



# FCC RADIO TEST REPORT

FCC ID : APYHRO00285  
Equipment : Smart phone  
Brand Name : SHARP  
Applicant : SHARP CORPORATION  
2-13-1, HACHIHONMATSU-IIDA,  
HIGASHI-HIROSHIMA-SHI,  
HIROSHIMA PREFECTURE 739-0192, JAPAN  
Manufacturer : SHARP CORPORATION  
1 Takumi-Cho, Sakai-Ku, Sakai-Shi, Osaka  
590-8522, Japan  
Standard : FCC Part 15 Subpart E §15.407

The product was received on May 04, 2020 and testing was started from May 08, 2020 and completed on May 29, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

*Louis Wu*

Approved by: Louis Wu

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**  
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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### History of this test report

Report No.	Version	Description	Issued Date
FR021246-01D	01	Initial issue of report	Jun. 01, 2020



## Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 3.73 dB at 5459.680 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 11.02 dB at 0.501 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Wii Chang**

**Report Producer: Dara Chiu**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, and GNSS

Product Specification subjective to this standard	
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GPS/Glonass/BDS: PIFA Antenna

## 1.2 Modification of EUT

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



### 1.3 Testing Location

<b>Test Site</b>	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
<b>Test Site Location</b>	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	TH05-HY	CO05-HY

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

<b>Test Site</b>	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
<b>Test Site Location</b>	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	03CH15-HY	

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

FCC designation No.: TW1190 and TW0007

### 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.
- ♦ ANSI C63.10-2013

**Remark:**

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



## 2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

### 2.1 Carrier Frequency and Channel

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

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

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



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

**Note:**

1. The above Frequency and Channel in "\*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "<sup>#</sup>" were 802.11ac VHT80.

## 2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

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

Test Cases	
AC Conducted Emission	Mode 1 : WCDMA Band V Idle + Bluetooth Link + WLAN (5GHz) Link + Camera (Rear) + SD Card + Earphone + USB Cable (Charging from Adapter)





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

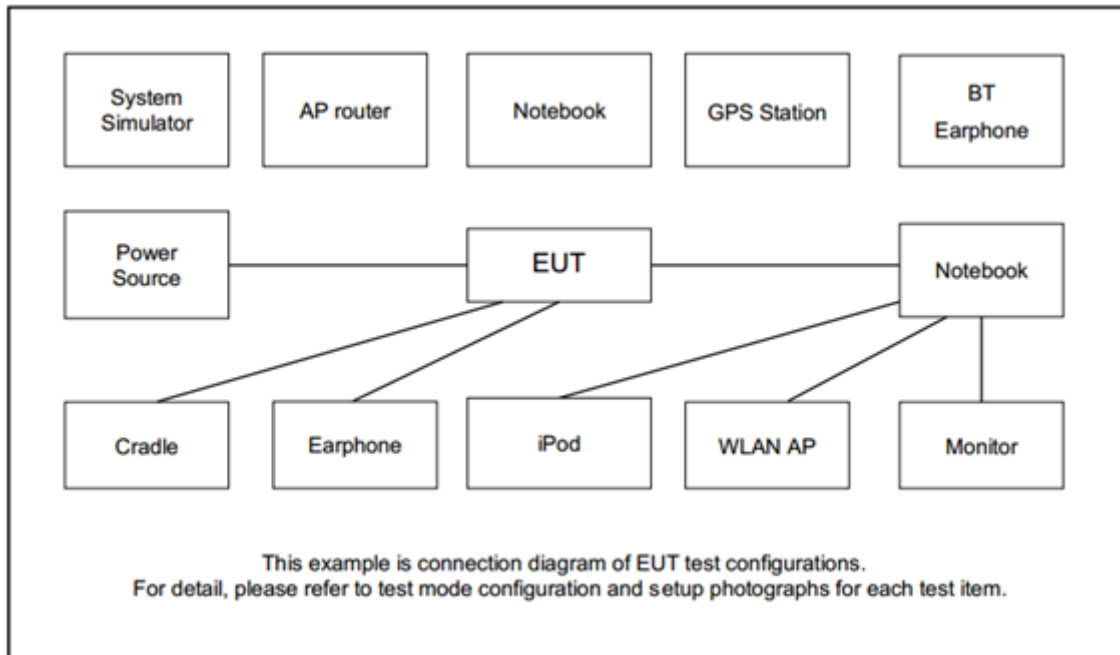
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

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

**Remark:** For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

### 2.3 Connection Diagram of Test System



### 2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
2.	Bluetooth Earphone	SonyEricsson	MW600	PY700A2029	N/A	N/A
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
4.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
6.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0m	N/A
7.	AC Adapter	DVE	DSA-10PFL-05 FUS 050200 a	N/A	N/A	N/A



## 2.5 EUT Operation Test Setup

The RF test items, utility “QRCT v3.0.303.0” 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 10dB attenuator.

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

### 3 Test Result

#### 3.1 26dB & 99% Occupied Bandwidth Measurement

##### 3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

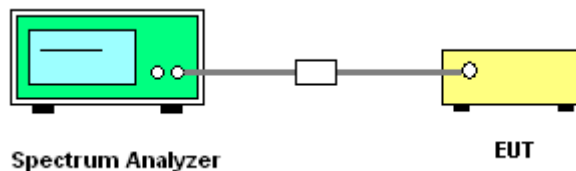
##### 3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

##### 3.1.3 Test Procedures

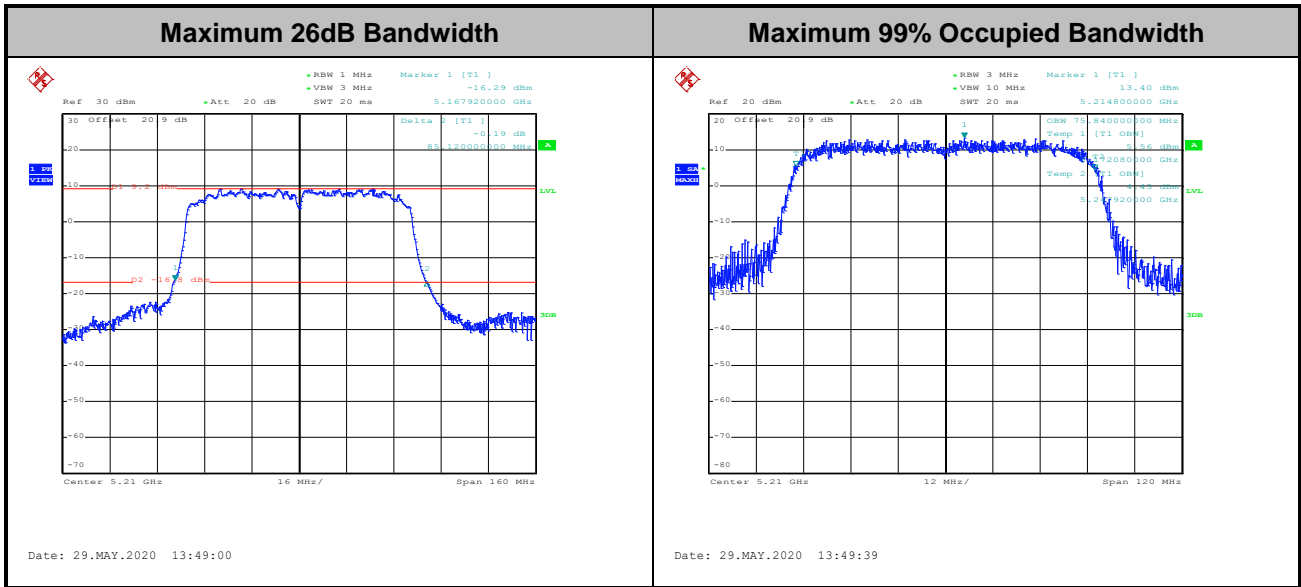
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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



## 3.2 Maximum Conducted Output Power Measurement

### 3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

**For the 5.15–5.25 GHz bands:**

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

**For the 5.25–5.725 GHz bands:**

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

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

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

### 3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

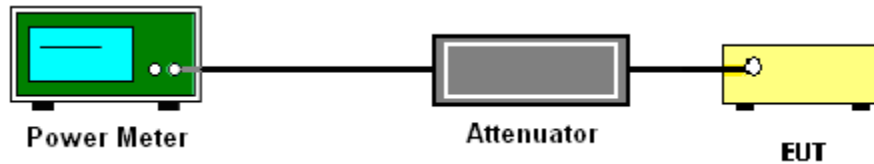
### 3.2.3 Test Procedures

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

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

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

### 3.2.4 Test Setup



### 3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



### 3.3 Power Spectral Density Measurement

#### 3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

**For the 5.15–5.25 GHz bands:**

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

**For the 5.25–5.725 GHz bands:**

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

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

#### 3.3.2 Measuring Instruments

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-3 #**

(power averaging (rms) detection with max hold):

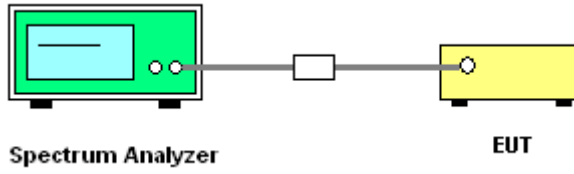
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW  $\geq$  3 MHz
- Number of points in sweep  $\geq$  2 Span / RBW.
- Sweep time  $\leq$  (number of points in sweep)  $\times$  T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
- Detector = power averaging (rms).
- Trace mode = max hold.

Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

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

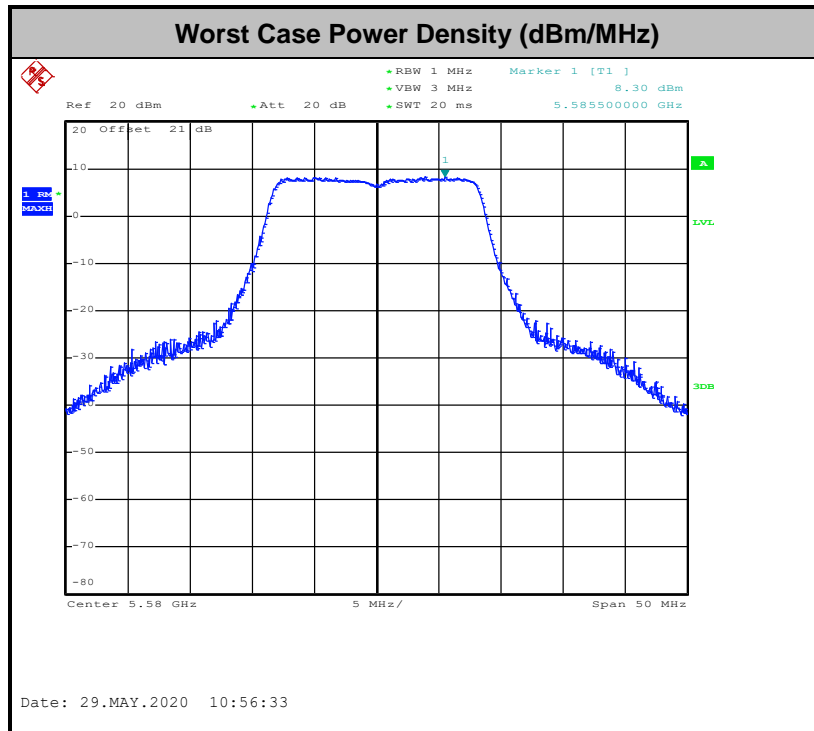


### 3.3.4 Test Setup



### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.





### 3.4 Unwanted Emissions Measurement

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

#### 3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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



- (3) KDB789033 D02 v02r01 G)2)c)
  - (i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of  $-27$  dBm/MHz.
  - (ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

### 3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

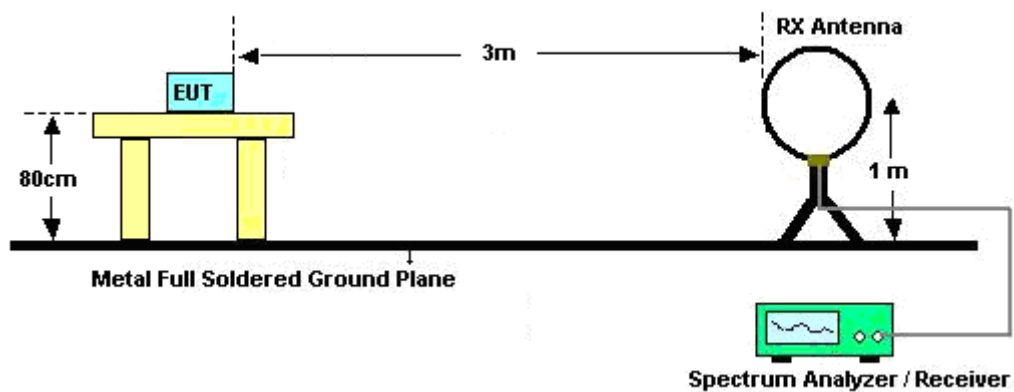
### 3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
  - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
    - RBW = 120 kHz
    - VBW = 300 kHz
    - Detector = Peak
    - Trace mode = max hold
  - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW  $\geq$  3 MHz
    - Detector = Peak
    - Sweep time = auto
    - Trace mode = max hold
  - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
    - RBW = 1 MHz
    - VBW = 10 Hz, when duty cycle is no less than 98 percent.
    - VBW  $\geq$   $1/T$ , when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.

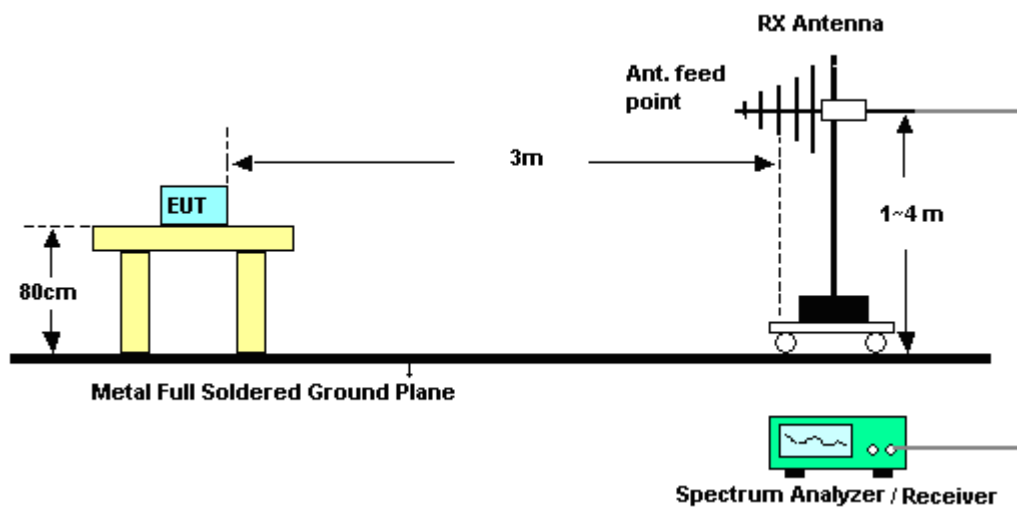
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

### 3.4.4 Test Setup

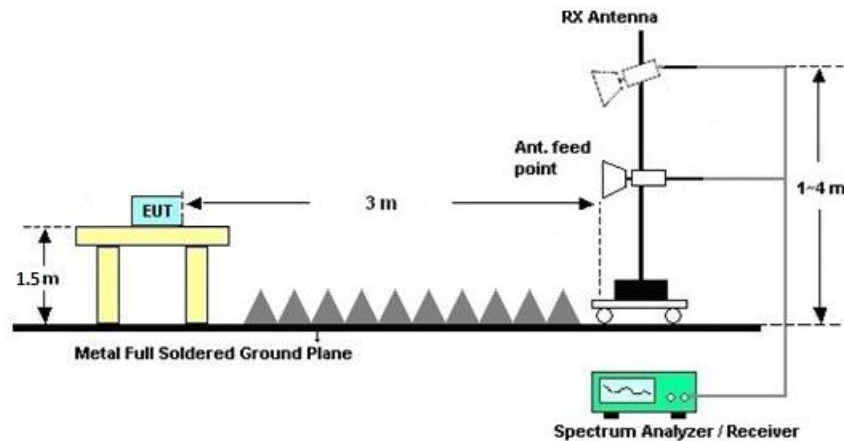
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



### 3.4.5 Test Results of Radiated Spurious 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 a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

### 3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

### 3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



### 3.5 AC Conducted Emission Measurement

#### 3.5.1 Limit of AC Conducted Emission

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

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

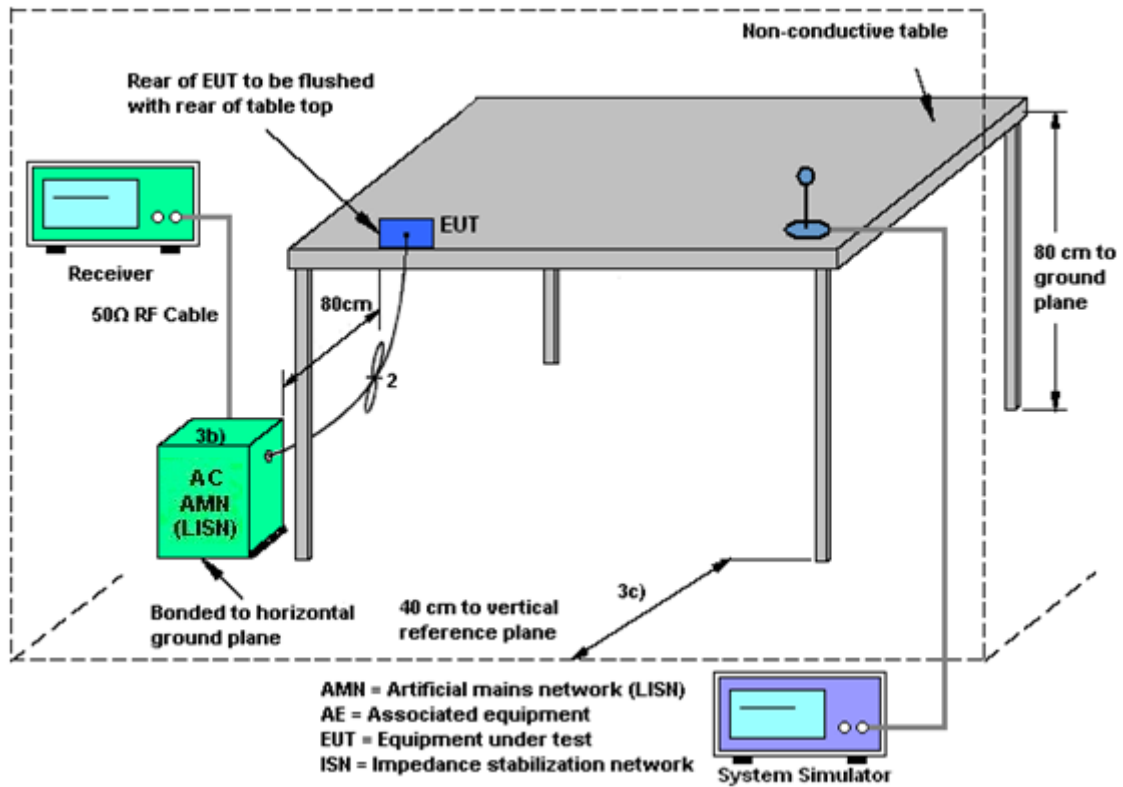
#### 3.5.2 Measuring Instruments

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 should 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 Automatically Discontinue Transmission**

### **3.6.1 Limit of Automatically Discontinue Transmission**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

### **3.6.2 Measuring Instruments**

See list of measuring equipment of this test report.

### **3.6.3 Test Result of Automatically Discontinue Transmission**

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.





## **3.7 Antenna Requirements**

### **3.7.1 Standard Applicable**

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### **3.7.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

### **3.7.3 Antenna Gain**

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



## 4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	May 08, 2020~ May 29, 2020	Jun. 16, 2020	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 36	10MHz~6GHz	Jan. 22, 2020	May 08, 2020~ May 29, 2020	Jan. 21, 2021	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Aug. 14, 2019	May 08, 2020~ May 29, 2020	Aug. 13, 2020	Conducted (TH05-HY)
Switch Control Manframe	Burgeon	ETF-1405-0	EC1900067	N/A	Aug. 15, 2019	May 08, 2020~ May 29, 2020	Aug. 14, 2020	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	May 23, 2020~ May 27, 2020	Jan. 08, 2021	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL6111D&00 800N1D01N-0 6	41912&05	30MHz to 1GHz	Feb. 09, 2020	May 23, 2020~ May 27, 2020	Feb. 08, 2021	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1620	1-18GHz	Jul. 31, 2019	May 23, 2020~ May 27, 2020	Jul. 30, 2020	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917058 4	18GHz- 40GHz	Dec. 10, 2019	May 23, 2020~ May 27, 2020	Dec. 09, 2020	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 27, 2019	May 23, 2020~ May 27, 2020	Dec. 26, 2020	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55006	1GHz~18GHz	May 07, 2020	May 23, 2020~ May 27, 2020	May 06, 2021	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 23, 2019	May 23, 2020~ May 27, 2020	Aug. 22, 2020	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 13, 2019	May 23, 2020~ May 27, 2020	Dec. 12, 2020	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Nov. 01, 2019	May 23, 2020~ May 27, 2020	Oct. 31, 2020	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May 04, 2020	May 23, 2020~ May 27, 2020	May 03, 2021	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	May 23, 2020~ May 27, 2020	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	May 23, 2020~ May 27, 2020	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5 )	RK-000451	N/A	N/A	May 23, 2020~ May 27, 2020	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/4	30M-18G	Apr. 14, 2020	May 23, 2020~ May 27, 2020	Apr. 13, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9838/4PE	30M-18G	Apr. 14, 2020	May 23, 2020~ May 27, 2020	Apr. 13, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY37710/4	30M~18GHz	Apr. 17, 2020	May 23, 2020~ May 27, 2020	Apr. 16, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 25, 2020	May 23, 2020~ May 27, 2020	Feb. 24, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 25, 2020	May 23, 2020~ May 27, 2020	Feb. 24, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN4	1.53G Low Pass	Jul. 04, 2019	May 23, 2020~ May 27, 2020	Jul. 03, 2020	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN6	6.75GHz High Pass Filter	Jul. 02, 2019	May 23, 2020~ May 27, 2020	Jul. 01, 2020	Radiation (03CH15-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 13, 2020~ May 19, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	May 13, 2020~ May 19, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 07, 2019	May 13, 2020~ May 19, 2020	Nov. 06, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	May 13, 2020~ May 19, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 13, 2020~ May 19, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	May 13, 2020~ May 19, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	May 13, 2020~ May 19, 2020	Jan. 01, 2021	Conduction (CO05-HY)



## 5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.3
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### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.0
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### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.4
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### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.0
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**Appendix A. Test Result of Conducted Test Items**

Test Engineer:	Jacob Yu	Temperature:	20.1~22.3	°C
Test Date:	2020/5/8-2020/5/29	Relative Humidity:	45.7~58.8	%

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

Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	17.00	-	23.70	-	-	-	22.30	-	
11a	6Mbps	1	44	5220	17.15	-	26.00	-	-	-	22.34	-	
11a	6Mbps	1	48	5240	17.00	-	24.55	-	-	-	22.30	-	
HT20	MCS0	1	36	5180	18.15	-	33.80	-	-	-	22.59	-	
HT20	MCS0	1	44	5220	18.05	-	25.85	-	-	-	22.56	-	
HT20	MCS0	1	48	5240	18.05	-	24.00	-	-	-	22.56	-	
HT40	MCS0	1	38	5190	36.50	-	46.26	-	-	-	23.01	-	
HT40	MCS0	1	46	5230	36.50	-	44.64	-	-	-	23.01	-	
VHT80	MCS0	1	42	5210	75.84	-	85.12	-	-	-	23.01	-	

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

FCC Band I single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	18.60	-		24.00	-	5.70	-	Pass
11a	6Mbps	1	44	5220	19.00	-		24.00	-	5.70	-	Pass
11a	6Mbps	1	48	5240	18.60	-		24.00	-	5.70	-	Pass
HT20	MCS0	1	36	5180	18.90	-		24.00	-	5.70	-	Pass
HT20	MCS0	1	44	5220	19.00	-		24.00	-	5.70	-	Pass
HT20	MCS0	1	48	5240	18.70	-		24.00	-	5.70	-	Pass
HT40	MCS0	1	38	5190	19.00	-		24.00	-	5.70	-	Pass
HT40	MCS0	1	46	5230	18.90	-		24.00	-	5.70	-	Pass
VHT20	MCS0	1	36	5180	18.80	-		24.00	-	5.70	-	Pass
VHT20	MCS0	1	44	5220	18.90	-		24.00	-	5.70	-	Pass
VHT20	MCS0	1	48	5240	18.50	-		24.00	-	5.70	-	Pass
VHT40	MCS0	1	38	5190	18.90	-		24.00	-	5.70	-	Pass
VHT40	MCS0	1	46	5230	18.80	-		24.00	-	5.70	-	Pass
VHT80	MCS0	1	42	5210	18.40	-		24.00	-	5.70	-	Pass

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

FCC Band I single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	7.33	-		11.00	-	5.70	-	Pass
11a	6Mbps	1	44	5220	7.37	-		11.00	-	5.70	-	Pass
11a	6Mbps	1	48	5240	7.64	-		11.00	-	5.70	-	Pass
HT20	MCS0	1	36	5180	7.90	-		11.00	-	5.70	-	Pass
HT20	MCS0	1	44	5220	6.75	-		11.00	-	5.70	-	Pass
HT20	MCS0	1	48	5240	7.21	-		11.00	-	5.70	-	Pass
HT40	MCS0	1	38	5190	4.78	-		11.00	-	5.70	-	Pass
HT40	MCS0	1	46	5230	4.85	-		11.00	-	5.70	-	Pass
VHT80	MCS0	1	42	5210	1.80	-		11.00	-	5.70	-	Pass



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

Band II single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.95	-	23.65	-	23.29	-	29.29	-	23.98	-	
11a	6Mbps	1	60	5300	16.95	-	24.20	-	23.29	-	29.29	-	23.98	-	
11a	6Mbps	1	64	5320	17.15	-	24.00	-	23.34	-	29.34	-	23.98	-	
HT20	MCS0	1	52	5260	18.05	-	28.00	-	23.56	-	29.56	-	23.98	-	
HT20	MCS0	1	60	5300	18.10	-	26.95	-	23.58	-	29.58	-	23.98	-	
HT20	MCS0	1	64	5320	18.10	-	31.35	-	23.58	-	29.58	-	23.98	-	
HT40	MCS0	1	54	5270	36.50	-	46.89	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.50	-	45.36	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.84	-	84.80	-	23.98	-	30.00	-	23.98	-	

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

FCC Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	18.60	-		23.44	-	6.54	-	26.99	Pass
11a	6Mbps	1	60	5300	19.00	-		23.44	-	6.54	-	26.99	Pass
11a	6Mbps	1	64	5320	18.70	-		23.44	-	6.54	-	26.99	Pass
HT20	MCS0	1	52	5260	18.70	-		23.44	-	6.54	-	26.99	Pass
HT20	MCS0	1	60	5300	19.00	-		23.44	-	6.54	-	26.99	Pass
HT20	MCS0	1	64	5320	18.80	-		23.44	-	6.54	-	26.99	Pass
HT40	MCS0	1	54	5270	19.00	-		23.44	-	6.54	-	26.99	Pass
HT40	MCS0	1	62	5310	19.00	-		23.44	-	6.54	-	26.99	Pass
VHT20	MCS0	1	52	5260	18.60	-		23.44	-	6.54	-	26.99	Pass
VHT20	MCS0	1	60	5300	19.00	-		23.44	-	6.54	-	26.99	Pass
VHT20	MCS0	1	64	5320	18.70	-		23.44	-	6.54	-	26.99	Pass
VHT40	MCS0	1	54	5270	18.90	-		23.44	-	6.54	-	26.99	Pass
VHT40	MCS0	1	62	5310	18.90	-		23.44	-	6.54	-	26.99	Pass
VHT80	MCS0	1	58	5290	18.40	-		23.44	-	6.54	-	26.99	Pass

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

Band II single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	8.00	-		10.46	-	6.54	-	Pass
11a	6Mbps	1	60	5300	7.57	-		10.46	-	6.54	-	Pass
11a	6Mbps	1	64	5320	7.78	-		10.46	-	6.54	-	Pass
HT20	MCS0	1	52	5260	8.17	-		10.46	-	6.54	-	Pass
HT20	MCS0	1	60	5300	7.82	-		10.46	-	6.54	-	Pass
HT20	MCS0	1	64	5320	8.28	-		10.46	-	6.54	-	Pass
HT40	MCS0	1	54	5270	5.17	-		10.46	-	6.54	-	Pass
HT40	MCS0	1	62	5310	4.97	-		10.46	-	6.54	-	Pass
VHT80	MCS0	1	58	5290	1.87	-		10.46	-	6.54	-	Pass

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

Band III single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	17.05	-	25.45	-	23.32	-	29.32	-	23.98	-
11a	6Mbps	1	116	5580	17.00	-	25.90	-	23.30	-	29.30	-	23.98	-
11a	6Mbps	1	140	5700	17.00	-	27.60	-	23.30	-	29.30	-	23.98	-
HT20	MCS0	1	100	5500	18.05	-	31.30	-	23.56	-	29.56	-	23.98	-
HT20	MCS0	1	116	5580	18.05	-	24.05	-	23.56	-	29.56	-	23.98	-
HT20	MCS0	1	140	5700	18.05	-	33.10	-	23.56	-	29.56	-	23.98	-
HT40	MCS0	1	102	5510	36.40	-	45.18	-	23.98	-	30.00	-	23.98	-
HT40	MCS0	1	110	5550	36.60	-	51.48	-	23.98	-	30.00	-	23.98	-
HT40	MCS0	1	134	5670	36.50	-	46.17	-	23.98	-	30.00	-	23.98	-
VHT80	MCS0	1	106	5530	75.84	-	84.16	-	23.98	-	30.00	-	23.98	-
VHT80	MCS0	1	122	5610	75.72	-	84.16	-	23.98	-	30.00	-	23.98	-

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

FCC Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	18.90	-		23.27	-	6.71	-	26.99	Pass
11a	6Mbps	1	116	5580	18.80	-		23.27	-	6.71	-	26.99	Pass
11a	6Mbps	1	140	5700	18.20	-		23.27	-	6.71	-	26.99	Pass
HT20	MCS0	1	100	5500	18.90	-		23.27	-	6.71	-	26.99	Pass
HT20	MCS0	1	116	5580	18.80	-		23.27	-	6.71	-	26.99	Pass
HT20	MCS0	1	140	5700	18.60	-		23.27	-	6.71	-	26.99	Pass
HT40	MCS0	1	102	5510	17.50	-		23.27	-	6.71	-	26.99	Pass
HT40	MCS0	1	110	5550	18.70	-		23.27	-	6.71	-	26.99	Pass
HT40	MCS0	1	134	5670	18.60	-		23.27	-	6.71	-	26.99	Pass
VHT20	MCS0	1	100	5500	18.80	-		23.27	-	6.71	-	26.99	Pass
VHT20	MCS0	1	116	5580	18.70	-		23.27	-	6.71	-	26.99	Pass
VHT20	MCS0	1	140	5700	18.50	-		23.27	-	6.71	-	26.99	Pass
VHT40	MCS0	1	102	5510	17.40	-		23.27	-	6.71	-	26.99	Pass
VHT40	MCS0	1	110	5550	18.60	-		23.27	-	6.71	-	26.99	Pass
VHT40	MCS0	1	134	5670	18.50	-		23.27	-	6.71	-	26.99	Pass
VHT80	MCS0	1	106	5530	17.50	-		23.27	-	6.71	-	26.99	Pass
VHT80	MCS0	1	122	5610	18.70	-		23.27	-	6.71	-	26.99	Pass

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

Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	8.22	-		10.29	-	6.71	-		Pass
11a	6Mbps	1	116	5580	8.30	-		10.29	-	6.71	-		Pass
11a	6Mbps	1	140	5700	7.25	-		10.29	-	6.71	-		Pass
HT20	MCS0	1	100	5500	7.34	-		10.29	-	6.71	-		Pass
HT20	MCS0	1	116	5580	7.26	-		10.29	-	6.71	-		Pass
HT20	MCS0	1	140	5700	6.82	-		10.29	-	6.71	-		Pass
HT40	MCS0	1	102	5510	3.17	-		10.29	-	6.71	-		Pass
HT40	MCS0	1	110	5550	5.36	-		10.29	-	6.71	-		Pass
HT40	MCS0	1	134	5670	4.99	-		10.29	-	6.71	-		Pass
VHT80	MCS0	1	106	5530	0.86	-		10.29	-	6.71	-		Pass
VHT80	MCS0	1	122	5610	2.61	-		10.29	-	6.71	-		Pass



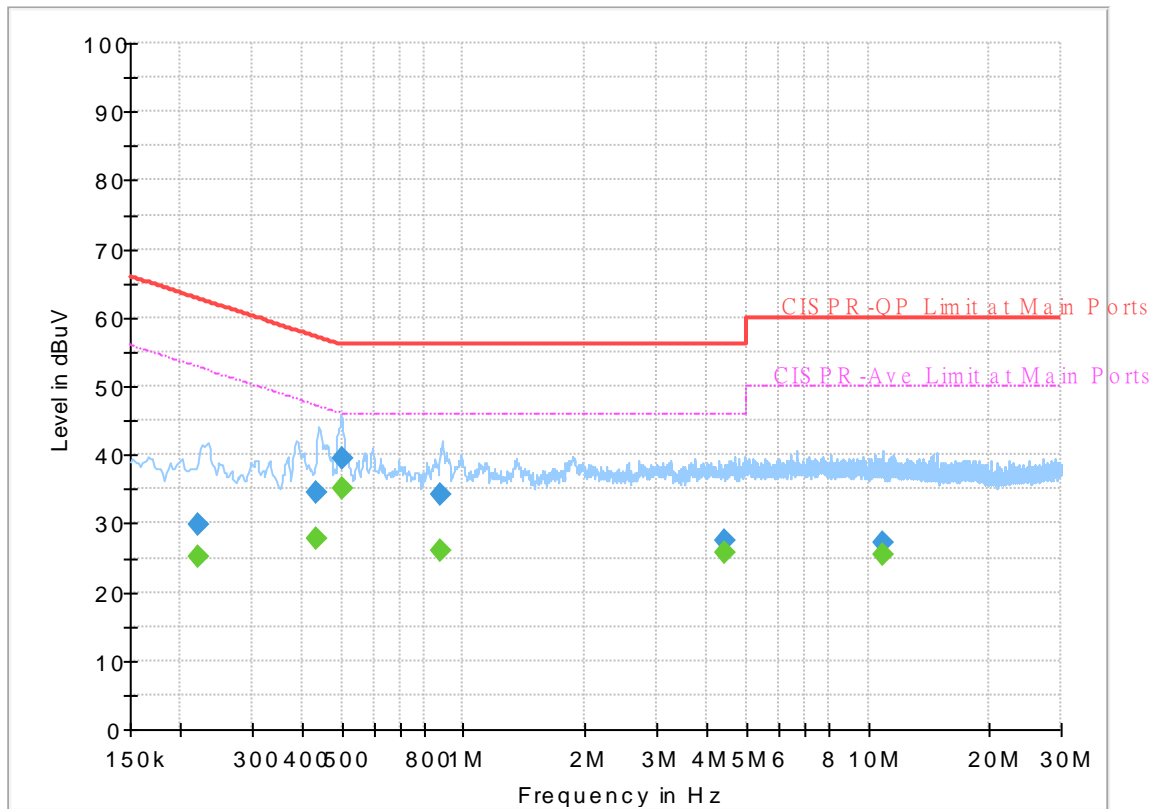
## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	Temperature :	21~26°C
		Relative Humidity :	38~42%

# EUT Information

Report NO : 021246-01  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



## Final Result

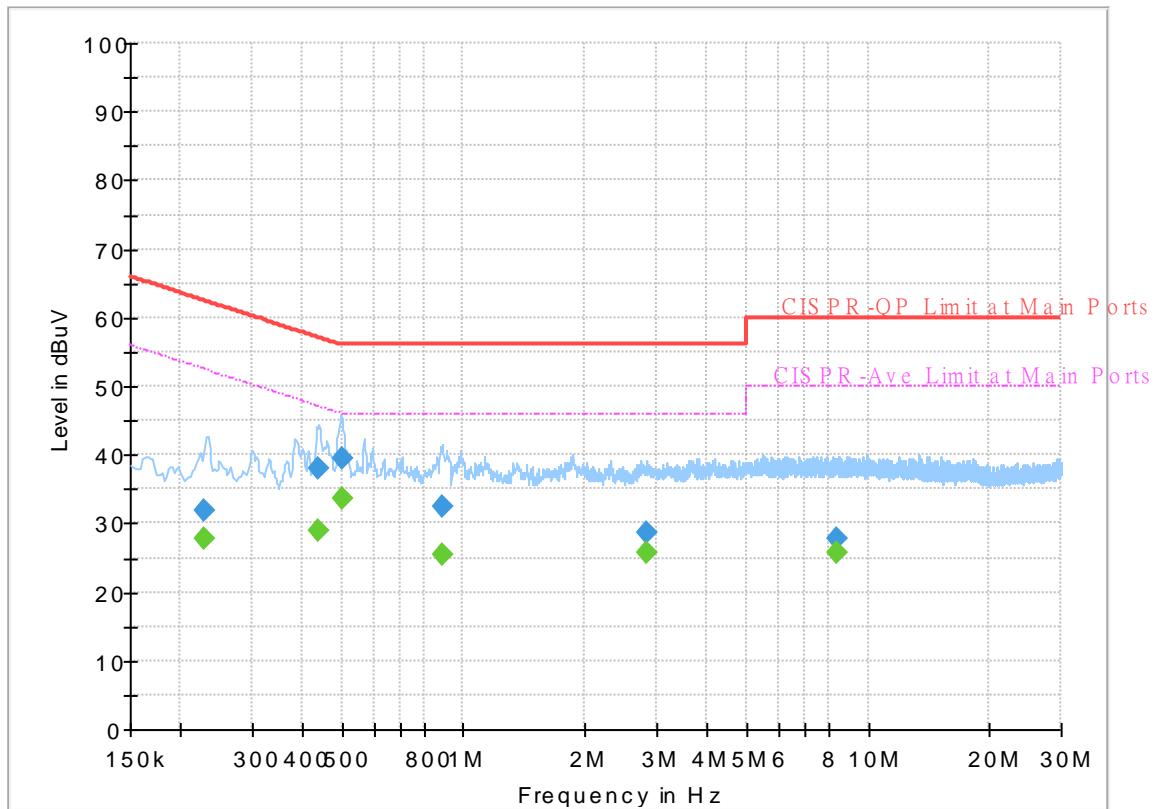
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.222000	---	25.27	52.74	27.47	L1	OFF	19.6
0.222000	29.87	---	62.74	32.87	L1	OFF	19.6
0.433500	---	27.90	47.19	19.29	L1	OFF	19.6
0.433500	34.64	---	57.19	22.55	L1	OFF	19.6
0.501000	---	34.98	46.00	11.02	L1	OFF	19.6
0.501000	39.50	---	56.00	16.50	L1	OFF	19.6
0.880890	---	25.89	46.00	20.11	L1	OFF	19.6
0.880890	34.28	---	56.00	21.72	L1	OFF	19.6
4.447770	---	25.59	46.00	20.41	L1	OFF	19.8
4.447770	27.46	---	56.00	28.54	L1	OFF	19.8
10.916250	---	25.46	50.00	24.54	L1	OFF	20.1
10.916250	27.16	---	60.00	32.84	L1	OFF	20.1



## EUT Information

Report NO : 021246-01  
 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)
0.228750	---	27.84	52.50	24.66	N	OFF	19.6
0.228750	31.98	---	62.50	30.52	N	OFF	19.6
0.435750	---	29.03	47.14	18.11	N	OFF	19.6
0.435750	38.16	---	57.14	18.98	N	OFF	19.6
0.499200	---	33.65	46.01	12.36	N	OFF	19.6
0.499200	39.58	---	56.01	16.43	N	OFF	19.6
0.890250	---	25.43	46.00	20.57	N	OFF	19.6
0.890250	32.41	---	56.00	23.59	N	OFF	19.6
2.845500	---	25.78	46.00	20.22	N	OFF	19.7
2.845500	28.62	---	56.00	27.38	N	OFF	19.7
8.335320	---	25.73	50.00	24.27	N	OFF	20.0
8.335320	27.75	---	60.00	32.25	N	OFF	20.0



### Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature :	24.3~24.7°C
		Relative Humidity :	55~61%

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

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		( MHz )	( dBµV/m )	( dB )	( dBµV/m )	( dBµV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11a CH 36 5180MHz		5148.46	53.4	-20.6	74	41.24	32.1	10.49	30.43	284	318	P	H	
		5127.92	43	-11	54	30.91	32.06	10.46	30.43	284	318	A	H	
	*	5180	103.33	-	-	91.3	31.92	10.54	30.43	284	318	P	H	
	*	5180	94.67	-	-	82.64	31.92	10.54	30.43	284	318	A	H	
													H	
			5059.8	52.14	-21.86	74	40.29	31.92	10.36	30.43	400	54	P	V
			5127.92	41.3	-12.7	54	29.21	32.06	10.46	30.43	400	54	A	V
	*		5180	100.31	-	-	88.28	31.92	10.54	30.43	400	54	P	V
	*		5180	92.46	-	-	80.43	31.92	10.54	30.43	400	54	A	V
														V
802.11a CH 44 5220MHz		5107.12	52.41	-21.59	74	40.4	32.01	10.43	30.43	243	316	P	H	
		5117.26	41.08	-12.92	54	29.03	32.03	10.45	30.43	243	316	A	H	
	*	5220	105.56	-	-	93.73	31.68	10.58	30.43	243	316	P	H	
	*	5220	97.35	-	-	85.52	31.68	10.58	30.43	243	316	A	H	
			5457.48	51.72	-22.28	74	39.68	31.74	10.73	30.43	243	316	P	H
			5457.48	40.96	-13.04	54	28.92	31.74	10.73	30.43	243	316	A	H
			5089.18	52.52	-21.48	74	40.56	31.98	10.41	30.43	400	27	P	V
			5109.72	41.1	-12.9	54	29.07	32.02	10.44	30.43	400	27	A	V
	*		5220	101.81	-	-	89.98	31.68	10.58	30.43	400	27	P	V
	*		5220	93.5	-	-	81.67	31.68	10.58	30.43	400	27	A	V
			5413.52	52.19	-21.81	74	40.24	31.7	10.68	30.43	400	27	P	V
			5459.44	40.96	-13.04	54	28.9	31.76	10.73	30.43	400	27	A	V



<b>802.11a CH 48 5240MHz</b>		5103.22	52.29	-21.71	74	40.28	32.01	10.43	30.43	258	314	P	H
		5107.64	41.1	-12.9	54	29.08	32.02	10.43	30.43	258	314	A	H
	*	5240	104.84	-	-	93.12	31.56	10.59	30.43	258	314	P	H
	*	5240	96.46	-	-	84.74	31.56	10.59	30.43	258	314	A	H
		5439	52.18	-21.82	74	40.2	31.7	10.71	30.43	258	314	P	H
		5458.32	40.89	-13.11	54	28.84	31.75	10.73	30.43	258	314	A	H
		5116.48	52.41	-21.59	74	40.36	32.03	10.45	30.43	397	19	P	V
		5108.16	41.1	-12.9	54	29.08	32.02	10.43	30.43	397	19	A	V
	*	5240	101.26	-	-	89.54	31.56	10.59	30.43	397	19	P	V
	*	5240	92.93	-	-	81.21	31.56	10.59	30.43	397	19	A	V
		5425	52.08	-21.92	74	40.12	31.7	10.69	30.43	397	19	P	V
		5459.44	40.96	-13.04	54	28.9	31.76	10.73	30.43	397	19	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11a CH 36 5180MHz		10360	49.06	-19.14	68.2	55.8	39.9	14.26	60.9	100	0	P	H
		15540	47.5	-26.5	74	54.92	38	17.29	62.71	100	0	P	H
													H
													H
		10360	48.43	-19.77	68.2	55.17	39.9	14.26	60.9	100	0	P	V
		15540	47.27	-26.73	74	54.69	38	17.29	62.71	100	0	P	V
													V
802.11a CH 44 5220MHz		10440	48.39	-19.81	68.2	55.01	40.1	14.3	61.02	100	0	P	H
		15660	47.27	-26.73	74	54.43	37.58	17.39	62.13	100	0	P	H
													H
													H
		10440	49.5	-18.7	68.2	56.12	40.1	14.3	61.02	100	0	P	V
		15660	46.54	-27.46	74	53.7	37.58	17.39	62.13	100	0	P	V
													V
802.11a CH 48 5240MHz		10480	48.78	-19.42	68.2	55.44	40.1	14.31	61.07	100	0	P	H
		15720	47.33	-26.67	74	54.29	37.46	17.42	61.84	100	0	P	H
													H
													H
		10480	48.76	-19.44	68.2	55.42	40.1	14.31	61.07	100	0	P	V
		15720	46.73	-27.27	74	53.69	37.46	17.42	61.84	100	0	P	V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 36 5180MHz		5128.44	52.71	-21.29	74	40.62	32.06	10.46	30.43	233	318	P	H	
		5128.44	43.45	-10.55	54	31.36	32.06	10.46	30.43	233	318	A	H	
	*	5180	103.67	-	-	91.64	31.92	10.54	30.43	233	318	P	H	
	*	5180	95.06	-	-	83.03	31.92	10.54	30.43	233	318	A	H	
													H	
														H
			5104	52.69	-21.31	74	40.68	32.01	10.43	30.43	400	53	P	V
			5128.7	41.37	-12.63	54	29.28	32.06	10.46	30.43	400	53	A	V
		*	5180	100.28	-	-	88.25	31.92	10.54	30.43	400	53	P	V
		*	5180	92.28	-	-	80.25	31.92	10.54	30.43	400	53	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5075.92	51.99	-22.01	74	40.08	31.95	10.39	30.43	217	328	P	H	
		5132.34	41.09	-12.91	54	28.99	32.06	10.47	30.43	217	328	A	H	
		* 5220	105.47	-	-	93.64	31.68	10.58	30.43	217	328	P	H	
		* 5220	97.41	-	-	85.58	31.68	10.58	30.43	217	328	A	H	
			5448.8	51.91	-22.09	74	39.92	31.7	10.72	30.43	217	328	P	H
			5459.16	40.99	-13.01	54	28.94	31.75	10.73	30.43	217	328	A	H
			5121.42	52.22	-21.78	74	40.16	32.04	10.45	30.43	397	20	P	V
			5108.42	41.12	-12.88	54	29.1	32.02	10.43	30.43	397	20	A	V
		*	5220	102.37	-	-	90.54	31.68	10.58	30.43	397	20	P	V
		*	5220	93.7	-	-	81.87	31.68	10.58	30.43	397	20	A	V
		5425.28	52.62	-21.38	74	40.66	31.7	10.69	30.43	397	20	P	V	
		5459.44	40.99	-13.01	54	28.93	31.76	10.73	30.43	397	20	A	V	



<b>802.11n</b>  <b>HT20</b>  <b>CH 48</b>  <b>5240MHz</b>		5109.2	52.74	-21.26	74	40.72	32.02	10.43	30.43	203	328	P	H
		5111.8	41.07	-12.93	54	29.04	32.02	10.44	30.43	203	328	A	H
	*	5240	105.13	-	-	93.41	31.56	10.59	30.43	203	328	P	H
	*	5240	96.21	-	-	84.49	31.56	10.59	30.43	203	328	A	H
		5373.76	52.69	-21.31	74	40.93	31.54	10.65	30.43	203	328	P	H
		5458.88	41.01	-12.99	54	28.96	31.75	10.73	30.43	203	328	A	H
		5125.84	52.25	-21.75	74	40.17	32.05	10.46	30.43	397	20	P	V
		5110.76	41.09	-12.91	54	29.06	32.02	10.44	30.43	397	20	A	V
	*	5240	100.69	-	-	88.97	31.56	10.59	30.43	397	20	P	V
	*	5240	92.46	-	-	80.74	31.56	10.59	30.43	397	20	A	V
		5457.2	51.82	-22.18	74	39.78	31.74	10.73	30.43	397	20	P	V
		5459.44	40.94	-13.06	54	28.88	31.76	10.73	30.43	397	20	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 36 5180MHz		10360	48.27	-19.93	68.2	55.01	39.9	14.26	60.9	100	0	P	H
		15540	46.55	-27.45	74	53.97	38	17.29	62.71	100	0	P	H
													H
													H
		10360	47.94	-20.26	68.2	54.68	39.9	14.26	60.9	100	0	P	V
		15540	46.79	-27.21	74	54.21	38	17.29	62.71	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	48.53	-19.67	68.2	55.15	40.1	14.3	61.02	100	0	P	H
		15660	46.91	-27.09	74	54.07	37.58	17.39	62.13	100	0	P	H
													H
													H
		10440	48.62	-19.58	68.2	55.24	40.1	14.3	61.02	100	0	P	V
		15660	46.8	-27.2	74	53.96	37.58	17.39	62.13	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10480	48.88	-19.32	68.2	55.54	40.1	14.31	61.07	100	0	P	H
		15720	46.87	-27.13	74	53.83	37.46	17.42	61.84	100	0	P	H
													H
													H
		10480	48.72	-19.48	68.2	55.38	40.1	14.31	61.07	100	0	P	V
		15720	47.62	-26.38	74	54.58	37.46	17.42	61.84	100	0	P	V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 38 5190MHz		5146.38	62.17	-11.83	74	50.02	32.09	10.49	30.43	170	330	P	H
		5150	49.45	-4.55	54	37.29	32.1	10.49	30.43	170	330	A	H
	*	5190	103.33	-	-	91.35	31.86	10.55	30.43	170	330	P	H
	*	5190	94.22	-	-	82.24	31.86	10.55	30.43	170	330	A	H
		5409.6	52.28	-21.72	74	40.34	31.7	10.67	30.43	170	330	P	H
		5431.44	40.97	-13.03	54	29	31.7	10.7	30.43	170	330	P	H
		5149.24	58.95	-15.05	74	46.79	32.1	10.49	30.43	213	42	P	V
		5150	47.12	-6.88	54	34.96	32.1	10.49	30.43	213	42	A	V
	*	5190	100.01	-	-	88.03	31.86	10.55	30.43	213	42	P	V
	*	5190	90.64	-	-	78.66	31.86	10.55	30.43	213	42	A	V
		5424.44	51.67	-22.33	74	39.71	31.7	10.69	30.43	213	42	P	V
		5459.44	41.01	-12.99	54	28.95	31.76	10.73	30.43	213	42	A	V
802.11n HT40 CH 46 5230MHz		5011.96	52.58	-21.42	74	40.97	31.75	10.29	30.43	150	334	P	H
		5127.4	42	-12	54	29.92	32.05	10.46	30.43	150	334	A	H
	*	5230	103.06	-	-	91.29	31.62	10.58	30.43	150	334	P	H
	*	5230	94.63	-	-	82.86	31.62	10.58	30.43	150	334	A	H
		5373.2	51.58	-22.42	74	39.82	31.54	10.65	30.43	150	334	P	H
		5460	41	-13	54	28.94	31.76	10.73	30.43	150	334	A	H
		5055.38	51.94	-22.06	74	40.1	31.91	10.36	30.43	200	43	P	V
		5127.4	41.51	-12.49	54	29.43	32.05	10.46	30.43	200	43	A	V
	*	5230	100.52	-	-	88.75	31.62	10.58	30.43	200	43	P	V
	*	5230	90.55	-	-	78.78	31.62	10.58	30.43	200	43	A	V
	5368.44	51.54	-22.46	74	39.81	31.51	10.65	30.43	200	43	P	V	
	5458.88	41	-13	54	28.95	31.75	10.73	30.43	200	43	A	V	

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





**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 38 5190MHz		10380	47.82	-20.38	68.2	54.48	40	14.27	60.93	100	0	P	H
		15570	48.16	-25.84	74	55.55	37.85	17.32	62.56	100	0	P	H
													H
													H
		10380	48.42	-19.78	68.2	55.08	40	14.27	60.93	100	0	P	V
		15570	47.21	-26.79	74	54.6	37.85	17.32	62.56	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	49.05	-19.15	68.2	55.69	40.1	14.3	61.04	100	0	P	H
		15690	46.98	-27.02	74	54.04	37.52	17.41	61.99	100	0	P	H
													H
													H
		10460	48.39	-19.81	68.2	55.03	40.1	14.3	61.04	100	0	P	V
		15690	48.45	-25.55	74	55.51	37.52	17.41	61.99	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
<b>802.11ac VHT80 CH 42 5210MHz</b>		5140.14	56.61	-17.39	74	44.48	32.08	10.48	30.43	297	308	P	H
		5149.5	49.74	-4.26	54	37.58	32.1	10.49	30.43	297	308	A	H
	*	5210	96.59	-	-	84.71	31.74	10.57	30.43	297	308	P	H
	*	5210	89.7	-	-	77.82	31.74	10.57	30.43	297	308	A	H
		5392.8	51.63	-22.37	74	39.74	31.66	10.66	30.43	297	308	P	H
		5425.84	44.09	-9.91	54	32.13	31.7	10.69	30.43	297	308	A	H
		5150.02	55.47	-94.53	150	43.31	32.1	10.49	30.43	251	164	P	V
		5149.5	48.9	-5.1	54	36.74	32.1	10.49	30.43	251	164	A	V
	*	5210	94.92	-	-	83.04	31.74	10.57	30.43	251	164	P	V
	*	5210	87.67	-	-	75.79	31.74	10.57	30.43	251	164	A	V
		5403.44	51.55	-22.45	74	39.61	31.7	10.67	30.43	251	164	P	V
	5436.76	44.05	-9.95	54	32.08	31.7	10.7	30.43	251	164	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT80 CH 42 5210MHz		10420	48.21	-19.99	68.2	54.82	40.1	14.28	60.99	100	0	P	H	
		15630	48.31	-25.69	74	55.59	37.64	17.36	62.28	100	0	P	H	
													H	
													H	
			10420	48.17	-20.03	68.2	54.78	40.1	14.28	60.99	100	0	P	V
			15630	47.55	-26.45	74	54.83	37.64	17.36	62.28	100	0	P	V
														V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 52 5260MHz		5123.76	51.93	-22.07	74	39.85	32.05	10.46	30.43	253	316	P	H
		5109.14	41.08	-12.92	54	29.06	32.02	10.43	30.43	253	316	A	H
	*	5260	105.48	-	-	93.83	31.48	10.6	30.43	253	316	P	H
	*	5260	97.05	-	-	85.4	31.48	10.6	30.43	253	316	A	H
		5388	51.85	-22.15	74	39.99	31.63	10.66	30.43	253	316	P	H
		5459.04	41.03	-12.97	54	28.98	31.75	10.73	30.43	253	316	A	H
		5085.68	51.51	-22.49	74	39.57	31.97	10.4	30.43	350	40	P	V
		5109.48	41.08	-12.92	54	29.06	32.02	10.43	30.43	350	40	A	V
	*	5260	101.39	-	-	89.74	31.48	10.6	30.43	350	40	P	V
	*	5260	93.19	-	-	81.54	31.48	10.6	30.43	350	40	A	V
		5402.64	51.35	-22.65	74	39.42	31.7	10.66	30.43	350	40	P	V
		5458.08	40.92	-13.08	54	28.87	31.75	10.73	30.43	350	40	A	V
802.11a CH 60 5300MHz		5048.62	51.54	-22.46	74	39.73	31.89	10.35	30.43	235	311	P	H
		5107.78	41.08	-12.92	54	29.06	32.02	10.43	30.43	235	311	A	H
	*	5300	106.26	-	-	94.68	31.4	10.61	30.43	235	311	P	H
	*	5300	98.5	-	-	86.92	31.4	10.61	30.43	235	311	A	H
		5352.48	54.32	-19.68	74	42.7	31.41	10.64	30.43	235	311	P	H
		5352.24	45.91	-8.09	54	34.29	31.41	10.64	30.43	235	311	A	H
		5084.32	51.65	-22.35	74	39.71	31.97	10.4	30.43	385	34	P	V
		5105.74	41.07	-12.93	54	29.06	32.01	10.43	30.43	385	34	A	V
	*	5300	102.61	-	-	91.03	31.4	10.61	30.43	385	34	P	V
	*	5300	94.31	-	-	82.73	31.4	10.61	30.43	385	34	A	V
		5441.76	52.77	-21.23	74	40.79	31.7	10.71	30.43	385	34	P	V
		5352.24	42.27	-11.73	54	30.65	31.41	10.64	30.43	385	34	A	V



<b>802.11a</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	105.9	-	-	94.31	31.4	10.62	30.43	249	311	P	H
	*	5320	97.88	-	-	86.29	31.4	10.62	30.43	249	311	A	H
		5372.48	54.2	-19.8	74	42.45	31.53	10.65	30.43	249	311	P	H
		5372.32	45.06	-8.94	54	33.31	31.53	10.65	30.43	249	311	A	H
													H
													H
	*	5320	101.3	-	-	89.71	31.4	10.62	30.43	364	33	P	V
	*	5320	93.12	-	-	81.53	31.4	10.62	30.43	364	33	A	V
		5389.6	52.11	-21.89	74	40.24	31.64	10.66	30.43	364	33	P	V
		5372.32	42.02	-11.98	54	30.27	31.53	10.65	30.43	364	33	A	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11a CH 52 5260MHz		10520	48.28	-19.92	68.2	54.96	40.12	14.3	61.1	100	0	P	H
		15780	46.88	-27.12	74	53.65	37.34	17.45	61.56	100	0	P	H
													H
													H
		10520	47.9	-20.3	68.2	54.58	40.12	14.3	61.1	100	0	P	V
		15780	46.77	-27.23	74	53.54	37.34	17.45	61.56	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	49.2	-24.8	74	55.82	40.2	14.28	61.1	100	0	P	H
		15900	47.1	-26.9	74	53.76	36.8	17.52	60.98	100	0	P	H
													H
													H
		10600	48.59	-25.41	74	55.21	40.2	14.28	61.1	100	0	P	V
		15900	45.68	-28.32	74	52.34	36.8	17.52	60.98	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	49.6	-24.4	74	56.28	40.16	14.26	61.1	100	0	P	H
		15960	46.44	-27.56	74	52.76	36.92	17.45	60.69	100	0	P	H
													H
													H
		10640	49.05	-24.95	74	55.73	40.16	14.26	61.1	100	0	P	V
		15960	45.85	-28.15	74	52.17	36.92	17.45	60.69	100	0	P	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 52 5260MHz		5139.06	51.98	-22.02	74	39.85	32.08	10.48	30.43	252	316	P	H
		5111.18	41.09	-12.91	54	29.06	32.02	10.44	30.43	252	316	A	H
	*	5260	105	-	-	93.35	31.48	10.6	30.43	252	316	P	H
	*	5260	96.68	-	-	85.03	31.48	10.6	30.43	252	316	A	H
		5351.04	52.7	-21.3	74	41.08	31.41	10.64	30.43	252	316	P	H
		5459.76	41	-13	54	28.94	31.76	10.73	30.43	252	316	A	H
		5148.58	52.13	-21.87	74	39.97	32.1	10.49	30.43	371	42	P	V
		5108.8	41.09	-12.91	54	29.07	32.02	10.43	30.43	371	42	A	V
	*	5260	101.16	-	-	89.51	31.48	10.6	30.43	371	42	P	V
	*	5260	93	-	-	81.35	31.48	10.6	30.43	371	42	A	V
		5423.52	51.37	-22.63	74	39.41	31.7	10.69	30.43	371	42	P	V
		5459.28	40.96	-13.04	54	28.9	31.76	10.73	30.43	371	42	A	V
802.11n HT20 CH 60 5300MHz		5076.16	52.15	-21.85	74	40.24	31.95	10.39	30.43	260	300	P	H
		5108.46	41.1	-12.9	54	29.08	32.02	10.43	30.43	260	300	A	H
	*	5300	106.53	-	-	94.95	31.4	10.61	30.43	260	300	P	H
	*	5300	98.45	-	-	86.87	31.4	10.61	30.43	260	300	A	H
		5351.76	54.9	-19.1	74	43.28	31.41	10.64	30.43	260	300	P	H
		5351.76	46.16	-7.84	54	34.54	31.41	10.64	30.43	260	300	A	H
		5048.62	51.8	-22.2	74	39.99	31.89	10.35	30.43	330	41	P	V
		5106.76	41.1	-12.9	54	29.09	32.01	10.43	30.43	330	41	A	V
	*	5300	102.2	-	-	90.62	31.4	10.61	30.43	330	41	P	V
	*	5300	93.93	-	-	82.35	31.4	10.61	30.43	330	41	A	V
	5351.52	52.53	-21.47	74	40.91	31.41	10.64	30.43	330	41	P	V	
	5351.76	42.91	-11.09	54	31.29	31.41	10.64	30.43	330	41	A	V	



<b>802.11n</b> <b>HT20</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	105.49	-	-	93.9	31.4	10.62	30.43	248	312	P	H
	*	5320	97.51	-	-	85.92	31.4	10.62	30.43	248	312	A	H
		5350.56	54.01	-19.99	74	42.4	31.4	10.64	30.43	248	312	P	H
		5371.68	45.58	-8.42	54	33.83	31.53	10.65	30.43	248	312	A	H
													H
													H
	*	5320	101.43	-	-	89.84	31.4	10.62	30.43	383	33	P	V
	*	5320	92.98	-	-	81.39	31.4	10.62	30.43	383	33	A	V
		5372.32	51.91	-22.09	74	40.16	31.53	10.65	30.43	383	33	P	V
		5371.68	41.94	-12.06	54	30.19	31.53	10.65	30.43	383	33	A	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





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

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 52 5260MHz		10520	47.59	-20.61	68.2	54.27	40.12	14.3	61.1	100	0	P	H
		15780	46.68	-27.32	74	53.45	37.34	17.45	61.56	100	0	P	H
													H
													H
		10520	47.88	-20.32	68.2	54.56	40.12	14.3	61.1	100	0	P	V
		15780	46.78	-27.22	74	53.55	37.34	17.45	61.56	100	0	P	V
													V
802.11n HT20 CH 60 5300MHz		10600	49.95	-24.05	74	56.57	40.2	14.28	61.1	100	0	P	H
		15900	46.65	-27.35	74	53.31	36.8	17.52	60.98	100	0	P	H
													H
													H
		10600	48.13	-25.87	74	54.75	40.2	14.28	61.1	100	0	P	V
		15900	46.61	-27.39	74	53.27	36.8	17.52	60.98	100	0	P	V
													V
802.11n HT20 CH 64 5320MHz		10640	49.32	-24.68	74	56	40.16	14.26	61.1	100	0	P	H
		15960	46.47	-27.53	74	52.79	36.92	17.45	60.69	100	0	P	H
													H
													H
		10640	48.83	-25.17	74	55.51	40.16	14.26	61.1	100	0	P	V
		15960	46.19	-27.81	74	52.51	36.92	17.45	60.69	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 54 5270MHz		5103.7	51.35	-22.65	74	39.34	32.01	10.43	30.43	265	302	P	H
		5135.32	41.1	-12.9	54	28.99	32.07	10.47	30.43	265	302	A	H
	*	5270	103.68	-	-	92.05	31.46	10.6	30.43	265	302	P	H
	*	5270	95.1	-	-	83.47	31.46	10.6	30.43	265	302	A	H
		5453.04	52.89	-21.11	74	40.88	31.72	10.72	30.43	265	302	P	H
		5372.4	42.81	-11.19	54	31.06	31.53	10.65	30.43	265	302	A	H
		5066.98	51.79	-22.21	74	39.92	31.93	10.37	30.43	367	40	P	V
		5107.1	41.08	-12.92	54	29.07	32.01	10.43	30.43	367	40	A	V
	*	5270	98.38	-	-	86.75	31.46	10.6	30.43	367	40	P	V
	*	5270	90.8	-	-	79.17	31.46	10.6	30.43	367	40	A	V
		5422.32	51.89	-22.11	74	39.93	31.7	10.69	30.43	367	40	P	V
		5372.64	41.06	-12.94	54	29.3	31.54	10.65	30.43	367	40	A	V
802.11n HT40 CH 62 5310MHz		5121.38	52.09	-21.91	74	40.03	32.04	10.45	30.43	247	312	P	H
		5114.58	41.08	-12.92	54	29.04	32.03	10.44	30.43	247	312	A	H
	*	5310	103.51	-	-	91.92	31.4	10.62	30.43	247	312	P	H
	*	5310	95.43	-	-	83.84	31.4	10.62	30.43	247	312	A	H
		5350.08	63.62	-10.38	74	52.01	31.4	10.64	30.43	247	312	P	H
		5350.08	47.13	-6.87	54	35.52	31.4	10.64	30.43	247	312	A	H
		5139.74	53.07	-20.93	74	40.94	32.08	10.48	30.43	386	32	P	V
		5108.46	41.12	-12.88	54	29.1	32.02	10.43	30.43	386	32	A	V
	*	5310	99.09	-	-	87.5	31.4	10.62	30.43	386	32	P	V
	*	5310	91.99	-	-	80.4	31.4	10.62	30.43	386	32	A	V
	5350.32	59.2	-14.8	74	47.59	31.4	10.64	30.43	386	32	P	V	
	5350.08	43.01	-10.99	54	31.4	31.4	10.64	30.43	386	32	A	V	

<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.
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**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 54 5270MHz		10540	48.1	-20.1	68.2	54.76	40.14	14.3	61.1	100	0	P	H
		15810	47.13	-26.87	74	53.82	37.25	17.47	61.41	100	0	P	H
													H
													H
		10540	48.05	-20.15	68.2	54.71	40.14	14.3	61.1	100	0	P	V
		15810	46.6	-27.4	74	53.29	37.25	17.47	61.41	100	0	P	V
													V
802.11n HT40 CH 62 5310MHz		10620	48.99	-25.01	74	55.64	40.18	14.27	61.1	100	0	P	H
		15930	46.57	-27.43	74	53.06	36.86	17.49	60.84	100	0	P	H
													H
													H
		10620	48.71	-25.29	74	55.36	40.18	14.27	61.1	100	0	P	V
		15930	45.87	-28.13	74	52.36	36.86	17.49	60.84	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5118.32	52.04	-21.96	74	39.98	32.04	10.45	30.43	210	307	P	H
		5114.92	44.35	-9.65	54	32.31	32.03	10.44	30.43	210	307	A	H
	*	5290	98.57	-	-	86.97	31.42	10.61	30.43	210	307	P	H
	*	5290	91.47	-	-	79.87	31.42	10.61	30.43	210	307	A	H
		5368.32	60.22	-13.78	74	48.49	31.51	10.65	30.43	210	307	P	H
		5356.32	49.34	-4.66	54	37.69	31.44	10.64	30.43	210	307	A	H
		5082.96	51.5	-22.5	74	39.56	31.97	10.4	30.43	164	348	P	V
		5110.84	44.55	-9.45	54	32.52	32.02	10.44	30.43	164	348	A	V
	*	5290	95.57	-	-	83.97	31.42	10.61	30.43	164	348	P	V
	*	5290	88.4	-	-	76.8	31.42	10.61	30.43	164	348	A	V
		5368.08	55.87	-18.13	74	44.14	31.51	10.65	30.43	164	348	P	V
	5350.8	46.07	-7.93	54	34.46	31.4	10.64	30.43	164	348	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz  
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
<b>802.11ac VHT80 CH 58 5290MHz</b>		10580	49.27	-18.93	68.2	55.9	40.18	14.29	61.1	100	0	P	H	
		15870	47.52	-26.48	74	54.18	36.95	17.51	61.12	100	0	P	H	
													H	
													H	
			10580	47.76	-20.44	68.2	54.39	40.18	14.29	61.1	100	0	P	V
			15870	46.86	-27.14	74	53.52	36.95	17.51	61.12	100	0	P	V
														V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11a CH 100 5500MHz		5447.76	54.61	-19.39	74	42.62	31.7	10.72	30.43	196	307	P	H	
		5469.2	63.59	-4.61	68.2	51.46	31.82	10.74	30.43	196	307	P	H	
		5447.92	46.21	-7.79	54	34.22	31.7	10.72	30.43	196	307	A	H	
	*	5500	109.79	-	-	97.44	32	10.78	30.43	196	307	P	H	
	*	5500	100.57	-	-	88.22	32	10.78	30.43	196	307	A	H	
														H
			5447.44	53.58	-20.42	74	41.59	31.7	10.72	30.43	251	72	P	V
			5469.2	57.66	-10.54	68.2	45.53	31.82	10.74	30.43	251	72	P	V
			5447.92	44.46	-9.54	54	32.47	31.7	10.72	30.43	251	72	A	V
	*		5500	106.68	-	-	94.33	32	10.78	30.43	251	72	P	V
	*		5500	97.81	-	-	85.46	32	10.78	30.43	251	72	A	V
														V
802.11a CH 116 5580MHz		5455.6	52.17	-21.83	74	40.14	31.73	10.73	30.43	224	312	P	H	
		5468.32	53.14	-15.06	68.2	41.02	31.81	10.74	30.43	224	312	P	H	
		5458	41.23	-12.77	54	29.18	31.75	10.73	30.43	224	312	A	H	
	*	5580	109.82	-	-	97.57	31.86	10.87	30.48	224	312	P	H	
	*	5580	101.12	-	-	88.87	31.86	10.87	30.48	224	312	A	H	
			5754.92	51.39	-16.81	68.2	39.1	32.02	10.86	30.59	224	312	P	H
			5350.96	52.07	-21.93	74	40.45	31.41	10.64	30.43	149	50	P	V
			5466.64	51.73	-16.47	68.2	39.62	31.8	10.74	30.43	149	50	P	V
			5458	41.12	-12.88	54	29.07	31.75	10.73	30.43	149	50	A	V
	*		5580	105	-	-	92.75	31.86	10.87	30.48	149	50	P	V
	*		5580	96.58	-	-	84.33	31.86	10.87	30.48	149	50	A	V
			5726.57	51.96	-16.24	68.2	39.66	32	10.87	30.57	149	50	P	V



<b>802.11a</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	108.07	-	-	95.75	32	10.87	30.55	213	300	P	H
	*	5700	99.29	-	-	86.97	32	10.87	30.55	213	300	A	H
		5725.64	59.32	-8.88	68.2	47.02	32	10.87	30.57	213	300	P	H
													H
													H
													H
	*	5700	103.62	-	-	91.3	32	10.87	30.55	126	49	P	V
	*	5700	94.82	-	-	82.5	32	10.87	30.55	126	49	A	V
		5726.68	56.6	-11.6	68.2	44.3	32	10.87	30.57	126	49	P	V
													V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11a CH 100 5500MHz		11000	49.39	-24.61	74	55.67	40.6	14.22	61.1	100	0	P	H
		16500	48.56	-19.64	68.2	51.38	38.8	17.78	59.4	100	0	P	H
													H
													H
		11000	49.61	-24.39	74	55.89	40.6	14.22	61.1	100	0	P	V
		16500	48.04	-20.16	68.2	50.86	38.8	17.78	59.4	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	48.91	-25.09	74	55.23	40.22	14.5	61.04	100	0	P	H
		16740	51.32	-16.88	68.2	52.4	39.98	18.2	59.26	100	0	P	H
													H
													H
		11160	49.34	-24.66	74	55.66	40.22	14.5	61.04	100	0	P	V
		16740	49.66	-18.54	68.2	50.74	39.98	18.2	59.26	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	49.85	-24.15	74	55.62	40.3	14.87	60.94	100	0	P	H
		17100	51.52	-16.68	68.2	51.19	40.8	18.51	58.98	100	0	P	H
													H
													H
		11400	49.88	-24.12	74	55.65	40.3	14.87	60.94	100	0	P	V
		17100	50.5	-17.7	68.2	50.17	40.8	18.51	58.98	100	0	P	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





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

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 100 5500MHz		5447.92	55.95	-18.05	74	43.96	31.7	10.72	30.43	219	309	P	H	
		5466.8	61.97	-6.23	68.2	49.86	31.8	10.74	30.43	219	309	P	H	
		5448.4	47.41	-6.59	54	35.42	31.7	10.72	30.43	219	309	A	H	
	*	5500	108.71	-	-	96.36	32	10.78	30.43	219	309	P	H	
	*	5500	100.65	-	-	88.3	32	10.78	30.43	219	309	A	H	
														H
			5447.76	53.16	-20.84	74	41.17	31.7	10.72	30.43	149	68	P	V
			5467.28	58.66	-9.54	68.2	46.55	31.8	10.74	30.43	149	68	P	V
			5448.4	43.68	-10.32	54	31.69	31.7	10.72	30.43	149	68	A	V
	*		5500	104.59	-	-	92.24	32	10.78	30.43	149	68	P	V
	*		5500	95.95	-	-	83.6	32	10.78	30.43	149	68	A	V
													V	
802.11n HT20 CH 116 5580MHz		5385.04	52.2	-21.8	74	40.37	31.61	10.65	30.43	214	313	P	H	
		5465.68	50.84	-17.36	68.2	38.74	31.79	10.74	30.43	214	313	P	H	
		5459.44	41.27	-12.73	54	29.21	31.76	10.73	30.43	214	313	A	H	
	*	5580	109.94	-	-	97.69	31.86	10.87	30.48	214	313	P	H	
	*	5580	101.09	-	-	88.84	31.86	10.87	30.48	214	313	A	H	
			5760.59	51.73	-16.47	68.2	39.42	32.04	10.86	30.59	214	313	P	H
			5384.08	51.6	-22.4	74	39.78	31.6	10.65	30.43	144	40	P	V
			5464.48	51.3	-16.9	68.2	39.2	31.79	10.74	30.43	144	40	P	V
			5458.48	41.16	-12.84	54	29.11	31.75	10.73	30.43	144	40	A	V
	*		5580	104.9	-	-	92.65	31.86	10.87	30.48	144	40	P	V
	*		5580	96.15	-	-	83.9	31.86	10.87	30.48	144	40	A	V
		5740.115	51.94	-16.26	68.2	39.66	32	10.86	30.58	144	40	P	V	



<b>802.11n</b> <b>HT20</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	107.45	-	-	95.13	32	10.87	30.55	219	311	P	H
	*	5700	99.09	-	-	86.77	32	10.87	30.55	219	311	A	H
		5725.24	61.68	-6.52	68.2	49.38	32	10.87	30.57	219	311	P	H
													H
													H
													H
	*	5700	102.39	-	-	90.07	32	10.87	30.55	141	44	P	V
	*	5700	94.16	-	-	81.84	32	10.87	30.55	141	44	A	V
		5725.16	56.27	-11.93	68.2	43.97	32	10.87	30.57	141	44	P	V
													V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 100 5500MHz		11000	49.88	-24.12	74	56.16	40.6	14.22	61.1	100	0	P	H
		16500	48.75	-19.45	68.2	51.57	38.8	17.78	59.4	100	0	P	H
													H
													H
		11000	49.65	-24.35	74	55.93	40.6	14.22	61.1	100	0	P	V
		16500	48.92	-19.28	68.2	51.74	38.8	17.78	59.4	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	49.16	-24.84	74	55.48	40.22	14.5	61.04	100	0	P	H
		16740	50.6	-17.6	68.2	51.68	39.98	18.2	59.26	100	0	P	H
													H
													H
		11160	48.69	-25.31	74	55.01	40.22	14.5	61.04	100	0	P	V
		16740	50.86	-17.34	68.2	51.94	39.98	18.2	59.26	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	48.74	-25.26	74	54.51	40.3	14.87	60.94	100	0	P	H
		17100	51.23	-16.97	68.2	50.9	40.8	18.51	58.98	100	0	P	H
													H
													H
		11400	49.22	-24.78	74	54.99	40.3	14.87	60.94	100	0	P	V
		17100	51.54	-16.66	68.2	51.21	40.8	18.51	58.98	100	0	P	V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 102 5510MHz		5448.88	57.39	-16.61	74	45.4	31.7	10.72	30.43	207	325	P	H
		5469.04	61.8	-6.4	68.2	49.68	31.81	10.74	30.43	207	325	P	H
		5459.92	43.59	-10.41	54	31.53	31.76	10.73	30.43	207	325	A	H
	*	5510	105.03	-	-	92.72	31.96	10.79	30.44	207	325	P	H
	*	5510	96.86	-	-	84.55	31.96	10.79	30.44	207	325	A	H
		5728.46	51.89	-16.31	68.2	39.59	32	10.87	30.57	207	325	P	H
		5432.32	53.24	-20.76	74	41.27	31.7	10.7	30.43	248	77	P	V
		5469.28	58.67	-9.53	68.2	46.54	31.82	10.74	30.43	248	77	P	V
		5459.92	41.64	-12.36	54	29.58	31.76	10.73	30.43	248	77	A	V
	*	5510	100.4	-	-	88.09	31.96	10.79	30.44	248	77	P	V
	*	5510	91.8	-	-	79.49	31.96	10.79	30.44	248	77	A	V
		5746.415	51.89	-16.31	68.2	39.61	32	10.86	30.58	248	77	P	V
802.11n HT40 CH 110 5550MHz		5446.72	52.69	-21.31	74	40.7	31.7	10.72	30.43	239	309	P	H
		5467.6	53.54	-14.66	68.2	41.42	31.81	10.74	30.43	239	309	P	H
		5447.44	43.76	-10.24	54	31.77	31.7	10.72	30.43	239	309	A	H
	*	5550	106.24	-	-	94.06	31.8	10.84	30.46	239	309	P	H
	*	5550	97.65	-	-	85.47	31.8	10.84	30.46	239	309	A	H
		5726.57	51.14	-17.06	68.2	38.84	32	10.87	30.57	239	309	P	H
		5436.16	52.01	-21.99	74	40.04	31.7	10.7	30.43	246	76	P	V
		5466.16	52.15	-16.05	68.2	40.04	31.8	10.74	30.43	246	76	P	V
		5447.44	41.71	-12.29	54	29.72	31.7	10.72	30.43	246	76	A	V
	*	5550	101.82	-	-	89.64	31.8	10.84	30.46	246	76	P	V
	*	5550	92.68	-	-	80.5	31.8	10.84	30.46	246	76	A	V
		5731.295	52.63	-15.57	68.2	40.33	32	10.87	30.57	246	76	P	V



<b>802.11n</b>  <b>HT40</b>  <b>CH 134</b>  <b>5670MHz</b>		5428.4	51.11	-22.89	74	39.15	31.7	10.69	30.43	245	307	P	H
		5463.4	50.48	-17.72	68.2	38.39	31.78	10.74	30.43	245	307	P	H
		5459.55	41.21	-12.79	54	29.15	31.76	10.73	30.43	245	307	A	H
	*	5670	105.91	-	-	93.69	31.88	10.88	30.54	245	307	P	H
	*	5670	97.37	-	-	85.15	31.88	10.88	30.54	245	307	A	H
		5736.125	53.5	-14.7	68.2	41.21	32	10.87	30.58	245	307	P	H
		5403.2	51.44	-22.56	74	39.51	31.7	10.66	30.43	150	39	P	V
		5465.15	50.6	-17.6	68.2	38.5	31.79	10.74	30.43	150	39	P	V
		5459.55	41.19	-12.81	54	29.13	31.76	10.73	30.43	150	39	A	V
	*	5670	102.43	-	-	90.21	31.88	10.88	30.54	150	39	P	V
	*	5670	92.96	-	-	80.74	31.88	10.88	30.54	150	39	A	V
		5726.15	52.02	-16.18	68.2	39.72	32	10.87	30.57	150	39	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBµV/m )	Over Limit ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 102 5510MHz		11020	49.5	-24.5	74	55.78	40.56	14.25	61.09	100	0	P	H
		16530	48.75	-19.45	68.2	51.47	38.83	17.83	59.38	100	0	P	H
													H
													H
		11020	49.96	-24.04	74	56.24	40.56	14.25	61.09	100	0	P	V
		16530	48.99	-19.21	68.2	51.71	38.83	17.83	59.38	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	48.41	-25.59	74	54.74	40.4	14.33	61.06	100	0	P	H
		16650	49.24	-18.96	68.2	51.17	39.3	18.08	59.31	100	0	P	H
													H
													H
		11100	48.77	-25.23	74	55.1	40.4	14.33	61.06	100	0	P	V
		16650	49.34	-18.86	68.2	51.27	39.3	18.08	59.31	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	48.5	-25.5	74	54.4	40.18	14.88	60.96	100	0	P	H
		17010	51.58	-16.62	68.2	51.62	40.62	18.43	59.09	100	0	P	H
													H
													H
		11340	48.96	-25.04	74	54.86	40.18	14.88	60.96	100	0	P	V
		17010	50.96	-17.24	68.2	51	40.62	18.43	59.09	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 CH 106 5530MHz		5456.56	58.87	-15.13	74	46.83	31.74	10.73	30.43	203	307	P	H
		5468.8	61.64	-6.56	68.2	49.52	31.81	10.74	30.43	203	307	P	H
		5459.68	50.27	-3.73	54	38.21	31.76	10.73	30.43	203	307	A	H
	*	5530	102.23	-	-	89.99	31.88	10.81	30.45	203	307	P	H
	*	5530	95.3	-	-	83.06	31.88	10.81	30.45	203	307	A	H
		5764.685	51.32	-16.88	68.2	38.99	32.06	10.86	30.59	203	307	P	H
		5451.52	52.82	-21.18	74	40.82	31.71	10.72	30.43	189	347	P	V
		5467.12	54.93	-13.27	68.2	42.82	31.8	10.74	30.43	189	347	P	V
		5458	45.78	-8.22	54	33.73	31.75	10.73	30.43	189	347	A	V
	*	5530	95.15	-	-	82.91	31.88	10.81	30.45	189	347	P	V
	*	5530	88.16	-	-	75.92	31.88	10.81	30.45	189	347	A	V
	5764.685	51.62	-16.58	68.2	39.29	32.06	10.86	30.59	189	347	P	V	
802.11ac VHT80 CH 122 5610MHz		5459.44	52.62	-21.38	74	40.56	31.76	10.73	30.43	200	309	P	H
		5463.04	51.47	-16.73	68.2	39.38	31.78	10.74	30.43	200	309	P	H
		5449.84	44.41	-9.59	54	32.42	31.7	10.72	30.43	200	309	A	H
	*	5610	103.99	-	-	91.72	31.88	10.89	30.5	200	309	P	H
	*	5610	97.12	-	-	84.85	31.88	10.89	30.5	200	309	A	H
		5731.61	51.28	-16.92	68.2	38.98	32	10.87	30.57	200	309	P	H
		5447.68	50.76	-23.24	74	38.77	31.7	10.72	30.43	215	333	P	V
		5466.64	50.7	-17.5	68.2	38.59	31.8	10.74	30.43	215	333	P	V
		5458.96	44.29	-9.71	54	32.24	31.75	10.73	30.43	215	333	A	V
	*	5610	97.39	-	-	85.12	31.88	10.89	30.5	215	333	P	V
	*	5610	90.76	-	-	78.49	31.88	10.89	30.5	215	333	A	V
	5726.885	51.47	-16.73	68.2	39.17	32	10.87	30.57	215	333	P	V	

<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.
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**Band 3 5470~5725MHz  
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	49.64	-24.36	74	55.95	40.48	14.29	61.08	100	0	P	H
		16590	49.34	-18.86	68.2	51.85	38.89	17.95	59.35	100	0	P	H
													H
													H
		11060	49.6	-24.4	74	55.91	40.48	14.29	61.08	100	0	P	V
		16590	48.89	-19.31	68.2	51.4	38.89	17.95	59.35	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		11220	49.04	-24.96	74	55.28	40.1	14.67	61.01	100	0	P	H
		16830	50.65	-17.55	68.2	51.25	40.34	18.26	59.2	100	0	P	H
													H
													H
		11220	48.88	-25.12	74	55.12	40.1	14.67	61.01	100	0	P	V
		16830	51.78	-16.42	68.2	52.38	40.34	18.26	59.2	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												





Emission below 1GHz  
WIFI 802.11n ac80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11n ac80 LF		39.7	19.34	-20.66	40	31.4	19.53	0.75	32.34	-	-	P	H	
		102.75	21.3	-22.2	43.5	35.79	16.49	1.31	32.29	-	-	P	H	
		349.13	26.23	-19.77	46	36.04	20.11	2.52	32.44	-	-	P	H	
		665.35	29.22	-16.78	46	32.12	26.03	3.58	32.51	-	-	P	H	
		746.83	33.19	-12.81	46	34.18	27.66	3.81	32.46	100	0	P	H	
		903.97	33.17	-12.83	46	32.16	28.62	4.29	31.9	-	-	P	H	
														H
														H
														H
														H
														H
														H
			36.79	22.48	-17.52	40	33.28	20.82	0.71	32.33	-	-	P	V
			81.41	20.69	-19.31	40	38.16	13.82	1.19	32.48	-	-	P	V
			116.33	19.98	-23.52	43.5	33.51	17.49	1.38	32.4	-	-	P	V
			575.14	28.68	-17.32	46	32.1	25.74	3.31	32.47	-	-	P	V
			746.83	37.05	-8.95	46	38.04	27.66	3.81	32.46	100	0	P	V
			914.64	34.11	-11.89	46	32.65	28.87	4.32	31.73	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



**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>over limit</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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

**For Peak Limit @ 2390MHz:**

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

**For Average Limit @ 2390MHz:**

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

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



## Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature :	24.3~24.7°C
		Relative Humidity :	55~61%

### Note symbol

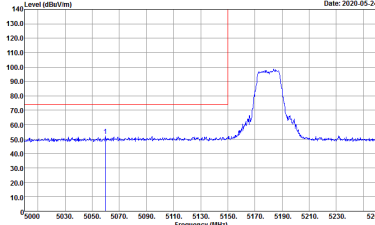
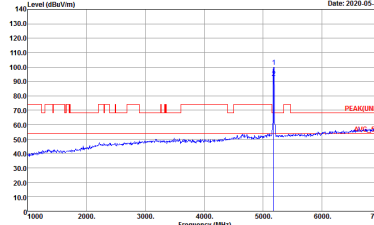
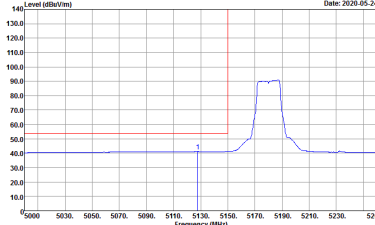
-L	Low channel location
-R	High channel location



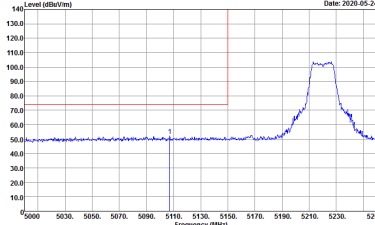
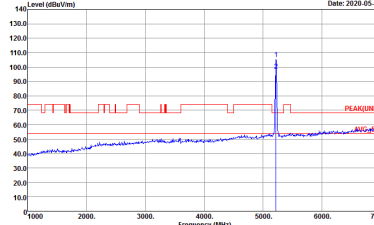
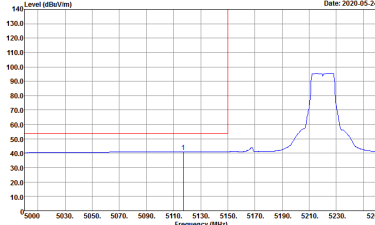
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

Table with 2 columns (Horizontal, Fundamental) and 2 rows (Peak, Avg.). Contains spectral plots and technical details for each measurement.

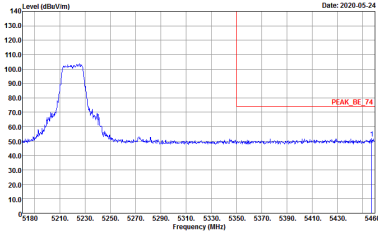
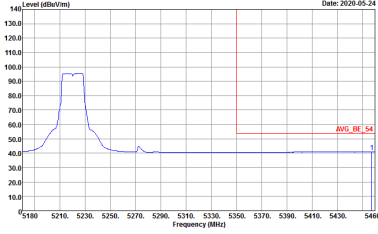


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11a CH36 5180MHz		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH44 5220MHz - L	
	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



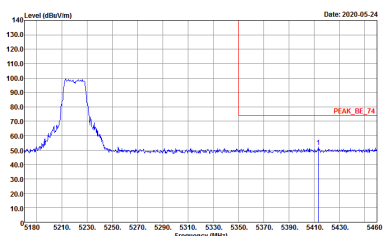
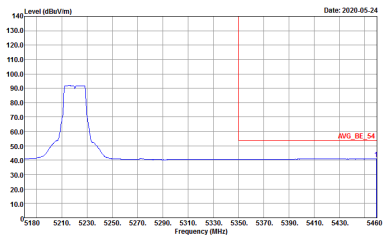
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH44 5220MHz - R	
	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:0.010kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>



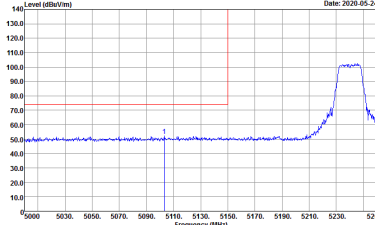
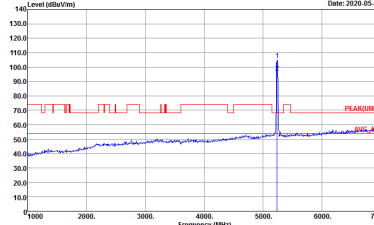
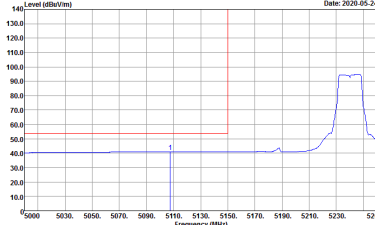


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11a CH44 5220MHz - L		
Vertical		Fundamental
Peak	<p>           Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01         </p>	<p>           Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01         </p>
Avg.	<p>           Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01         </p>	Left blank

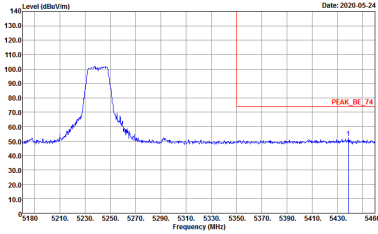
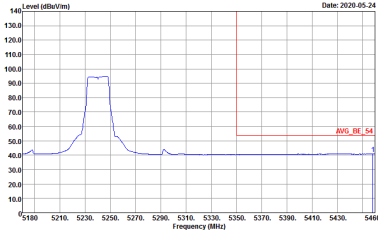


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11a CH44 5220MHz - R		
	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            : RBW:1000.000KHz VBW:0.010KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>

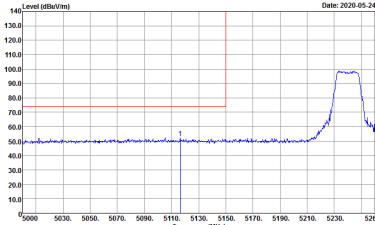
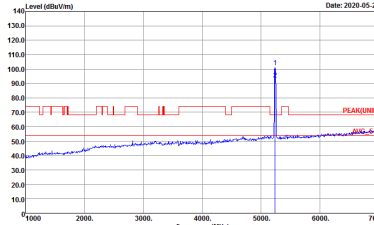
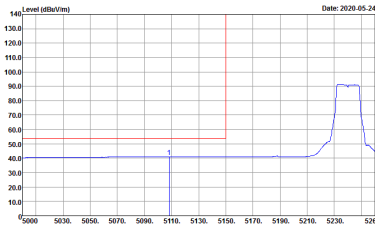


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11a CH48 5240MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:0.0100kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

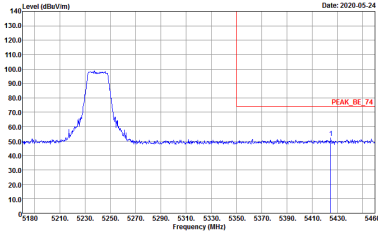
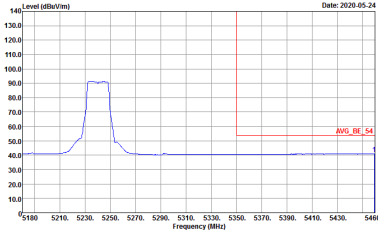


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH48 5240MHz - R	
	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:0.010kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>



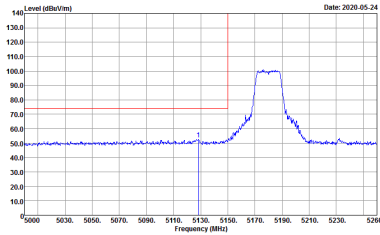
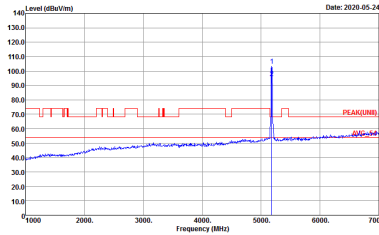
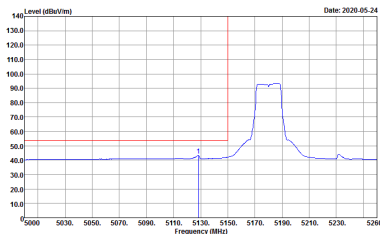
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH48 5240MHz - L	
	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5240 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red line indicates the peak level at approximately 100 dBuV/m.</p> <p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5240 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 0 to 7000 MHz. A red line indicates the peak level at approximately 70 dBuV/m.</p> <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red line indicates the average level at approximately 50 dBuV/m.</p> <p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



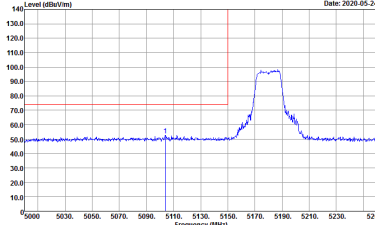
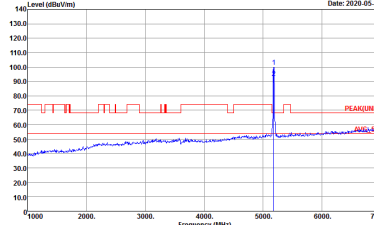
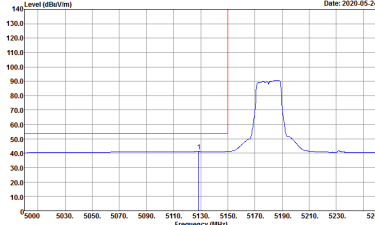
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11a CH48 5240MHz - R		
	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>



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

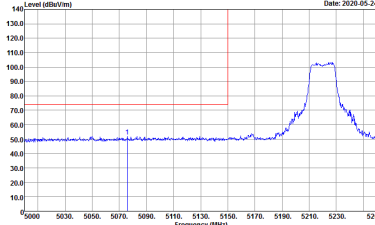
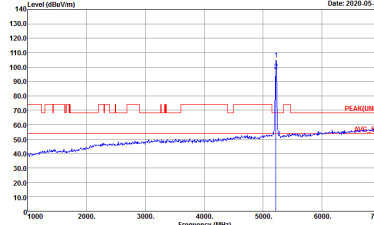
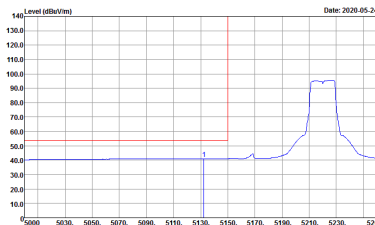
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH36 5180MHz	
	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
<p align="center"><b>Avg.</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p align="center"><b>Left blank</b></p>



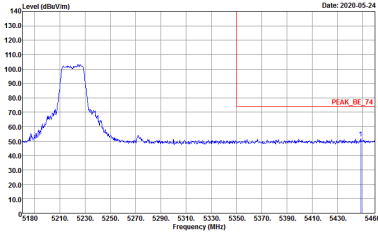
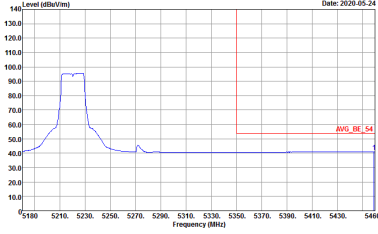
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11n HT20 CH36 5180MHz		
Vertical		Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5180 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 0 to 7000 MHz. A red vertical line marks the peak at 5180 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average signal at 5180 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5180 MHz.</p> <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank





WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11n HT20 CH44 5220MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

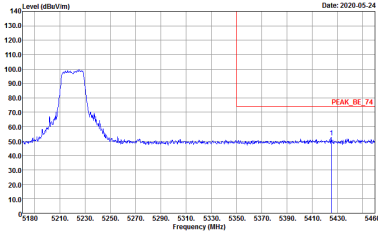
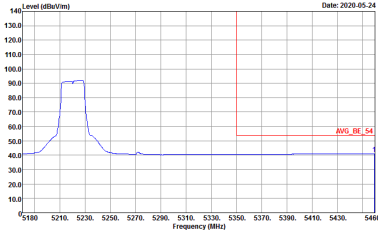


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH44 5220MHz - R	
	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>

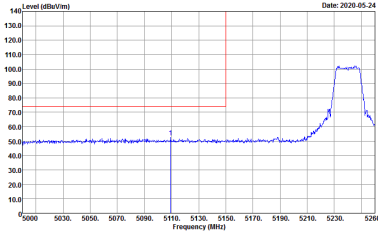
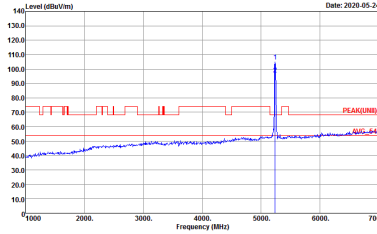
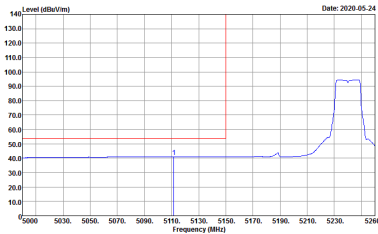


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH44 5220MHz - L	
	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	<p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH44 5220MHz - R	
	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:0.010kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>

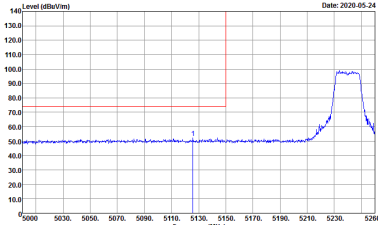
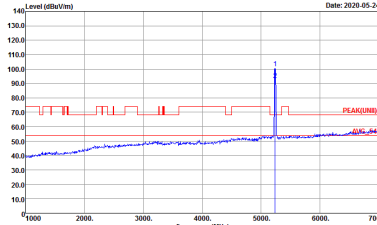
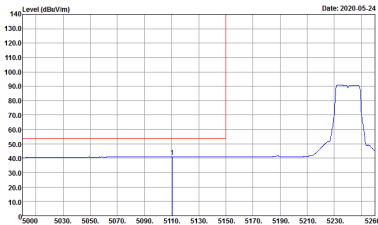


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11n HT20 CH48 5240MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

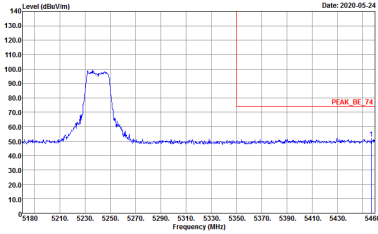
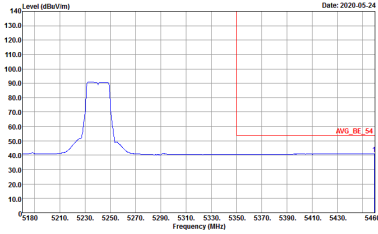


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11n HT20 CH48 5240MHz - R		
Horizontal		Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH48 5240MHz - L	
	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

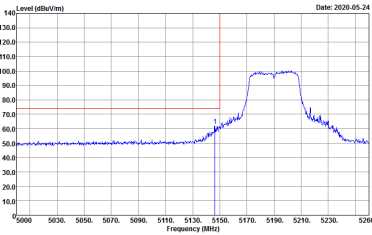
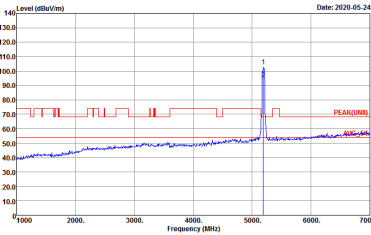
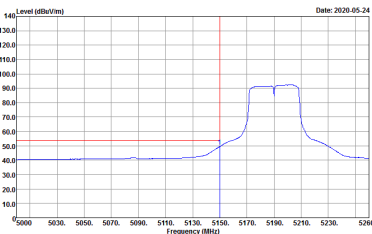


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH48 5240MHz - R	
	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY  Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL  RBW:1000.000KHz VBW:3000.000KHz SWF:Auto  Detector : Peak  Project : 021246-01</p>	Left blank
Avg.	 <p>Site : 03CH15-HY  Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL  RBW:1000.000KHz VBW:0.010KHz SWF:Auto  Detector : Peak  Project : 021246-01</p>	Left blank

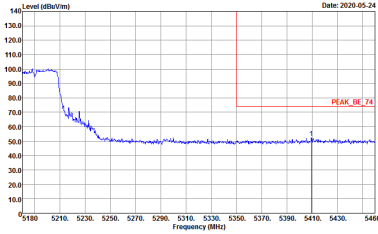
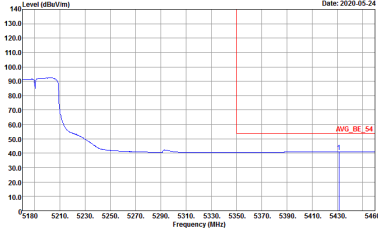




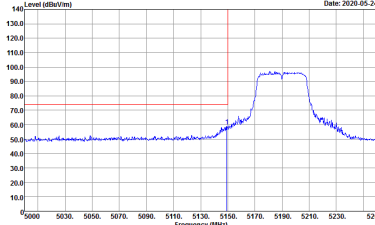
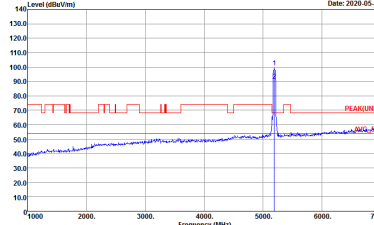
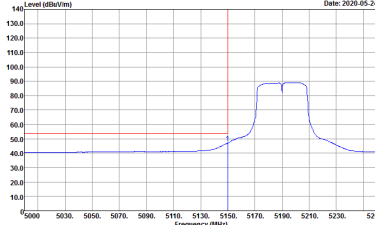
**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH38 5190MHz - L	
	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
<p align="center"><b>Avg.</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:0.010kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p align="center"><b>Left blank</b></p>

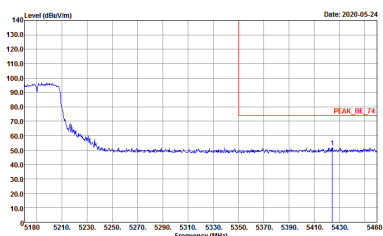
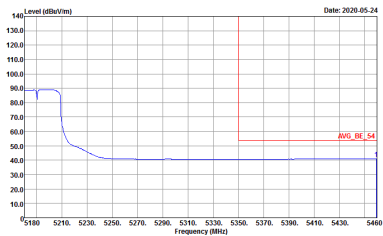


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11n HT40 CH38 5190MHz - R		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	Left blank
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

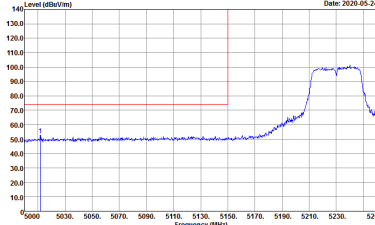
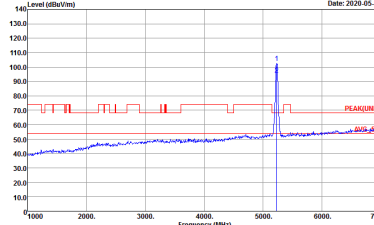
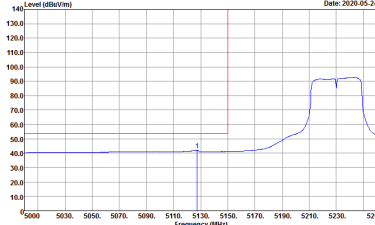


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11n HT40 CH38 5190MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH38 5190MHz - R	
	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:0.010kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>

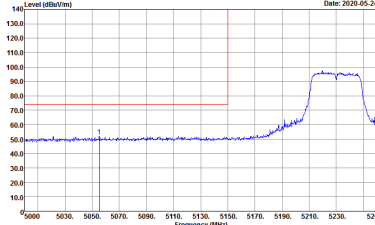
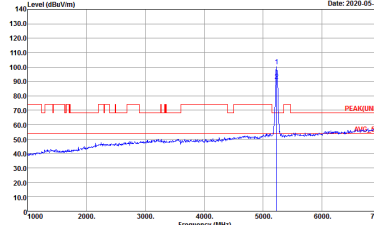
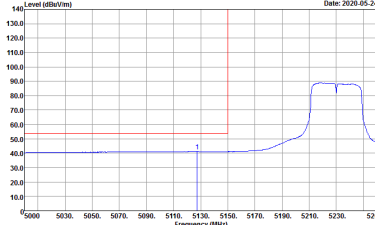


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11n HT40 CH46 5230MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

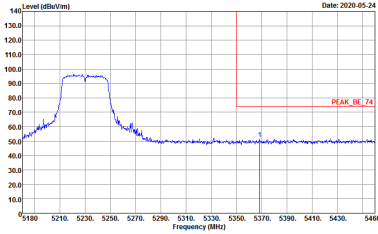
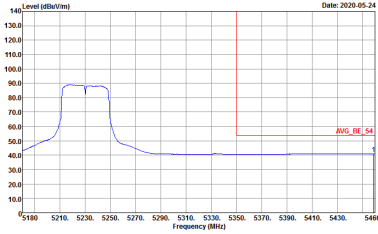


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH46 5230MHz - R	
	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWF:Auto Detector : Peak Project : 021246-01</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000kHz VBW:0.0100kHz SWF:Auto Detector : Peak Project : 021246-01</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11n HT40 CH46 5230MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH46 5230MHz - R	
	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	Left blank
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:0.010kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

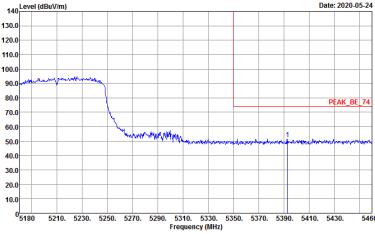
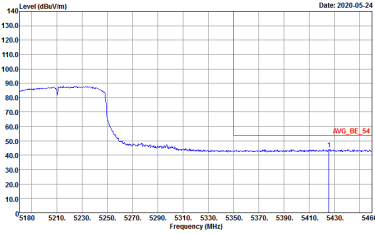




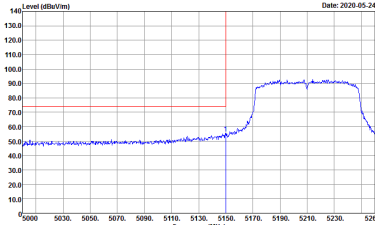
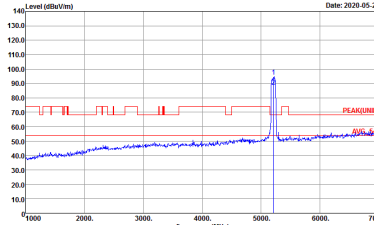
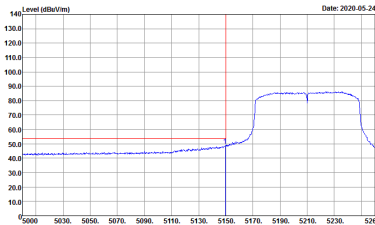
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

Table with 2 columns (Horizontal, Fundamental) and 2 rows (Peak, Avg.). Contains spectral plots and technical parameters for WIFI 802.11ac VHT80 CH42 5210MHz - L.

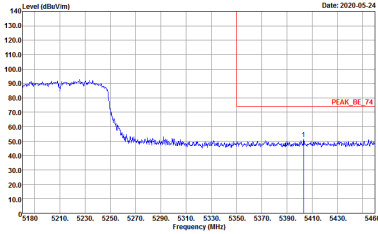
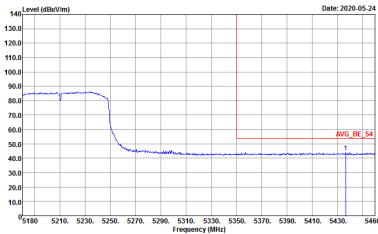


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ac VHT80 CH42 5210MHz - R	
	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
802.11ac VHT80 CH42 5210MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ac VHT80 CH42 5210MHz - R	
	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	<p>Left blank</p>



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

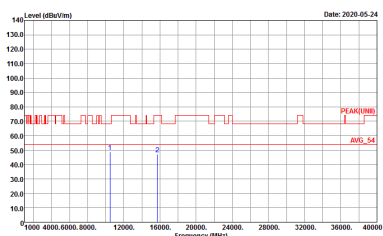
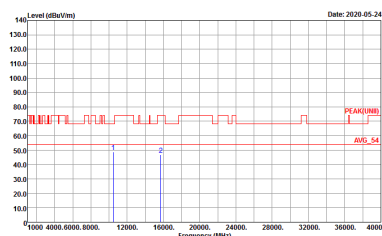
Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) for 802.11a CH36 5180MHz. The plots show a noisy baseline with two distinct peaks labeled '1' and '2'. The horizontal plot has a peak level of 54 dBuV/m, and the vertical plot has a peak level of 51 dBuV/m. Metadata for both plots includes Site: 03CH15-FY, Condition: PEAK(UNII) 3m 9120D\_15\_1620, Detector: Peak, and Project: 021246-01.

Peak
Avg.



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11a CH44 5220MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
802.11a CH48 5240MHz		
Horizontal		Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01</p>


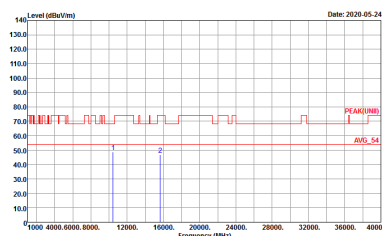


Band 1 5150~5250MHz  
WIFI 802.11n HT20 (Harmonic @ 3m)

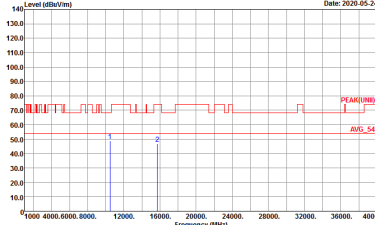
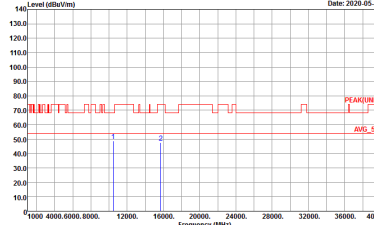
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT20 CH36 5180MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>





WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
802.11n HT20 CH44 5220MHz		
Horizontal		Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNED) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNED) 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01</p>



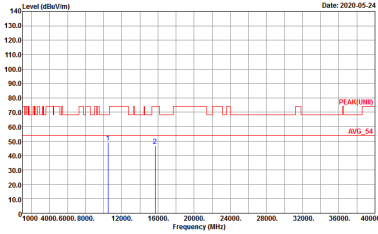
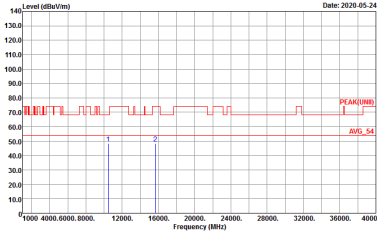
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
802.11n HT20 CH48 5240MHz		
Horizontal		Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK(UNID) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK(UNID) 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01</p>



Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBu/m) vs Frequency (MHz) with Peak and Avg markers. Includes metadata like Site, Condition, Detector, and Project.



<b>WIFI</b>	<b>Band 1 5150~5250MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT40 CH46 5230MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Site : 03CH15-HY          Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL          Detector : Peak          Project : 021246-01</p>	 <p>Site : 03CH15-HY          Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL          Detector : Peak          Project : 021246-01</p>



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

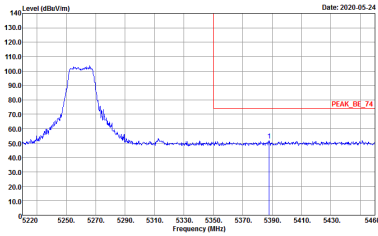
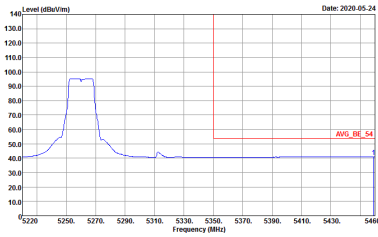
Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBu/m) vs Frequency (MHz) with Peak and Avg markers. Includes metadata like Site, Condition, Detector, and Project.



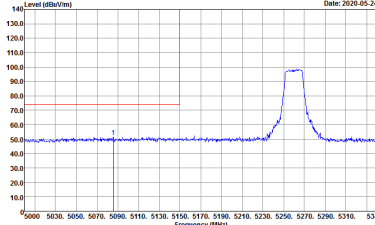
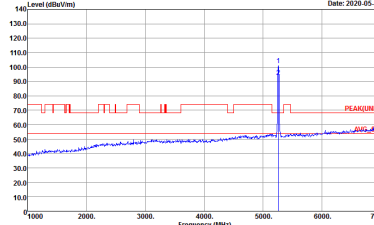
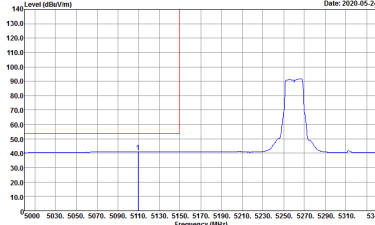
**Band 2 - 5250~5350MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH52 5260MHz - L	
	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(LINII) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>
<b>Avg.</b>	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<b>Left blank</b>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH52 5260MHz - R		
	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:0.010kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>



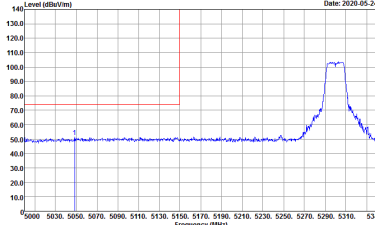
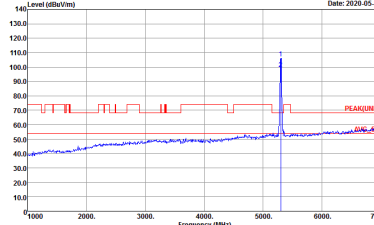
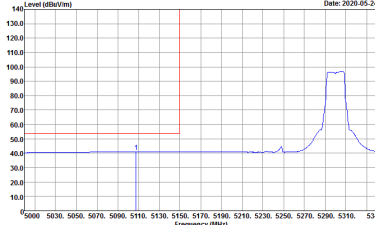
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH52 5260MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



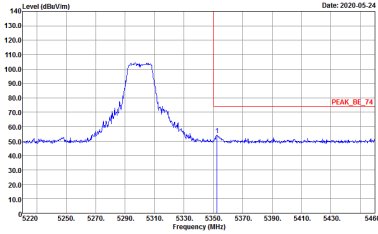
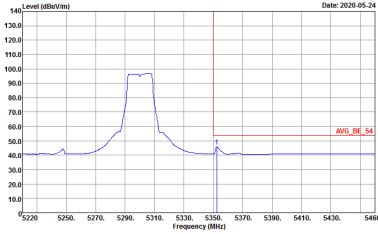


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH52 5260MHz - R		
	Vertical	Fundamental
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH60 5300MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	Left blank

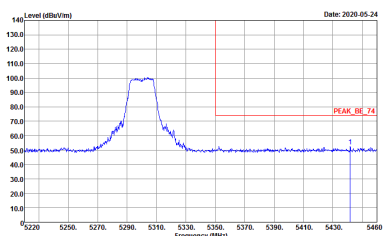
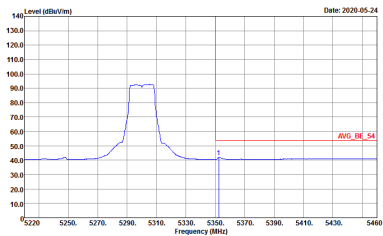


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH60 5300MHz - R		
Horizontal		Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:0.0100kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>

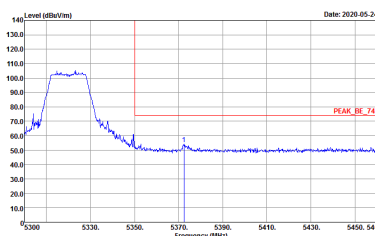
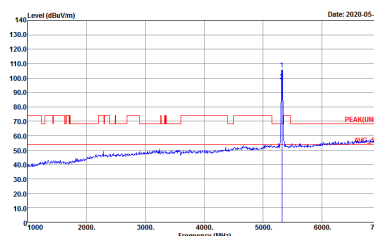
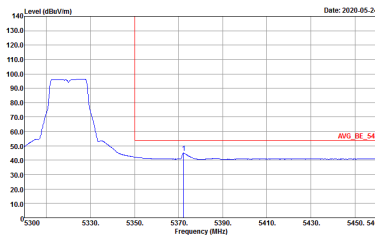


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH60 5300MHz - L		
Vertical		Fundamental
Peak	<p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	<p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

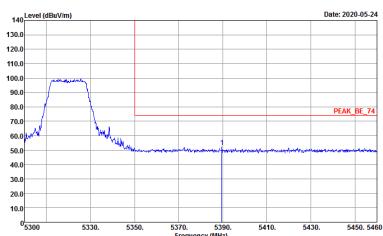
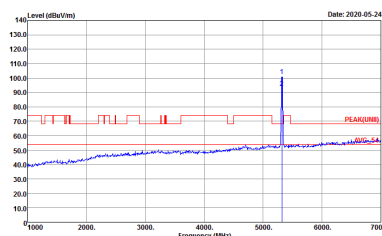
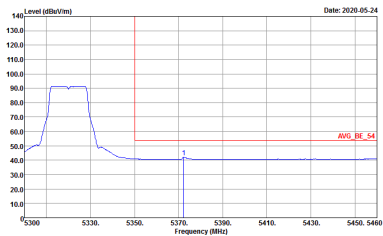


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH60 5300MHz - R		
	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:0.0100kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>



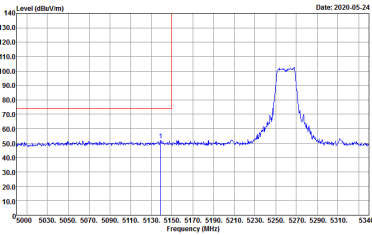
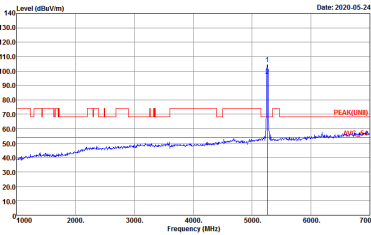
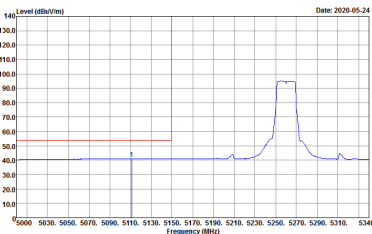
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH64 5320MHz		
	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNB) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	<p><b>Left blank</b></p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11a CH64 5320MHz		
Vertical		Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(FUN) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p><b>Left blank</b></p>

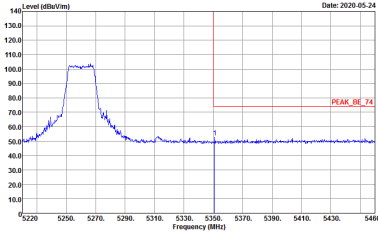
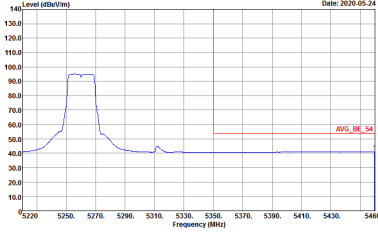


**Band 2 5250~5350MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH52 5260MHz - L	
	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
<p align="center"><b>Avg.</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:0.010kHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p align="center"><b>Left blank</b></p>





WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH52 5260MHz - R	
	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>

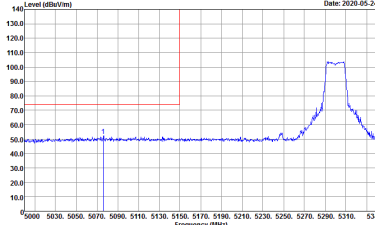
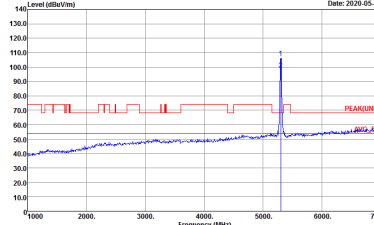
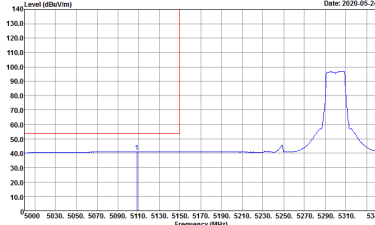


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT20 CH52 5260MHz - L		
Vertical		Fundamental
Peak	<p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	<p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

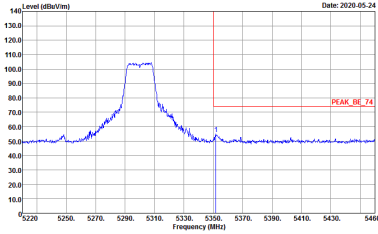
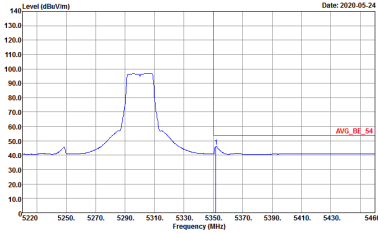


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH52 5260MHz - R	
	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>

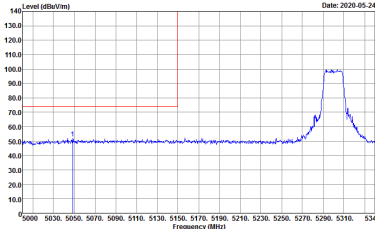
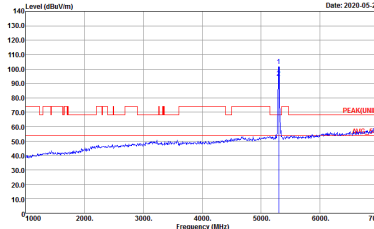
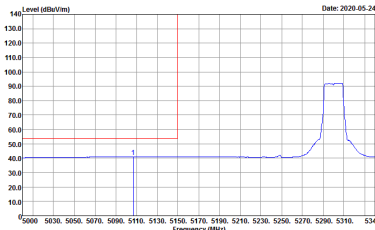


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT20 CH60 5300MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

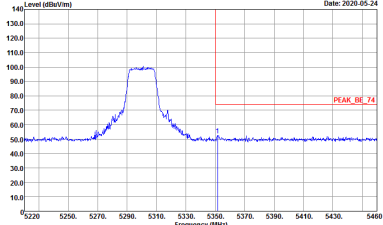
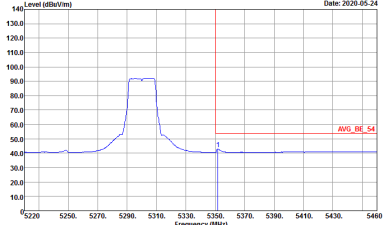


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT20 CH60 5300MHz - R		
Horizontal		Vertical
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT20 CH60 5300MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



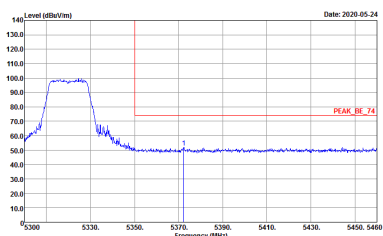
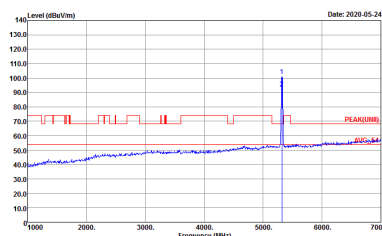
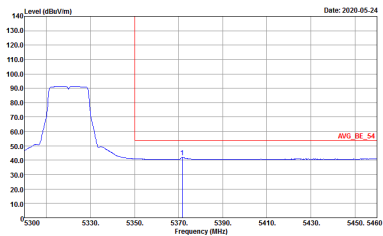
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT20 CH60 5300MHz - R		
	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY  Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL  RBW:1000.000kHz VBW:3000.000kHz SWF:Auto  Detector : Peak  Project : 021246-01</p>	Left blank
Avg.	 <p>Site : 03CH15-HY  Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL  RBW:1000.000kHz VBW:0.010kHz SWF:Auto  Detector : Peak  Project : 021246-01</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT20 CH64 5320MHz		
Horizontal		Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	<p>Site : 03CH15-HY            Condition : PEAK(UNB) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>
<p><b>Avg.</b></p>	<p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	<p><b>Left blank</b></p>

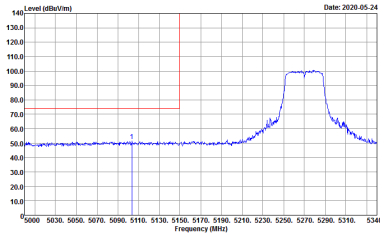
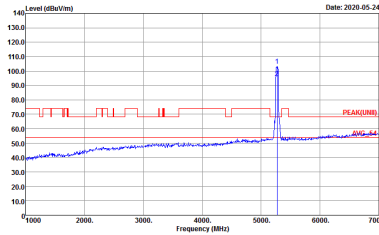
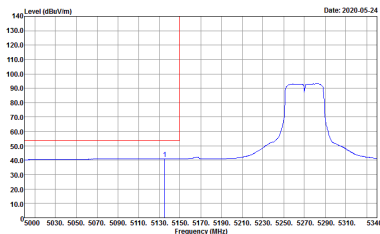




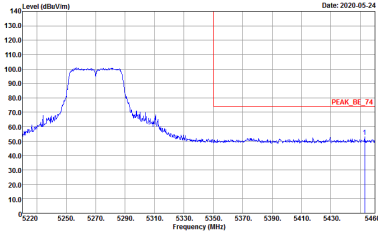
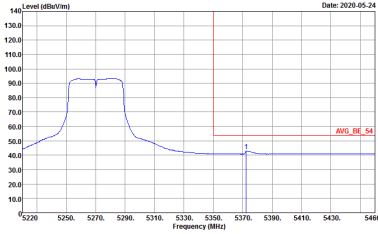
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT20 CH64 5320MHz		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT40 CH54 5270MHz - L	
	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 021246-01</p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 021246-01</p>
<p align="center"><b>Avg.</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 021246-01</p>	<p align="center"><b>Left blank</b></p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT40 CH54 5270 MHz - R		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	Left blank
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:0.010kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

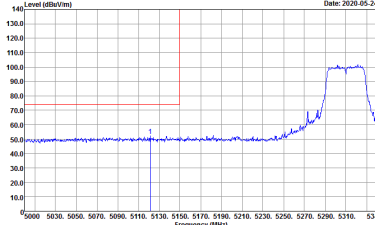
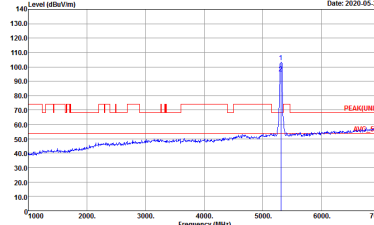
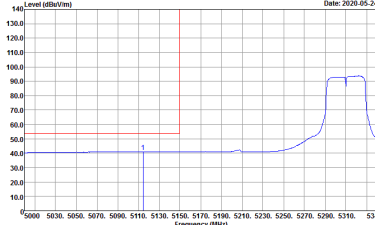


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT40 CH54 5270 MHz - L	
	Vertical	Vertical
Peak	<p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	<p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

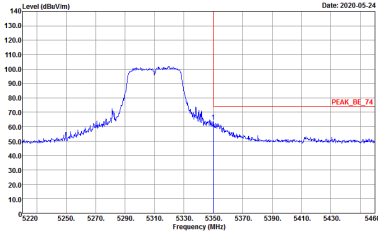
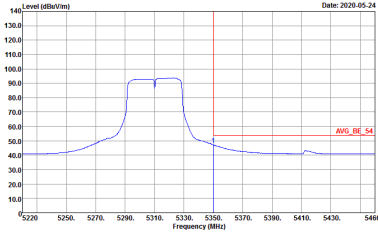


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT40 CH54 5270 MHz - R		
Vertical		Vertical
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>

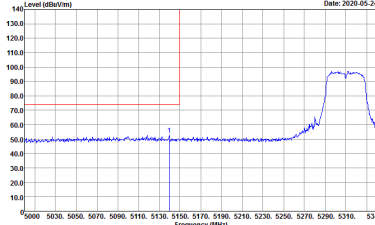
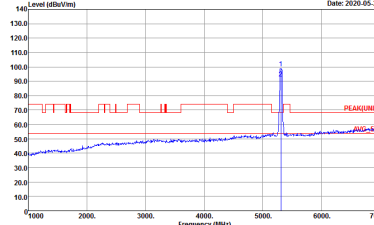
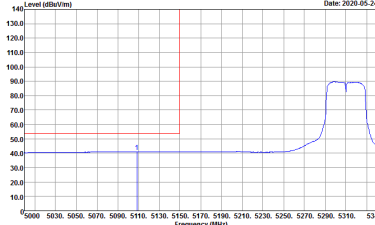


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT40 CH62 5310 MHz - L		
Horizontal		Fundamental
Peak	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK(UNI) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



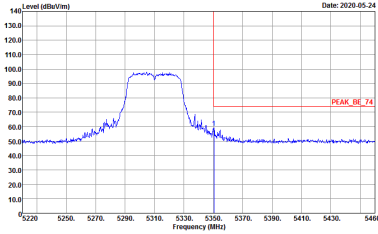
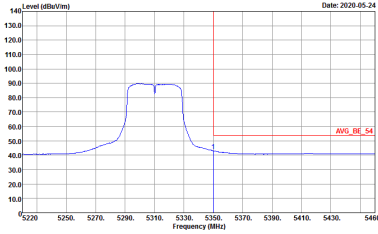
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT40 CH62 5310 MHz - R		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	Left blank
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT40 CH62 5310 MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01</p>	Left blank





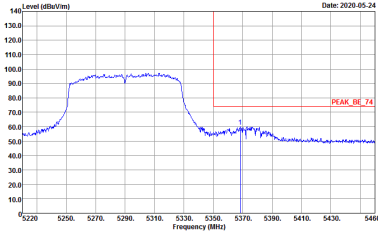
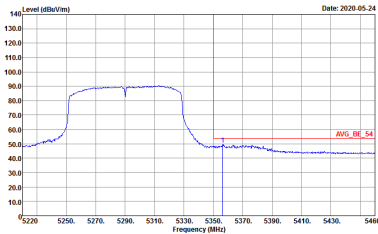
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11n HT40 CH62 5310 MHz - R		
	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Date: 2020-05-24</p> <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000kHz VBW:0.010kHz SWF:Auto            Detector : Peak            Project : 021246-01</p>	<p>Left blank</p>



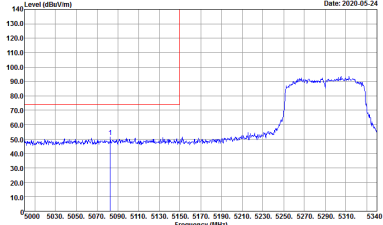
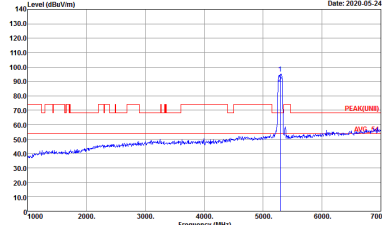
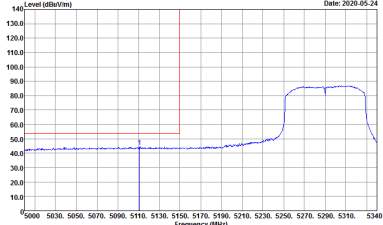
**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11ac VHT80 CH58 5290MHz - L	
	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	<p>Date: 2020-05-24</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01 Setting : 15.5</p>	<p>Date: 2020-05-24</p> <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01 Setting : 15.5</p>
<p align="center"><b>Avg.</b></p>	<p>Date: 2020-05-24</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01 Setting : 15.5</p>	<p align="center">Left blank</p>

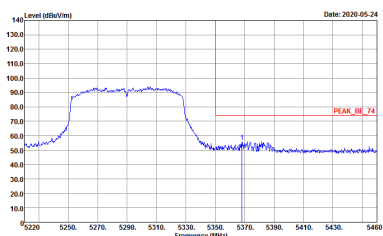
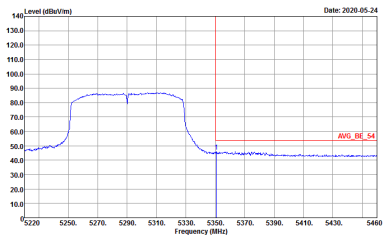


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11ac VHT80 CH58 5290MHz - R	
	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL            RBW:1000.000kHz VBW:30.000kHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
802.11ac VHT80 CH58 5290MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_8E_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_8E_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:30.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11ac VHT80 CH58 5290MHz - R	
	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:30.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15.5</p>	<p>Left blank</p>

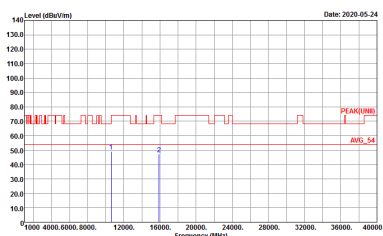
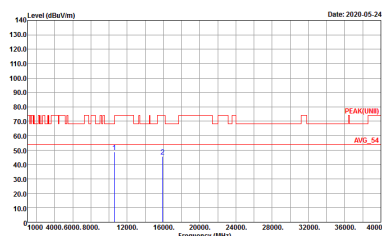


Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) for 802.11a CH52 5260MHz. The plots show a signal level around 70 dBuV/m with two peaks marked at 12000 and 16000 MHz. The horizontal plot has a peak level of 74 dBuV/m and an average level of 54 dBuV/m. The vertical plot has a peak level of 74 dBuV/m and an average level of 51 dBuV/m.

Peak
Avg.



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
802.11a CH60 5300MHz		
Horizontal		Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
	802.11a CH64 5320MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>

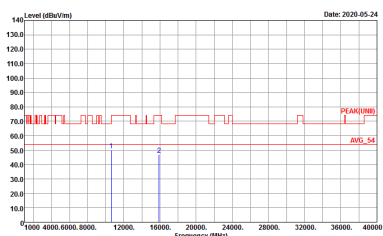
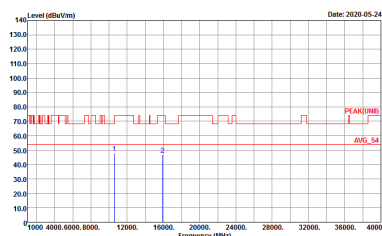




Band 2 5250~5350MHz  
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
	802.11n HT20 CH52 5260MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
802.11n HT20 CH60 5300MHz		
Horizontal		Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Site : 03CH15-HY          Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL          Detector : Peak          Project : 021246-01</p>	 <p>Site : 03CH15-HY          Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL          Detector : Peak          Project : 021246-01</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
	802.11n HT20 CH64 5320MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



Band 2 5250~5350MHz  
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
	802.11n HT40 CH54 5270	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
	802.11n HT40 CH62 5310	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

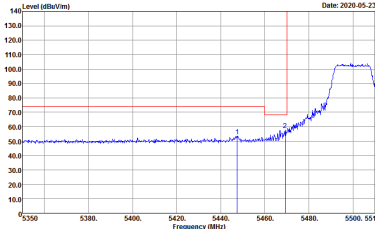
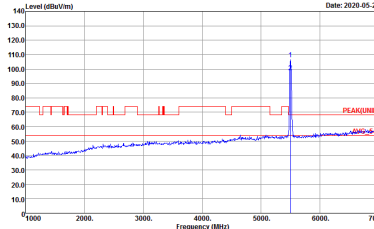
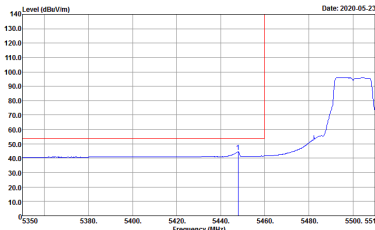
Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBu/m) vs Frequency (MHz) with peak and average markers. Includes metadata like Site, Condition, Detector, and Project.



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

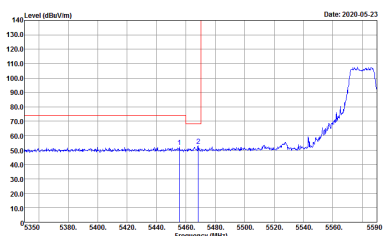
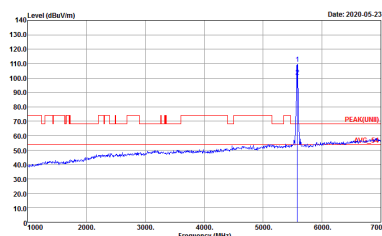
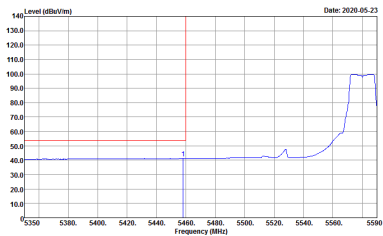
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11a CH100 5500MHz	
	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH15-HY            Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	<p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>
<b>Avg.</b>	<p>Site : 03CH15-HY            Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	<b>Left blank</b>



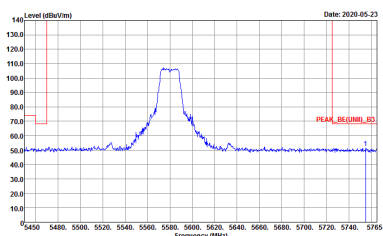
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11a CH100 5500MHz		
Vertical		Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5500 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5350 to 5510 MHz. A red vertical line marks the peak at 5500 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5500 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 vertical line marks the peak at 5500 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5350 to 5510 MHz. A red vertical line marks the peak at 5500 MHz.</p> <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



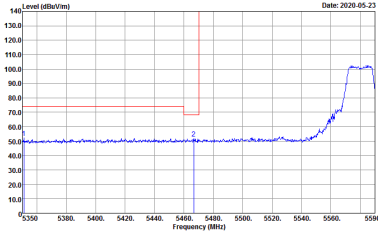
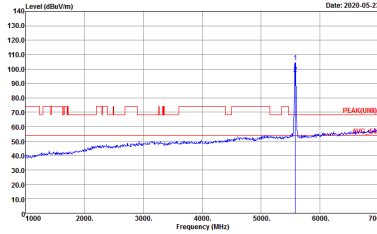
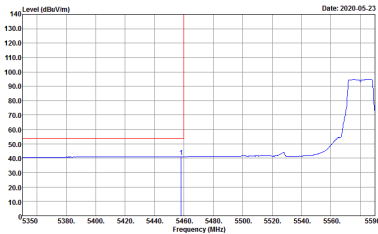


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11a CH116 5580MHz - L		
Horizontal		Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	<p><b>Left blank</b></p>

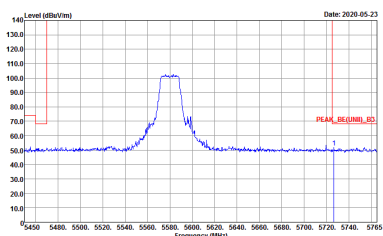


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11a CH116 5580MHz - R	
	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<b>Left blank</b>

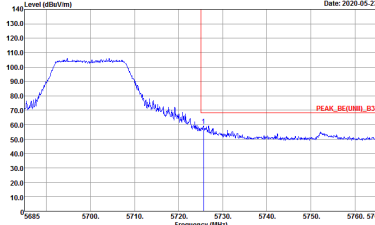
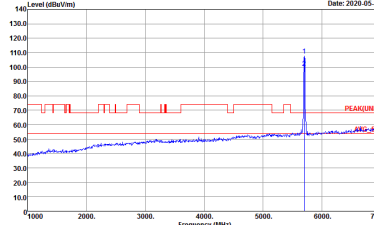


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11a CH116 5580MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

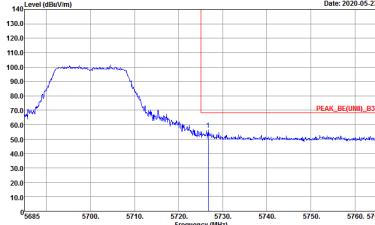
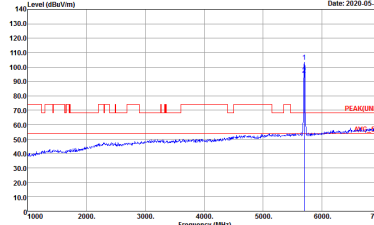


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11a CH116 5580MHz - R	
	Vertical	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector : Peak Project : 021246-01</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11a CH140 5700MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2020-05-23</p> <p>Site : 03CH15-HY  Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL  RBW:1000.000KHz VBW:3000.000KHz SWT:Auto  Detector : Peak  Project : 021246-01</p>	 <p>Date: 2020-05-23</p> <p>Site : 03CH15-HY  Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL  RBW:1000.000KHz VBW:3000.000KHz SWT:Auto  Detector : Peak  Project : 021246-01</p>



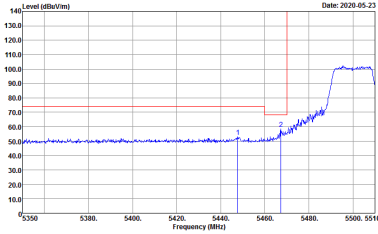
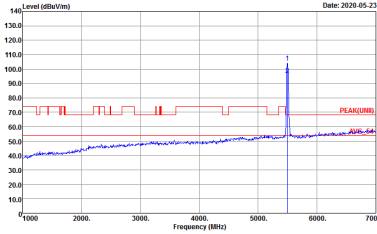
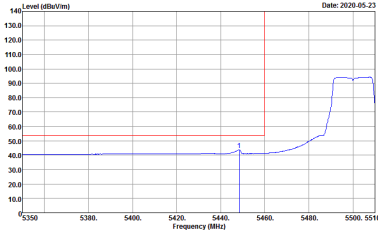
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11a CH140 5700MHz		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>



Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

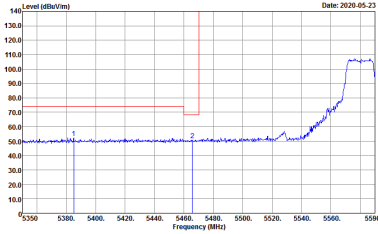
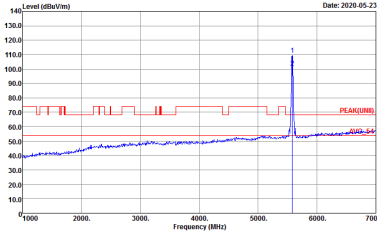
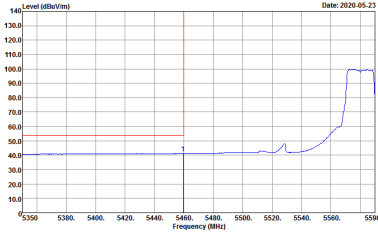
Table with 2 columns (Horizontal/Fundamental) and 2 rows (Peak/Avg.). Contains spectral plots and technical parameters for WIFI 802.11n HT20 CH100 5500MHz.



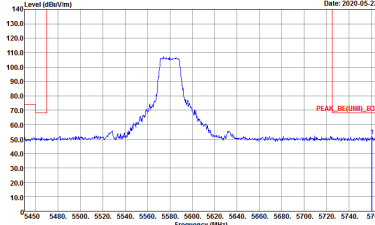
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT20 CH100 5500MHz		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



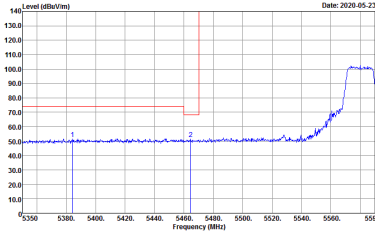
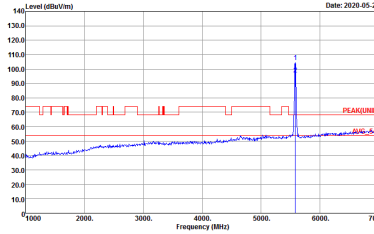
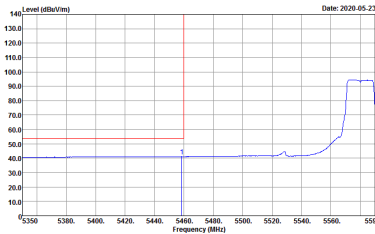


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT20 CH116 5580MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT20 CH116 5580MHz - R	
	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Defector : Peak Project : 021246-01</p>	Left blank

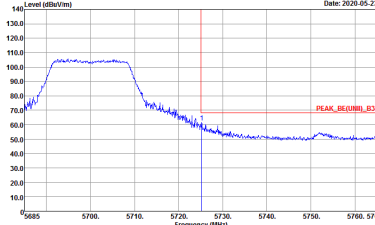
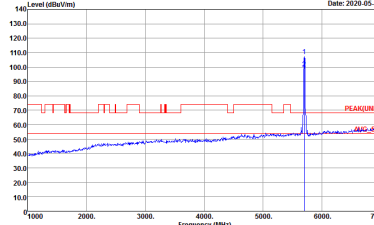


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT20 CH116 5580MHz - L		
Vertical		Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5580 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5350 to 5590 MHz. A red vertical line marks the peak at 5580 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5580 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 0 to 7000 MHz. A red vertical line marks the peak at 5580 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5350 to 5590 MHz. A red vertical line marks the peak at 5580 MHz.</p> <p>Site : 03CH15-HY            Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT20 CH116 5580MHz - R	
	Vertical	Fundamental
Peak	<p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector : Peak Project : 021246-01</p>	Left blank



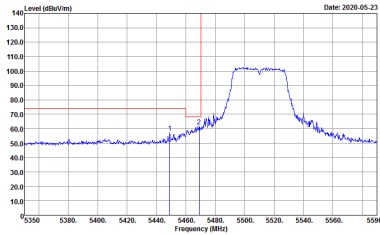
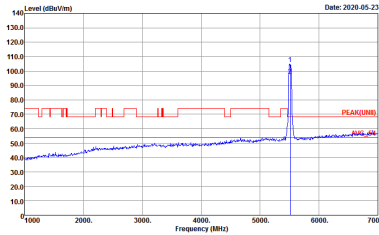
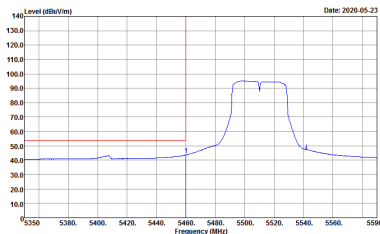
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT20 CH140 5700MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2020-05-23</p> <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Date: 2020-05-23</p> <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>



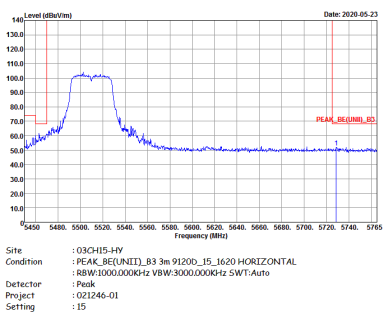
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT20 CH140 5700MHz		
Vertical		Fundamental
<p><b>Peak.</b></p>	<p>Date: 2020-05-23</p> <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	<p>Date: 2020-05-23</p> <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>



**Band 3 5470~5725MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

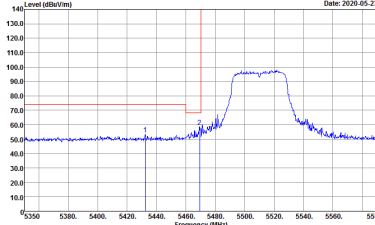
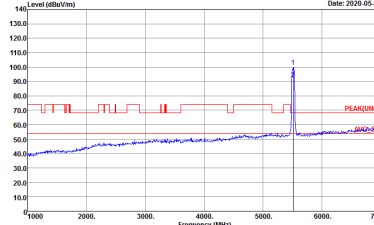
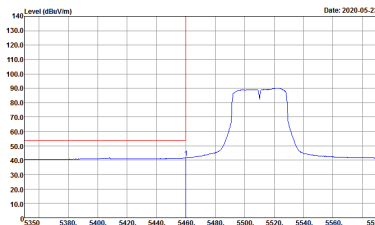
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT40 CH102 5510MHz - L	
	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	 <p>Date: 2020-05-23</p> <p>Site : 03CH15-HY            Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15</p>	 <p>Date: 2020-05-23</p> <p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15</p>
<p align="center"><b>Avg.</b></p>	 <p>Date: 2020-05-23</p> <p>Site : 03CH15-HY            Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL            : RBW:1000.000kHz VBW:0.010kHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15</p>	<p align="center"><b>Left blank</b></p>



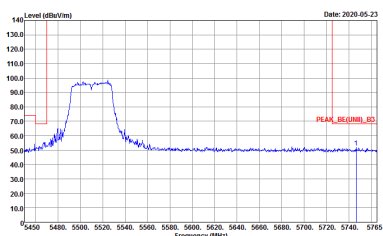
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT40 CH102 5510MHz - R	
	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01 Setting : 15</p>	<b>Left blank</b>



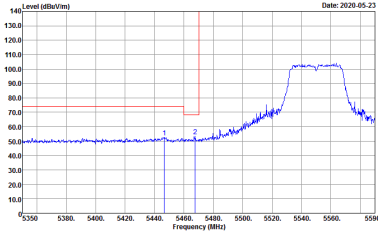
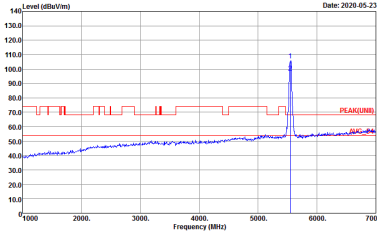
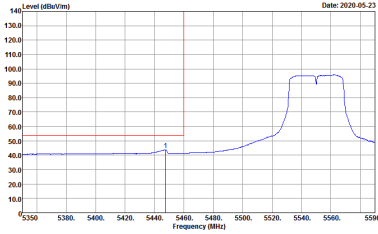


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT40 CH102 5510MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT40 CH102 5510MHz - R	
	Vertical	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak Setting : 15</p>	Left blank

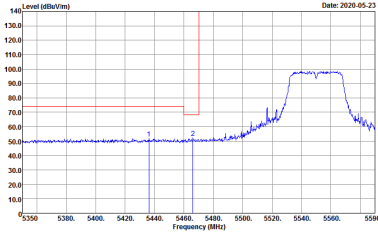
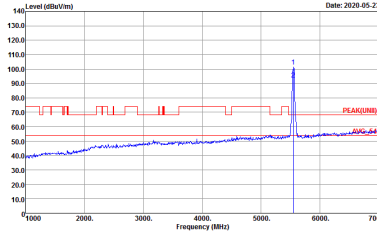
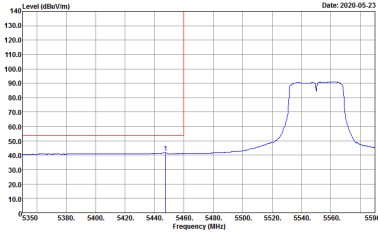


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT40 CH110 5550MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

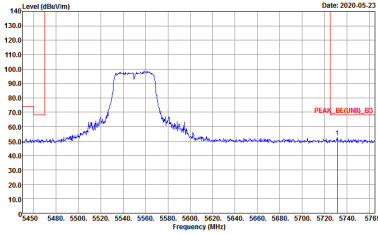


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT40 CH110 5550MHz - R	
	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector : Peak Project : 021246-01</p>	Left blank

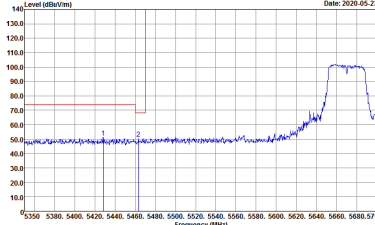
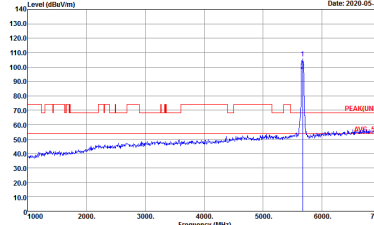
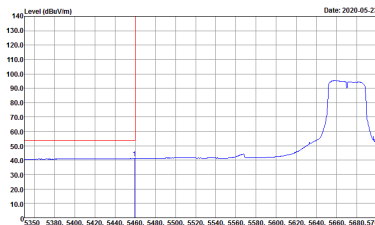


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT40 CH110 5550MHz - L		
Vertical		Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 5550 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5350 to 5590 MHz. A red vertical line marks the peak at 5550 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 5550 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 0 to 7000 MHz. A red vertical line marks the peak at 5550 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5350 to 5590 MHz. A red vertical line marks the peak at 5550 MHz.</p> <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank

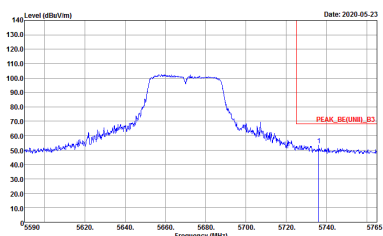


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT40 CH110 5550MHz - R	
	Vertical	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL Defector : Peak Project : 021246-01</p>	<b>Left blank</b>



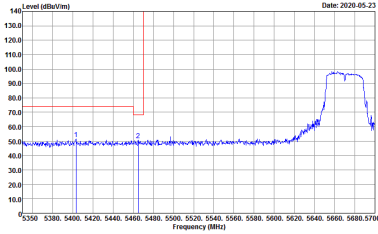
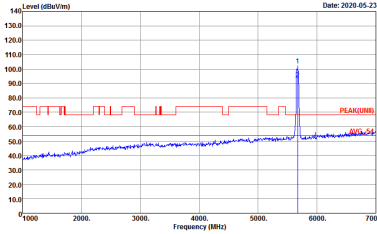
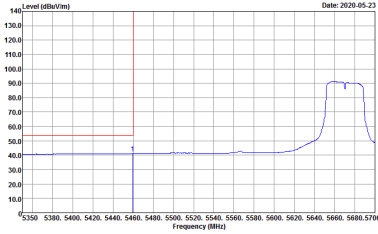
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT40 CH134 5670MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT40 CH134 5670MHz - R	
	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Defector : Peak Project : 021246-01</p>	Left blank





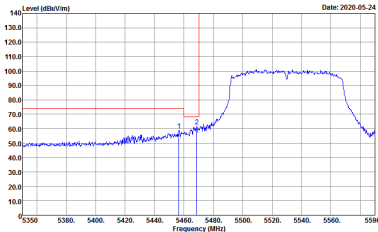
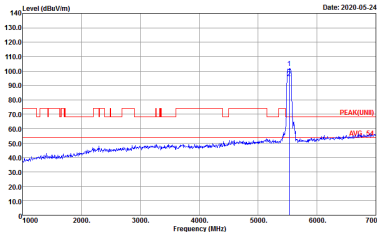
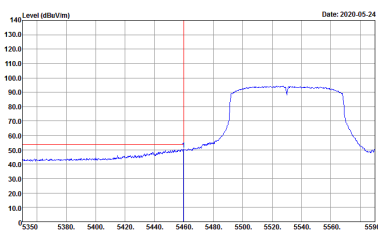
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11n HT40 CH134 5670MHz - L		
Vertical		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



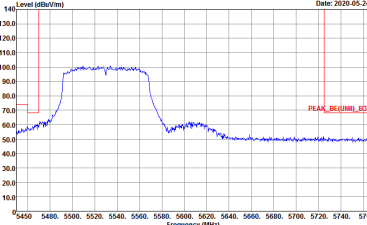
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11n HT40 CH134 5670MHz - R	
	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector : Peak Project : 021246-01</p>	Left blank



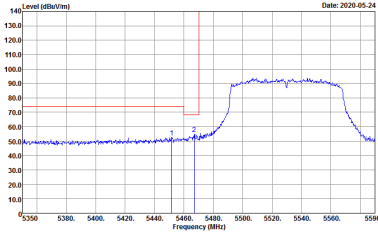
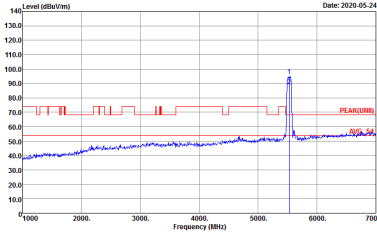
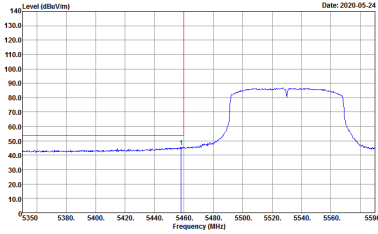
**Band 3 5470~5725MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11ac VHT80 CH106 5530MHz - L	
	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01            Setting : 15</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01            Setting : 15</p>
<p align="center"><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01            Setting : 15</p>	<p align="center"><b>Left blank</b></p>

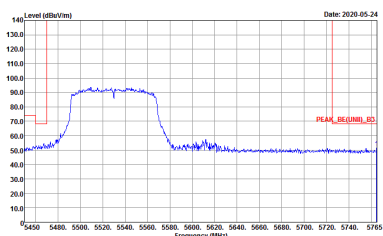


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11ac VHT80 CH106 5530MHz - R	
	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01 Setting : 15</p>	Left blank

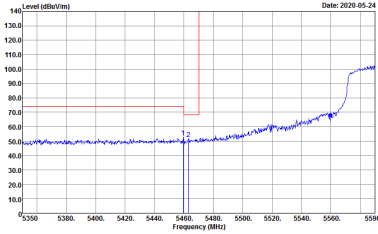
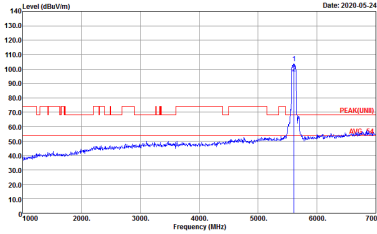
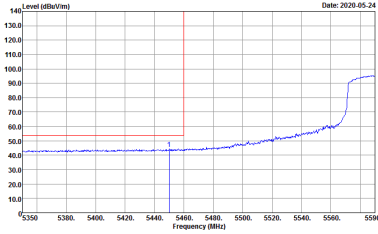


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11ac VHT80 CH106 5530MHz - L		
Vertical		Fundamental
Peak	 <p>           Site : 03CH15-HY            Condition : PEAK_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15         </p>	 <p>           Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15         </p>
Avg.	 <p>           Site : 03CH15-HY            Condition : AVG_BE(UNII)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:10.000KHz SWT:Auto            Detector : Peak            Project : 021246-01            Setting : 15         </p>	Left blank

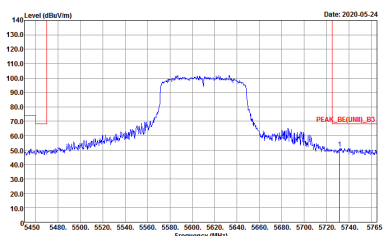


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11ac VHT80 CH106 5530MHz - R	
	Vertical	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Project : Peak Setting : 021246-01 Setting : 15</p>	Left blank



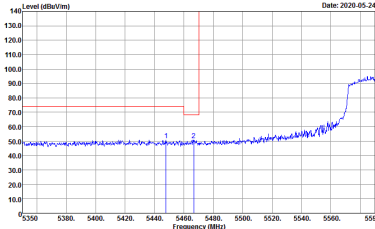
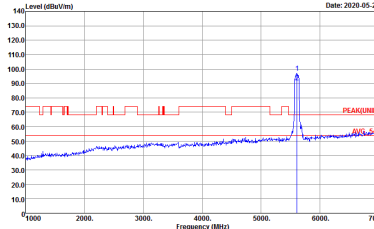
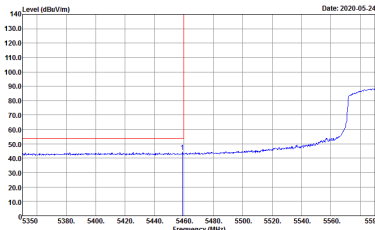
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11ac VHT80 CH122 5610MHz - L		
Horizontal		Fundamental
Peak	 <p>Site : 03CH15-HY            Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Site : 03CH15-HY            Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL            RBW:1000.000KHz VBW:10.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



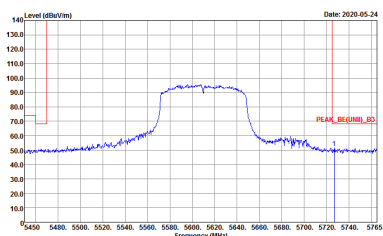
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11ac VHT80 CH122 5610MHz - R	
	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Defector : Peak Project : 021246-01</p>	Left blank





WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
802.11ac VHT80 CH122 5610MHz - L		
Vertical		Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5610 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5350 to 5590 MHz. A red vertical line marks the peak at 5610 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5610 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 0 to 7000 MHz. A red vertical line marks the peak at 5610 MHz.</p> <p>Site : 03CH15-HY            Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average spectrum. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5350 to 5590 MHz. A red vertical line marks the peak at 5610 MHz.</p> <p>Site : 03CH15-HY            Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL            RBW:1000.000KHz VBW:10.000KHz SWT:Auto            Detector : Peak            Project : 021246-01</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
	802.11ac VHT80 CH122 5610MHz - R	
	Vertical	Fundamental
<b>Peak</b>	 <p>Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector : Peak Project : 021246-01</p>	<b>Left blank</b>



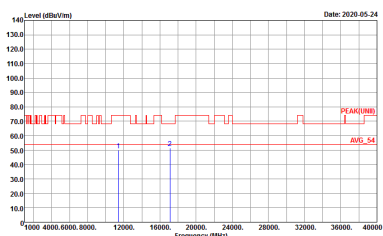
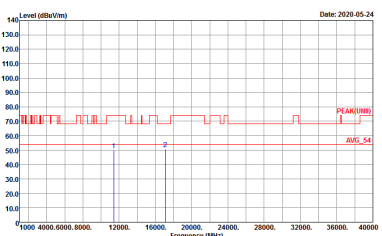
**Band 3 - 5470~5725MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
	802.11a CH100 5500MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-1F Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-1F Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
	802.11a CH116 5580MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
802.11a CH140 5700MHz		
Horizontal		Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Site : 03CH15-HY          Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL          Detector : Peak          Project : 021246-01</p>	 <p>Site : 03CH15-HY          Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL          Detector : Peak          Project : 021246-01</p>



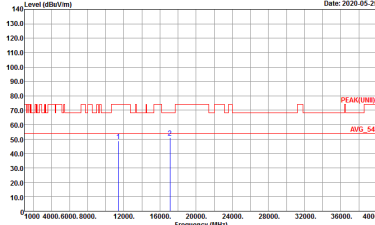
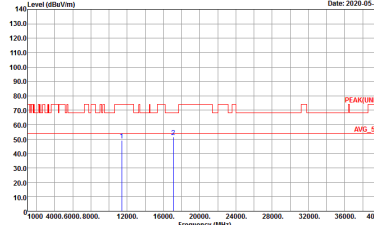
Band 3 5470~5725MHz  
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
	802.11n HT20 CH100 5500MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
	802.11n HT20 CH116 5580MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
802.11n HT20 CH140 5700MHz		
Horizontal		Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL            Detector : Peak            Project : 021246-01</p>	 <p>Site : 03CH15-HY            Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL            Detector : Peak            Project : 021246-01</p>





Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBu/m) vs Frequency (MHz) with Peak and Avg. markers. Includes site and condition details for each plot.



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
	802.11n HT40 CH110 5550MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
	802.11n HT40 CH134 5670MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBu/m) vs Frequency (MHz) with Peak and Avg markers. Includes metadata like Site, Condition, Detector, and Project.



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
	802.11ac VHT80 CH122 5610MHz	
	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 021246-01</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 021246-01</p>



Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

Table with 2 columns: Horizontal and Vertical. Each column contains a graph of Level (dBuV/m) vs Frequency (MHz) and associated test parameters like Site, Condition, Detector, and Project.

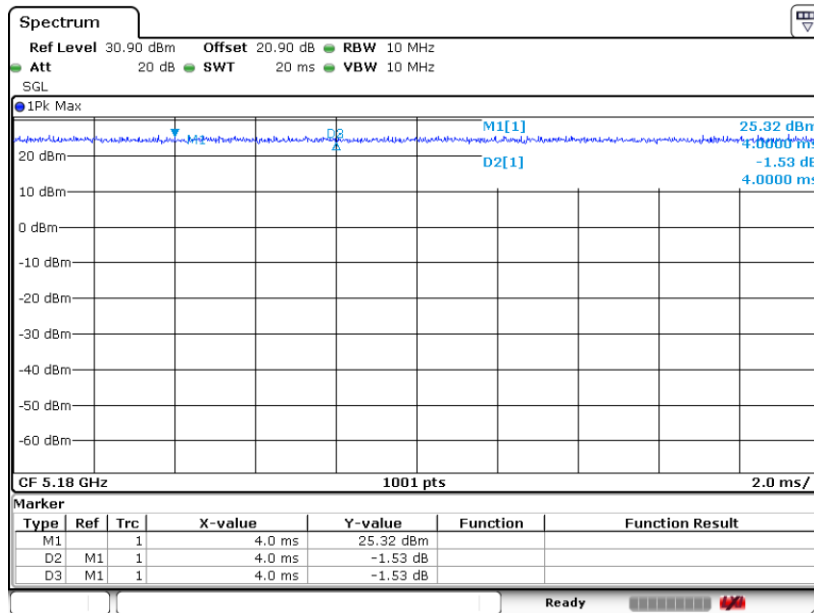
QP / Peak



### Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	100.00	-	-	10Hz	0.00
5GHz 802.11n HT20	100.00	-	-	10Hz	0.00
5GHz 802.11n HT40	100.00	-	-	10Hz	0.00
5GHz 802.11ac VHT80	86.27	248	4.03	10kHz	0.64

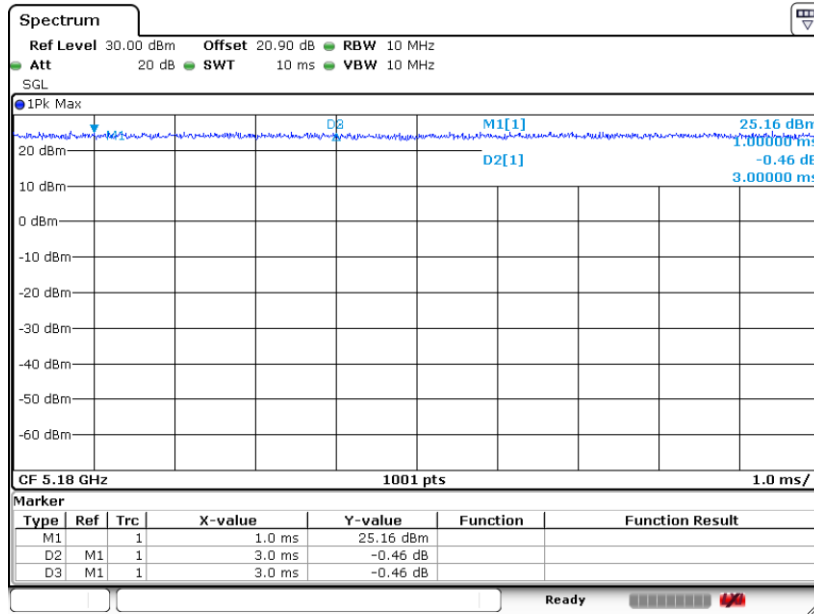
#### 802.11a



Date: 8.MAY.2020 14:10:57

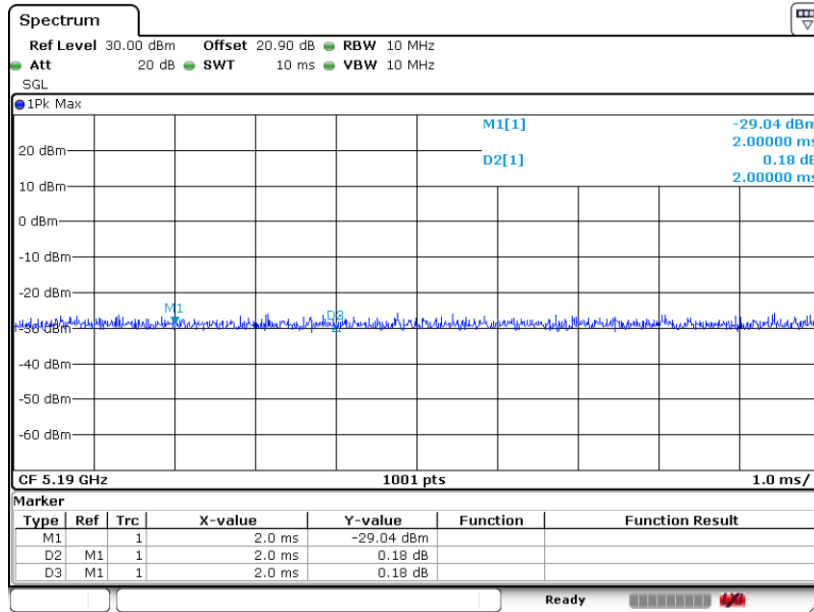


802.11n HT20



Date: 8.MAY.2020 14:15:24

802.11n HT40

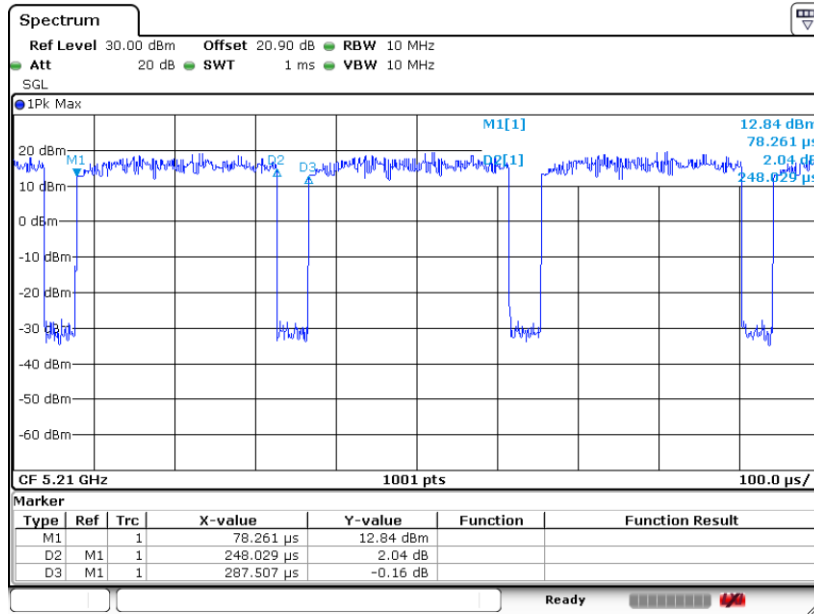


Date: 8.MAY.2020 14:19:30





802.11ac VHT80



Date: 8.MAY.2020 17:14:28