		5724.49	46.14	-74.9	121.04	40.07	33.62	8.78	36.33	400	36	P	H
	*	5885	105.73	-	-	99.04	34.17	8.89	36.37	400	36	P	H
	*	5885	99.55	-	-	92.86	34.17	8.89	36.37	400	36	A	H
		5895	82.01	-28.19	110.2	75.29	34.19	8.9	36.37	400	36	P	H
		5928.25	53.71	-34.49	88.2	47.03	34.14	8.92	36.38	400	36	P	H
		5895	71.84	-18.36	90.2	65.12	34.19	8.9	36.37	400	36	P	H
		5925.5	44.34	-23.86	68.2	37.65	34.15	8.92	36.38	400	36	A	H
		5623.305	47.52	-20.68	68.2	42.02	33.12	8.69	36.31	126	56	P	V
		5684.96	47.7	-46.4	94.1	41.86	33.42	8.74	36.32	126	56	P	V
		5714.46	47.61	-61.64	109.25	41.6	33.57	8.77	36.33	126	56	P	V
		5724.195	47.27	-73.09	120.36	41.2	33.62	8.78	36.33	126	56	P	V
	*	5885	108.38	-	-	101.69	34.17	8.89	36.37	126	56	P	V
	*	5885	101.15	-	-	94.46	34.17	8.89	36.37	126	56	A	V
		5895	82.81	-27.39	110.2	76.09	34.19	8.9	36.37	126	56	P	V
		5928	60.81	-27.39	88.2	54.13	34.14	8.92	36.38	126	56	P	V
	5895	73.25	-16.95	90.2	66.53	34.19	8.9	36.37	126	56	P	V	
	5925.5	47.32	-20.88	68.2	40.63	34.15	8.92	36.38	126	56	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII- 4 5850~5895MHz

WIFI 802.11ax HE20\_Partial 26 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Partial 26/0		11690	44.95	-29.05	74	50.77	39.01	13.2	58.03	-	-	P	H
		17505	56.43	-11.77	68.2	59.66	39.67	16.3	59.2	367	260	P	H
													H
													H
													H
													H
													H
													H
													H
													H
CH 169 5845MHz		11690	44.84	-29.16	74	50.66	39.01	13.2	58.03	-	-	P	V
		17505	55.91	-12.29	68.2	59.14	39.67	16.3	59.2	100	232	P	V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Partial 26/4 CH 173 5865MHz		11730	44.72	-29.28	74	50.5	39.02	13.21	58.01	-	-	P	H	
		17595	56.98	-11.22	68.2	59.69	40.02	16.32	59.05	384	260	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11730	45.81	-28.19	74	51.59	39.02	13.21	58.01	-	-	P	V
			17595	56.63	-11.57	68.2	59.34	40.02	16.32	59.05	100	231	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE20 Partial 26/8 CH 177 5885MHz		11774	45.43	-28.57	74	51.14	39.03	13.24	57.98	-	-	P	H	
		17681	57.65	-10.55	68.2	59.86	40.36	16.34	58.91	367	265	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11774	45.64	-28.36	74	51.35	39.03	13.24	57.98	-	-	P	V
			17681	57.82	-10.38	68.2	60.03	40.36	16.34	58.91	100	231	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
<b>Remark</b>	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.													



**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ax HE20\_Partial 52 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Partial 52/37 CH 169 5845MHz		5624.78	48.1	-20.1	68.2	42.6	33.12	8.69	36.31	319	36	P	H
		5693.22	47.63	-52.57	100.2	41.74	33.47	8.75	36.33	319	36	P	H
		5708.855	48.12	-59.56	107.68	42.15	33.54	8.76	36.33	319	36	P	H
		5725.08	47.25	-86.95	134.2	41.17	33.63	8.78	36.33	319	36	P	H
	*	5845	105.93	-	-	99.33	34.09	8.87	36.36	319	36	P	H
	*	5845	98.45	-	-	91.85	34.09	8.87	36.36	319	36	A	H
		5898	49.45	-58.54	107.99	42.73	34.2	8.9	36.38	319	36	P	H
		5938	48.59	-39.61	88.2	41.94	34.12	8.92	36.39	319	36	P	H
		5895	39.55	-50.65	90.2	32.83	34.19	8.9	36.37	319	36	P	H
		5932.5	38.96	-29.24	68.2	32.28	34.14	8.92	36.38	319	36	A	H
		5643.07	47.67	-20.53	68.2	42.05	33.22	8.71	36.31	100	52	P	V
		5689.975	48.34	-49.47	97.81	42.47	33.45	8.75	36.33	100	52	P	V
		5701.775	47.65	-58.05	105.7	41.71	33.51	8.76	36.33	100	52	P	V
		5722.72	47.15	-69.85	117	41.1	33.61	8.77	36.33	100	52	P	V
	*	5845	107.27	-	-	100.67	34.09	8.87	36.36	100	52	P	V
	*	5845	98.82	-	-	92.22	34.09	8.87	36.36	100	52	A	V
		5896.5	49.97	-59.13	109.1	43.26	34.19	8.9	36.38	100	52	P	V
		5970.75	48.53	-39.67	88.2	41.92	34.06	8.94	36.39	100	52	P	V
	5896.5	39.74	-49.36	89.1	33.03	34.19	8.9	36.38	100	52	P	V	
	5925.25	39	-29.2	68.2	32.31	34.15	8.92	36.38	100	52	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 Partial 52/40 CH 177 5885MHz		5617.995	47.16	-21.04	68.2	41.69	33.09	8.69	36.31	400	34	P	H
		5673.16	47.42	-37.96	85.38	41.64	33.37	8.73	36.32	400	34	P	H
		5720.065	47.76	-63.19	110.95	41.72	33.6	8.77	36.33	400	34	P	H
		5720.065	47.76	-63.19	110.95	41.72	33.6	8.77	36.33	400	34	P	H
	*	5885	104.74	-	-	98.05	34.17	8.89	36.37	400	34	P	H
	*	5885	97.06	-	-	90.37	34.17	8.89	36.37	400	34	A	H
		5895	80.32	-29.88	110.2	73.6	34.19	8.9	36.37	400	34	P	H
		5925	54.14	-34.06	88.2	47.46	34.15	8.91	36.38	400	34	P	H
		5895	70.3	-19.9	90.2	63.58	34.19	8.9	36.37	400	34	P	H
		5925	41.76	-26.44	68.2	35.08	34.15	8.91	36.38	400	34	A	H
		5635.4	47.89	-20.31	68.2	42.32	33.18	8.7	36.31	134	59	P	V
		5694.105	48.96	-51.89	100.85	43.07	33.47	8.75	36.33	134	59	P	V
		5704.725	47.35	-59.17	106.52	41.4	33.52	8.76	36.33	134	59	P	V
		5724.195	48.51	-71.85	120.36	42.44	33.62	8.78	36.33	134	59	P	V
	*	5885	105.81	-	-	99.12	34.17	8.89	36.37	134	59	P	V
	*	5885	98.64	-	-	91.95	34.17	8.89	36.37	134	59	A	V
		5895	81.82	-28.38	110.2	75.1	34.19	8.9	36.37	134	59	P	V
		5928.25	52.63	-35.57	88.2	45.95	34.14	8.92	36.38	134	59	P	V
	5895	72.07	-18.13	90.2	65.35	34.19	8.9	36.37	134	59	P	V	
	5925.5	43.6	-24.6	68.2	36.91	34.15	8.92	36.38	134	59	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII-4 - 5850~5895MHz**  
**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 169 5845MHz		5637.465	47.55	-20.65	68.2	41.97	33.19	8.7	36.31	315	40	P	H
		5673.455	47.22	-38.38	85.6	41.44	33.37	8.73	36.32	315	40	P	H
		5703.84	47.22	-59.06	106.28	41.27	33.52	8.76	36.33	315	40	P	H
		5722.72	47.04	-69.96	117	40.99	33.61	8.77	36.33	315	40	P	H
	*	5845	103.74	-	-	97.14	34.09	8.87	36.36	315	40	P	H
	*	5845	95.4	-	-	88.8	34.09	8.87	36.36	315	40	A	H
		5895.5	51.23	-58.6	109.83	44.51	34.19	8.9	36.37	315	40	P	H
		5987.5	49.16	-39.04	88.2	42.58	34.03	8.95	36.4	315	40	P	H
		5895.5	39.5	-50.33	89.83	32.78	34.19	8.9	36.37	315	40	P	H
		5935.75	38.86	-29.34	68.2	32.19	34.13	8.92	36.38	315	40	A	H
		5612.98	47.36	-20.84	68.2	41.93	33.06	8.68	36.31	100	51	P	V
		5693.22	47.69	-52.51	100.2	41.8	33.47	8.75	36.33	100	51	P	V
		5701.185	48.31	-57.22	105.53	42.37	33.51	8.76	36.33	100	51	P	V
		5724.49	46.54	-74.5	121.04	40.47	33.62	8.78	36.33	100	51	P	V
	*	5845	105.32	-	-	98.72	34.09	8.87	36.36	100	51	P	V
	*	5845	95.78	-	-	89.18	34.09	8.87	36.36	100	51	A	V
		5895.5	48.71	-61.12	109.83	41.99	34.19	8.9	36.37	100	51	P	V
		5950.75	48.52	-39.68	88.2	41.88	34.1	8.93	36.39	100	51	P	V
	5899.25	39.52	-47.56	87.08	32.8	34.2	8.9	36.38	100	51	P	V	
	5927.75	38.96	-29.24	68.2	32.28	34.14	8.92	36.38	100	51	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 Partial 106/54 CH 177 5885MHz		5606.785	46.77	-21.43	68.2	41.37	33.03	8.68	36.31	400	36	P	H
		5696.465	48.68	-53.91	102.59	42.78	33.48	8.75	36.33	400	36	P	H
		5706.79	46.68	-60.42	107.1	40.72	33.53	8.76	36.33	400	36	P	H
		5721.245	46.7	-66.94	113.64	40.65	33.61	8.77	36.33	400	36	P	H
	*	5885	101.66	-	-	94.97	34.17	8.89	36.37	400	36	P	H
	*	5885	94.03	-	-	87.34	34.17	8.89	36.37	400	36	A	H
		5895	79.93	-30.27	110.2	73.21	34.19	8.9	36.37	400	36	P	H
		5925.75	51.45	-36.75	88.2	44.76	34.15	8.92	36.38	400	36	P	H
		5895	68.03	-22.17	90.2	61.31	34.19	8.9	36.37	400	36	P	H
		5925.5	39.53	-28.67	68.2	32.84	34.15	8.92	36.38	400	36	A	H
		5635.99	47.55	-20.65	68.2	41.98	33.18	8.7	36.31	124	58	P	V
		5673.455	47.29	-38.31	85.6	41.51	33.37	8.73	36.32	124	58	P	V
		5718	47.43	-62.81	110.24	41.4	33.59	8.77	36.33	124	58	P	V
		5723.605	46.27	-72.75	119.02	40.2	33.62	8.78	36.33	124	58	P	V
	*	5885	104.53	-	-	97.84	34.17	8.89	36.37	124	58	P	V
	*	5885	95.66	-	-	88.97	34.17	8.89	36.37	124	58	A	V
		5895	79.49	-30.71	110.2	72.77	34.19	8.9	36.37	124	58	P	V
		5926.5	53.07	-35.13	88.2	46.38	34.15	8.92	36.38	124	58	P	V
	5895	79.46	-10.74	90.2	72.74	34.19	8.9	36.37	124	58	P	V	
	5925	40.2	-28	68.2	33.52	34.15	8.91	36.38	124	58	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII- 4 5850~5895MHz**  
**WIFI 802.11ax HE40\_Full (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		5646.61	46.82	-21.38	68.2	41.2	33.23	8.71	36.32	316	40	P	H
		5682.305	48.94	-43.2	92.14	43.11	33.41	8.74	36.32	316	40	P	H
		5718.295	49.29	-61.03	110.32	43.26	33.59	8.77	36.33	316	40	P	H
		5723.605	47.92	-71.1	119.02	41.85	33.62	8.78	36.33	316	40	P	H
	*	5835	98.76	-	-	92.19	34.07	8.86	36.36	316	40	P	H
	*	5835	89.31	-	-	82.74	34.07	8.86	36.36	316	40	A	H
		5900.25	55.97	-50.37	106.34	49.25	34.2	8.9	36.38	316	40	P	H
		5927.75	53.05	-35.15	88.2	46.37	34.14	8.92	36.38	316	40	P	H
		5895.75	46.66	-42.99	89.65	39.94	34.19	8.9	36.37	316	40	A	H
		5925	41.07	-27.13	68.2	34.39	34.15	8.91	36.38	316	40	A	H
<b>802.11ax</b>													H
<b>HE40 Full</b>													H
<b>CH 167</b>		5635.99	47.4	-20.8	68.2	41.83	33.18	8.7	36.31	100	54	P	V
<b>5835MHz</b>		5663.425	47.48	-30.69	78.17	41.76	33.32	8.72	36.32	100	54	P	V
		5707.38	48.86	-58.41	107.27	42.89	33.54	8.76	36.33	100	54	P	V
		5722.72	49.21	-67.79	117	43.16	33.61	8.77	36.33	100	54	P	V
	*	5835	98.91	-	-	92.34	34.07	8.86	36.36	100	54	P	V
	*	5835	89.72	-	-	83.15	34.07	8.86	36.36	100	54	A	V
		5896.5	56.03	-53.07	109.1	49.32	34.19	8.9	36.38	100	54	P	V
		5925.75	52.05	-36.15	88.2	45.36	34.15	8.92	36.38	100	54	P	V
		5895.5	47.68	-42.15	89.83	40.96	34.19	8.9	36.37	100	54	A	V
		5925.75	41.93	-26.27	68.2	35.24	34.15	8.92	36.38	100	54	A	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 )
		5607.965	47	-21.2	68.2	41.59	33.04	8.68	36.31	381	35	P	H
		5650.445	47.18	-21.35	68.53	41.54	33.25	8.71	36.32	381	35	P	H
		5702.365	48.34	-57.52	105.86	42.4	33.51	8.76	36.33	381	35	P	H
		5720.655	46.62	-65.67	112.29	40.58	33.6	8.77	36.33	381	35	P	H
	*	5875	98.06	-	-	91.39	34.15	8.89	36.37	381	35	P	H
	*	5875	87.69	-	-	81.02	34.15	8.89	36.37	381	35	A	H
		5895	74.5	-35.7	110.2	67.78	34.19	8.9	36.37	381	35	P	H
		5925.25	59.02	-29.18	88.2	52.33	34.15	8.92	36.38	381	35	P	H
		5895	65.19	-25.01	90.2	58.47	34.19	8.9	36.37	381	35	A	H
		5925	49.91	-18.29	68.2	43.23	34.15	8.91	36.38	381	35	A	H
802.11ax													H
HE40 Full													H
CH 175		5615.045	46.86	-21.34	68.2	41.41	33.08	8.68	36.31	122	59	P	V
5875MHz		5691.155	47.6	-51.08	98.68	41.72	33.46	8.75	36.33	122	59	P	V
		5714.755	47.37	-61.96	109.33	41.36	33.57	8.77	36.33	122	59	P	V
		5720.95	46.28	-66.69	112.97	40.24	33.6	8.77	36.33	122	59	P	V
	*	5875	100.73	-	-	94.06	34.15	8.89	36.37	122	59	P	V
	*	5875	89.36	-	-	82.69	34.15	8.89	36.37	122	59	A	V
		5895	76.32	-33.88	110.2	69.6	34.19	8.9	36.37	122	59	P	V
		5926.25	61.94	-26.26	88.2	55.25	34.15	8.92	36.38	122	59	P	V
		5895	67.31	-22.89	90.2	60.59	34.19	8.9	36.37	122	59	A	V
		5925	52.71	-15.49	68.2	46.03	34.15	8.91	36.38	122	59	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII- 4 5850~5895MHz  
 WIFI 802.11ax HE40\_Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE40 Full CH 167 5835MHz		11670	45.86	-28.14	74	51.71	39	13.19	58.04	-	-	P	H	
		17505	47.89	-20.31	68.2	51.12	39.67	16.3	59.2	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11670	45.78	-28.22	74	51.63	39	13.19	58.04	-	-	P	V
			17505	48.19	-20.01	68.2	51.42	39.67	16.3	59.2	-	-	P	V
														V
														V
														V
														V
													V	
													V	
													V	
													V	



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE40 Full CH 175 5875MHz		11750	45.75	-28.25	74	51.51	39.02	13.22	58	-	-	P	H	
		17625	48.39	-19.81	68.2	50.92	40.14	16.33	59	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
	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.												



UNII- 4 5850~5895MHz  
WIFI 802.11ax HE80\_Full (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		5607.67	47.78	-20.42	68.2	42.37	33.04	8.68	36.31	151	33	P	H
		5662.245	51.63	-25.66	77.29	45.92	33.31	8.72	36.32	151	33	P	H
		5708.855	49.99	-57.69	107.68	44.02	33.54	8.76	36.33	151	33	P	H
		5723.605	49.74	-69.28	119.02	43.67	33.62	8.78	36.33	151	33	P	H
	*	5855	91.63	-	-	85.02	34.11	8.87	36.37	151	33	P	H
	*	5855	83.06	-	-	76.45	34.11	8.87	36.37	151	33	A	H
		5895	69.27	-40.93	110.2	62.55	34.19	8.9	36.37	151	33	P	H
		5933	60.15	-28.05	88.2	53.48	34.13	8.92	36.38	151	33	P	H
		5895	60.99	-29.21	90.2	54.27	34.19	8.9	36.37	151	33	A	H
		5925.25	50.46	-17.74	68.2	43.77	34.15	8.92	36.38	151	33	A	H
802.11ax													H
HE80 Full													H
CH 171		5625.37	47.96	-20.24	68.2	42.45	33.13	8.69	36.31	118	57	P	V
5855MHz		5697.055	51.59	-51.44	103.03	45.68	33.49	8.75	36.33	118	57	P	V
		5715.64	52.65	-56.93	109.58	46.63	33.58	8.77	36.33	118	57	P	V
		5723.9	50.89	-68.8	119.69	44.82	33.62	8.78	36.33	118	57	P	V
	*	5855	95.93	-	-	89.32	34.11	8.87	36.37	118	57	P	V
	*	5855	86.12	-	-	79.51	34.11	8.87	36.37	118	57	A	V
		5895	71.6	-38.6	110.2	64.88	34.19	8.9	36.37	118	57	P	V
		5931.25	64.11	-24.09	88.2	57.43	34.14	8.92	36.38	118	57	P	V
		5895	63.65	-26.55	90.2	56.93	34.19	8.9	36.37	118	57	A	V
		5925.25	53.2	-15	68.2	46.51	34.15	8.92	36.38	118	57	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**UNII- 4 5850~5895MHz**  
**WIFI 802.11ax HE80\_Full (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE80 Full CH 171 5855MHz		11710	45.77	-28.23	74	51.58	39.01	13.2	58.02	-	-	P	H	
		17565	47.81	-20.39	68.2	50.69	39.9	16.32	59.1	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11710	45.69	-28.31	74	51.5	39.01	13.2	58.02	-	-	P	V
			17565	47.63	-20.57	68.2	50.51	39.9	16.32	59.1	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
<b>Remark</b>	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.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	(dBμV)	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ax HE20_Full SHF		39565	47.75	-26.25	74	59.96	44.51	-0.3	56.42	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			39840.5	47.88	-26.12	74	59.51	44.7	-0.24	56.09	-	-	P
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												





Emission below 1GHz

WIFI 802.11ax HE20\_Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	(dBμV)	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)	
802.11ax HE20_Full LF		82.56	25.67	-14.33	40	43.08	13.74	1.21	32.36	-	-	P	H	
		166.08	27.39	-16.11	43.5	42.1	15.94	1.72	32.37	-	-	P	H	
		185.88	27.23	-16.27	43.5	42.97	14.79	1.83	32.36	-	-	P	H	
		704.54	33.42	-12.58	46	36.42	26.11	3.17	32.28	-	-	P	H	
		851.48	30.48	-15.52	46	30.34	28.48	3.47	31.81	-	-	P	H	
		930.48	32.15	-13.85	46	30.77	28.91	3.69	31.22	-	-	P	H	
														H
														H
														H
														H
														H
														H
			30.36	30.88	-9.12	40	37.97	24.51	0.72	32.32	-	-	P	V
			42.78	32.78	-7.22	40	45.94	18.3	0.86	32.32	-	-	P	V
			187.86	25.34	-18.16	43.5	41.09	14.77	1.83	32.35	-	-	P	V
			847.53	30.3	-15.7	46	30.37	28.29	3.47	31.83	-	-	P	V
			932.06	31.79	-14.21	46	30.13	29.16	3.7	31.2	-	-	P	V
			956.55	32.83	-13.17	46	30.25	29.78	3.76	30.96	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against limit line.</li> <li>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.</li> </ol>													



**Note symbol**

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



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

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 149 5745MHz		5650	55.45	-12.75	68.2	54.51	32.22	4.58	35.86	103	308	P	H

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

**For Peak Limit @ 5650MHz:**

- 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) – 68.2(dBμV/m)  
= -12.75 (dB)

**Peak measured complies with the limit line, so test result is “PASS”.**



## Appendix D. Radiated Spurious Emission Plots

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

### Note symbol

-L	Low channel location
-R	High channel location



**UNII-4 - 5850~5895MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz - L	
<b>1</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Site : 03CH15-HY            Condition : PEAK_BE(UNII-4)_16-24 3m 91200_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY            Condition : PEAK(UNII-4) 3m 91200_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	Left blank	<p>Site : 03CH15-HY            Condition : AVG(UNII-4) 3m 91200_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:0.750KHz SWT:Auto</p>

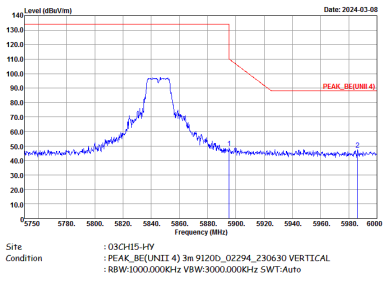
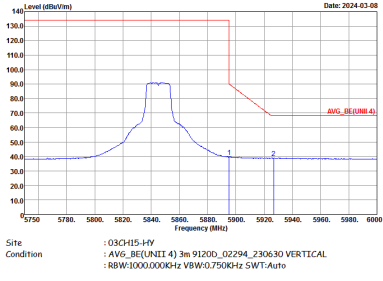


WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



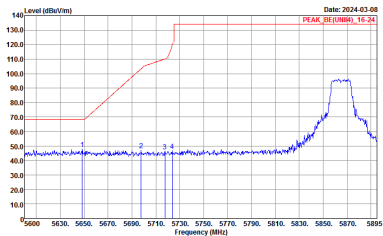
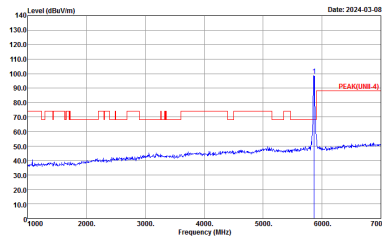
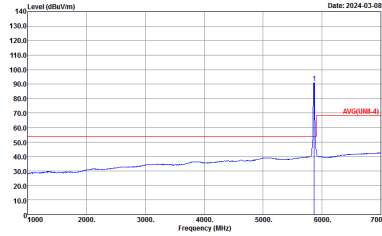
WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz - L	
1	Vertical	Fundamental
Peak		
Avg.	Left blank	



WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11a CH169 5845MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site :03CH15-HY Condition :PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site :03CH15-HY Condition :AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.750kHz SWF:Auto</p>	Left blank





WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH173 5865MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : :PEAK_BE(UNII4)_16-24 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	 <p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>

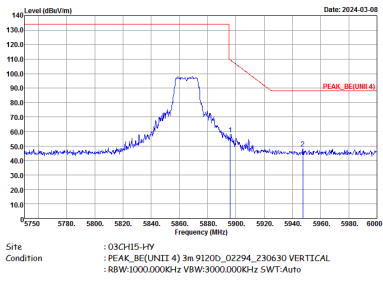
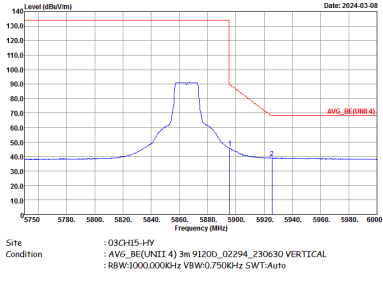


WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11a CH173 5865MHz – R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH173 5865MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_REF(UNII-4)_15-24 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	<p>Site : 03CH15-HY Condition : AVG(UNII-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>



WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11a CH173 5865MHz – R	
1	Vertical	Fundamental
Peak	 <p>Site :03CH15-HY Condition :PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site :03CH15-HY Condition :AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.750kHz SWF:Auto</p>	Left blank

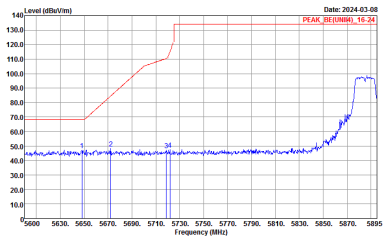
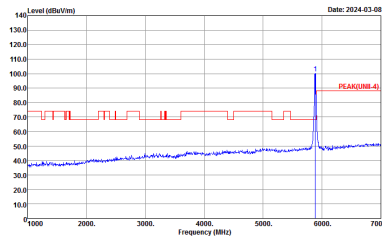
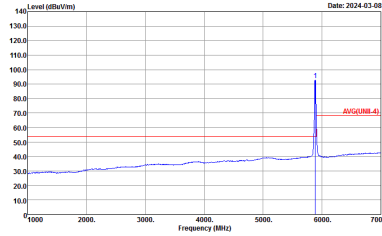


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE(UNII-4)_16-24 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	Left blank	<p>Site : 03CH15-HY Condition : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto</p>

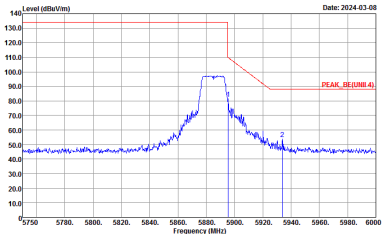
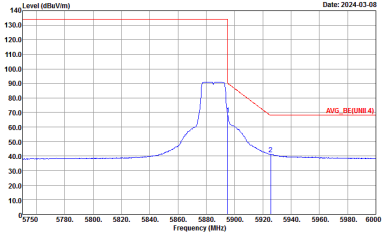


WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : :PEAK_SE(UNII4)_16-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : :PEAK(LINE1-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	 <p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>



WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11a CH177 5885MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWF:Auto</p>	Left blank

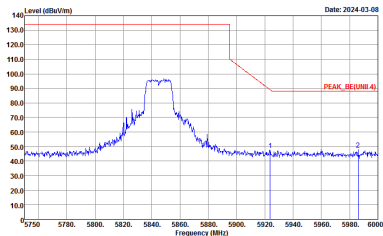
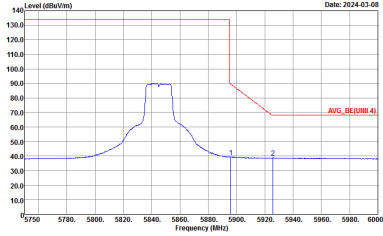




**UNII-4 - 5850~5895MHz**  
**WIFI 802.11n HT20 Full (Band Edge @ 3m)**

WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11n HT20 Full CH169 5845MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	Left blank	<p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:0.750KHz SWT:Auto</p>



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11n HT20 Full CH169 5845MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2024-03-08</p> <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Date: 2024-03-08</p> <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.0000kHz VBW:0.7500kHz SWF:Auto</p>	Left blank

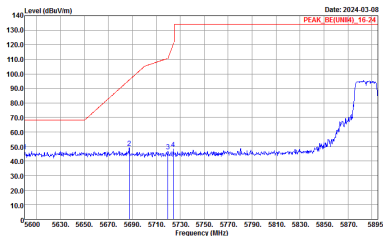
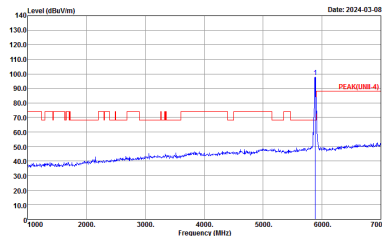
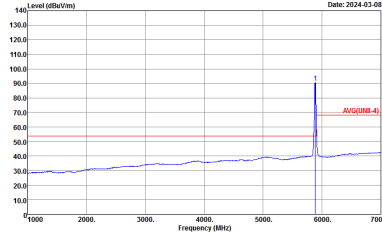


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11n HT20 Full CH169 5845MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_06(UNII-4)_16-24 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	<p>Site : 03CH15-HY Condition : AVG(UNII-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>

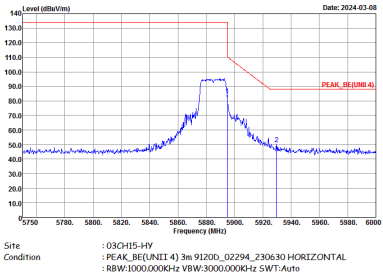
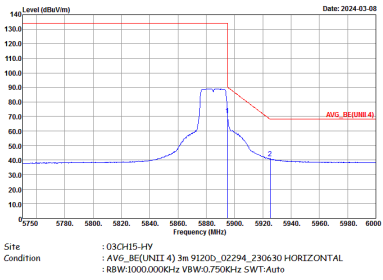


WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11n HT20 Full CH169 5845MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWF:Auto</p>	Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11n HT20 Full CH177 5885MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	Left blank	 <p>Site : 03CH15-HY Condition : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto</p>

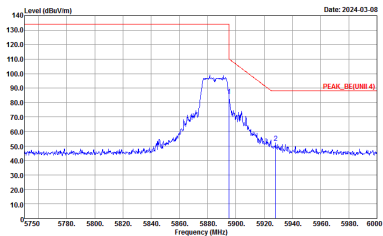
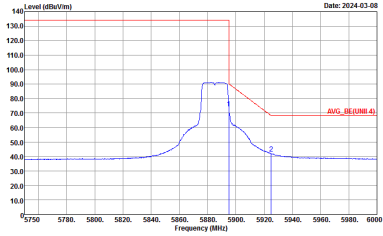


WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11n HT20 Full CH177 5885MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.750KHz SWF:Auto</p>	Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11n HT20 Full CH177 5885MHz - L	
1	Vertical	Fundamental
Peak	<p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5885 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5600 to 5895 MHz. A red line indicates the peak level at approximately 135 dBuV/m. Text: Date: 2024-03-08, PEAK_BE(UNII-4)_16-24</p> <p>Site : 03CH15-HY Condition : PEAK_BE(UNII-4)_16-24 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5885 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red line indicates the peak level at approximately 105 dBuV/m. Text: Date: 2024-03-08, PEAK(UNII-4)</p> <p>Site : 03CH15-HY Condition : PEAK(UNII-4) 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	Left blank	<p>Level (dBuV/m) vs Frequency (MHz) plot showing an average level. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red line indicates the average level at approximately 55 dBuV/m. Text: Date: 2024-03-08, AVG(UNII-4)</p> <p>Site : 03CH15-HY Condition : AVG(UNII-4) 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.750KHz SWT:Auto</p>

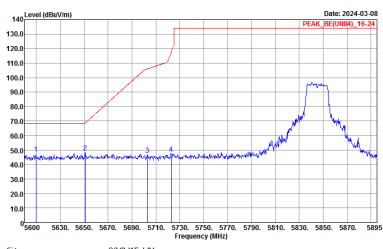
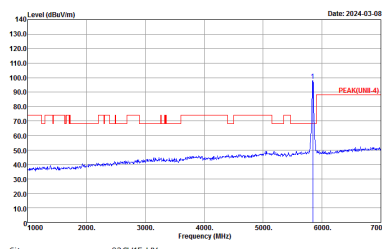
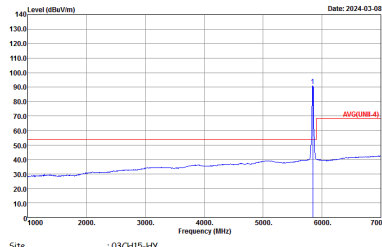


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11n HT20 Full CH177 5885MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWF:Auto</p>	Left blank

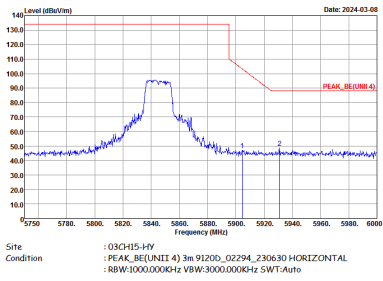
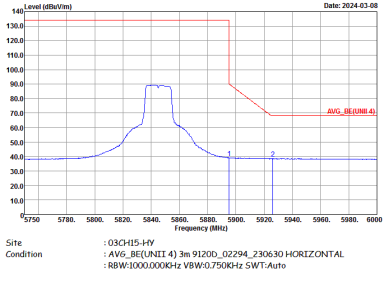




**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ac VHT20 Full (Band Edge @ 3m)**

WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT20 Full CH169 5845MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	Left blank	 <p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:0.750KHz SWT:Auto</p>



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT20 Full CH169 5845MHz - L	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

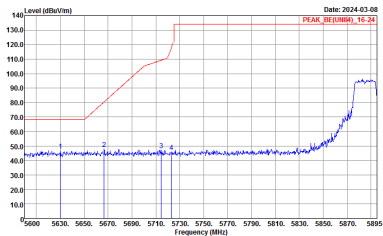
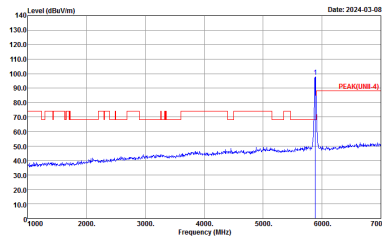
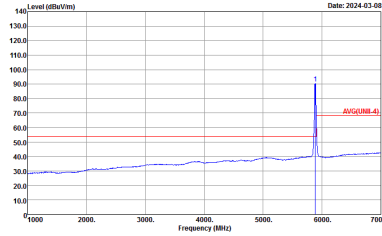


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT20 Full CH169 5845MHz - L	
1	Vertical	Fundamental
Peak		
Avg.	Left blank	

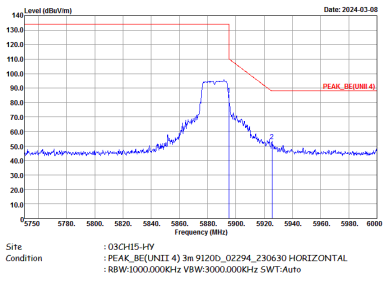
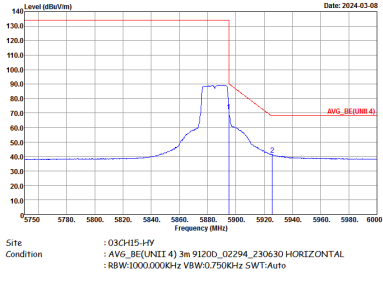


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT20 Full CH169 5845MHz - L	
1	Vertical	Fundamental
Peak	<p>Site :03CH15-HY Condition :PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site :03CH15-HY Condition :AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.750kHz SWF:Auto</p>	Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT20 Full CH177 5885MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : :PEAK_SE(UNII4)_16-24 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : :PEAK(LINE1-4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	 <p>Site : 03CH15-HY Condition : :AVG(LINE1-4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>

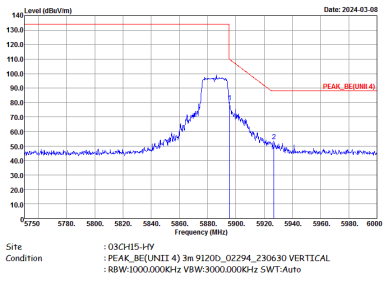
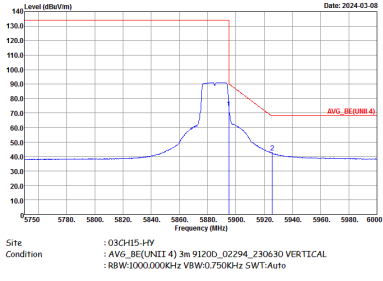


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT20 Full CH177 5885MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site :03CH15-HY Condition :PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site :03CH15-HY Condition :AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:0.750kHz SWF:Auto</p>	Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT20 Full CH177 5885MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : :PEAK_REF(UNII-4)_15-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	<p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>



WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11ac VHT20 Full CH177 5885MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWF:Auto</p>	Left blank





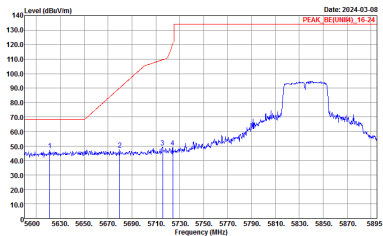
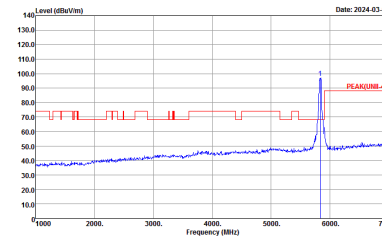
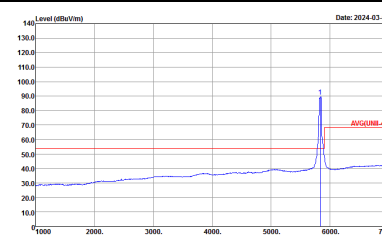
**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ac VHT40 Full (Band Edge @ 3m)**

WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT40 Full CH167 5835MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	Left blank	<p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:5.820KHz SWT:Auto</p>



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT40 Full CH167 5835MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWF:Auto</p>	Left blank

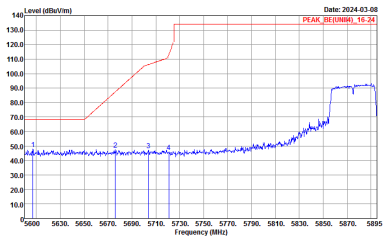
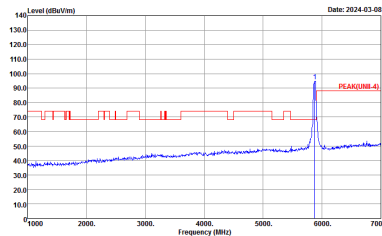
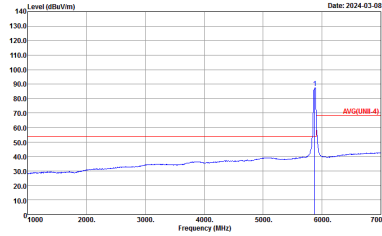


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT40 Full CH167 5835MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : :PEAK_SE(UNII4)_16-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	 <p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.820kHz SWT:Auto</p>

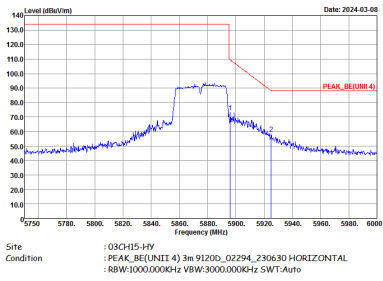
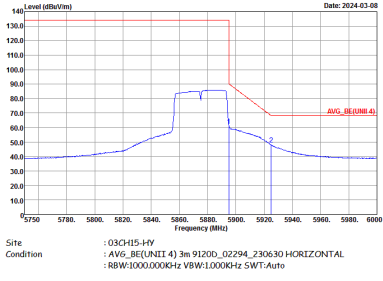


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT40 Full CH167 5835MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWF:Auto</p>	Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT40 Full CH175 5875MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2024-03-08 PEAK_REF(MHz): 15.24</p> <p>Site : 03CH15-HY Condition : PEAK_REF(UNII-4)_15-24 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Date: 2024-03-08 PEAK(UNII-4)</p> <p>Site : 03CH15-HY Condition : PEAK(UNII-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	 <p>Date: 2024-03-08 AVG(UNII-4)</p> <p>Site : 03CH15-HY Condition : AVG(UNII-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>

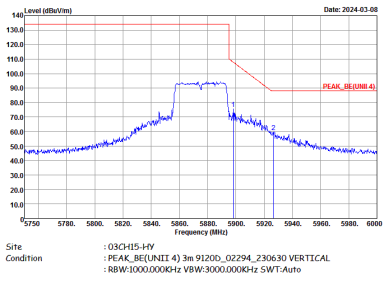
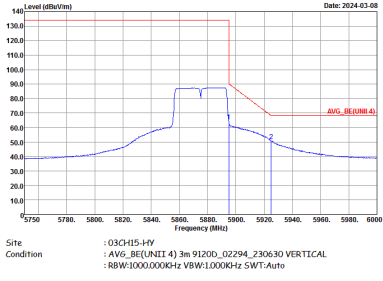


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT40 Full CH175 5875MHz - L	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT40 Full CH175 5875MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : :PEAK_SE(UNII4)_16-24 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	<p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT40 Full CH175 5875MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site :03CH15-HY Condition :PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site :03CH15-HY Condition :AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:10000kHz SWF:Auto</p>	Left blank





**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ac VHT80 Full (Band Edge @ 3m)**

WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT80 Full CH171 5855MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	Left blank	<p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:5910KHz SWT:Auto</p>



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT80 Full CH171 5855MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE(UNII-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE(UNII-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.910KHz SWF:Auto</p>	Left blank



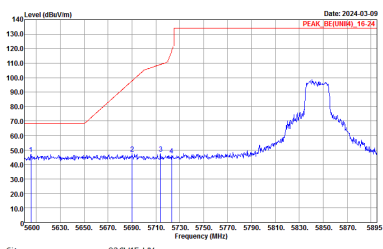
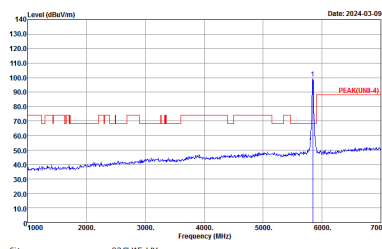
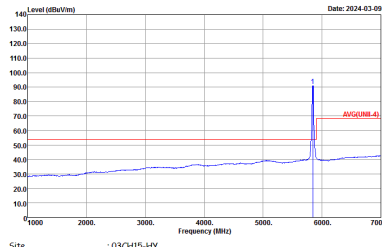
WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ac VHT80 Full CH171 5855MHz - L	
1	Vertical	Fundamental
Peak		
Avg.	Left blank	



WIFI	UNII- 4 5850-5895MHz Band Edge @ 3m	
ANT	802.11ac VHT80 Full CH171 5855MHz - L	
1	Vertical	Fundamental
Peak	<p>Site :03CH15-HY Condition :PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site :03CH15-HY Condition :AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.910kHz SWF:Auto</p>	Left blank



**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI	UNII- 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	Left blank	 <p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	UNII- 4 5725-5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz - R	
1	Horizontal	Fundamental
Peak	<p>Date: 2024-03-09</p> <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Date: 2024-03-09</p> <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWF:Auto</p>	Left blank



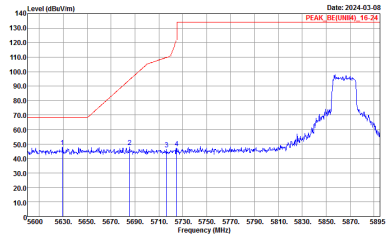
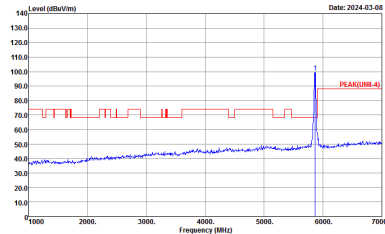
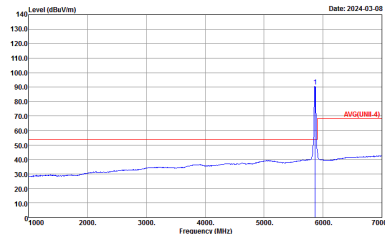
WIFI	UNII- 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : :PEAK_REF(UNII-4)_15-24 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	<p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>



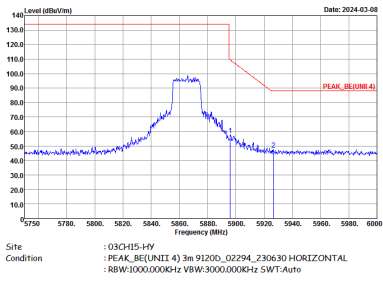
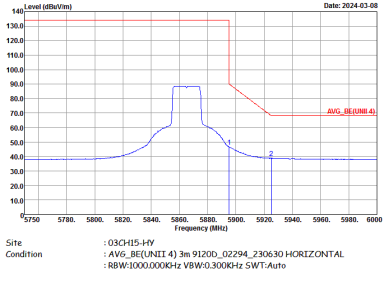
WIFI	UNII- 4 5725-5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH169 5845MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank





WIFI	UNII- 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : :PEAK_REF(UNII-4)_15-24 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	 <p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>



WIFI	UNII- 4 5725-5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site :03CH15-HY Condition :PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site :03CH15-HY Condition :AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:0.300kHz SWF:Auto</p>	Left blank

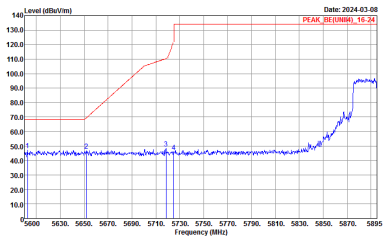
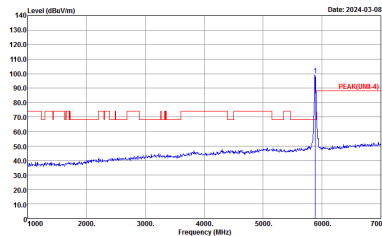
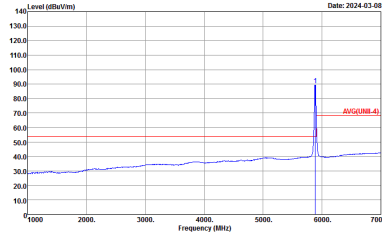


WIFI	UNII- 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : :PEAK_SE(UNII4)_16-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	<p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>

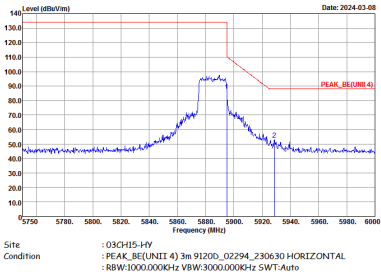
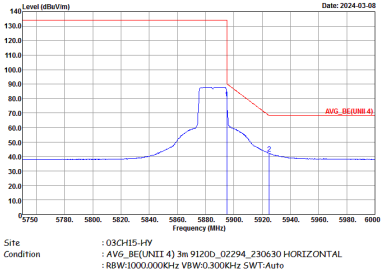


WIFI	UNII- 4 5725-5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH173 5865MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	UNII- 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : :PEAK_REF(UNII-4)_15-24 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	 <p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>

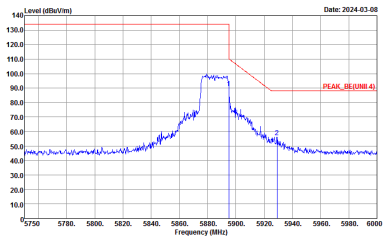
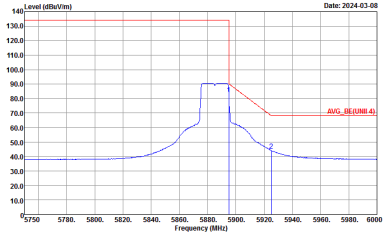


WIFI	UNII- 4 5725-5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	UNII- 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : :PEAK_SE(UNII4)_16-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : :PEAK(LINE1-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	<p>Site : 03CH15-HY Condition : :AVG(LINE1-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.300kHz SWT:Auto</p>

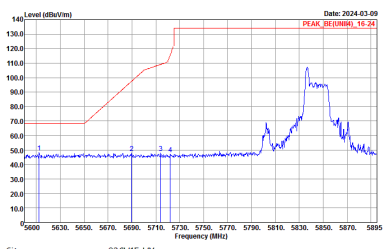
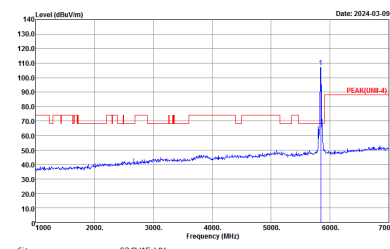
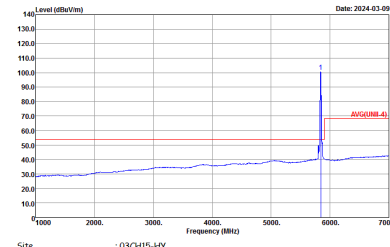


WIFI	UNII- 4 5725-5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH177 5885MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWF:Auto</p>	Left blank

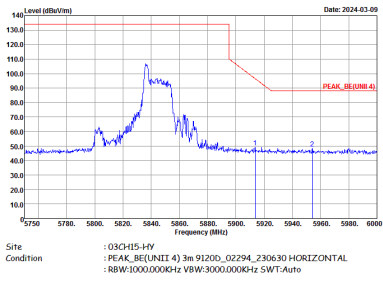
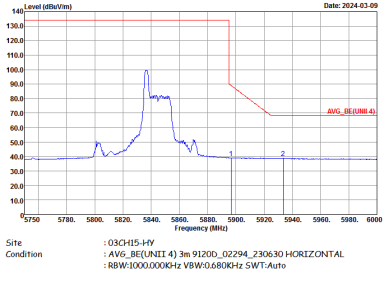




**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)**

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH169 5845MHz	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg	Left blank	 <p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:5.680KHz SWT:Auto</p>

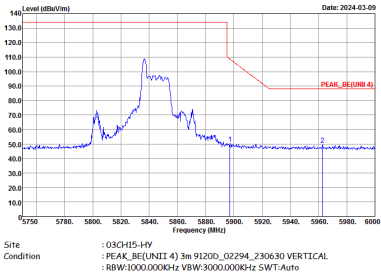
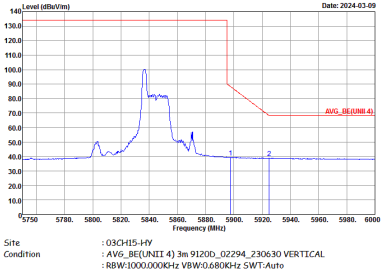


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH169 5845MHz	
1	Horizontal	Fundamental
Peak		Left blank
Avg		Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH169 5845MHz	
1	Vertical	Fundamental
Peak	<p>Date: 2024-03-09 PEAK_REF(MHz): 15.24</p> <p>Site : 03CH15-HY Condition : PEAK_REF(UNIT4)_15-24 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Date: 2024-03-09 PEAK(UNIT4)</p> <p>Site : 03CH15-HY Condition : PEAK(UNIT4)_3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg	Left blank	<p>Date: 2024-03-09 AVG(UNIT4)</p> <p>Site : 03CH15-HY Condition : AVG(UNIT4)_3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.680kHz SWT:Auto</p>

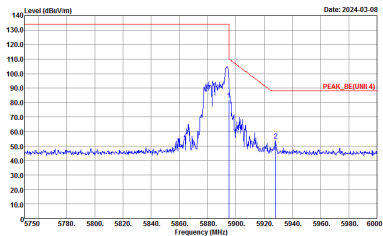
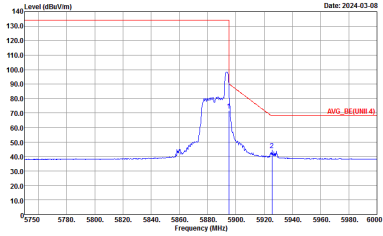


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH169 5845MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.680kHz SWF:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH177 5885MHz	
1	Horizontal	Fundamental
Peak	<p>Date: 2024-03-08 PEAK_REF(MHz): 15.24</p> <p>Site : 03CH15-HY Condition : PEAK_REF(UNIT4)_15-24 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Date: 2024-03-08 PEAK(UNIT4)</p> <p>Site : 03CH15-HY Condition : PEAK(UNIT4)_3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg	Left blank	<p>Date: 2024-03-08 AVG(UNIT4)</p> <p>Site : 03CH15-HY Condition : AVG(UNIT4)_3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:0.680kHz SWT:Auto</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH177 5885MHz	
1	Horizontal	Fundamental
Peak	 <p>Site :03CH15-HY Condition :PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg	 <p>Site :03CH15-HY Condition :AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:0.680kHz SWF:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH177 5885MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_REF(UNIT4)_15-24 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg	Left blank	<p>Site : 03CH15-HY Condition : AVG(UNIT-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.680kHz SWT:Auto</p>

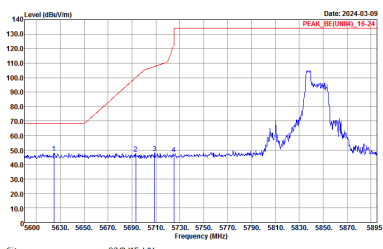
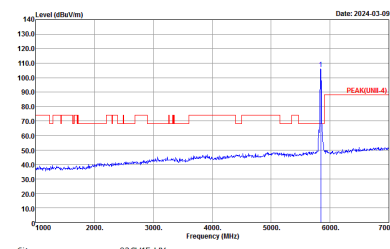
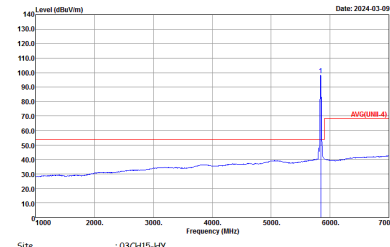


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH177 5885MHz	
1	Vertical	Fundamental
Peak		Left blank
Avg		Left blank

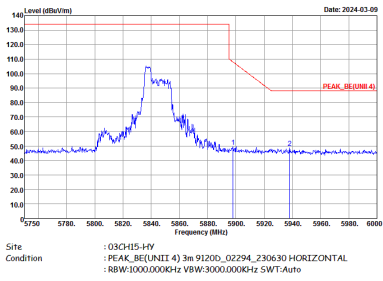
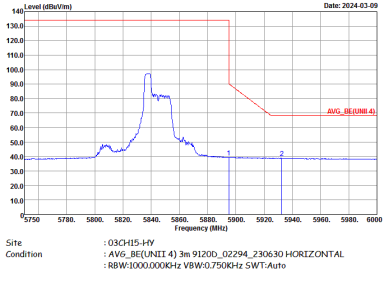




**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)**

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH169 5845MHz	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg	Left blank	 <p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:0.750KHz SWT:Auto</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH169 5845MHz	
1	Horizontal	Fundamental
Peak		Left blank
Avg		Left blank

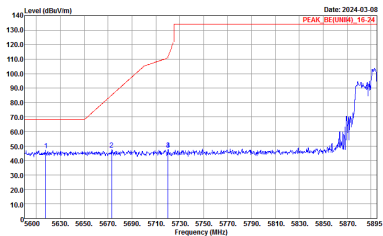
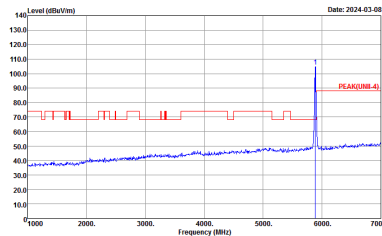
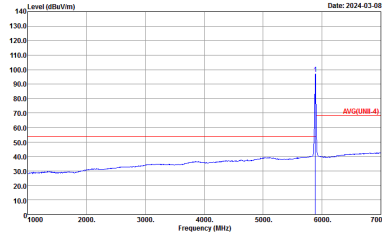


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH169 5845MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_REF(UNIT4)_15-24 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg	Left blank	<p>Site : 03CH15-HY Condition : AVG(UNIT-4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>

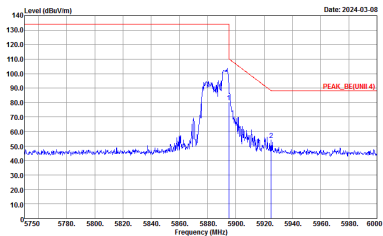
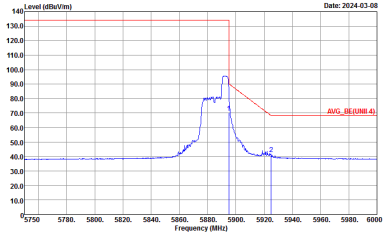


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH169 5845MHz	
1	Vertical	Fundamental
Peak		Left blank
Avg		Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH177 5885MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_SE(UNIT4)_16-24 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(LINE1-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg	Left blank	 <p>Site : 03CH15-HY Condition : AVG(LINE1-4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>

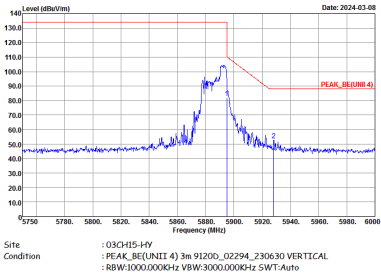
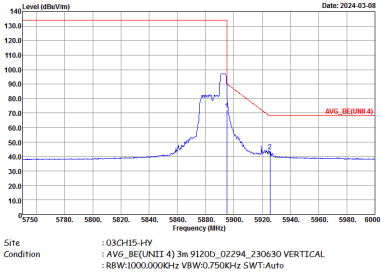


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH177 5885MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWF:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH177 5885MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : :PEAK_SE(UNIT4)_15-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : :PEAK(UNIT4)_15-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg	Left blank	<p>Site : 03CH15-HY Condition : :AVG(UNIT4)_15-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:0.750kHz SWT:Auto</p>

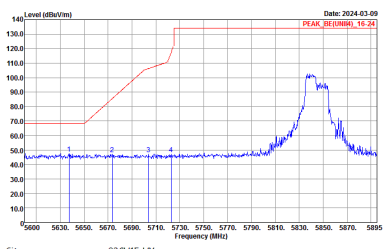
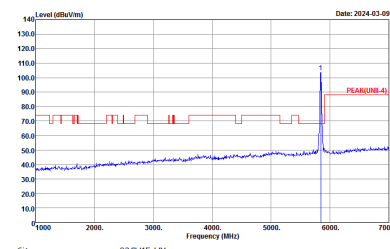
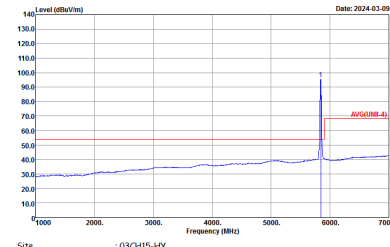


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH177 5885MHz	
1	Vertical	Fundamental
Peak		Left blank
Avg		Left blank

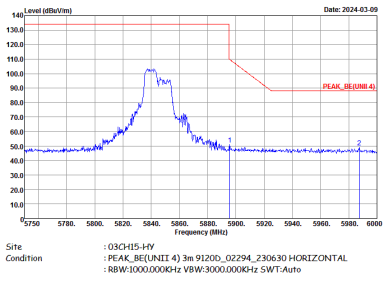
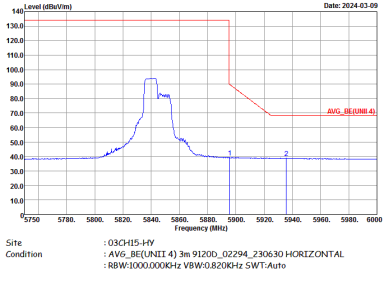




**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH169 5845MHz	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg	Left blank	 <p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:5.820KHz SWT:Auto</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH169 5845MHz	
1	Horizontal	Fundamental
Peak		Left blank
Avg		Left blank

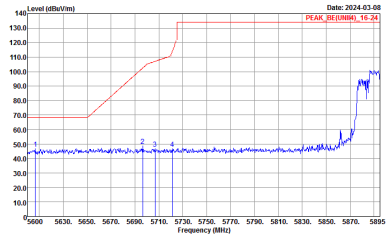
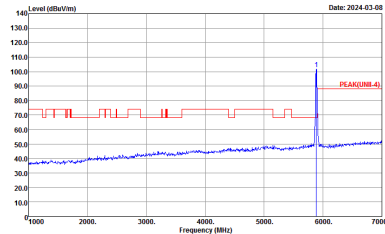
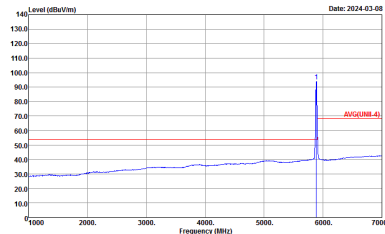


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH169 5845MHz	
1	Vertical	Fundamental
Peak		
Avg	Left blank	

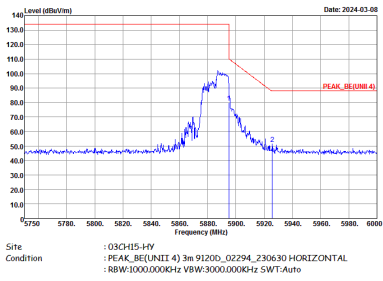
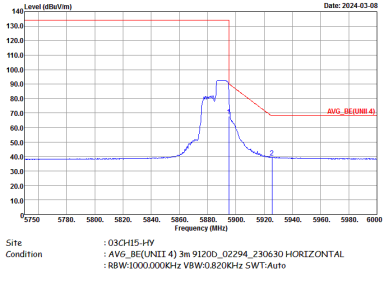


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH169 5845MHz	
1	Vertical	Fundamental
Peak		Left blank
Avg		Left blank

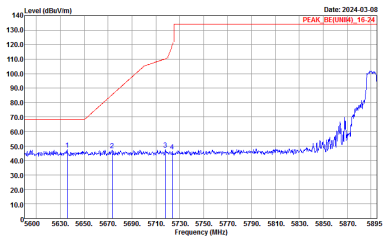
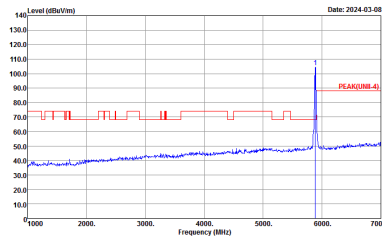
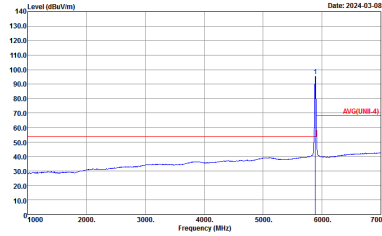


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH177 5885MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : :PEAK_SE(UNIT4)_16-24 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : :PEAK(LINE1-4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg	Left blank	 <p>Site : 03CH15-HY Condition : :AVG(LINE1-4) 3m 91200_02294_230630 HORIZONTAL :RBW:1000.000kHz VBW:0.820kHz SWT:Auto</p>

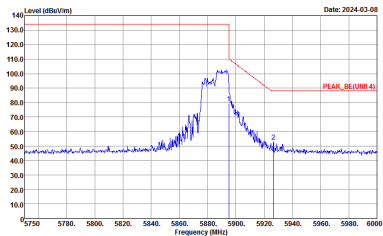
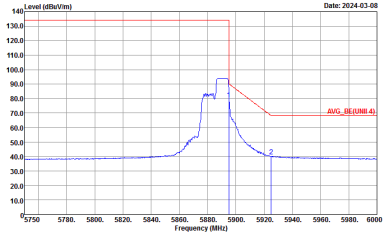


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH177 5885MHz	
1	Horizontal	Fundamental
Peak		Left blank
Avg		Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH177 5885MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2024-03-08 PEAK_REF(MHz): 15.24</p> <p>Site : 03CH15-HY Condition : PEAK_REF(UNIT4)_15-24 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Date: 2024-03-08 PEAK(UNIT4)</p> <p>Site : 03CH15-HY Condition : PEAK(UNIT4)_3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg	Left blank	
		 <p>Date: 2024-03-08 AVG(UNIT4)</p> <p>Site : 03CH15-HY Condition : AVG(UNIT4)_3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto</p>

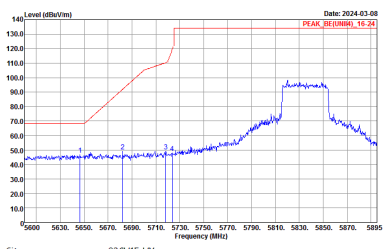
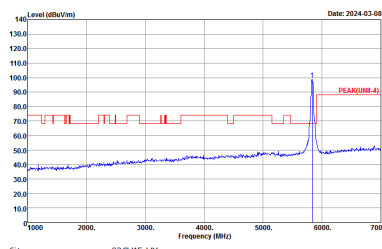
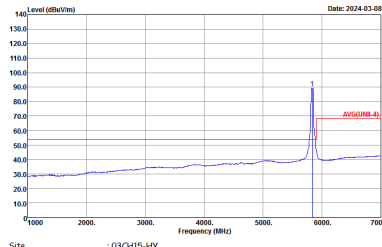


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH177 5885MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWF:Auto</p>	Left blank





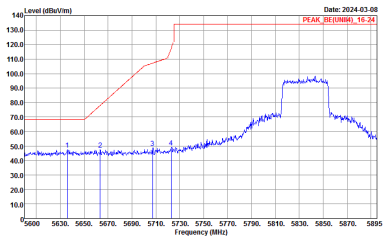
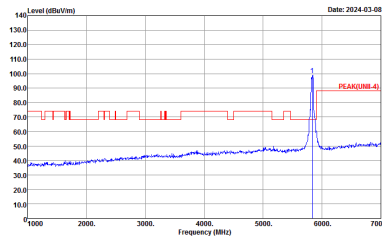
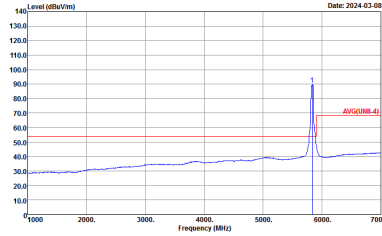
**UNII-4 - 5850~5895MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz - L	
1	Horizontal	Fundamental
<b>Peak</b>	 <p>Site Condition : 03CH15-HY            : PEAK_BE(UNII4)_16-24 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH15-HY            : PEAK(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	Left blank	 <p>Site Condition : 03CH15-HY            : AVG(UNII-4) 3m 9120D_02294_230630 HORIZONTAL            : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

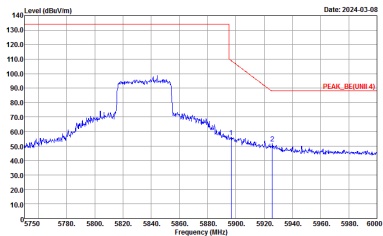
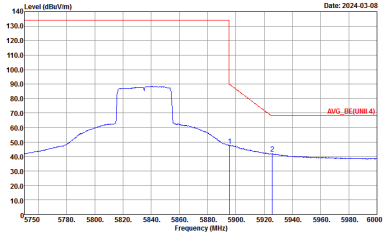


WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWF:Auto</p>	Left blank



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : :PEAK_SE(UNII4)_16-24 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : :PEAK(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	Left blank	 <p>Site : 03CH15-HY Condition : :AVG(UNII-4) 3m 91200_02294_230630 VERTICAL :RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>



WIFI	UNII- 4 5850~5895MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH167 5835MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNII 4) 3m 91200_02294_230630 VERTICAL : RBW:1000.000kHz VBW:10000kHz SWF:Auto</p>	Left blank