FCC RF Test Report

APPLICANT	:	Amazon.com Services LLC
EQUIPMENT	:	Digital Media Receiver
MODEL NAME	:	H97N6S
FCC ID	:	2A4DH-1022
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Sep. 29, 2022 ~ Dec. 03, 2022

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR1D0301-03D	Rev. 01	Initial issue of report	Dec. 09, 2022
FR1D0301-03D	Rev. 02	1. Appendix C: (1) Add fundamental frequency note symbol "*" (2) Modify "calculation example" 2. Update Conducted Emission setup Photographs	Feb. 02, 2023
FR1D0301-03D	Rev. 03	Update test mode	May 02, 2023

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Report only
3.1	15.403(i)	6dB Bandwidth for straddle channels	> 500kHz	Pass
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	Pass
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm/MHz	Pass
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass
3.5	15.207	AC Conducted Emission	15.207(a)	Pass
3.6	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	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.

1 General Description

1.1 Applicant

Amazon.com Services LLC
410 Terry Avenue N Seattle, WA 98109-5210 United States

1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	H97N6S
FCC ID	2A4DH-1022
SN Code	Conducted: POB2RQ0121740AE3 Conduction: G092360523870021 Radiation: G092370523860039

1.3 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** 802.11a : 18.37 dBm / 0.0687 W 802.11n HT20 : 16.50 dBm / 0.0447 W 802.11n HT40 : 16.43 dBm / 0.0440 W 802.11ac VHT20 : 16.42 dBm / 0.0439 W 802.11ac VHT40 : 16.35 dBm / 0.0432 W 802.11ac VHT80 : 16.27 dBm / 0.0424 W **<5260 MHz ~ 5320 MHz>** 802.11a : 17.88 dBm / 0.0614 W 802.11n HT20 : 15.99 dBm / 0.0397 W 802.11n HT40 : 15.91 dBm / 0.0390 W 802.11ac VHT20 : 15.96 dBm / 0.0394 W 802.11ac VHT40 : 15.81 dBm / 0.0381 W 802.11ac VHT80 : 15.80 dBm / 0.0380 W **<5500 MHz ~ 5720 MHz >** 802.11a : 18.18 dBm / 0.0658 W 802.11n HT20 : 16.15 dBm / 0.0412 W 802.11n HT40 : 16.16 dBm / 0.0413 W 802.11ac VHT20 : 16.11 dBm / 0.0408 W 802.11ac VHT40 : 16.11 dBm / 0.0408 W 802.11ac VHT80 : 16.14 dBm / 0.0411 W
99% Occupied Bandwidth	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.93 MHz 802.11n HT20 : 17.73 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.40 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.88 MHz 802.11n HT20 : 17.73 MHz

	802.11n HT40 : 36.26 MHz 802.11ac VHT80 : 75.52 MHz **<5500 MHz ~ 5700 MHz >** 802.11a : 16.88 MHz 802.11n HT20 : 17.73 MHz 802.11n HT40 : 36.26 MHz 802.11ac VHT80 : 75.52 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** IFA Antenna with gain 5.2 dBi **<5260 MHz ~ 5320 MHz>** IFA Antenna with gain 5.5 dBi **<5500 MHz ~ 5720 MHz>** IFA Antenna with gain 4.7 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Note: For 802.11n HT20 / ac VHT20 and 802.11n HT40 / ac VHT40 mode, the whole testing have assessed only 802.11n HT20/HT40 by referring to their maximum conducted power.

1.4 Modification of EUT

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

1.5 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO02-SZ 03CH02-SZ	CN1256	421272

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a
2.	CO02-SZ	Rohde&Schwarz	EMC32	10.60.0.0

1.7 Applicable Standards

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

- 47 CFR Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ANSI C63.10-2013

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

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 (X 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)
5180-5240 MHz 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)
5260-5320 MHz 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)
5500- 5720 MHz U-NII-2C	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138#	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "#" 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 VHT80	**MCS0**

Simultaneous transmission
802.11ac VHT80 CH42 Tx + Bluetooth LE(2Mbps) CH39 Tx

Test Cases	
AC Conducted Emission	Mode 1 : All Stress + Bluetooth Link + WLAN Link(5G) + Adapter(PA27NA)

Remark:

1. For Radiated Test Cases, The tests were performed with Adapter.

2. RSE Co-location modes are combination from the worst WLAN TX mode and BT Link mode.

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C:5500- 5720 MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C:5500- 5720 MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

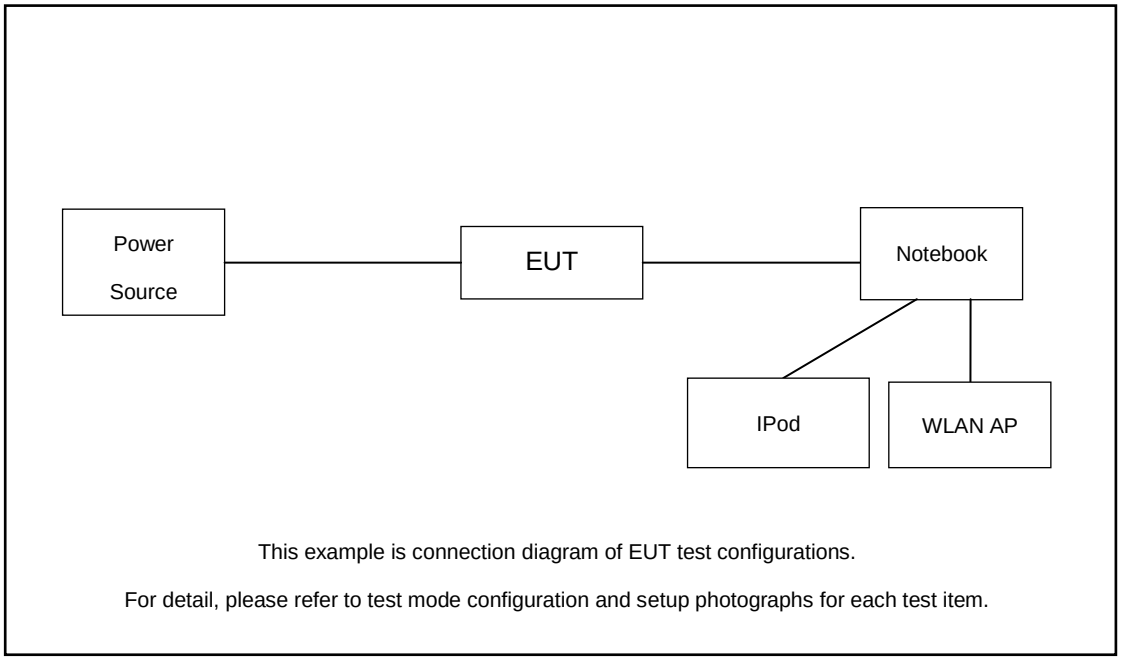
Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C:5500- 5720 MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C:5500- 5720 MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

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

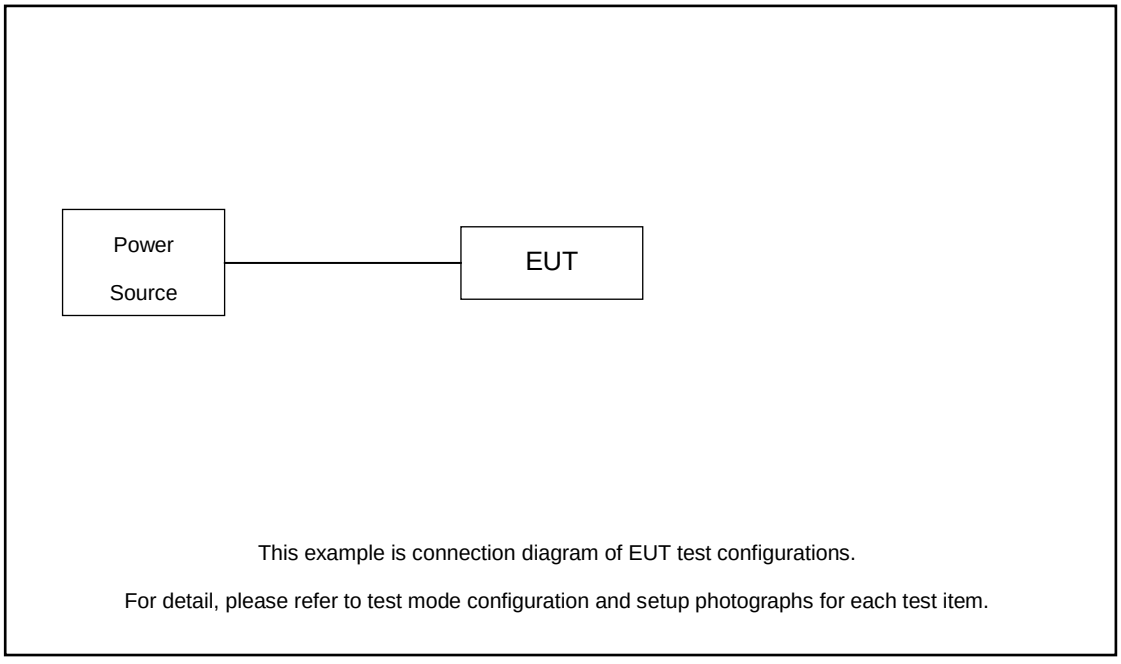
For AC Conducted Emission:



This example is connection diagram of EUT test configurations.

For detail, please refer to test mode configuration and setup photographs for each test item.

For Radiated Emission:



This example is connection diagram of EUT test configurations.

For detail, please refer to test mode configuration and setup photographs for each test item.

2.4 Support Unit used in test configuration and system

Item	Equipment	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	RT-AC66U	Fcc DoC	N/A	Shielded, 1.0m
2.	Notebook	Inspiron 15-7570	Fcc DoC	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
3.	IPod	MC525 ZP/A	Fcc DoC	Shielded, 1.0m	N/A

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to Tx mode for continuous transmit.

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 2.8 dB and 10dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 2.8 + 10 = 12.8 (dB)

3 Test Result

3.1 6dB & 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB & 26dB & 99% Occupied Bandwidth

The minimum 6 dB bandwidth for straddle channels located in UNII-3 shall be at least 500 kHz.
26dB and 99% Occupied bandwidth are reporting only.

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

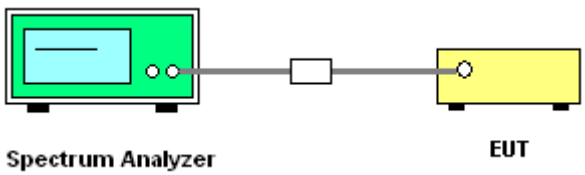
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 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 for the band 5.725-5.85GHz
2. For 6dB BW, Set RBW = 100kHz.
   For 26dB BW, Set RBW = approximately 1% of the emission bandwidth.
   For 99% OBW, Set RBW = 1% to 5% of the OBW.
3. For 26dB BW, Set the VBW > RBW.
   For 6dB BW & 99% OBW, Set the VBW ≥ 3 x RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

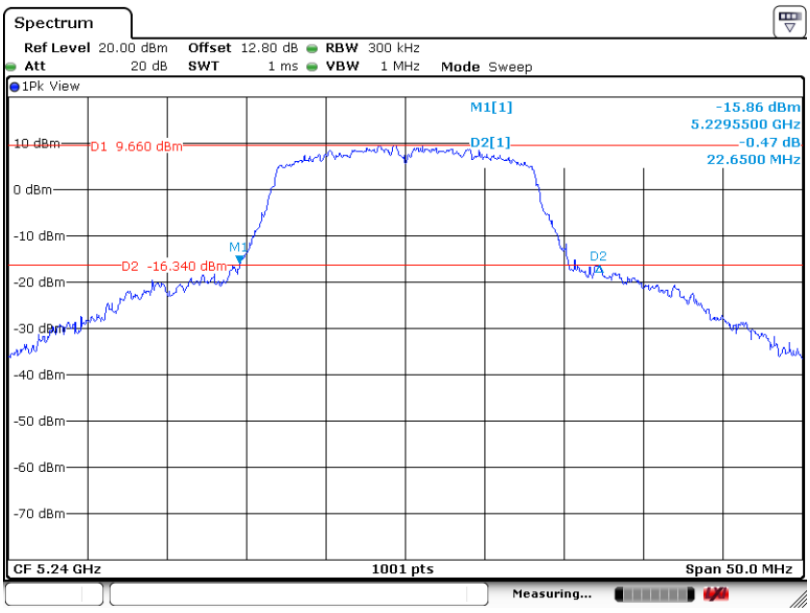
3.1.4 Test Setup



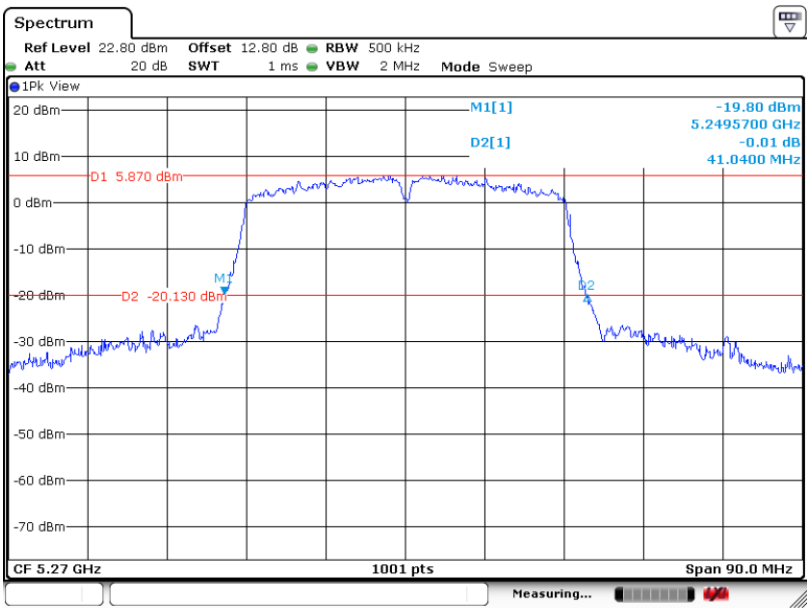
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

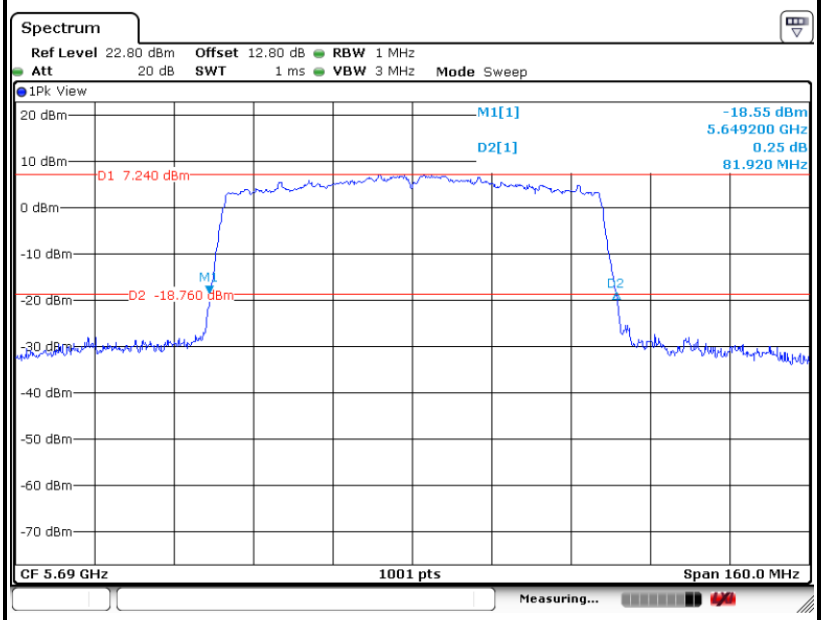
Maximum 26dB Bandwidth for 20M BW



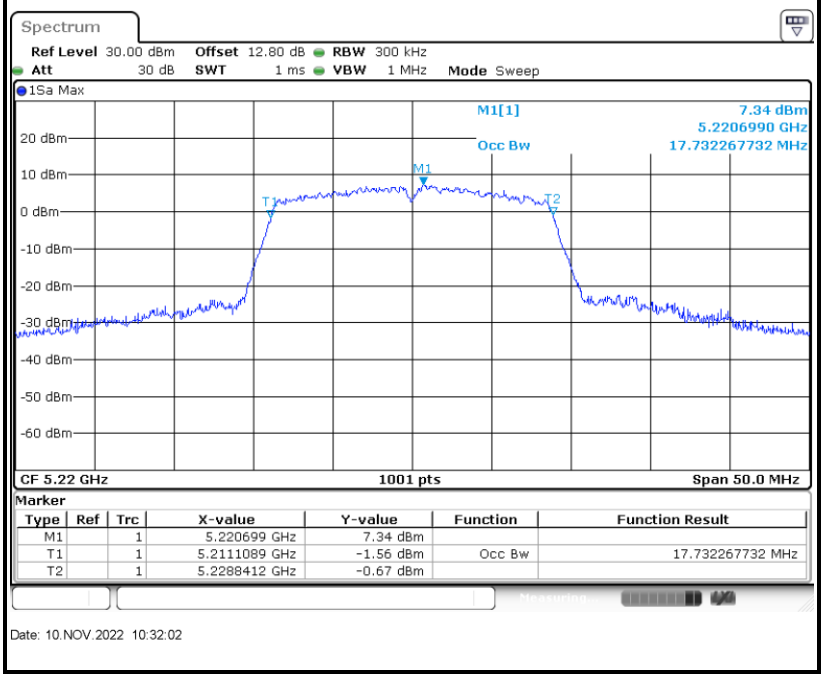
Maximum 26dB Bandwidth for 40M BW



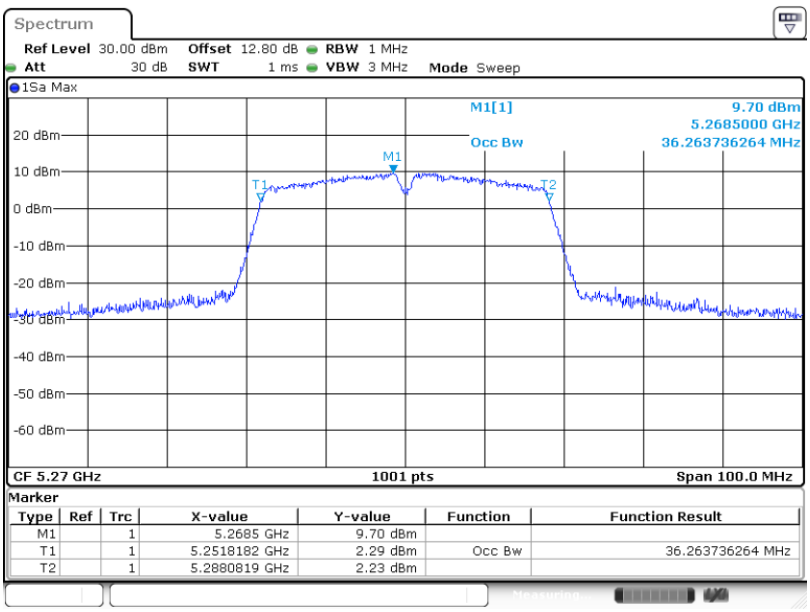
Maximum 26dB Bandwidth for 80M BW



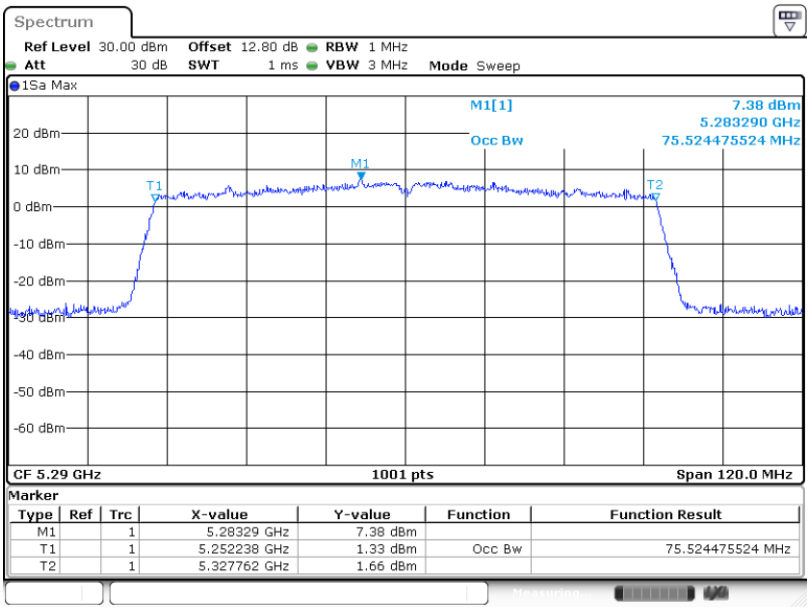
Maximum 99% Occupied Bandwidth for 20M BW



Maximum 99% Occupied Bandwidth for 40M BW



Maximum 99% Occupied Bandwidth for 80M BW

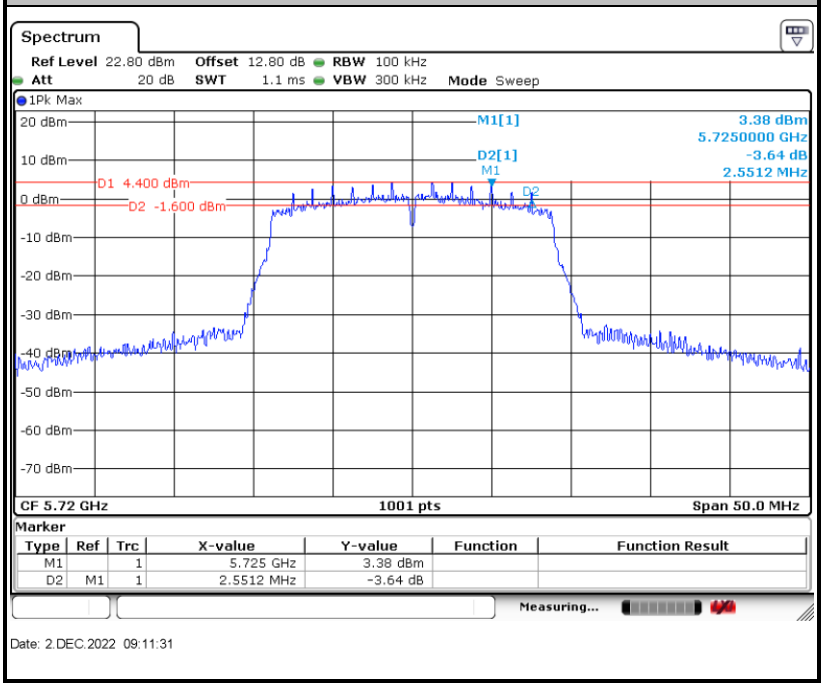


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

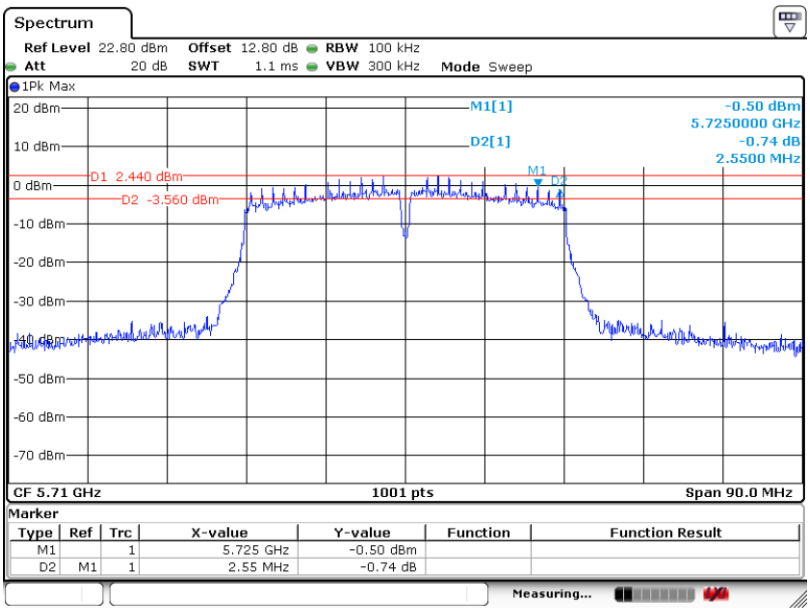
3.1.6 Test Result of 6dB Bandwidth for Straddle Channels

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 1	
11a	6Mbps	1	144	5720	2.55	0.5	Pass
HT20	MCS0	1	144	5720	2.55	0.5	Pass
HT40	MCS0	1	142	5710	2.55	0.5	Pass
VHT80	MCS0	1	138	5690	2.56	0.5	Pass

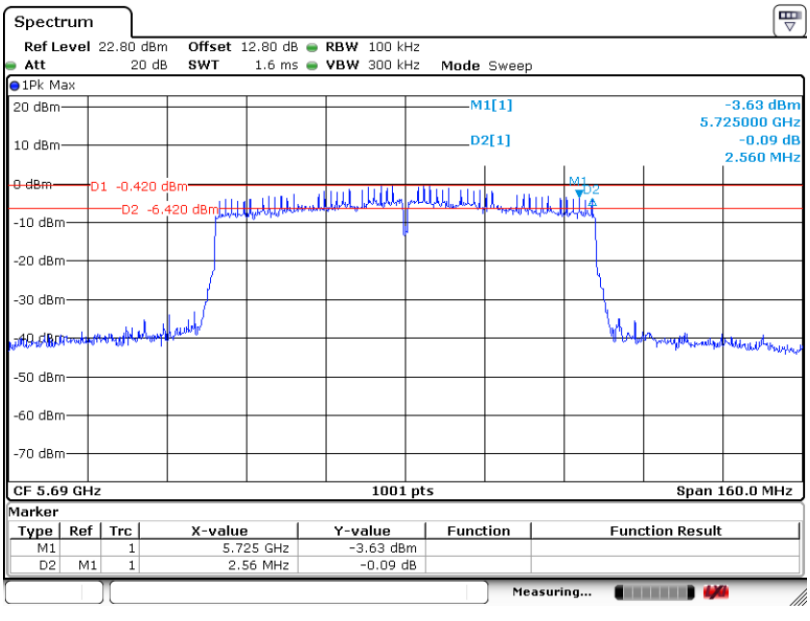
Minimum 6dB Bandwidth for CH144



Minimum 6dB Bandwidth for CH142



Minimum 6dB Bandwidth for CH138



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

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 the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm +10 log 10 B, where B is the 26 dB emission bandwidth in megahertz.

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

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

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

3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

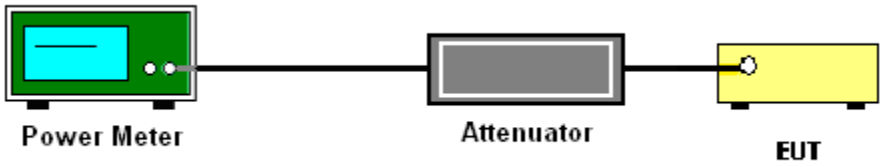
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is the duty cycle.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

For the 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

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

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

3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

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

 # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

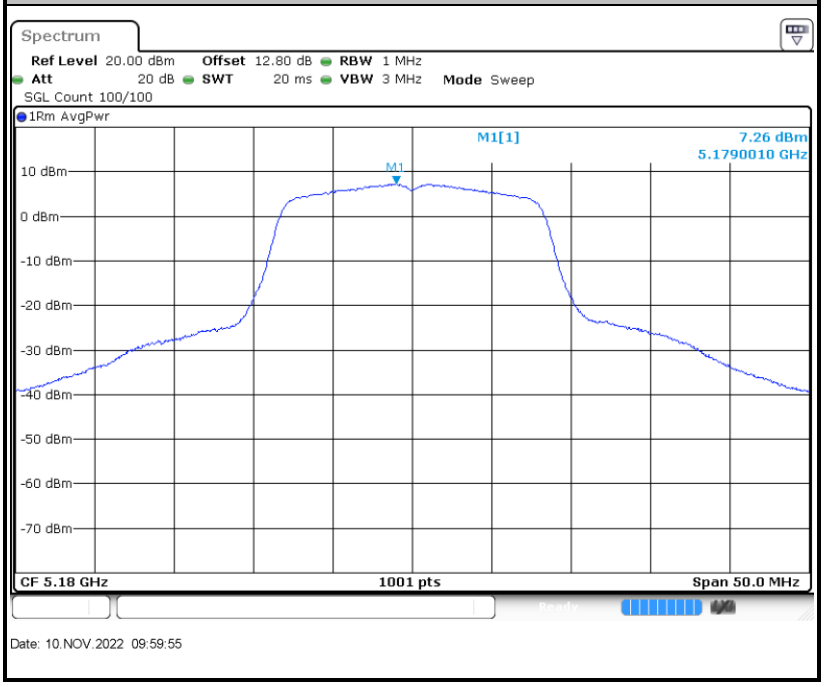
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup

3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



Note: Average Power Density (dB) = Measured value+ Duty Factor

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 5470-5725 MHz band: all emissions outside of the 5470-5725 MHz 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

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

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

$$EIRP = E_{Meas} + 20\log(d_{Meas}) - 104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 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 ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

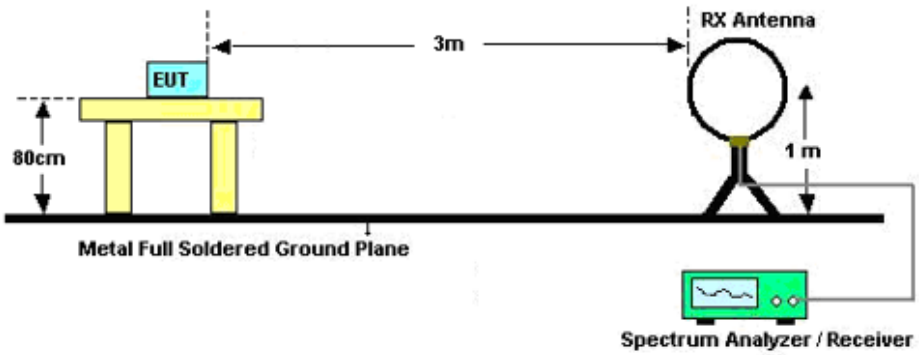
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 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.

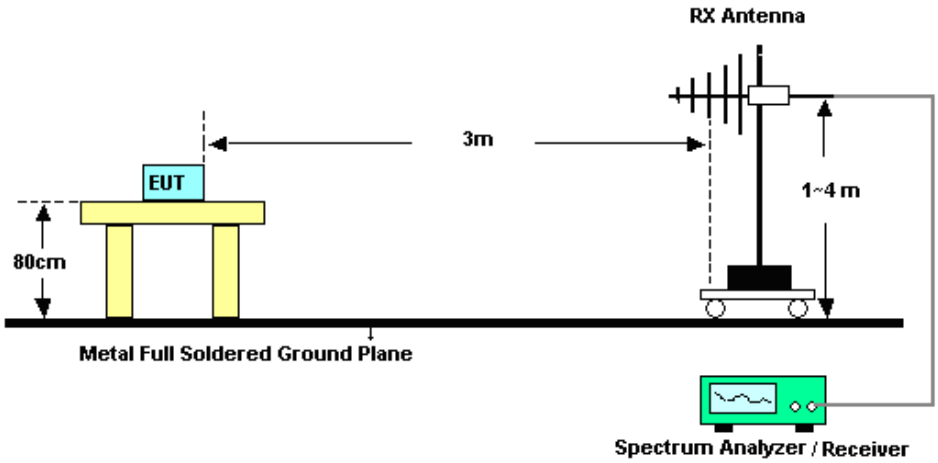
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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 peak 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

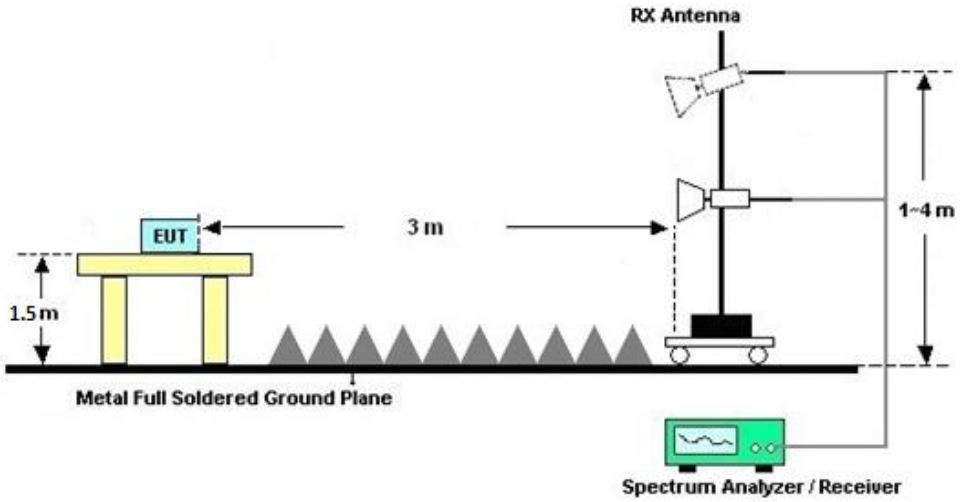
For radiated emissions below 30MHz



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 semi-Anechoic chamber, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C&D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix C&D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

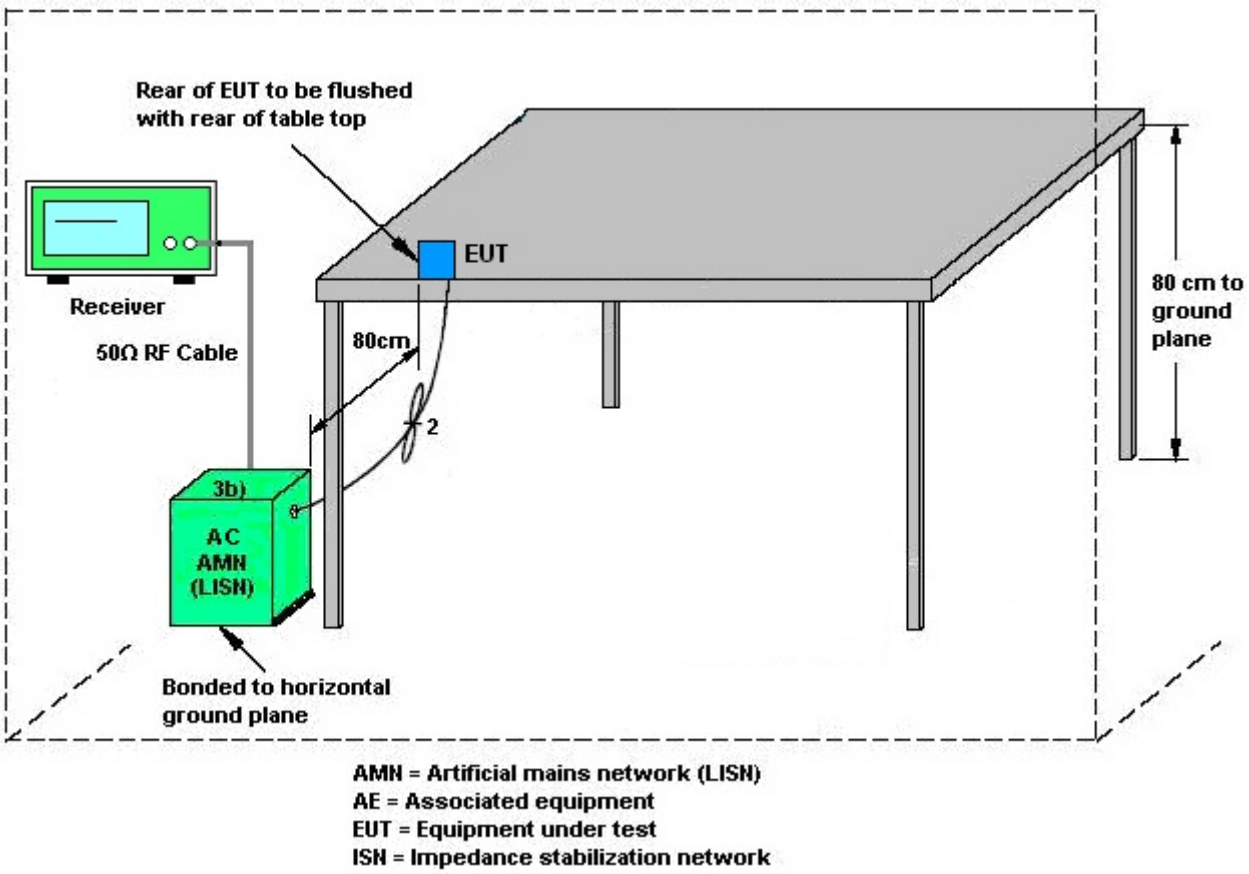
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 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 Antenna Requirements

3.6.1 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.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 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
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 07, 2022	Nov. 10, 2022~ Dec. 02, 2022	Apr. 06, 2023	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 28, 2021	Nov. 10, 2022~ Dec. 02, 2022	Dec. 27, 2022	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1542004	50MHz Bandwidth	Dec. 28, 2021	Nov. 10, 2022~ Dec. 02, 2022	Dec. 27, 2022	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 07, 2022	Sep. 29, 2022~ Nov. 15, 2022	Jul. 06, 2023	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jul. 28, 2022	Sep. 29, 2022~ Nov. 15, 2022	Jul. 27, 2023	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Sep. 28, 2022	Sep. 29, 2022~ Nov. 15, 2022	Sep. 27, 2023	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 07, 2022	Sep. 29, 2022~ Nov. 15, 2022	Jul. 06, 2023	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 07, 2022	Sep. 29, 2022~ Nov. 15, 2022	Jul. 06, 2023	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 10, 2022	Sep. 29, 2022~ Nov. 15, 2022	Apr. 09, 2023	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 20, 2021	Sep. 29, 2022~ Nov. 15, 2022	Oct. 19, 2022	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 19, 2022		Oct. 18, 2023	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 20, 2021	Sep. 29, 2022~ Nov. 15, 2022	Oct. 19, 2022	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 19, 2022		Oct. 18, 2023	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 20, 2021	Sep. 29, 2022~ Nov. 15, 2022	Oct. 19, 2022	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 19, 2022		Oct. 18, 2023	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Nov. 11, 2021	Sep. 29, 2022~ Nov. 15, 2022	Nov. 10, 2022	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Nov. 10, 2022		Nov. 09, 2023	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Sep. 29, 2022~ Nov. 15, 2022	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Sep. 29, 2022~ Nov. 15, 2022	NCR	Radiation (03CH02-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 06, 2022	Dec. 03, 2022	Jul. 05, 2023	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 06, 2022	Dec. 03, 2022	Jul. 05, 2023	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	NCR	Dec. 03, 2022	NCR	Conduction (CO02-SZ)

NCR: No Calibration Required

5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±1.34 dB
Conducted Emissions	±1.34 dB
Occupied Channel Bandwidth	±0.13 %
Conducted Power Spectral Density	±1.32 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.2dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1dB

---------- THE END ----------

Appendix A. Conducted Test Results

Test Engineer:	Liu Qiu Qiu	Temperature:	24~26	°C
Test Date:	2022/11/10~2022/12/2	Relative Humidity:	50~53	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1										
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)		
11a	6Mbps	1	36	5180	16.83	20.50	-	22.26		
11a	6Mbps	1	44	5220	16.93	21.00	-	22.29		
11a	6Mbps	1	48	5240	16.93	22.65	-	22.29		
HT20	MCS0	1	36	5180	17.68	20.50	-	22.48		
HT20	MCS0	1	44	5220	17.73	20.55	-	22.49		
HT20	MCS0	1	48	5240	17.73	20.65	-	22.49		
HT40	MCS0	1	38	5190	36.16	40.59	-	23.01		
HT40	MCS0	1	46	5230	36.16	40.68	-	23.01		
VHT80	MCS0	1	42	5210	75.40	81.60	-	23.01		

TEST RESULTS DATA
Average Power Table

U-NII-1										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6Mbps	1	36	5180	0.16	18.37	24.00	5.20		Pass
11a	6Mbps	1	44	5220	0.16	18.11	24.00	5.20		Pass
11a	6Mbps	1	48	5240	0.16	18.24	24.00	5.20		Pass
HT20	MCS0	1	36	5180	0.19	16.50	24.00	5.20		Pass
HT20	MCS0	1	44	5220	0.19	16.14	24.00	5.20		Pass
HT20	MCS0	1	48	5240	0.19	16.19	24.00	5.20		Pass
HT40	MCS0	1	38	5190	0.35	16.43	24.00	5.20		Pass
HT40	MCS0	1	46	5230	0.35	16.36	24.00	5.20		Pass
VHT20	MCS0	1	36	5180	0.21	16.42	24.00	5.20		Pass
VHT20	MCS0	1	44	5220	0.21	16.11	24.00	5.20		Pass
VHT20	MCS0	1	48	5240	0.21	16.16	24.00	5.20		Pass
VHT40	MCS0	1	38	5190	0.35	16.35	24.00	5.20		Pass
VHT40	MCS0	1	46	5230	0.35	16.30	24.00	5.20		Pass
VHT80	MCS0	1	42	5210	0.67	16.27	24.00	5.20		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-1										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	-	Pass/Fail
11a	6Mbps	1	36	5180	0.16	7.42	11.00	5.20		Pass
11a	6Mbps	1	44	5220	0.16	7.04	11.00	5.20		Pass
11a	6Mbps	1	48	5240	0.16	7.35	11.00	5.20		Pass
HT20	MCS0	1	36	5180	0.19	5.26	11.00	5.20		Pass
HT20	MCS0	1	44	5220	0.19	5.03	11.00	5.20		Pass
HT20	MCS0	1	48	5240	0.19	4.70	11.00	5.20		Pass
HT40	MCS0	1	38	5190	0.35	2.44	11.00	5.20		Pass
HT40	MCS0	1	46	5230	0.35	2.06	11.00	5.20		Pass
VHT80	MCS0	1	42	5210	0.67	-0.69	11.00	5.20		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A										
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
11a	6M bps	1	52	5260	16.88	20.50	23.27	29.27	23.98	
11a	6M bps	1	60	5300	16.88	20.60	23.27	29.27	23.98	
11a	6M bps	1	64	5320	16.88	20.55	23.27	29.27	23.98	
HT20	MCS 0	1	52	5260	17.73	20.55	23.49	29.49	23.98	
HT20	MCS 0	1	60	5300	17.73	20.60	23.49	29.49	23.98	
HT20	MCS 0	1	64	5320	17.73	20.55	23.49	29.49	23.98	
HT40	MCS 0	1	54	5270	36.26	41.04	23.98	30.00	23.98	
HT40	MCS 0	1	62	5310	36.16	40.59	23.98	30.00	23.98	
VHT80	MCS 0	1	58	5290	75.52	81.44	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

U-NII-2A										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
11a	6M bps	1	52	5260	0.16	17.78	23.98	5.50	26.99	Pass
11a	6M bps	1	60	5300	0.16	17.82	23.98	5.50	26.99	Pass
11a	6M bps	1	64	5320	0.16	17.88	23.98	5.50	26.99	Pass
HT20	MCS 0	1	52	5260	0.19	15.85	23.98	5.50	26.99	Pass
HT20	MCS 0	1	60	5300	0.19	15.71	23.98	5.50	26.99	Pass
HT20	MCS 0	1	64	5320	0.19	15.99	23.98	5.50	26.99	Pass
HT40	MCS 0	1	54	5270	0.35	15.86	23.98	5.50	26.99	Pass
HT40	MCS 0	1	62	5310	0.35	15.91	23.98	5.50	26.99	Pass
VHT20	MCS 0	1	52	5260	0.21	15.81	23.98	5.50	26.99	Pass
VHT20	MCS 0	1	60	5300	0.21	15.63	23.98	5.50	26.99	Pass
VHT20	MCS 0	1	64	5320	0.21	15.96	23.98	5.50	26.99	Pass
VHT40	MCS 0	1	54	5270	0.35	15.80	23.98	5.50	26.99	Pass
VHT40	MCS 0	1	62	5310	0.35	15.81	23.98	5.50	26.99	Pass
VHT80	MCS 0	1	58	5290	0.67	15.80	23.98	5.50	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	52	5260	0.16	6.79	11.00	5.50		Pass
11a	6M bps	1	60	5300	0.16	6.79	11.00	5.50		Pass
11a	6M bps	1	64	5320	0.16	6.87	11.00	5.50		Pass
HT20	MCS 0	1	52	5260	0.19	4.59	11.00	5.50		Pass
HT20	MCS 0	1	60	5300	0.19	4.60	11.00	5.50		Pass
HT20	MCS 0	1	64	5320	0.19	4.77	11.00	5.50		Pass
HT40	MCS 0	1	54	5270	0.35	1.76	11.00	5.50		Pass
HT40	MCS 0	1	62	5310	0.35	1.86	11.00	5.50		Pass
VHT80	MCS 0	1	58	5290	0.67	-1.30	11.00	5.50		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C										
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
11a	6M bps	1	100	5500	16.88	20.50	23.27	29.27	23.98	
11a	6M bps	1	116	5580	16.88	20.55	23.27	29.27	23.98	
11a	6M bps	1	140	5700	16.83	20.40	23.26	29.26	23.98	
11a	6Mbps	1	144	5720	16.83	20.40	23.26	29.26	23.98	
HT20	MCS 0	1	100	5500	17.68	20.50	23.48	29.48	23.98	
HT20	MCS 0	1	116	5580	17.73	20.55	23.49	29.49	23.98	
HT20	MCS 0	1	140	5700	17.73	20.50	23.49	29.49	23.98	
HT20	MCS0	1	144	5720	17.73	20.50	23.49	29.49	23.98	
HT40	MCS 0	1	102	5510	36.16	40.77	23.98	30.00	23.98	
HT40	MCS 0	1	110	5550	36.26	40.95	23.98	30.00	23.98	
HT40	MCS 0	1	134	5670	36.16	40.95	23.98	30.00	23.98	
HT40	MCS0	1	142	5710	36.26	40.86	23.98	30.00	23.98	
VHT80	MCS 0	1	106	5530	75.40	81.76	23.98	30.00	23.98	
VHT80	MCS 0	1	122	5610	75.52	81.76	23.98	30.00	23.98	
VHT80	MCS0	1	138	5690	75.52	81.92	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

U-NII-2C										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
11a	6M bps	1	100	5500	0.16	18.18	23.98	4.70	26.99	Pass
11a	6M bps	1	116	5580	0.16	17.66	23.98	4.70	26.99	Pass
11a	6M bps	1	140	5700	0.16	17.68	23.98	4.70	26.99	Pass
11a	6M bps	1	144	5720	0.16	17.61	23.98	4.70	26.99	Pass
HT20	MCS 0	1	100	5500	0.19	16.15	23.98	4.70	26.99	Pass
HT20	MCS 0	1	116	5580	0.19	15.62	23.98	4.70	26.99	Pass
HT20	MCS 0	1	140	5700	0.19	15.65	23.98	4.70	26.99	Pass
HT20	MCS 0	1	144	5720	0.19	15.52	23.98	4.70	26.99	Pass
HT40	MCS 0	1	102	5510	0.35	16.16	23.98	4.70	26.99	Pass
HT40	MCS 0	1	110	5550	0.35	15.73	23.98	4.70	26.99	Pass
HT40	MCS 0	1	134	5670	0.35	15.77	23.98	4.70	26.99	Pass
HT40	MCS 0	1	142	5710	0.35	15.65	23.98	4.70	26.99	Pass
VHT20	MCS 0	1	100	5500	0.21	16.11	23.98	4.70	26.99	Pass
VHT20	MCS 0	1	116	5580	0.21	15.60	23.98	4.70	26.99	Pass
VHT20	MCS 0	1	140	5700	0.21	15.62	23.98	4.70	26.99	Pass
VHT20	MCS 0	1	144	5720	0.21	15.44	23.98	4.70	26.99	Pass
VHT40	MCS 0	1	102	5510	0.35	16.11	23.98	4.70	26.99	Pass
VHT40	MCS 0	1	110	5550	0.35	15.63	23.98	4.70	26.99	Pass
VHT40	MCS 0	1	134	5670	0.35	15.67	23.98	4.70	26.99	Pass
VHT40	MCS 0	1	142	5710	0.35	15.59	23.98	4.70	26.99	Pass
VHT80	MCS 0	1	106	5530	0.67	15.91	23.98	4.70	26.99	Pass
VHT80	MCS 0	1	122	5610	0.67	16.14	23.98	4.70	26.99	Pass
VHT80	MCS 0	1	138	5690	0.67	15.52	23.98	4.70	26.99	Pass

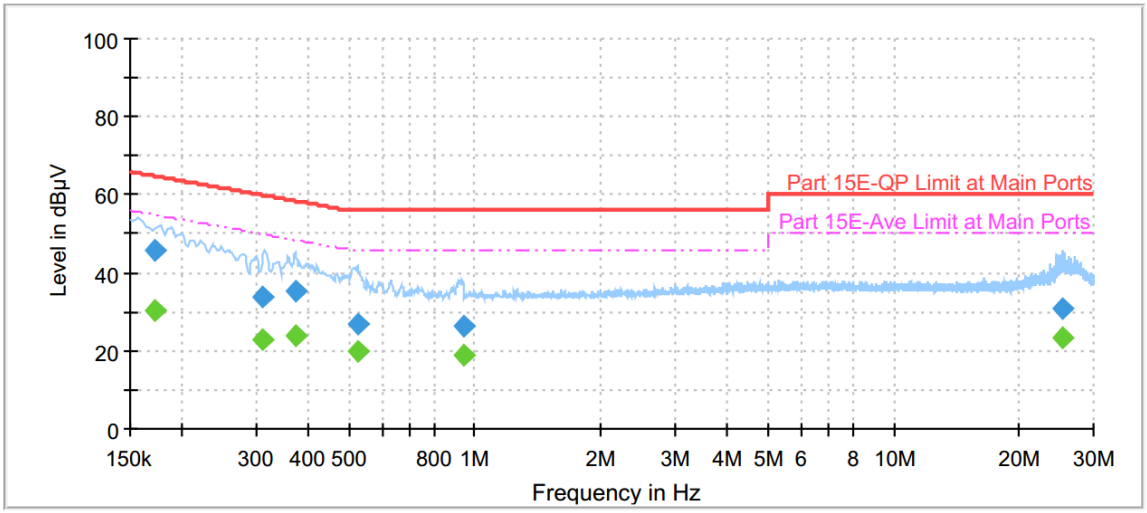
TEST RESULTS DATA
Power Spectral Density

U-NII-2C										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	100	5500	0.16	7.24	11.00	4.70		Pass
11a	6M bps	1	116	5580	0.16	7.19	11.00	4.70		Pass
11a	6M bps	1	140	5700	0.16	6.76	11.00	4.70		Pass
11a	6Mbps	1	144	5720	0.16	6.71	11.00	4.70		Pass
HT20	MCS 0	1	100	5500	0.19	5.28	11.00	4.70		Pass
HT20	MCS 0	1	116	5580	0.19	5.12	11.00	4.70		Pass
HT20	MCS 0	1	140	5700	0.19	4.50	11.00	4.70		Pass
HT20	MCS0	1	144	5720	0.19	4.54	11.00	4.70		Pass
HT40	MCS 0	1	102	5510	0.35	2.30	11.00	4.70		Pass
HT40	MCS 0	1	110	5550	0.35	2.42	11.00	4.70		Pass
HT40	MCS 0	1	134	5670	0.35	1.61	11.00	4.70		Pass
HT40	MCS0	1	142	5710	0.35	1.84	11.00	4.70		Pass
VHT80	MCS 0	1	106	5530	0.67	-0.62	11.00	4.70		Pass
VHT80	MCS 0	1	122	5610	0.67	-0.83	11.00	4.70		Pass
VHT80	MCS0	1	138	5690	0.67	-1.14	11.00	4.70		Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Zhang Tao	**Temperature :**	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

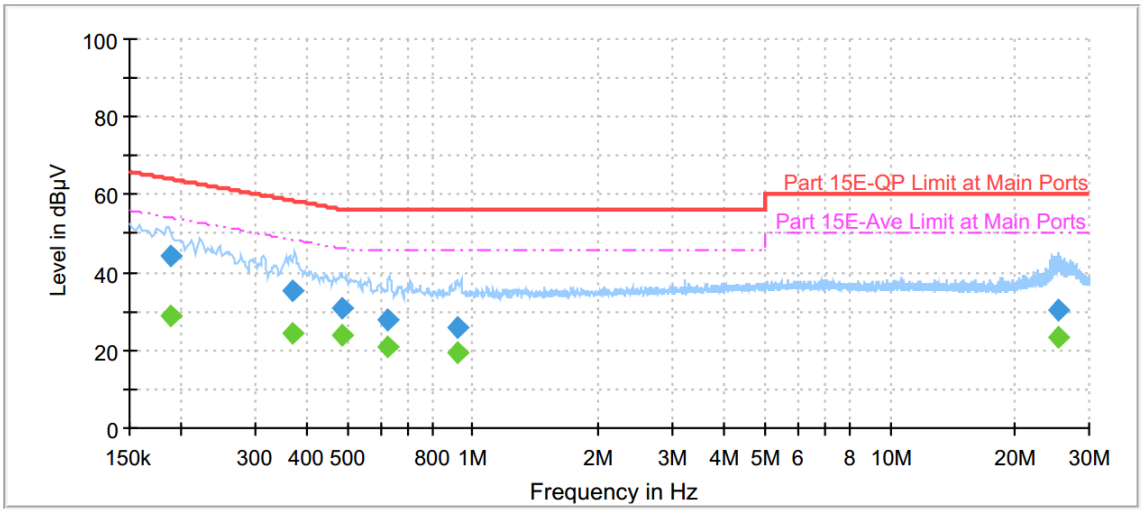


Final_Result

Frequency (MHz)	Quasi Peak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.172500	45.56	---	64.84	19.28	L1	OFF	19.7
0.172500	---	30.55	54.84	24.29	L1	OFF	19.7
0.309750	33.74	---	59.98	26.23	L1	OFF	19.7
0.309750	---	23.03	49.98	26.95	L1	OFF	19.7
0.371850	35.25	---	58.46	23.21	L1	OFF	19.7
0.371850	---	24.10	48.46	24.36	L1	OFF	19.7
0.528000	26.90	---	56.00	29.10	L1	OFF	19.7
0.528000	---	19.69	46.00	26.31	L1	OFF	19.7
0.937500	26.17	---	56.00	29.83	L1	OFF	19.8
0.937500	---	19.15	46.00	26.85	L1	OFF	19.8
25.280250	30.69	---	60.00	29.31	L1	OFF	20.5
25.280250	---	23.60	50.00	26.40	L1	OFF	20.5

Test Engineer :	Zhang Tao	**Temperature :**	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum



Final_Result

Frequency (MHz)	Quasi Peak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.188250	44.04	---	64.11	20.07	N	OFF	19.7
0.188250	---	28.83	54.11	25.28	N	OFF	19.7
0.370500	35.56	---	58.49	22.93	N	OFF	19.7
0.370500	---	24.41	48.49	24.08	N	OFF	19.7
0.487500	31.08	---	56.21	25.13	N	OFF	19.7
0.487500	---	23.76	46.21	22.45	N	OFF	19.7
0.624750	27.64	---	56.00	28.36	N	OFF	19.7
0.624750	---	20.93	46.00	25.07	N	OFF	19.7
0.917340	26.10	---	56.00	29.90	N	OFF	19.7
0.917340	---	19.22	46.00	26.78	N	OFF	19.7
25.289250	30.38	---	60.00	29.62	N	OFF	20.5
25.289250	---	23.33	50.00	26.67	N	OFF	20.5

Appendix C. Radiated Spurious Emission

U-NII-1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5145.6	58.18	-15.82	74	44.52	34.42	9.74	30.5	100	262	P	H
		5149.76	48.8	-5.2	54	35.14	34.42	9.74	30.5	100	262	A	H
	*	5180	110.4	-	-	96.67	34.45	9.78	30.5	100	262	P	H
	*	5180	102.99	-	-	89.26	34.45	9.78	30.5	100	262	A	H
		5149.24	53.26	-20.74	74	39.6	34.42	9.74	30.5	100	262	P	V
		5149.76	44.98	-9.02	54	31.32	34.42	9.74	30.5	100	262	A	V
	*	5180	105.87	-	-	92.14	34.45	9.78	30.5	100	262	P	V
	*	5180	98.99	-	-	85.26	34.45	9.78	30.5	100	262	A	V
802.11a CH 44 5220MHz		5111.02	54.57	-19.43	74	40.98	34.39	9.7	30.5	100	256	P	H
		5147.16	44.22	-9.78	54	30.56	34.42	9.74	30.5	100	256	A	H
	*	5220	110.55	-	-	96.76	34.47	9.82	30.5	100	256	P	H
	*	5220	103.05	-	-	89.26	34.47	9.82	30.5	100	256	A	H
		5353.2	51.94	-22.06	74	38.02	34.58	9.84	30.5	100	256	P	H
		5382	42.06	-11.94	54	28.11	34.61	9.84	30.5	100	256	A	H
		5142.22	52.69	-21.31	74	39.03	34.42	9.74	30.5	100	275	P	V
		5141.44	43.02	-10.98	54	29.36	34.42	9.74	30.5	100	275	A	V
	*	5220	108.06	-	-	94.27	34.47	9.82	30.5	100	275	P	V
	*	5220	101.02	-	-	87.23	34.47	9.82	30.5	100	275	A	V
		5451.6	52.97	-21.03	74	38.93	34.66	9.88	30.5	100	275	P	V
		5381.28	41.74	-12.26	54	27.79	34.61	9.84	30.5	100	275	A	V

802.11a CH 48 5240MHz		5132.34	52.72	-21.28	74	39.07	34.41	9.74	30.5	100	262	P	H
		5119.86	43.57	-10.43	54	29.94	34.39	9.74	30.5	100	262	A	H
	*	5240	110.22	-	-	96.41	34.49	9.82	30.5	100	262	P	H
	*	5240	103.07	-	-	89.26	34.49	9.82	30.5	100	262	A	H
		5373.6	51.61	-22.39	74	37.68	34.59	9.84	30.5	100	262	P	H
		5359.92	41.98	-12.02	54	28.06	34.58	9.84	30.5	100	262	A	H
		5085.28	52.42	-21.58	74	38.85	34.37	9.7	30.5	100	260	P	V
		5134.94	42.54	-11.46	54	28.89	34.41	9.74	30.5	100	260	A	V
	*	5240	106.7	-	-	92.89	34.49	9.82	30.5	100	260	P	V
	*	5240	99.43	-	-	85.62	34.49	9.82	30.5	100	260	A	V
		5397.12	52	-22	74	38.04	34.62	9.84	30.5	100	260	P	V
		5360.16	41.5	-12.5	54	27.58	34.58	9.84	30.5	100	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	48.3	-20	68.3	57.52	37.22	13.91	60.35	-	-	P	H
		15540	50.79	-23.21	74	53.19	40.13	16.04	58.57	-	-	P	H
		10360	48.59	-19.71	68.3	57.81	37.22	13.91	60.35	-	-	P	V
		15540	50.36	-23.64	74	52.76	40.13	16.04	58.57	-	-	P	V
802.11a CH 44 5220MHz		10440	47.4	-20.9	68.3	56.6	37.66	13.51	60.37	-	-	P	H
		15660	50.48	-23.52	74	53.13	40.6	15.56	58.81	-	-	P	H
		10440	47.58	-20.72	68.3	56.78	37.66	13.51	60.37	-	-	P	V
		15660	50.95	-23.05	74	53.6	40.6	15.56	58.81	-	-	P	V
802.11a CH 48 5240MHz		10480	46.06	-22.24	68.3	55.23	37.69	13.53	60.39	-	-	P	H
		15720	50.35	-23.65	74	53.11	40.62	15.57	58.95	-	-	P	H
		10480	46.35	-21.95	68.3	55.52	37.69	13.53	60.39	-	-	P	V
		15720	50.22	-23.78	74	52.98	40.62	15.57	58.95	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5104.26	53.81	-20.19	74	40.27	33.9	10.2	30.56	102	319	P	H
		5139.88	43.6	-10.4	54	29.96	34	10.24	30.6	102	319	A	H
802.11n	*	5180	106.57	-	-	92.98	34	10.28	30.69	102	319	P	H
HT20	*	5180	98.91	-	-	85.32	34	10.28	30.69	102	319	A	H
CH 36		5102.7	52.81	-21.19	74	39.27	33.9	10.2	30.56	109	321	P	V
5180MHz		5150	44.22	-9.78	54	30.63	34	10.24	30.65	109	321	A	V
	*	5180	106.28	-	-	92.69	34	10.28	30.69	109	321	P	V
	*	5180	98.95	-	-	85.36	34	10.28	30.69	109	321	A	V
		5147.68	53.22	-20.78	74	39.56	34.42	9.74	30.5	100	256	P	H
		5148.46	43.38	-10.62	54	29.72	34.42	9.74	30.5	100	256	A	H
	*	5220	107.82	-	-	94.03	34.47	9.82	30.5	100	256	P	H
	*	5220	101.02	-	-	87.23	34.47	9.82	30.5	100	256	A	H
802.11n		5407.68	51.21	-22.79	74	37.25	34.62	9.84	30.5	100	256	P	H
HT20		5379.36	41.56	-12.44	54	27.61	34.61	9.84	30.5	100	256	A	H
CH 44		5142.22	52.85	-21.15	74	39.19	34.42	9.74	30.5	100	276	P	V
5220MHz		5141.18	42.64	-11.36	54	28.98	34.42	9.74	30.5	100	276	A	V
	*	5220	105.11	-	-	91.32	34.47	9.82	30.5	100	276	P	V
	*	5220	98.02	-	-	84.23	34.47	9.82	30.5	100	276	A	V
		5370.24	51.15	-22.85	74	37.22	34.59	9.84	30.5	100	276	P	V
		5381.52	41.4	-12.6	54	27.45	34.61	9.84	30.5	100	276	A	V

		5140.4	53.28	-20.72	74	39.62	34.42	9.74	30.5	100	252	P	H
		5119.86	43.46	-10.54	54	29.83	34.39	9.74	30.5	100	252	A	H
	*	5240	107.93	-	-	94.12	34.49	9.82	30.5	100	252	P	H
	*	5240	101.04	-	-	87.23	34.49	9.82	30.5	100	252	A	H
802.11n		5372.64	52.02	-21.98	74	38.09	34.59	9.84	30.5	100	252	P	H
HT20		5359.92	41.84	-12.16	54	27.92	34.58	9.84	30.5	100	252	A	H
CH 48		5120.38	52.89	-21.11	74	39.26	34.39	9.74	30.5	100	277	P	V
5240MHz		5132.08	42.59	-11.41	54	28.94	34.41	9.74	30.5	100	277	A	V
	*	5240	104.37	-	-	90.56	34.49	9.82	30.5	100	277	P	V
	*	5240	97.07	-	-	83.26	34.49	9.82	30.5	100	277	A	V
		5414.88	50.99	-23.01	74	37.02	34.63	9.84	30.5	100	277	P	V
		5359.92	41.53	-12.47	54	27.61	34.58	9.84	30.5	100	277	A	V

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

U-NII-1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10360	46.53	-21.77	68.3	55.78	37.62	13.48	60.35	-	-	P	H
HT20		15540	50.76	-23.24	74	53.23	40.56	15.54	58.57	-	-	P	H
CH 36		10360	46.51	-21.79	68.3	55.76	37.62	13.48	60.35	-	-	P	V
5180MHz		15540	50.47	-23.53	74	52.94	40.56	15.54	58.57	-	-	P	V
802.11n		10440	47.21	-21.09	68.3	56.41	37.66	13.51	60.37	-	-	P	H
HT20		15660	50.66	-23.34	74	53.31	40.6	15.56	58.81	-	-	P	H
CH 44		10440	47.66	-20.64	68.3	56.86	37.66	13.51	60.37	-	-	P	V
5220MHz		15660	50.12	-23.88	74	52.77	40.6	15.56	58.81	-	-	P	V
802.11n		10480	47.7	-20.6	68.3	56.87	37.69	13.53	60.39	-	-	P	H
HT20		15720	50.38	-23.62	74	53.14	40.62	15.57	58.95	-	-	P	H
CH 48		10480	47.28	-21.02	68.3	56.45	37.69	13.53	60.39	-	-	P	V
5240MHz		15720	49.93	-24.07	74	52.69	40.62	15.57	58.95	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5145.86	56.31	-17.69	74	42.65	34.42	9.74	30.5	100	252	P	H
		5149.5	47.47	-6.53	54	33.81	34.42	9.74	30.5	100	252	A	H
	*	5190	104.26	-	-	90.53	34.45	9.78	30.5	100	252	P	H
	*	5190	96.98	-	-	83.25	34.45	9.78	30.5	100	252	A	H
		5376.56	50.26	-23.74	74	36.33	34.59	9.84	30.5	100	252	P	H
		5354.44	41.43	-12.57	54	27.51	34.58	9.84	30.5	100	252	A	H
		5126.1	54.44	-19.56	74	40.79	34.41	9.74	30.5	100	278	P	V
		5149.76	44.52	-9.48	54	30.86	34.42	9.74	30.5	100	278	A	V
	*	5190	101.2	-	-	87.47	34.45	9.78	30.5	100	278	P	V
	*	5190	93.99	-	-	80.26	34.45	9.78	30.5	100	278	A	V
		5439.56	50.45	-23.55	74	36.42	34.65	9.88	30.5	100	278	P	V
		5460	41.41	-12.59	54	27.37	34.66	9.88	30.5	100	278	A	V
802.11n HT40 CH 46 5230MHz		5084.76	53.07	-20.93	74	39.5	34.37	9.7	30.5	100	260	P	H
		5148.98	43.5	-10.5	54	29.84	34.42	9.74	30.5	100	260	A	H
	*	5230	105.04	-	-	91.23	34.49	9.82	30.5	100	260	P	H
	*	5230	98.04	-	-	84.23	34.49	9.82	30.5	100	260	A	H
		5400.48	51.09	-22.91	74	37.13	34.62	9.84	30.5	100	260	P	H
		5350.08	41.69	-12.31	54	27.77	34.58	9.84	30.5	100	260	A	H
		5094.9	53.14	-20.86	74	39.56	34.38	9.7	30.5	100	273	P	V
		5145.6	42.64	-11.36	54	28.98	34.42	9.74	30.5	100	273	A	V
	*	5230	101.47	-	-	87.66	34.49	9.82	30.5	100	273	P	V
	*	5230	94.04	-	-	80.23	34.49	9.82	30.5	100	273	A	V
		5440.56	51.49	-22.51	74	37.46	34.65	9.88	30.5	100	273	P	V
		5456.4	41.41	-12.59	54	27.37	34.66	9.88	30.5	100	273	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10380	46.92	-21.38	68.3	56.14	37.63	13.5	60.35	-	-	P	H
HT40		15570	50.92	-23.08	74	53.44	40.57	15.55	58.64	-	-	P	H
CH 38		10380	46.4	-21.9	68.3	55.62	37.63	13.5	60.35	-	-	P	V
5190MHz		15570	50.8	-23.2	74	53.32	40.57	15.55	58.64	-	-	P	V
802.11n		10460	47.64	-20.66	68.3	56.82	37.67	13.53	60.38	-	-	P	H
HT40		15690	50.26	-23.74	74	52.96	40.61	15.57	58.88	-	-	P	H
CH 46		10460	47.24	-21.06	68.3	56.42	37.67	13.53	60.38	-	-	P	V
5230MHz		15690	50.95	-23.05	74	53.65	40.61	15.57	58.88	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5148.98	59.14	-14.86	74	45.48	34.42	9.74	30.5	100	243	P	H
		5149.76	49.71	-4.29	54	36.05	34.42	9.74	30.5	100	243	A	H
	*	5210	100.73	-	-	86.94	34.47	9.82	30.5	100	243	P	H
	*	5210	93.05	-	-	79.26	34.47	9.82	30.5	100	243	A	H
		5416.08	51.94	-22.06	74	37.97	34.63	9.84	30.5	100	243	P	H
		5350.08	41.42	-12.58	54	27.5	34.58	9.84	30.5	100	243	A	H
		5149.76	56.17	-17.83	74	42.51	34.42	9.74	30.5	100	276	P	V
		5150	46.33	-7.67	54	32.67	34.42	9.74	30.5	100	276	A	V
	*	5210	97.87	-	-	84.08	34.47	9.82	30.5	100	276	P	V
	*	5210	91.05	-	-	77.26	34.47	9.82	30.5	100	276	A	V
		5358.96	51.8	-22.2	74	37.88	34.58	9.84	30.5	100	276	P	V
		5350.32	41.31	-12.69	54	27.39	34.58	9.84	30.5	100	276	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	47.47	-20.83	68.3	56.68	37.65	13.51	60.37	-	-	P	H
		15630	50.72	-23.28	74	53.35	40.59	15.56	58.78	-	-	P	H
		10420	46.98	-21.32	68.3	56.19	37.65	13.51	60.37	-	-	P	V
		15630	50.97	-23.03	74	53.6	40.59	15.56	58.78	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5066.04	52.56	-21.44	74	39.05	34.35	9.66	30.5	100	263	P	H
		5139.88	43.48	-10.52	54	29.82	34.42	9.74	30.5	100	263	A	H
	*	5260	109.24	-	-	95.41	34.51	9.82	30.5	100	263	P	H
	*	5260	102.05	-	-	88.22	34.51	9.82	30.5	100	263	A	H
		5418.96	51.73	-22.27	74	37.76	34.63	9.84	30.5	100	263	P	H
		5351.76	42.39	-11.61	54	28.47	34.58	9.84	30.5	100	263	A	H
		5023.14	52.67	-21.33	74	39.22	34.33	9.62	30.5	100	278	P	V
		5139.88	42.68	-11.32	54	29.02	34.42	9.74	30.5	100	278	A	V
	*	5260	106.29	-	-	92.46	34.51	9.82	30.5	100	278	P	V
	*	5260	99.1	-	-	85.27	34.51	9.82	30.5	100	278	A	V
		5392.08	51.48	-22.52	74	37.53	34.61	9.84	30.5	100	278	P	V
		5357.76	41.83	-12.17	54	27.91	34.58	9.84	30.5	100	278	A	V
802.11a CH 60 5300MHz		5079.45	52.42	-21.58	74	38.85	34.37	9.7	30.5	100	254	P	H
		5140.7	43.15	-10.85	54	29.49	34.42	9.74	30.5	100	254	A	H
	*	5300	109.82	-	-	95.95	34.54	9.83	30.5	100	254	P	H
	*	5300	102.08	-	-	88.21	34.54	9.83	30.5	100	254	A	H
		5360.16	52.49	-21.51	74	38.57	34.58	9.84	30.5	100	254	P	H
		5351.76	43.32	-10.68	54	29.4	34.58	9.84	30.5	100	254	A	H
		5059.15	53.48	-20.52	74	39.97	34.35	9.66	30.5	100	272	P	V
		5099.05	42.63	-11.37	54	29.05	34.38	9.7	30.5	100	272	A	V
	*	5300	105.19	-	-	91.32	34.54	9.83	30.5	100	272	P	V
	*	5300	98.13	-	-	84.26	34.54	9.83	30.5	100	272	A	V
		5374.08	52.7	-21.3	74	38.77	34.59	9.84	30.5	100	272	P	V
		5359.44	42.18	-11.82	54	28.26	34.58	9.84	30.5	100	272	A	V

802.11a CH 64 5320MHz	*	5320	109.05	-	-	95.17	34.55	9.83	30.5	100	273	P	H
	*	5320	102.1	-	-	88.22	34.55	9.83	30.5	100	273	A	H
		5356.64	52.62	-21.38	74	38.7	34.58	9.84	30.5	100	273	P	H
		5350.08	45.75	-8.25	54	31.83	34.58	9.84	30.5	100	273	A	H
	*	5320	105.94	-	-	92.06	34.55	9.83	30.5	100	276	P	V
	*	5320	99.13	-	-	85.25	34.55	9.83	30.5	100	276	A	V
		5350.4	52.43	-21.57	74	38.51	34.58	9.84	30.5	100	276	P	V
		5350.08	44.33	-9.67	54	30.41	34.58	9.84	30.5	100	276	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	47.68	-20.62	68.3	56.74	37.71	13.55	60.32	-	-	P	H
		15780	50.86	-23.14	74	53.69	40.63	15.59	59.05	-	-	P	H
		10520	47.29	-21.01	68.3	56.35	37.71	13.55	60.32	-	-	P	V
		15780	50.34	-23.66	74	53.17	40.63	15.59	59.05	-	-	P	V
802.11a CH 60 5300MHz		10600	50.24	-23.76	74	58.64	37.42	14.12	59.94	-	-	P	H
		15900	50.67	-23.33	74	53.43	40.42	16.11	59.29	-	-	P	H
		10600	52.83	-21.17	74	61.23	37.42	14.12	59.94	100	290	P	V
		10600	44.86	-9.14	54	53.26	37.42	14.12	59.94	100	290	A	V
802.11a CH 64 5320MHz		10640	48.55	-25.45	74	56.93	37.81	13.6	59.79	-	-	P	H
		15960	50.39	-23.61	74	53.5	40.69	15.63	59.43	-	-	P	H
		10640	49.62	-24.38	74	58	37.81	13.6	59.79	-	-	P	V
		15960	49.93	-24.07	74	53.04	40.69	15.63	59.43	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5040.3	52.03	-21.97	74	38.53	34.34	9.66	30.5	100	262	P	H
		5140.14	43.17	-10.83	54	29.51	34.42	9.74	30.5	100	262	A	H
	*	5260	107.11	-	-	93.28	34.51	9.82	30.5	100	262	P	H
	*	5260	100.09	-	-	86.26	34.51	9.82	30.5	100	262	A	H
802.11n		5444.16	51.04	-22.96	74	37.01	34.65	9.88	30.5	100	262	P	H
HT20		5355.6	41.91	-12.09	54	27.99	34.58	9.84	30.5	100	262	A	H
CH 52		5014.3	52.09	-21.91	74	38.66	34.31	9.62	30.5	100	261	P	V
5260MHz		5101.92	42.41	-11.59	54	28.83	34.38	9.7	30.5	100	261	A	V
	*	5260	102.97	-	-	89.14	34.51	9.82	30.5	100	261	P	V
	*	5260	96.14	-	-	82.31	34.51	9.82	30.5	100	261	A	V
		5400	50.97	-23.03	74	37.01	34.62	9.84	30.5	100	261	P	V
		5358.48	41.45	-12.55	54	27.53	34.58	9.84	30.5	100	261	A	V
		5144.2	52.84	-21.16	74	39.18	34.42	9.74	30.5	100	261	P	H
		5137.55	42.95	-11.05	54	29.3	34.41	9.74	30.5	100	261	A	H
	*	5300	107.4	-	-	93.53	34.54	9.83	30.5	100	261	P	H
	*	5300	100.13	-	-	86.26	34.54	9.83	30.5	100	261	A	H
802.11n		5356.32	52.08	-21.92	74	38.16	34.58	9.84	30.5	100	261	P	H
HT20		5352.48	42.57	-11.43	54	28.65	34.58	9.84	30.5	100	261	A	H
CH 60		5042	52.67	-21.33	74	39.17	34.34	9.66	30.5	100	261	P	V
5300MHz		5048.3	42.67	-11.33	54	29.17	34.34	9.66	30.5	100	261	A	V
	*	5300	103.11	-	-	89.24	34.54	9.83	30.5	100	261	P	V
	*	5300	96.23	-	-	82.36	34.54	9.83	30.5	100	261	A	V
		5361.12	51.1	-22.9	74	37.17	34.59	9.84	30.5	100	261	P	V
		5359.44	41.88	-12.12	54	27.96	34.58	9.84	30.5	100	261	A	V

	*	5320	108.05	-	-	94.17	34.55	9.83	30.5	100	257	P	H
	*	5320	101.25	-	-	87.37	34.55	9.83	30.5	100	257	A	H
802.11n		5357.28	52.9	-21.1	74	38.98	34.58	9.84	30.5	100	257	P	H
HT20		5359.84	44.78	-9.22	54	30.86	34.58	9.84	30.5	100	257	A	H
CH 64	*	5320	104.04	-	-	90.16	34.55	9.83	30.5	100	274	P	V
5320MHz	*	5320	97.35	-	-	83.47	34.55	9.83	30.5	100	274	A	V
		5367.36	51.69	-22.31	74	37.76	34.59	9.84	30.5	100	274	P	V
		5360	42.61	-11.39	54	28.69	34.58	9.84	30.5	100	274	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10520	48.21	-20.09	68.3	57.27	37.71	13.55	60.32	-	-	P	H
HT20		15780	50.11	-23.89	74	52.94	40.63	15.59	59.05	-	-	P	H
CH 52		10520	49.11	-19.19	68.3	58.17	37.71	13.55	60.32	-	-	P	V
5260MHz		15780	50.25	-23.75	74	53.08	40.63	15.59	59.05	-	-	P	V
802.11n		10600	47.9	-26.1	74	56.48	37.78	13.58	59.94	-	-	P	H
HT20		15900	48.53	-25.47	74	51.54	40.67	15.61	59.29	-	-	P	H
CH 60		10600	47.89	-26.11	74	56.47	37.78	13.58	59.94	-	-	P	V
5300MHz		15900	50.46	-23.54	74	53.47	40.67	15.61	59.29	-	-	P	V
802.11n		10640	47.22	-26.78	74	55.6	37.81	13.6	59.79	-	-	P	H
HT20		15960	49.8	-24.2	74	52.91	40.69	15.63	59.43	-	-	P	H
CH 64		10640	47.82	-26.18	74	56.2	37.81	13.6	59.79	-	-	P	V
5320MHz		15960	48.67	-25.33	74	51.78	40.69	15.63	59.43	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5130.55	52.72	-21.28	74	39.07	34.41	9.74	30.5	100	263	P	H
		5149.8	43.2	-10.8	54	29.54	34.42	9.74	30.5	100	263	A	H
	*	5270	104.88	-	-	91.05	34.51	9.82	30.5	100	263	P	H
	*	5270	98.05	-	-	84.22	34.51	9.82	30.5	100	263	A	H
		5360.88	52.42	-21.58	74	38.49	34.59	9.84	30.5	100	263	P	H
		5352.24	42.54	-11.46	54	28.62	34.58	9.84	30.5	100	263	A	H
		5029.4	51.98	-22.02	74	38.53	34.33	9.62	30.5	100	273	P	V
		5104.3	42.74	-11.26	54	29.16	34.38	9.7	30.5	100	273	A	V
	*	5270	101.81	-	-	87.98	34.51	9.82	30.5	100	273	P	V
	*	5270	94.07	-	-	80.24	34.51	9.82	30.5	100	273	A	V
		5434.08	52.58	-21.42	74	38.55	34.65	9.88	30.5	100	273	P	V
		5360.88	41.77	-12.23	54	27.84	34.59	9.84	30.5	100	273	A	V
802.11n HT40 CH 62 5310MHz		5099.05	52.62	-21.38	74	39.04	34.38	9.7	30.5	100	254	P	H
		5147.35	42.89	-11.11	54	29.23	34.42	9.74	30.5	100	254	A	H
	*	5310	104.4	-	-	90.52	34.55	9.83	30.5	100	254	P	H
	*	5310	97.15	-	-	83.27	34.55	9.83	30.5	100	254	A	H
		5356.56	54.98	-19.02	74	41.06	34.58	9.84	30.5	100	254	P	H
		5350.32	44.76	-9.24	54	30.84	34.58	9.84	30.5	100	254	A	H
		5098	51.31	-22.69	74	37.73	34.38	9.7	30.5	100	262	P	V
		5076.65	42.63	-11.37	54	29.06	34.37	9.7	30.5	100	262	A	V
	*	5310	101.51	-	-	87.63	34.55	9.83	30.5	100	262	P	V
	*	5310	94.15	-	-	80.27	34.55	9.83	30.5	100	262	A	V
		5350.8	52.81	-21.19	74	38.89	34.58	9.84	30.5	100	262	P	V
		5350.08	43.22	-10.78	54	29.3	34.58	9.84	30.5	100	262	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10540	48.05	-20.25	68.3	57	37.73	13.57	60.25	-	-	P	H
HT40		15810	49.35	-24.65	74	52.23	40.64	15.6	59.12	-	-	P	H
CH 54		10540	49	-19.3	68.3	57.95	37.73	13.57	60.25	-	-	P	V
5270MHz		15810	49.16	-24.84	74	52.04	40.64	15.6	59.12	-	-	P	V
802.11n		10620	47.1	-26.9	74	55.57	37.8	13.6	59.87	-	-	P	H
HT40		15930	49.72	-24.28	74	52.78	40.68	15.62	59.36	-	-	P	H
CH 62		10620	46.93	-27.07	74	55.4	37.8	13.6	59.87	-	-	P	V
5310MHz		15930	47.94	-26.06	74	51	40.68	15.62	59.36	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5148.05	52.85	-21.15	74	39.19	34.42	9.74	30.5	100	255	P	H
		5149.1	42.83	-11.17	54	29.17	34.42	9.74	30.5	100	255	A	H
	*	5290	101.4	-	-	87.54	34.53	9.83	30.5	100	255	P	H
	*	5290	94.08	-	-	80.22	34.53	9.83	30.5	100	255	A	H
		5350.8	55.17	-18.83	74	41.25	34.58	9.84	30.5	100	255	P	H
		5350.32	47.74	-6.26	54	33.82	34.58	9.84	30.5	100	255	A	H
		5131.25	53.01	-20.99	74	39.36	34.41	9.74	30.5	100	273	P	V
		5134.75	42.29	-11.71	54	28.64	34.41	9.74	30.5	100	273	A	V
	*	5290	98.2	-	-	84.34	34.53	9.83	30.5	100	273	P	V
	*	5290	91.08	-	-	77.22	34.53	9.83	30.5	100	273	A	V
		5350.8	54.95	-19.05	74	41.03	34.58	9.84	30.5	100	273	P	V
		5350.08	46.66	-7.34	54	32.74	34.58	9.84	30.5	100	273	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	47.67	-20.63	68.3	56.34	37.77	13.58	60.02	-	-	P	H
		15870	49.23	-24.77	74	52.22	40.66	15.61	59.26	-	-	P	H
		10580	48.38	-19.92	68.3	57.05	37.77	13.58	60.02	-	-	P	V
		15870	48.84	-25.16	74	51.83	40.66	15.61	59.26	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5435.92	53.15	-20.85	74	39.12	34.65	9.88	30.5	100	275	P	H
		5468.4	55.4	-12.9	68.3	41.31	34.67	9.92	30.5	100	275	P	H
		5459.92	44.62	-9.38	54	30.58	34.66	9.88	30.5	100	275	A	H
	*	5500	109.28	-	-	95.16	34.7	9.92	30.5	100	275	P	H
	*	5500	102.38	-	-	88.26	34.7	9.92	30.5	100	275	A	H
		5439.12	52.47	-21.53	74	38.44	34.65	9.88	30.5	111	262	P	V
		5466	53.88	-14.42	68.3	39.79	34.67	9.92	30.5	111	262	P	V
		5459.92	44.14	-9.86	54	30.1	34.66	9.88	30.5	111	262	A	V
	*	5500	106.66	-	-	92.54	34.7	9.92	30.5	111	262	P	V
	*	5500	99.35	-	-	85.23	34.7	9.92	30.5	111	262	A	V
802.11a CH 116 5580MHz		5398.24	52.2	-21.8	74	38.24	34.62	9.84	30.5	100	273	P	H
		5469.04	51.76	-16.54	68.3	37.67	34.67	9.92	30.5	100	273	P	H
		5459.92	42.83	-11.17	54	28.79	34.66	9.88	30.5	100	273	A	H
	*	5580	109.02	-	-	94.73	34.81	10.01	30.53	100	273	P	H
	*	5580	101.91	-	-	87.62	34.81	10.01	30.53	100	273	A	H
		5735.39	52.24	-16.06	68.3	37.62	35.09	10.12	30.59	100	273	P	H
		5372.8	50.77	-23.23	74	36.84	34.59	9.84	30.5	100	205	P	V
		5460	51.43	-16.87	68.3	37.39	34.66	9.88	30.5	100	205	P	V
		5459.92	42.08	-11.92	54	28.04	34.66	9.88	30.5	100	205	A	V
	*	5580	106.71	-	-	92.42	34.81	10.01	30.53	100	205	P	V
	*	5580	99.55	-	-	85.26	34.81	10.01	30.53	100	205	A	V
		5731.295	51.35	-16.95	68.3	36.76	35.06	10.12	30.59	100	205	P	V

802.11a CH 140 5700MHz	*	5700	109.3	-	-	94.76	35	10.12	30.58	100	276	P	H
	*	5700	101.8	-	-	87.26	35	10.12	30.58	100	276	A	H
		5725	61.68	-6.62	68.3	47.09	35.06	10.12	30.59	100	276	P	H
	*	5700	105.8	-	-	91.26	35	10.12	30.58	100	262	P	V
	*	5700	98.8	-	-	84.26	35	10.12	30.58	100	262	A	V
		5727	58.73	-9.57	68.3	44.14	35.06	10.12	30.59	100	262	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	54.61	-19.39	74	60.44	37.9	14.47	58.2	202	204	P	H
		11000	46.89	-7.11	54	52.72	37.9	14.47	58.2	202	204	A	H
		16500	50.01	-18.29	68.3	49.34	41.57	16.6	57.5	-	-	P	H
		11000	55.4	-18.6	74	61.23	37.9	14.47	58.2	232	151	P	V
		11000	47.03	-6.97	54	52.86	37.9	14.47	58.2	232	151	A	V
		16500	50.27	-18.03	68.3	49.6	41.57	16.6	57.5	-	-	P	V
802.11a CH 116 5580MHz		11160	50.24	-23.76	74	56.33	38.27	13.74	58.1	-	-	P	H
		16740	50.14	-18.16	68.3	49.78	41.07	16.36	57.07	-	-	P	H
		11160	50.17	-23.83	74	56.26	38.27	13.74	58.1	-	-	P	V
		16740	50.05	-18.25	68.3	49.69	41.07	16.36	57.07	-	-	P	V
802.11a CH 140 5700MHz		11400	48.96	-25.04	74	54.71	38.5	13.71	57.96	-	-	P	H
		17100	50.72	-17.58	68.3	49.62	41.24	16.56	56.7	-	-	P	H
		11400	49.19	-24.81	74	54.94	38.5	13.71	57.96	-	-	P	V
		17100	50.11	-18.19	68.3	49.01	41.24	16.56	56.7	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5456.88	51.68	-22.32	74	37.66	34.2	10.38	30.56	100	244	P	H
		5468.4	51.79	-16.51	68.3	37.73	34.2	10.42	30.56	100	244	P	H
		5459.92	44.07	-9.93	54	30.05	34.2	10.38	30.56	100	244	A	H
802.11n	*	5500	106.82	-	-	92.78	34.2	10.42	30.58	100	244	P	H
HT20	*	5500	99.67	-	-	85.63	34.2	10.42	30.58	100	244	A	H
CH 100		5451.76	52.47	-21.53	74	38.45	34.2	10.38	30.56	100	270	P	V
5500MHz		5469.2	52.09	-16.21	68.3	38.03	34.2	10.42	30.56	100	270	P	V
		5459.92	43.86	-10.14	54	29.84	34.2	10.38	30.56	100	270	A	V
	*	5500	106.67	-	-	92.63	34.2	10.42	30.58	100	270	P	V
	*	5500	99.5	-	-	85.46	34.2	10.42	30.58	100	270	A	V
		5455.12	51.91	-22.09	74	37.87	34.66	9.88	30.5	100	278	P	H
		5469.04	50.56	-17.74	68.3	36.47	34.67	9.92	30.5	100	278	P	H
		5459.92	42.38	-11.62	54	28.34	34.66	9.88	30.5	100	278	A	H
	*	5580	106.36	-	-	92.07	34.81	10.01	30.53	100	278	P	H
802.11n	*	5580	99.52	-	-	85.23	34.81	10.01	30.53	100	278	A	H
HT20		5752.4	52.47	-15.83	68.3	37.82	35.11	10.14	30.6	100	278	P	H
CH 116		5445.76	51.5	-22.5	74	37.46	34.66	9.88	30.5	100	275	P	V
5580MHz		5469.28	52.94	-15.36	68.3	38.85	34.67	9.92	30.5	100	275	P	V
		5459.92	41.99	-12.01	54	27.95	34.66	9.88	30.5	100	275	A	V
	*	5580	103.91	-	-	89.62	34.81	10.01	30.53	100	275	P	V
	*	5580	95.63	-	-	81.34	34.81	10.01	30.53	100	275	A	V
		5731.61	51.64	-16.66	68.3	37.05	35.06	10.12	30.59	100	275	P	V

802.11n HT20 CH 140 5700MHz	*	5700	106.51	-	-	91.97	35	10.12	30.58	108	238	P	H
	*	5700	99.16	-	-	84.62	35	10.12	30.58	108	238	A	H
		5725.24	58.58	-9.72	68.3	43.99	35.06	10.12	30.59	108	238	P	H
	*	5700	105.46	-	-	90.92	35	10.12	30.58	101	267	P	V
	*	5700	98.03	-	-	83.49	35	10.12	30.58	101	267	A	V
		5727	55.13	-13.17	68.3	40.54	35.06	10.12	30.59	101	267	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11000	49.11	-24.89	74	55.45	38.1	13.76	58.2	-	-	P	H
HT20		16500	50.18	-18.12	68.3	50.63	40.95	16.1	57.5	-	-	P	H
CH 100		11000	49.62	-24.38	74	55.96	38.1	13.76	58.2	-	-	P	V
5500MHz		16500	50.27	-18.03	68.3	50.72	40.95	16.1	57.5	-	-	P	V
802.11n		11160	49.46	-24.54	74	55.55	38.27	13.74	58.1	-	-	P	H
HT20		16740	50.73	-17.57	68.3	50.37	41.07	16.36	57.07	-	-	P	H
CH 116		11160	49.47	-24.53	74	55.56	38.27	13.74	58.1	-	-	P	V
5580MHz		16740	50.59	-17.71	68.3	50.23	41.07	16.36	57.07	-	-	P	V
802.11n		11400	49.44	-24.56	74	55.19	38.5	13.71	57.96	-	-	P	H
HT20		17100	50.53	-17.77	68.3	49.43	41.24	16.56	56.7	-	-	P	H
CH 140		11400	48.86	-25.14	74	54.61	38.5	13.71	57.96	-	-	P	V
5700MHz		17100	50.36	-17.94	68.3	49.26	41.24	16.56	56.7	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5452.48	52.99	-21.01	74	38.95	34.66	9.88	30.5	100	274	P	H
		5462.32	52.66	-15.64	68.3	38.62	34.66	9.88	30.5	100	274	P	H
		5459.68	43.63	-10.37	54	29.59	34.66	9.88	30.5	100	274	A	H
	*	5510	104.51	-	-	90.35	34.7	9.97	30.51	100	274	P	H
802.11n	*	5510	97.42	-	-	83.26	34.7	9.97	30.51	100	274	A	H
HT40		5728.145	51.02	-17.28	68.3	36.43	35.06	10.12	30.59	100	274	P	H
CH 102		5450.56	51.63	-22.37	74	37.59	34.66	9.88	30.5	100	271	P	V
5510MHz		5468.32	52.18	-16.12	68.3	38.09	34.67	9.92	30.5	100	271	P	V
		5459.92	42.7	-11.3	54	28.66	34.66	9.88	30.5	100	271	A	V
	*	5510	101.86	-	-	87.7	34.7	9.97	30.51	100	271	P	V
	*	5510	94.39	-	-	80.23	34.7	9.97	30.51	100	271	A	V
		5741.69	51.22	-17.08	68.3	36.59	35.09	10.14	30.6	100	271	P	V
		5412.4	50.74	-23.26	74	36.77	34.63	9.84	30.5	100	275	P	H
		5461.12	50.37	-17.93	68.3	36.33	34.66	9.88	30.5	100	275	P	H
		5457.04	42.22	-11.78	54	28.18	34.66	9.88	30.5	100	275	A	H
	*	5550	103.73	-	-	89.46	34.78	10.01	30.52	100	275	P	H
802.11n	*	5550	94.53	-	-	80.26	34.78	10.01	30.52	100	275	A	H
HT40		5725.31	52.93	-15.37	68.3	38.34	35.06	10.12	30.59	100	275	P	H
CH 110		5448.16	51.3	-22.7	74	37.26	34.66	9.88	30.5	100	276	P	V
5550MHz		5460.4	49.88	-18.42	68.3	35.84	34.66	9.88	30.5	100	276	P	V
		5459.68	42.08	-11.92	54	28.04	34.66	9.88	30.5	100	276	A	V
	*	5550	101.69	-	-	87.42	34.78	10.01	30.52	100	276	P	V
	*	5550	94.48	-	-	80.21	34.78	10.01	30.52	100	276	A	V
		5750.51	51.27	-17.03	68.3	36.64	35.09	10.14	30.6	100	276	P	V

		5424.9	51.12	-22.88	74	37.15	34.63	9.84	30.5	100	235	P	H
		5464.45	49.57	-18.73	68.3	35.52	34.67	9.88	30.5	100	235	P	H
		5459.9	41.41	-12.59	54	27.37	34.66	9.88	30.5	100	235	A	H
	*	5670	103.14	-	-	88.64	34.98	10.09	30.57	100	235	P	H
802.11n	*	5670	95.75	-	-	81.25	34.98	10.09	30.57	100	235	A	H
HT40		5736.475	52.77	-15.53	68.3	38.15	35.09	10.12	30.59	100	235	P	H
CH 134		5443.45	50.71	-23.29	74	36.68	34.65	9.88	30.5	100	275	P	V
5670MHz		5466.2	50.1	-18.2	68.3	36.01	34.67	9.92	30.5	100	275	P	V
		5459.9	41.4	-12.6	54	27.36	34.66	9.88	30.5	100	275	A	V
	*	5670	100.68	-	-	86.18	34.98	10.09	30.57	100	275	P	V
	*	5670	93.73	-	-	79.23	34.98	10.09	30.57	100	275	A	V
		5755.025	52.7	-15.6	68.3	38.05	35.11	10.14	30.6	100	275	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11020	49.6	-24.4	74	55.91	38.12	13.76	58.19	-	-	P	H
HT40		16530	49.36	-18.94	68.3	49.7	40.97	16.13	57.44	-	-	P	H
CH 102		11020	49.1	-24.9	74	55.41	38.12	13.76	58.19	-	-	P	V
5510MHz		16530	50.9	-17.4	68.3	51.24	40.97	16.13	57.44	-	-	P	V
802.11n		11100	49.19	-24.81	74	55.38	38.2	13.75	58.14	-	-	P	H
HT40		16650	52.67	-15.63	68.3	52.61	41.03	16.25	57.22	-	-	P	H
CH 110		11100	49.35	-24.65	74	55.54	38.2	13.75	58.14	-	-	P	V
5550MHz		16650	51.33	-16.97	68.3	51.27	41.03	16.25	57.22	-	-	P	V
802.11n		11340	48.86	-25.14	74	54.71	38.43	13.72	58	-	-	P	H
HT40		17010	51.67	-16.63	68.3	50.5	41.21	16.58	56.62	-	-	P	H
CH 134		11340	49.17	-24.83	74	55.02	38.43	13.72	58	-	-	P	V
5670MHz		17010	51.47	-16.83	68.3	50.3	41.21	16.58	56.62	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5453.68	56.8	-17.2	74	42.76	34.66	9.88	30.5	100	256	P	H
		5465.68	57.68	-10.62	68.3	43.59	34.67	9.92	30.5	100	256	P	H
		5457.76	47.09	-6.91	54	33.05	34.66	9.88	30.5	100	256	A	H
	*	5530	100.72	-	-	86.53	34.73	9.97	30.51	100	256	P	H
802.11ac	*	5530	93.41	-	-	79.22	34.73	9.97	30.51	100	256	A	H
VHT80		5734.76	52.51	-15.79	68.3	37.89	35.09	10.12	30.59	100	256	P	H
CH 106		5448.16	56.2	-17.8	74	42.16	34.66	9.88	30.5	100	278	P	V
5530MHz		5469.28	58.1	-10.2	68.3	44.01	34.67	9.92	30.5	100	278	P	V
		5457.76	46.19	-7.81	54	32.15	34.66	9.88	30.5	100	278	A	V
	*	5530	99.84	-	-	85.65	34.73	9.97	30.51	100	278	P	V
	*	5530	92.39	-	-	78.2	34.73	9.97	30.51	100	278	A	V
		5736.65	52.15	-16.15	68.3	37.53	35.09	10.12	30.59	100	278	P	V
		5383.12	51.24	-22.76	74	37.29	34.61	9.84	30.5	100	235	P	H
		5463.76	51.14	-17.16	68.3	37.09	34.67	9.88	30.5	100	235	P	H
		5458	41.71	-12.29	54	27.67	34.66	9.88	30.5	100	235	A	H
	*	5610	101	-	-	86.63	34.87	10.05	30.55	100	235	P	H
802.11ac	*	5610	93.6	-	-	79.23	34.87	10.05	30.55	100	235	A	H
VHT80		5726.675	52.38	-15.92	68.3	37.79	35.06	10.12	30.59	100	235	P	H
CH 122		5432.32	51.48	-22.52	74	37.45	34.65	9.88	30.5	100	278	P	V
5610MHz		5467.6	52.87	-15.43	68.3	38.78	34.67	9.92	30.5	100	278	P	V
		5459.92	41.73	-12.27	54	27.69	34.66	9.88	30.5	100	278	A	V
	*	5610	98.71	-	-	84.34	34.87	10.05	30.55	100	278	P	V
	*	5610	90.6	-	-	76.23	34.87	10.05	30.55	100	278	A	V
		5726.15	52.75	-15.55	68.3	38.16	35.06	10.12	30.59	100	278	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11060	49.27	-24.73	74	55.51	38.17	13.75	58.16	-	-	P	H
VHT80		16590	51.08	-17.22	68.3	51.21	41	16.21	57.34	-	-	P	H
CH 106		11060	49.54	-24.46	74	55.78	38.17	13.75	58.16	-	-	P	V
5530MHz		16590	50.84	-17.46	68.3	50.97	41	16.21	57.34	-	-	P	V
802.11ac		11220	49.7	-24.3	74	55.72	38.32	13.73	58.07	-	-	P	H
VHT80		16830	50.81	-17.49	68.3	50.16	41.12	16.44	56.91	-	-	P	H
CH 122		11220	50.32	-23.68	74	56.34	38.32	13.73	58.07	-	-	P	V
5610MHz		16830	49.19	-19.11	68.3	48.54	41.12	16.44	56.91	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5470~5725MHz

U-NII-2C - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5411.05	50.81	-23.19	74	36.85	34.62	9.84	30.5	100	270	P	H
		5459.45	41.58	-12.42	54	27.54	34.66	9.88	30.5	100	270	A	H
		5468.25	49.91	-18.39	68.3	35.82	34.67	9.92	30.5	100	270	P	H
	*	5720	105.54	-	-	90.95	35.06	10.12	30.59	100	270	P	H
	*	5720.7	98.92	-	-	84.33	35.06	10.12	30.59	100	270	A	H
		5867	52.54	-15.76	68.3	37.69	35.28	10.21	30.64	100	270	P	H
		5401.7	50.14	-23.86	74	36.18	34.62	9.84	30.5	100	286	P	V
		5460	41.47	-12.53	54	27.43	34.66	9.88	30.5	100	286	A	V
		5460	48.93	-19.37	68.3	34.89	34.66	9.88	30.5	100	286	P	V
	*	5720	103.5	-	-	88.91	35.06	10.12	30.59	100	286	P	V
	*	5720	96.75	-	-	82.16	35.06	10.12	30.59	100	286	A	V
		5890.65	52.17	-16.13	68.3	37.28	35.33	10.21	30.65	100	286	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	49.91	-24.09	74	55.61	38.53	13.71	57.94	-	-	P	H
		17160	50.25	-18.05	68.3	49.2	41.27	16.55	56.77	-	-	P	H
		11440	49.57	-24.43	74	55.27	38.53	13.71	57.94	-	-	P	V
		17160	50.47	-17.83	68.3	49.42	41.27	16.55	56.77	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5362.65	50.24	-23.76	74	36.31	34.59	9.84	30.5	100	242	P	H
		5460	41.56	-12.44	54	27.52	34.66	9.88	30.5	100	242	A	H
		5467.15	51.17	-17.13	68.3	37.08	34.67	9.92	30.5	100	242	P	H
	*	5720	103.77	-	-	89.18	35.06	10.12	30.59	100	242	P	H
	*	5720	96.78	-	-	82.19	35.06	10.12	30.59	100	242	A	H
		5852.7	53.9	-14.4	68.3	39.1	35.25	10.19	30.64	100	242	P	H
		5392.9	50.94	-23.06	74	36.99	34.61	9.84	30.5	100	287	P	V
		5460	41.45	-12.55	54	27.41	34.66	9.88	30.5	100	287	A	V
		5468.8	50.26	-18.04	68.3	36.17	34.67	9.92	30.5	100	287	P	V
	*	5720	101.62	-	-	87.03	35.06	10.12	30.59	100	287	P	V
	*	5720	94.78	-	-	80.19	35.06	10.12	30.59	100	287	A	V
		5867	53.22	-15.08	68.3	38.37	35.28	10.21	30.64	100	287	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	48.62	-25.38	74	54.32	38.53	13.71	57.94	-	-	P	H
		17160	50.79	-17.51	68.3	49.74	41.27	16.55	56.77	-	-	P	H
		11440	49.34	-24.66	74	55.04	38.53	13.71	57.94	-	-	P	V
		17160	49.82	-18.48	68.3	48.77	41.27	16.55	56.77	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5456.7	50.88	-23.12	74	36.84	34.66	9.88	30.5	100	239	P	H
		5459.45	41.59	-12.41	54	27.55	34.66	9.88	30.5	100	239	A	H
		5464.95	49.97	-18.33	68.3	35.92	34.67	9.88	30.5	100	239	P	H
	*	5710	101.36	-	-	86.79	35.03	10.12	30.58	100	239	P	H
	*	5710	94.3	-	-	79.73	35.03	10.12	30.58	100	239	A	H
		5882.95	52.07	-16.23	68.3	37.2	35.31	10.21	30.65	100	239	P	H
		5438.55	50.98	-23.02	74	36.95	34.65	9.88	30.5	100	271	P	V
		5459.45	41.51	-12.49	54	27.47	34.66	9.88	30.5	100	271	A	V
		5462.2	50.53	-17.77	68.3	36.49	34.66	9.88	30.5	100	271	P	V
	*	5710	99.81	-	-	85.24	35.03	10.12	30.58	100	271	P	V
	*	5710	93.02	-	-	78.45	35.03	10.12	30.58	100	271	A	V
		5872.5	52.04	-16.26	68.3	37.17	35.31	10.21	30.65	100	271	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	48.96	-25.04	74	54.68	38.52	13.71	57.95	-	-	P	H
		17130	50.31	-17.99	68.3	49.24	41.25	16.55	56.73	-	-	P	H
		11420	49.23	-24.77	74	54.95	38.52	13.71	57.95	-	-	P	V
		17130	50.44	-17.86	68.3	49.37	41.25	16.55	56.73	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5354.4	50.03	-23.97	74	36.11	34.58	9.84	30.5	100	239	P	H
		5460	41.55	-12.45	54	27.51	34.66	9.88	30.5	100	239	A	H
		5464.4	51.5	-16.8	68.3	37.45	34.67	9.88	30.5	100	239	P	H
	*	5690	98.32	-	-	83.81	35	10.09	30.58	100	239	P	H
802.11ac	*	5690	90.52	-	-	76.01	35	10.09	30.58	100	239	A	H
VHT80		5867.55	51.93	-16.37	68.3	37.08	35.28	10.21	30.64	100	239	P	H
CH 138		5358.25	50.85	-23.15	74	36.93	34.58	9.84	30.5	100	265	P	V
5690MHz		5458.9	41.48	-12.52	54	27.44	34.66	9.88	30.5	100	265	A	V
		5460.55	48.87	-19.43	68.3	34.83	34.66	9.88	30.5	100	265	P	V
	*	5690	96.73	-	-	82.22	35	10.09	30.58	100	265	P	V
	*	5690	89.67	-	-	75.16	35	10.09	30.58	100	265	A	V
		5865.9	51.58	-16.72	68.3	36.73	35.28	10.21	30.64	100	265	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11380	49.59	-24.41	74	55.36	38.48	13.72	57.97	-	-	P	H
VHT80		17070	50.06	-18.24	68.3	48.93	41.23	16.57	56.67	-	-	P	H
CH 138		11380	48.76	-25.24	74	54.53	38.48	13.72	57.97	-	-	P	V
5690MHz		17070	50.49	-17.81	68.3	49.36	41.23	16.57	56.67	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
5GHz 802.11ac VHT80 LF		90.14	23.01	-20.49	43.5	43.15	13.92	1.12	35.18	-	-	P	H
		196.84	24.73	-18.77	43.5	41.46	16.51	1.86	35.1	-	-	P	H
		317.12	24.19	-21.81	46	36.51	20.15	2.43	34.9	-	-	P	H
		581.93	24.65	-21.35	46	30.34	25.43	3.42	34.54	-	-	P	H
		796.3	26.56	-19.44	46	28.74	28.19	3.94	34.31	-	-	P	H
		974.78	29.21	-24.79	54	29.03	29.99	4.34	34.15	-	-	P	H
		36.79	25.86	-14.14	40	40.87	19.38	0.61	35	-	-	P	V
		94.02	24.82	-18.68	43.5	44.87	13.98	1.16	35.19	-	-	P	V
		196.84	29.01	-14.49	43.5	45.74	16.51	1.86	35.1	-	-	P	V
		325.85	25.59	-20.41	46	37.6	20.44	2.45	34.9	-	-	P	V
		842.86	27.9	-18.1	46	29.59	28.57	4.04	34.3	-	-	P	V
		988.36	29.29	-24.71	54	28.93	30.13	4.35	34.12	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Co-location:

802.11ac VHT80 CH42 5210MHz+BLE CH39 2480 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH42 5210MHz		5136.24	61.09	-12.91	74	47.44	34.41	9.74	30.5	100	253	P	H
		5149.76	49.58	-4.42	54	35.92	34.42	9.74	30.5	100	253	A	H
	*	5210	101.12	-	-	87.33	34.47	9.82	30.5	100	253	P	H
	*	5210	93.91	-	-	80.12	34.47	9.82	30.5	100	253	A	H
		5440.56	51.6	-22.4	74	37.57	34.65	9.88	30.5	100	253	P	H
		5352.24	41.86	-12.14	54	27.94	34.58	9.84	30.5	100	253	A	H
		5137.02	55.1	-18.9	74	41.45	34.41	9.74	30.5	100	273	P	V
		5149.76	46.14	-7.86	54	32.48	34.42	9.74	30.5	100	273	A	V
	*	5210	97.59	-	-	83.8	34.47	9.82	30.5	100	273	P	V
	*	5210	90.02	-	-	76.23	34.47	9.82	30.5	100	273	A	V
		5450.64	52.23	-21.77	74	38.19	34.66	9.88	30.5	100	273	P	V
		5456.16	41.5	-12.5	54	27.46	34.66	9.88	30.5	100	273	A	V
BLE CH39 2480	*	2480	101.31	-	-	93.95	32.39	6.53	31.56	100	294	P	H
	*	2480	100.32	-	-	92.96	32.39	6.53	31.56	100	294	A	H
		2484.44	53.83	-20.17	74	46.47	32.39	6.53	31.56	100	294	P	H
		2483.56	43.54	-10.46	54	36.18	32.39	6.53	31.56	100	294	A	H
	*	2480	98.14	-	-	90.78	32.39	6.53	31.56	100	94	P	V
	*	2480	95.99	-	-	88.63	32.39	6.53	31.56	100	94	A	V
		2494.16	53.13	-20.87	74	45.7	32.4	6.53	31.5	100	94	P	V
		2483.52	43.07	-10.93	54	35.71	32.39	6.53	31.56	100	94	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802.11ac VHT80 CH42 5210MHz+BLE CH39 2480 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH42 5210MHz+BLE CH39 2480		4960	50.21	-23.79	74	36.82	34.32	9.59	30.52	-	-	P	H
		7440	43.03	-30.97	74	55.66	35.94	11.29	59.86	-	-	P	H
		10420	46.95	-21.35	68.3	56.16	37.65	13.51	60.37	-	-	P	H
		15630	50.31	-23.69	74	52.94	40.59	15.56	58.78	-	-	P	H
		4960	49.78	-24.22	74	36.39	34.32	9.59	30.52	-	-	P	V
		7440	44.6	-29.4	74	57.23	35.94	11.29	59.86	-	-	P	V
		10420	46.91	-21.39	68.3	56.12	37.65	13.51	60.37	-	-	P	V
		15630	50.78	-23.22	74	53.41	40.59	15.56	58.78	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Note symbol

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

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

Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

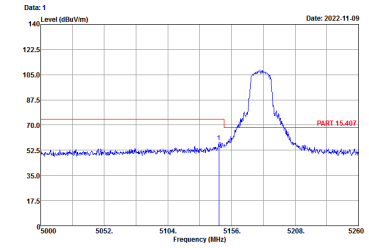
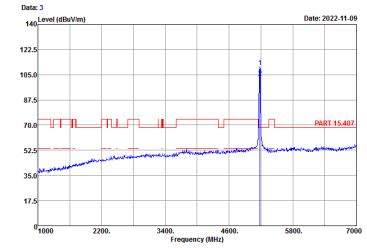
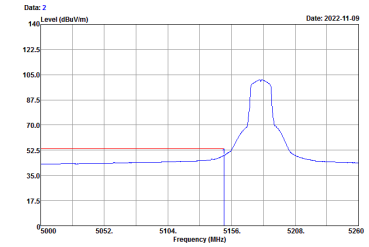
Appendix D. Radiated Spurious Emission

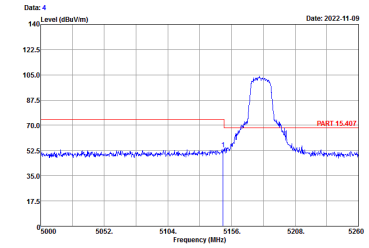
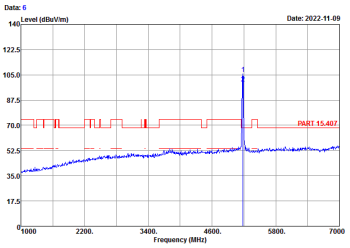
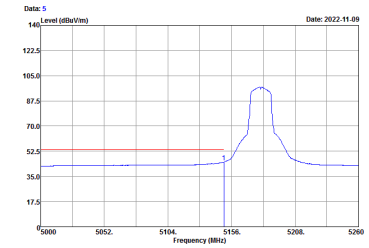
Note symbol

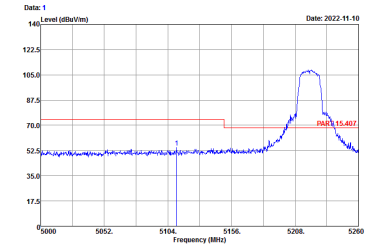
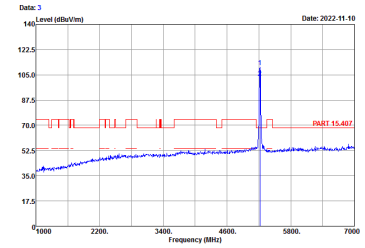
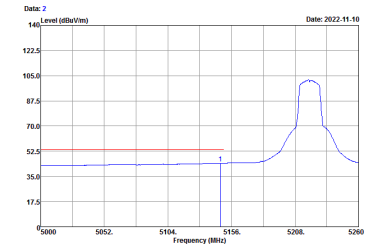
-L	**Low channel location**
-R	**High channel location**

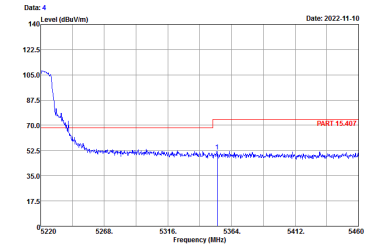
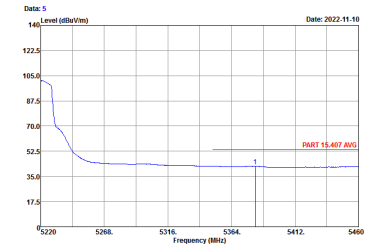
U-NII-1 - 5150~5250MHz

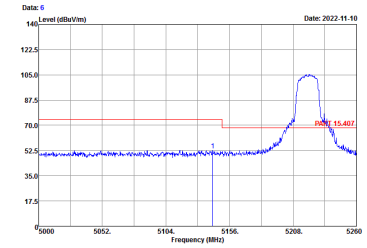
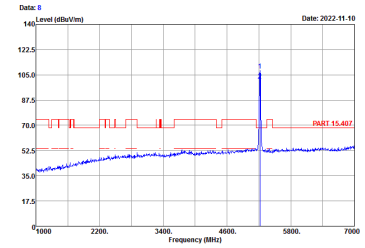
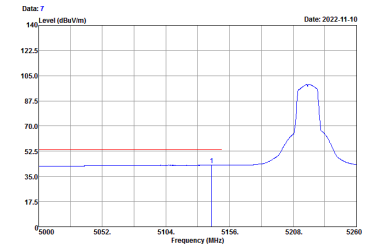
WIFI 802.11a (Band Edge @ 3m)

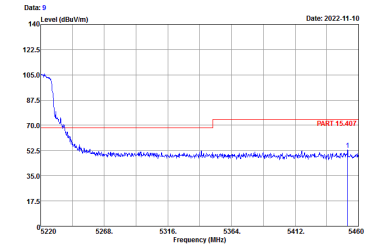
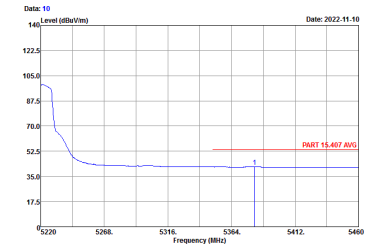
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 1 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Limit Over Line Limit Level Read Factor Antenna Loss Cable Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5145.60 58.18 -15.82 74.00 44.52 34.42 9.74 30.50 100 262 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 1 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Limit Over Line Limit Level Read Factor Antenna Loss Cable Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5180.00 110.40 42.10 68.30 96.67 34.45 9.78 30.50 100 262 Peak 2 5180.00 102.99 ------ ------ 89.26 34.45 9.78 30.50 100 262 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 1 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Limit Over Line Limit Level Read Factor Antenna Loss Cable Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 48.80 -5.20 54.00 35.14 34.42 9.74 30.50 100 262 Average	-

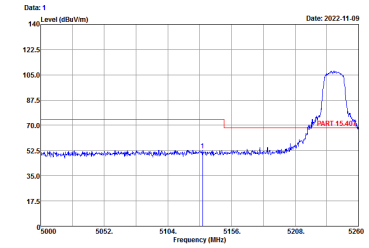
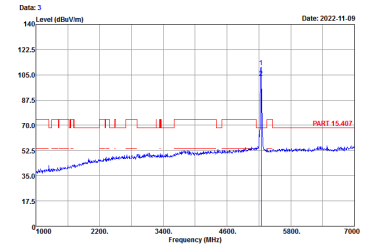
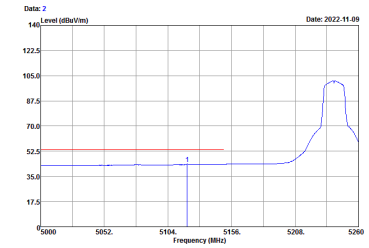
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 1 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.24 53.26 -20.74 74.00 39.60 34.42 9.74 30.50 100 262 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 1 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5180.00 105.87 37.57 68.30 92.14 34.45 9.78 30.50 100 262 Peak 2 5180.00 98.99 ------ ------ 85.26 34.45 9.78 30.50 100 262 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 1 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 44.98 -9.02 54.00 31.32 34.42 9.74 30.50 100 262 Average	-

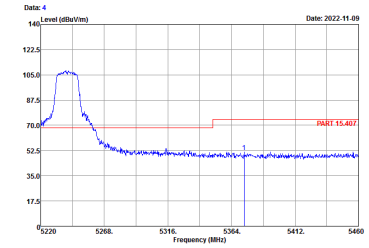
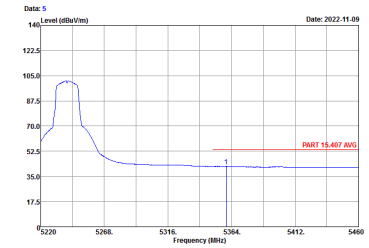
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5111.02 54.57 -19.43 74.00 40.98 34.39 9.70 30.50 100 256 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5220.00 110.55 42.25 68.30 96.76 34.47 9.82 30.50 100 256 Peak 2 5220.00 103.05 ------ ------ 89.26 34.47 9.82 30.50 100 256 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5147.16 44.22 -9.78 54.00 30.56 34.42 9.74 30.50 100 256 Average	-

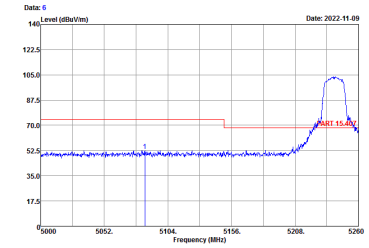
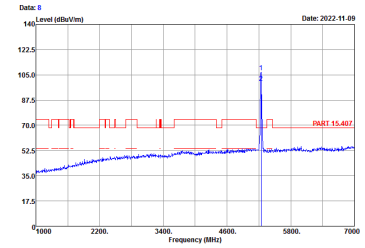
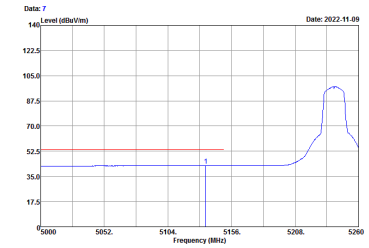
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5353.20 51.94 -22.06 74.00 38.02 34.58 9.84 30.50 100 256 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5382.00 42.06 -11.94 54.00 28.11 34.61 9.84 30.50 100 256 Average	-

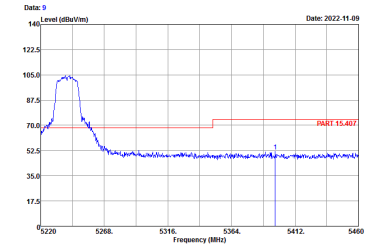
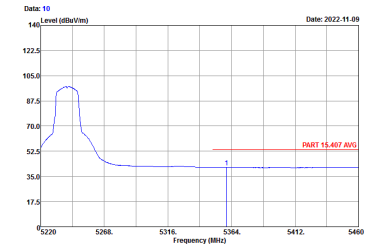
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5142.22 52.69 -21.31 74.00 39.03 34.42 9.74 30.50 100 275 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5220.00 108.06 39.76 68.30 94.27 34.47 9.82 30.50 100 275 Peak 2 5220.00 101.02 ------ ------ 87.23 34.47 9.82 30.50 100 275 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5141.44 43.02 -10.98 54.00 29.36 34.42 9.74 30.50 100 275 Average	-

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 5451.60 52.97 -21.03 74.00 38.93 34.66 9.88 30.50 100 275 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 2 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 5381.28 41.74 -12.26 54.00 27.79 34.61 9.84 30.50 100 275 Average	-

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5132.34 52.72 -21.28 74.00 39.07 34.41 9.74 30.50 100 262 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5240.00 110.22 41.92 68.30 96.41 34.49 9.82 30.50 100 262 Peak 2 5240.00 103.07 ------ ------ 89.26 34.49 9.82 30.50 100 262 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5119.86 43.57 -10.43 54.00 29.94 34.39 9.74 30.50 100 262 Average	-

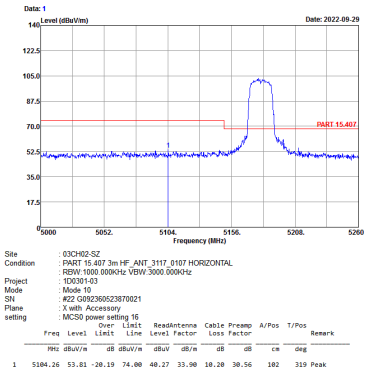
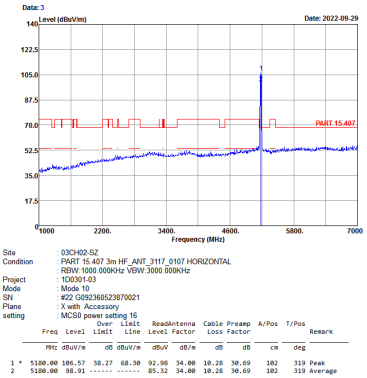
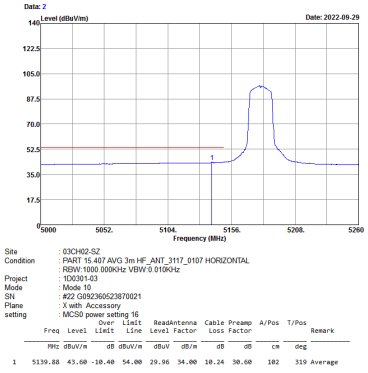
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5373.60 51.61 -22.39 74.00 37.68 34.59 9.84 30.50 100 262 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5359.92 41.98 -12.02 54.00 28.06 34.58 9.84 30.50 100 262 Average	-

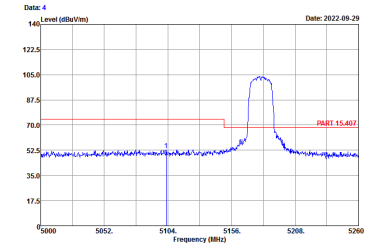
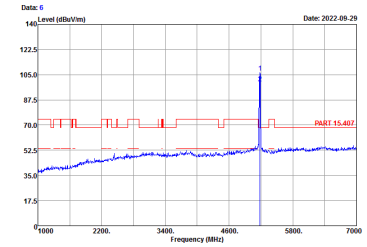
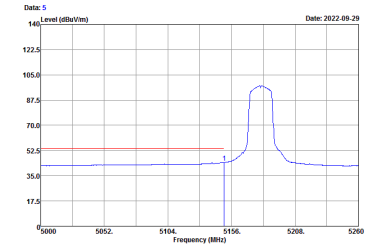
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5085.28 52.42 -21.58 74.00 38.85 34.37 9.70 30.50 100 260 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5240.00 106.70 38.40 68.30 92.89 34.49 9.82 30.50 100 260 Peak 2 5240.00 99.43 ------ ------ 85.62 34.49 9.82 30.50 100 260 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G0923705238600 39 Plane : X with Accessory setting : 6M power setting 18 Over Limit Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5134.94 42.54 -11.46 54.00 28.89 34.41 9.74 30.50 100 260 Average	-

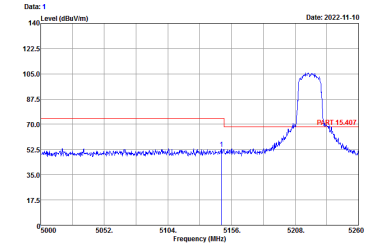
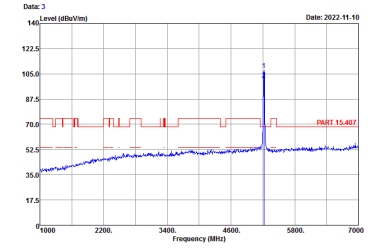
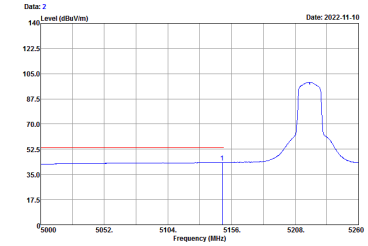
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5397.12 52.00 -22.00 74.00 38.04 34.62 9.84 30.50 100 260 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 3 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5360.16 41.50 -12.50 54.00 27.58 34.58 9.84 30.50 100 260 Average	-

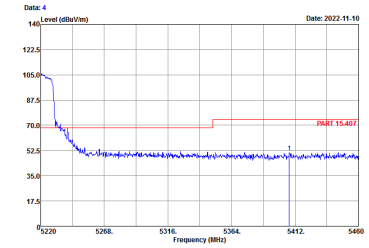
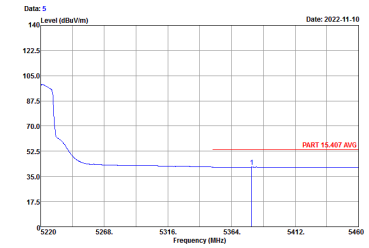
U-NII-1 5150~5250MHz

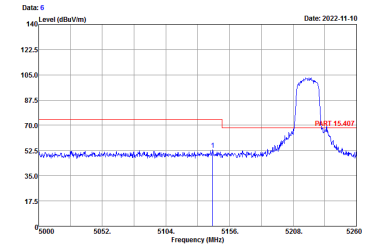
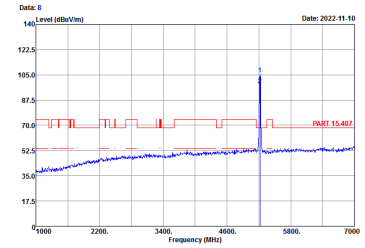
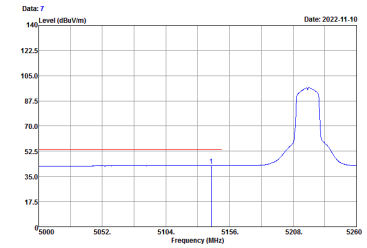
WIFI 802.11n HT20 (Band Edge @ 3m)

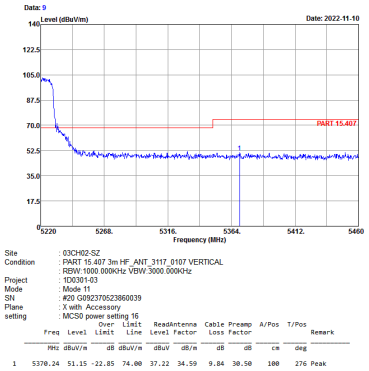
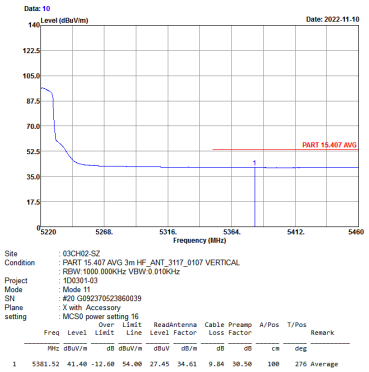
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		-

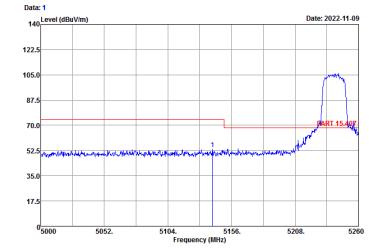
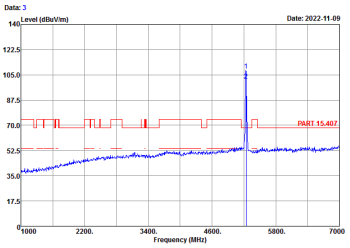
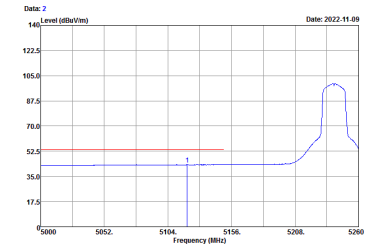
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 10 SN : #22 G092360523870021 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5102.70 52.81 -21.19 74.00 39.27 33.90 10.20 30.56 109 321 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 10 SN : #22 G092360523870021 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5180.00 106.28 37.98 68.30 92.69 34.00 10.28 30.69 109 321 Peak 2 5180.00 98.95 ------ ------ 85.36 34.00 10.28 30.69 109 321 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 10 SN : #22 G092360523870021 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5150.00 44.22 -9.78 54.00 30.63 34.00 10.24 30.65 109 321 Average	-

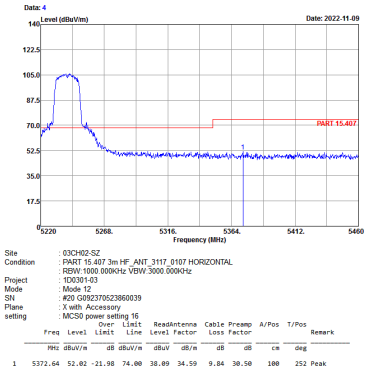
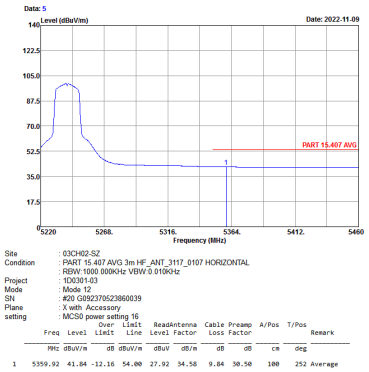
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5147.68 53.22 -20.78 74.00 39.56 34.42 9.74 30.50 100 256 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5220.00 107.82 39.52 68.30 94.03 34.47 9.82 30.50 100 256 Peak 2 5220.00 101.02 ------ ------ 87.23 34.47 9.82 30.50 100 256 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:9.019KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5148.46 43.38 -10.62 54.00 29.72 34.42 9.74 30.50 100 256 Average	-

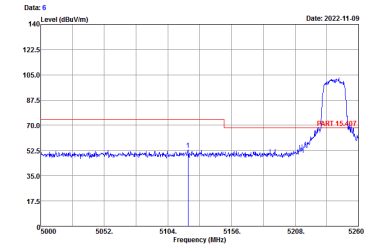
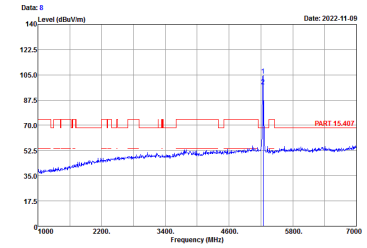
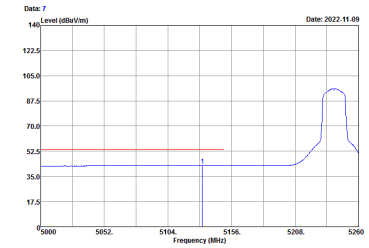
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5407.68 51.21 -22.79 74.00 37.25 34.62 9.84 30.50 100 256 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5379.36 41.56 -12.44 54.00 27.61 34.61 9.84 30.50 100 256 Average	-

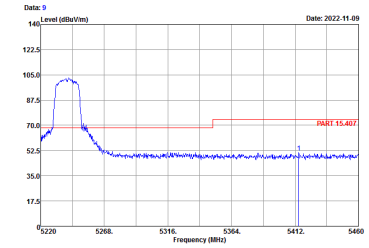
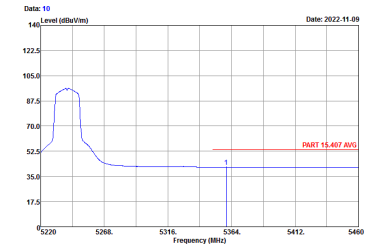
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5142.22 52.85 -21.15 74.00 39.19 34.42 9.74 30.50 100 276 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5220.00 105.11 36.81 68.30 91.32 34.47 9.82 30.50 100 276 Peak 2 5220.00 98.02 ------ ------ 84.23 34.47 9.82 30.50 100 276 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5141.18 42.64 -11.36 54.00 28.98 34.42 9.74 30.50 100 276 Average	-

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5370.24 51.15 -22.85 74.00 37.22 34.59 9.84 30.50 100 276 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 11 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5381.52 41.40 -12.60 54.00 27.45 34.61 9.84 30.50 100 276 Average	-

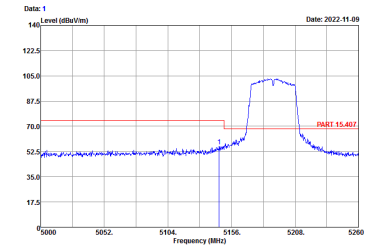
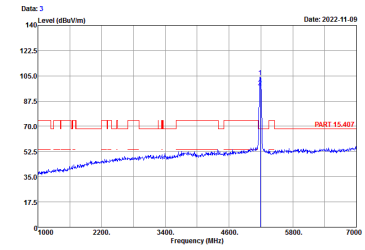
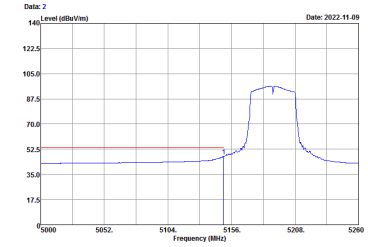
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5140.40 53.28 -20.72 74.00 39.62 34.42 9.74 30.50 100 252 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5240.00 107.93 39.63 68.30 94.12 34.49 9.82 30.50 100 252 Peak 2 5240.00 101.84 ------ ------ 87.23 34.49 9.82 30.50 100 252 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5119.86 43.46 -10.54 54.00 29.83 34.39 9.74 30.50 100 252 Average	-

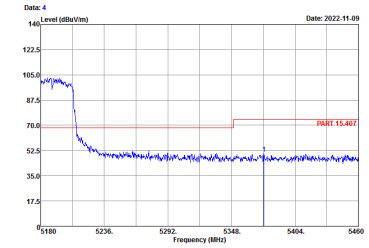
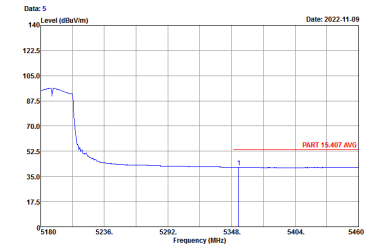
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5372.64 52.02 -21.98 74.00 38.09 34.59 9.84 30.50 100 252 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5359.92 41.84 -12.16 54.00 27.92 34.58 9.84 30.50 100 252 Average	-

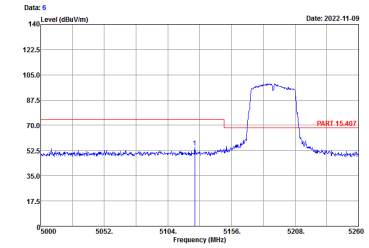
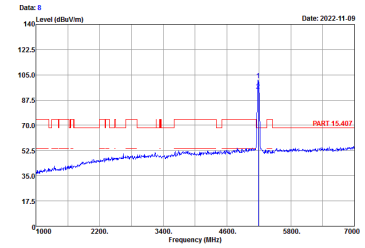
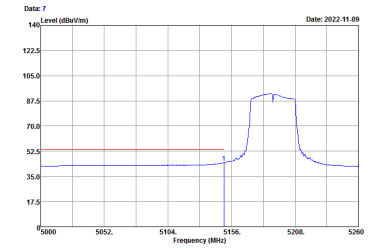
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level / Cable Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5120.38 52.89 -21.11 74.00 39.26 34.39 9.74 30.50 100 277 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level / Cable Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5240.00 104.37 36.07 68.30 90.56 34.49 9.82 30.50 100 277 Peak 2 5240.00 97.07 ------ ------ 83.26 34.49 9.82 30.50 100 277 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level / Cable Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5132.08 42.59 -11.41 54.00 28.94 34.41 9.74 30.50 100 277 Average	-

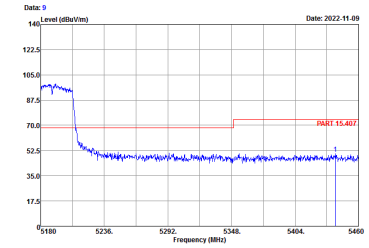
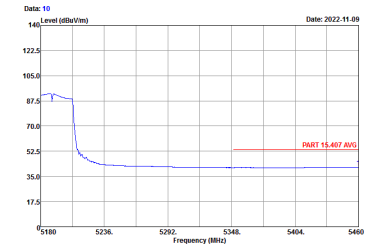
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5414.88 50.99 -23.01 74.00 37.02 34.63 9.84 30.50 100 277 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 12 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5359.92 41.53 -12.47 54.00 27.61 34.58 9.84 30.50 100 277 Average	-

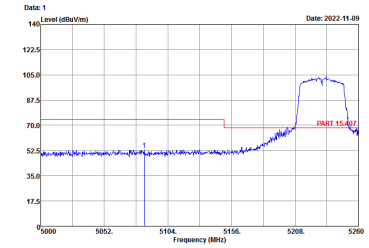
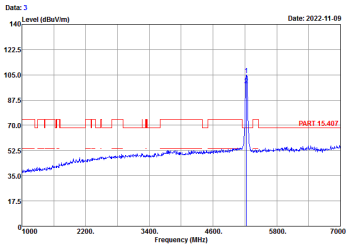
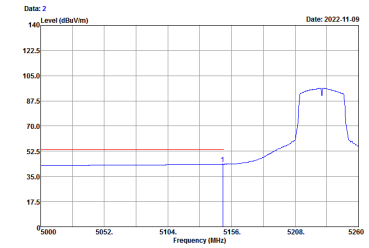
U-NII-1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

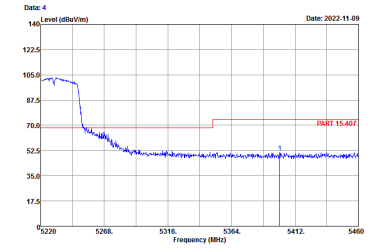
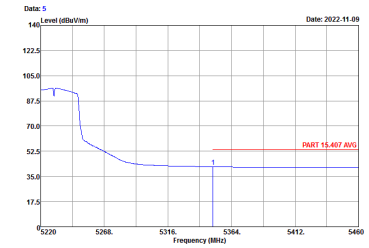
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		-

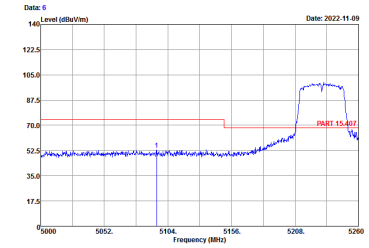
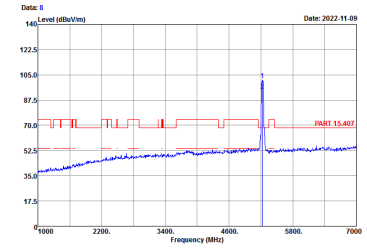
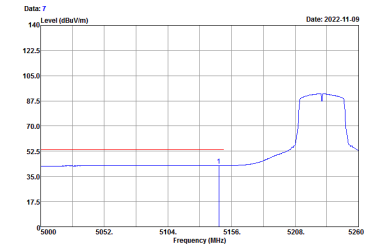
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 19 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5376.56 50.26 -23.74 74.00 36.33 34.59 9.84 30.50 100 252 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 19 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5354.44 41.43 -12.57 54.00 27.51 34.58 9.84 30.50 100 252 Average	-

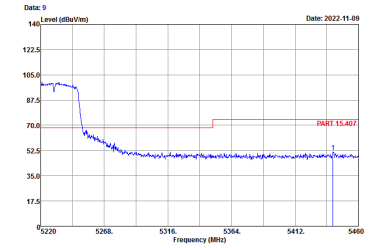
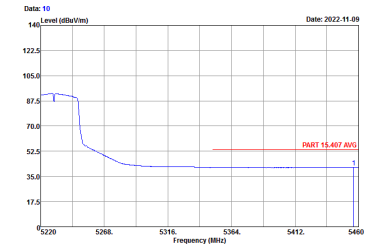
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 19 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5126.10 54.44 -19.56 74.00 40.79 34.41 9.74 30.50 100 278 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 19 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5190.00 101.20 32.90 68.30 87.47 34.45 9.78 30.50 100 278 Peak 2 5190.00 93.99 ------ ------ 80.26 34.45 9.78 30.50 100 278 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 19 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 44.52 -9.48 54.00 30.86 34.42 9.74 30.50 100 278 Average	-

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 19 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5439.56 50.45 -23.55 74.00 36.42 34.65 9.88 30.50 100 278 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 19 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5460.00 41.41 -12.59 54.00 27.37 34.66 9.88 30.50 100 278 Average	-

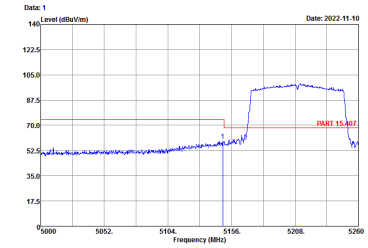
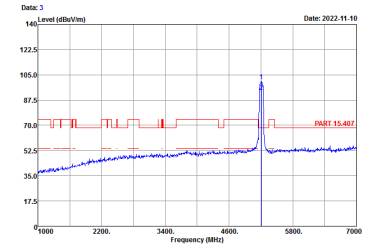
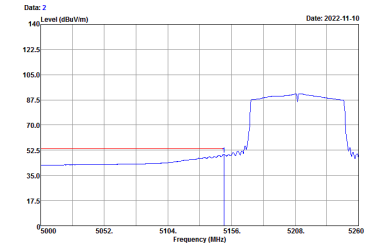
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5084.76 53.07 -20.93 74.00 39.50 34.37 9.70 30.50 100 260 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5230.00 105.04 36.74 68.30 91.23 34.49 9.82 30.50 100 260 Peak 2 5230.00 98.04 ------ ------ 84.23 34.49 9.82 30.50 100 260 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5148.98 43.50 -10.50 54.00 29.84 34.42 9.74 30.50 100 260 Average	-

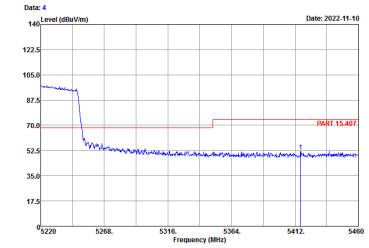
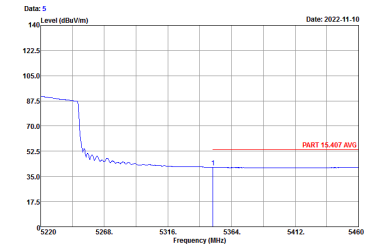
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5400.48 51.09 -22.91 74.00 37.13 34.62 9.84 30.50 100 260 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.08 41.69 -12.31 54.00 27.77 34.58 9.84 30.50 100 260 Average	-

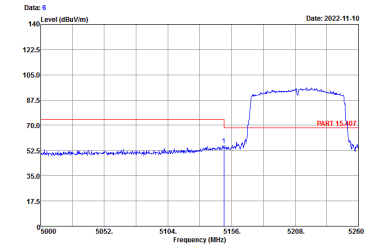
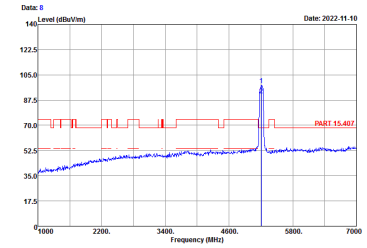
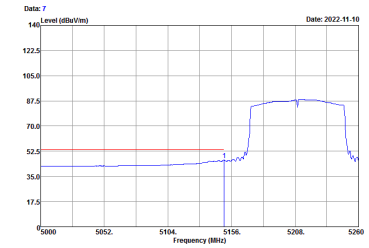
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5094.90 53.14 -20.86 74.00 39.56 34.38 9.70 30.50 100 273 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5230.00 101.47 33.17 68.30 87.66 34.49 9.82 30.50 100 273 Peak 2 5230.00 94.04 ------ ------ 80.23 34.49 9.82 30.50 100 273 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5145.60 42.64 -11.36 54.00 28.98 34.42 9.74 30.50 100 273 Average	-

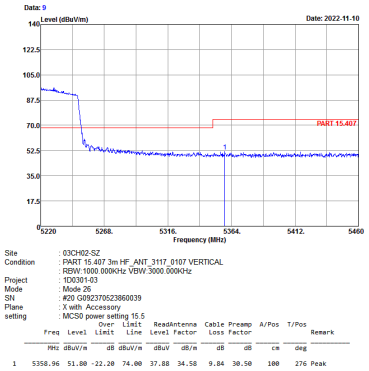
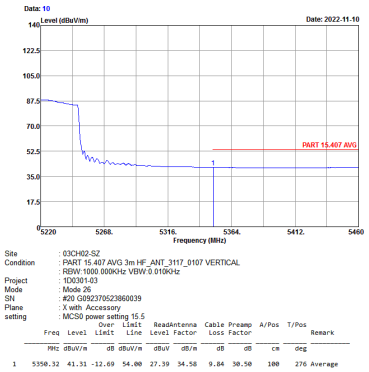
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5440.56 51.49 -22.51 74.00 37.46 34.65 9.88 30.50 100 273 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 20 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5456.40 41.41 -12.59 54.00 27.37 34.66 9.88 30.50 100 273 Average	-

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

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5148.98 59.14 -14.86 74.00 45.48 34.42 9.74 30.50 100 243 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5210.00 100.73 32.43 68.30 86.94 34.47 9.82 30.50 100 243 Peak 2 5210.00 93.05 ------ ------ 79.26 34.47 9.82 30.50 100 243 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 49.71 -4.29 54.00 36.05 34.42 9.74 30.50 100 243 Average	-

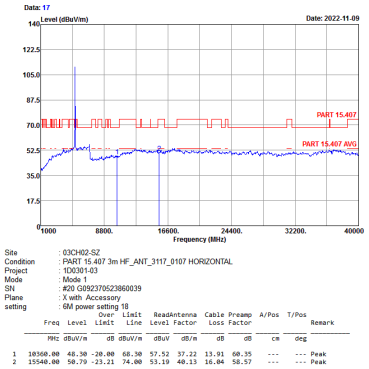
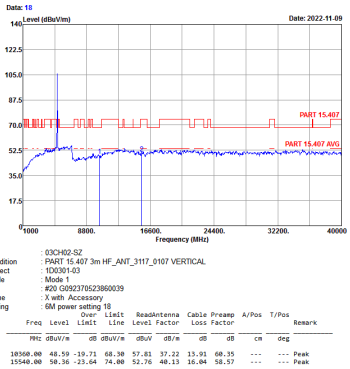
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 15.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5416.08 51.94 -22.06 74.00 37.97 34.63 9.84 30.50 100 243 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G0923705233860039 Plane : X with Accessory setting : MCS0 power setting 15.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.08 41.42 -12.58 54.00 27.50 34.58 9.84 30.50 100 243 Average	-

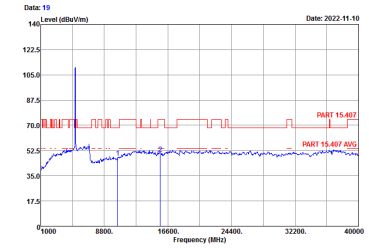
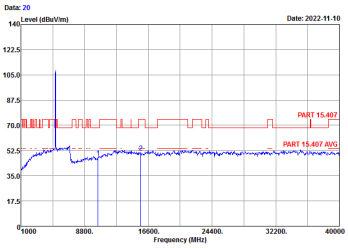
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 56.17 -17.83 74.00 42.51 34.42 9.74 30.50 100 276 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5210.00 97.87 29.57 68.30 84.08 34.47 9.82 30.50 100 276 Peak 2 5210.00 91.05 ------ ------ 77.26 34.47 9.82 30.50 100 276 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5150.00 46.33 -7.67 54.00 32.67 34.42 9.74 30.50 100 276 Average	-

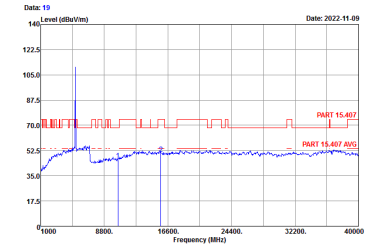
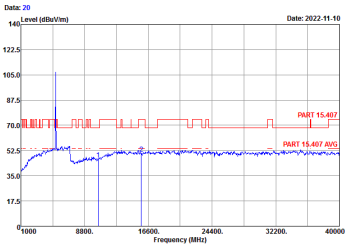
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 15.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5358.96 51.80 -22.20 74.00 37.88 34.58 9.84 30.50 100 276 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 26 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 15.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.32 41.31 -12.69 54.00 27.39 34.58 9.84 30.50 100 276 Average	-

U-NII-1 - 5150~5250MHz

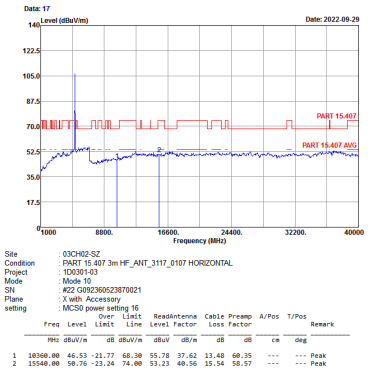
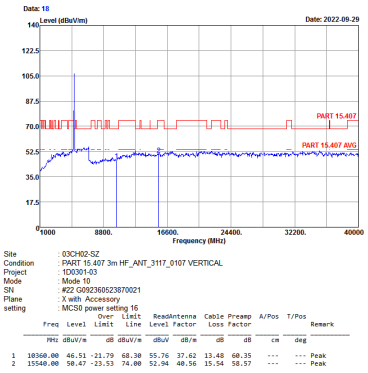
WIFI 802.11a (Harmonic @ 3m)

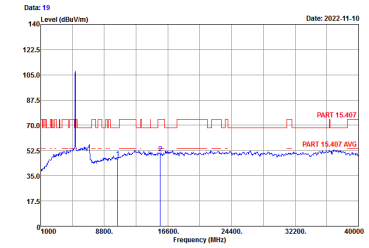
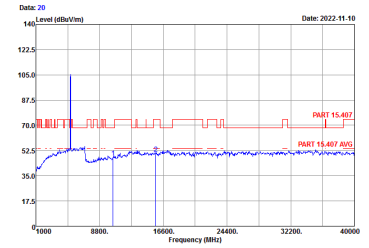
WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : 1D0301-03 Mode : Mode 1 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10360.00 48.30 -20.00 68.30 57.52 37.22 13.91 60.35 --- --- Peak 2 15540.00 50.79 -23.21 74.00 53.19 40.13 16.04 58.57 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : 1D0301-03 Mode : Mode 1 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10360.00 48.59 -19.71 68.30 57.81 37.22 13.91 60.35 --- --- Peak 2 15540.00 50.36 -23.64 74.00 52.76 40.13 16.04 58.57 --- --- Peak

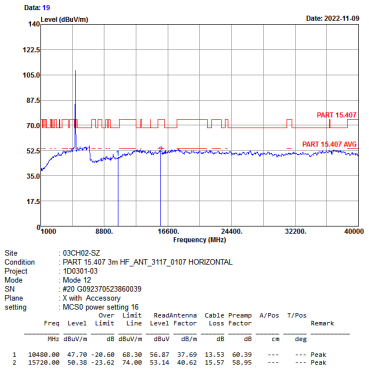
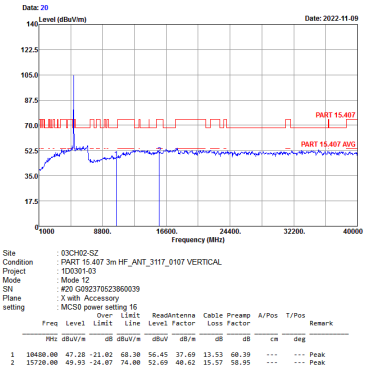
WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : 1D0301-03 Mode : Mode 2 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10440.00 47.40 -20.90 68.30 56.60 37.66 13.51 60.37 --- --- Peak 2 15660.00 50.48 -23.52 74.00 53.13 40.60 15.56 58.81 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : 1D0301-03 Mode : Mode 2 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10440.00 47.58 -20.72 68.30 56.78 37.66 13.51 60.37 --- --- Peak 2 15660.00 50.95 -23.05 74.00 53.60 40.60 15.56 58.81 --- --- Peak

WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : 1D0301-03 Mode : Mode 3 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10480.00 46.06 -22.24 68.30 55.23 37.69 13.53 60.39 --- --- Peak 2 15720.00 50.35 -23.65 74.00 53.11 40.62 15.57 58.95 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : 1D0301-03 Mode : Mode 3 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10480.00 46.35 -21.95 68.30 55.52 37.69 13.53 60.39 --- --- Peak 2 15720.00 50.22 -23.78 74.00 52.98 40.62 15.57 58.95 --- --- Peak

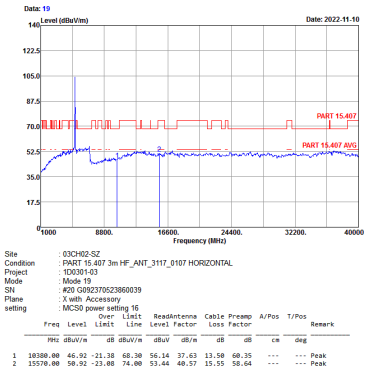
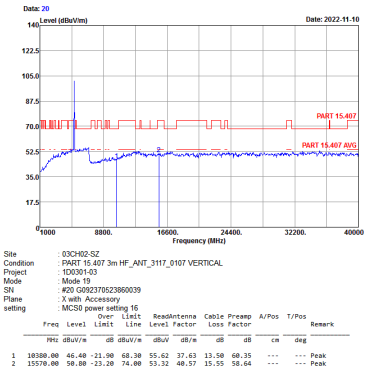
U-NII-1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

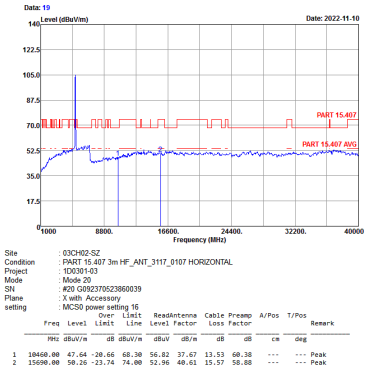
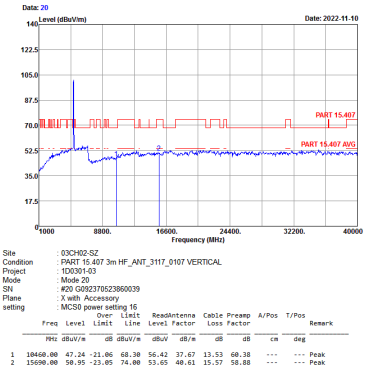
WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : 1D0301-03 Mode : Mode 11 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 10440.00 47.21 -21.09 68.30 56.41 37.66 13.51 60.37 --- --- Peak 2 15660.00 50.66 -23.34 74.00 53.31 40.60 15.56 58.81 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : 1D0301-03 Mode : Mode 11 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 10440.00 47.66 -20.64 68.30 56.86 37.66 13.51 60.37 --- --- Peak 2 15660.00 50.12 -23.88 74.00 52.77 40.60 15.56 58.81 --- --- Peak

WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : 1D0301-03 Mode : Mode 12 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 10480.00 47.70 -20.60 68.30 56.87 37.69 13.53 60.39 --- --- Peak 2 15720.00 50.38 -23.62 74.00 53.14 40.62 15.57 58.95 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : 1D0301-03 Mode : Mode 12 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 10480.00 47.28 -21.02 68.30 56.45 37.69 13.53 60.39 --- --- Peak 2 15720.00 49.93 -24.07 74.00 52.69 40.62 15.57 58.95 --- --- Peak

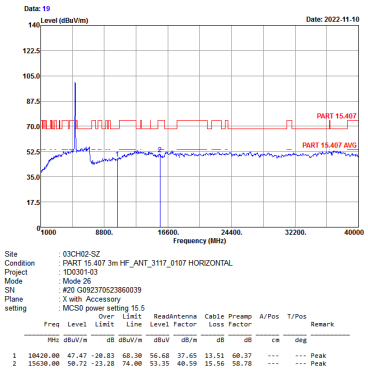
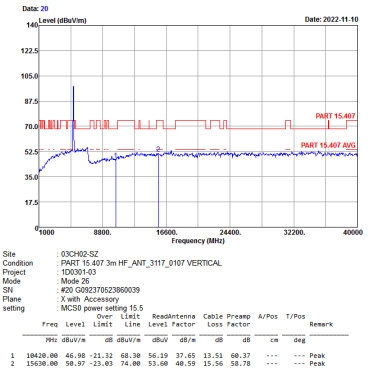
U-NII-1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : 1D0301-03 Mode : Mode 20 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 10460.00 47.64 -20.66 68.30 56.82 37.67 13.53 60.38 --- --- Peak 2 15690.00 50.26 -23.74 74.00 52.96 40.61 15.57 58.88 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : 1D0301-03 Mode : Mode 20 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 10460.00 47.24 -21.06 68.30 56.42 37.67 13.53 60.38 --- --- Peak 2 15690.00 50.95 -23.05 74.00 53.65 40.61 15.57 58.88 --- --- Peak

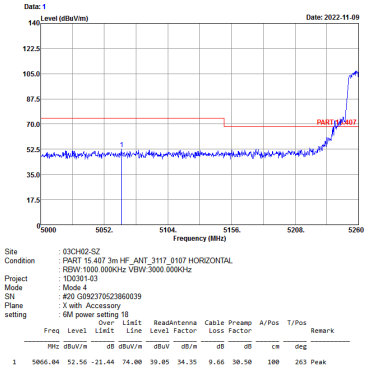
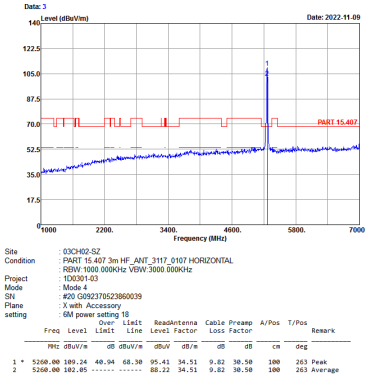
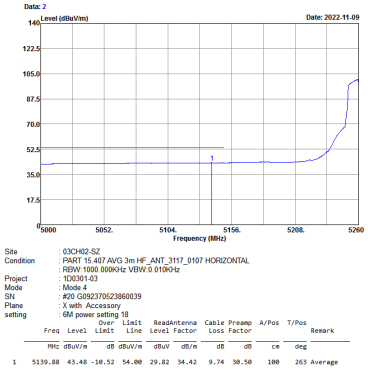
U-NII-1 5150~5250MHz

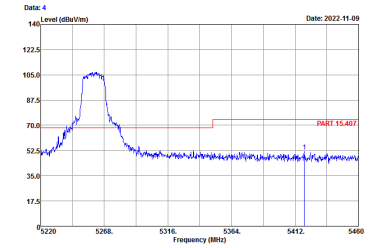
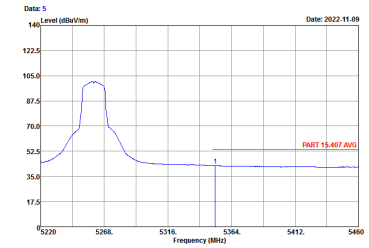
WIFI 802.11ac VHT80 (Harmonic @ 3m)

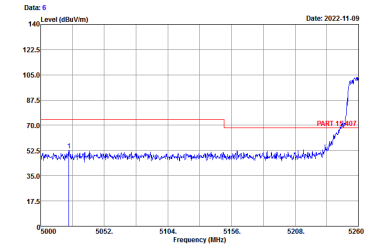
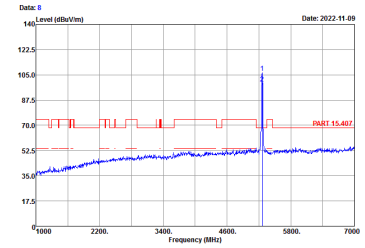
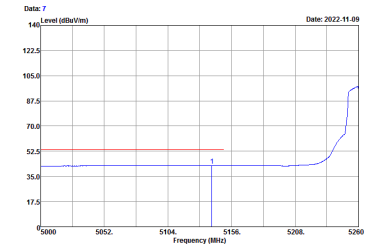
WIFI	U-NII-1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.		

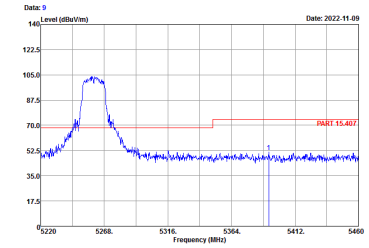
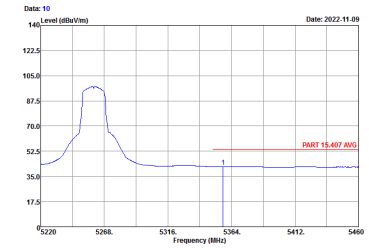
U-NII-2A - 5250~5350MHz

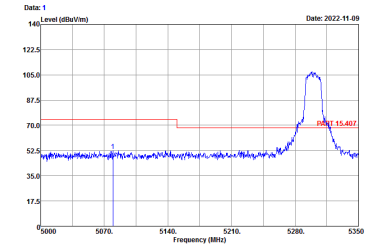
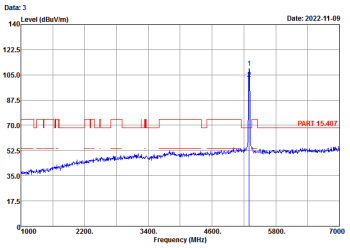
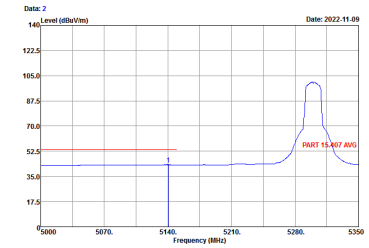
WIFI 802.11a (Band Edge @ 3m)

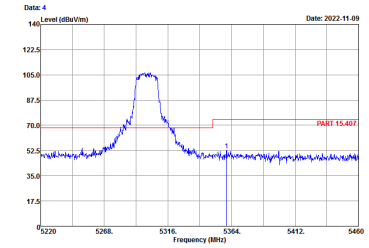
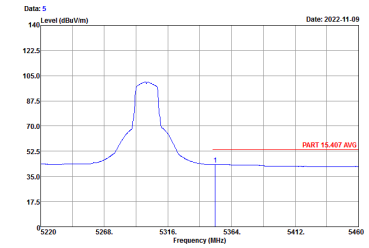
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		-

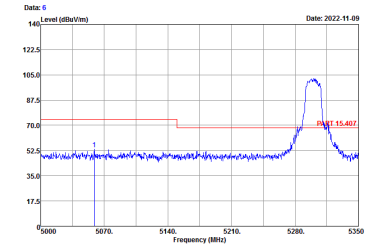
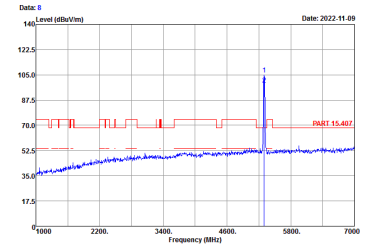
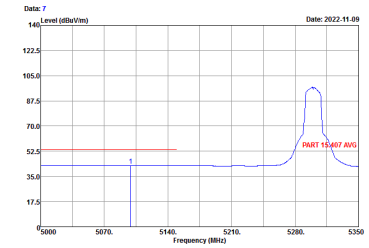
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 4 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5418.96 51.73 -22.27 74.00 37.76 34.63 9.84 30.50 100 263 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 4 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5351.76 42.39 -11.61 54.00 28.47 34.58 9.84 30.50 100 263 Average	-

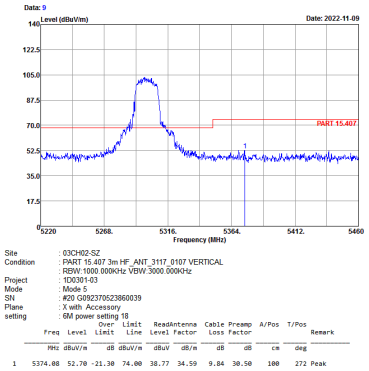
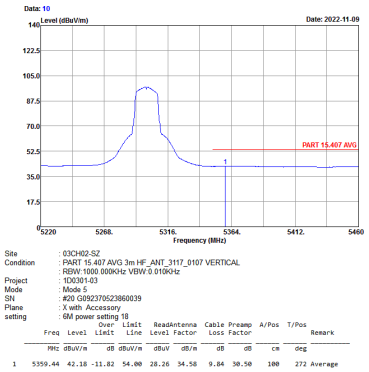
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 4 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5023.14 52.67 -21.33 74.00 39.22 34.33 9.62 30.50 100 278 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 4 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5260.00 106.29 37.99 68.30 92.46 34.51 9.82 30.50 100 278 Peak 2 5260.00 99.10 ------ ------ 85.27 34.51 9.82 30.50 100 278 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 4 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5139.88 42.68 -11.32 54.00 29.02 34.42 9.74 30.50 100 278 Average	-

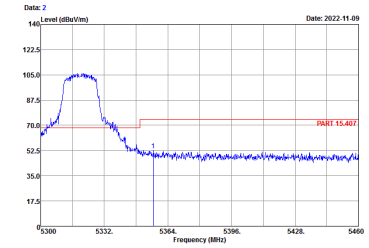
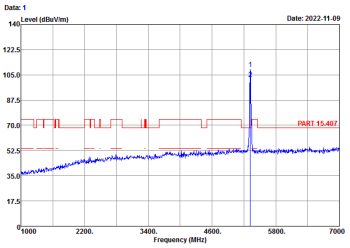
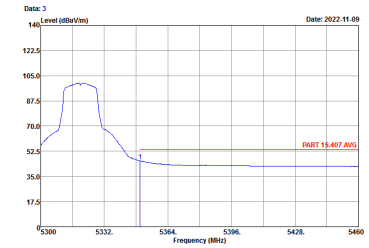
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 4 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5392.08 51.48 -22.52 74.00 37.53 34.61 9.84 30.50 100 278 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 4 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5357.76 41.83 -12.17 54.00 27.91 34.58 9.84 30.50 100 278 Average	-

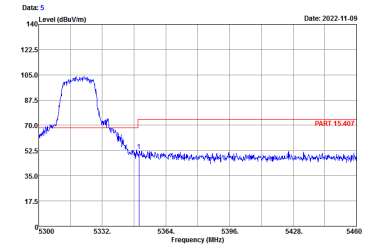
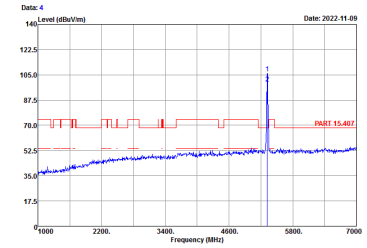
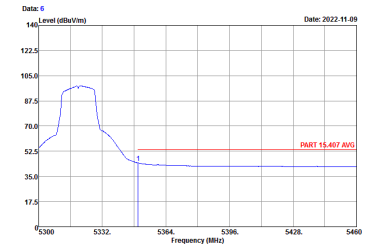
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5079.45 52.42 -21.58 74.00 38.85 34.37 9.70 30.50 100 254 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5300.00 109.82 41.52 68.30 95.95 34.54 9.83 30.50 100 254 Peak 2 5300.00 102.08 ------ ------ 88.21 34.54 9.83 30.50 100 254 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G092370523860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5140.70 43.15 -10.85 54.00 29.49 34.42 9.74 30.50 100 254 Average	-

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 5360.16 52.49 -21.51 74.00 38.57 34.58 9.84 30.50 100 254 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 5351.76 43.32 -10.68 54.00 29.40 34.58 9.84 30.50 100 254 Average	-

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5059.15 53.48 -20.52 74.00 39.97 34.35 9.66 30.50 100 272 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5300.00 105.19 36.89 68.30 91.32 34.54 9.83 30.50 100 272 Peak 2 5300.00 98.13 ------ ------ 84.26 34.54 9.83 30.50 100 272 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5099.05 42.63 -11.37 54.00 29.05 34.38 9.70 30.50 100 272 Average	-

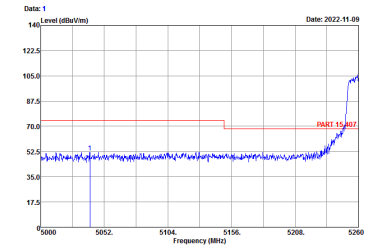
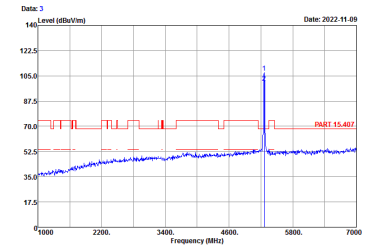
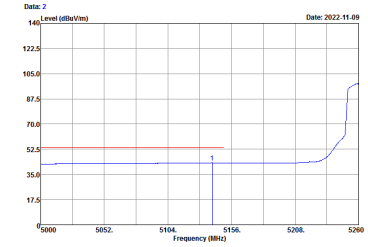
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5374.08 52.70 -21.30 74.00 38.77 34.59 9.84 30.50 100 272 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 5 SN : #20 G0923705238600039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5359.44 42.18 -11.82 54.00 28.26 34.58 9.84 30.50 100 272 Average	-

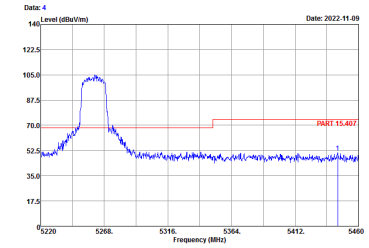
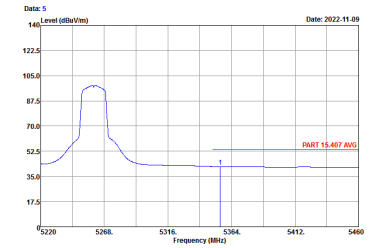
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 6 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5356.64 52.62 -21.38 74.00 38.70 34.58 9.84 30.50 100 273 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 6 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5320.00 109.05 40.75 68.30 95.17 34.55 9.83 30.50 100 273 Peak 2 5320.00 102.10 ------ ------ 88.22 34.55 9.83 30.50 100 273 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 6 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.08 45.75 -8.25 54.00 31.83 34.58 9.84 30.50 100 273 Average	-

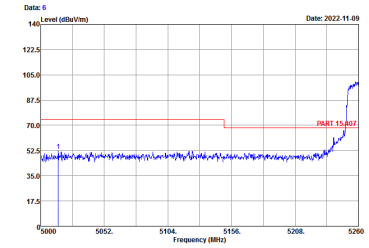
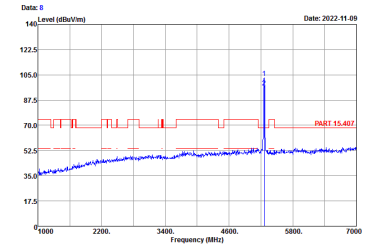
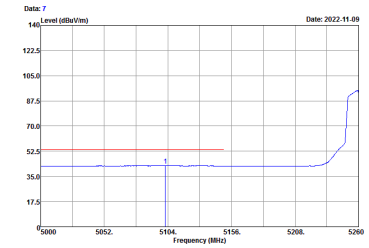
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 6 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.40 52.43 -21.57 74.00 38.51 34.58 9.84 30.50 100 276 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 6 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5320.00 105.94 37.64 68.30 92.06 34.55 9.83 30.50 100 276 Peak 2 5320.00 99.13 ------ ------ 85.25 34.55 9.83 30.50 100 276 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 6 SN : #20 G0923705233860039 Plane : X with Accessory setting : 6M power setting 18 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.08 44.33 -9.67 54.00 30.41 34.58 9.84 30.50 100 276 Average	-

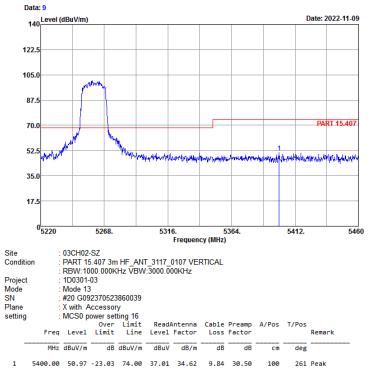
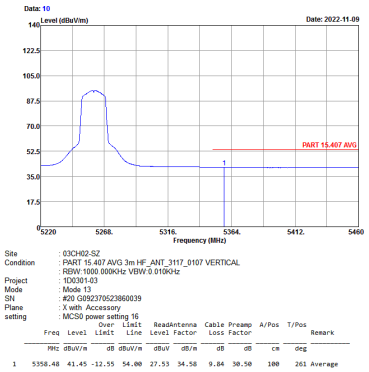
U-NII-2A 5250~5350MHz

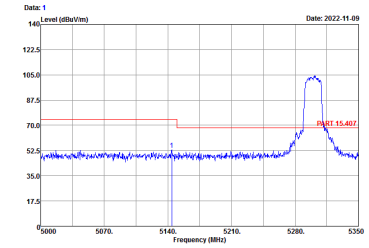
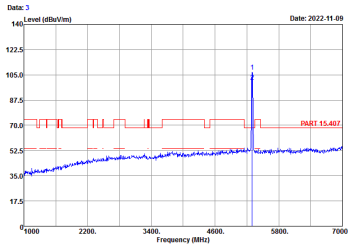
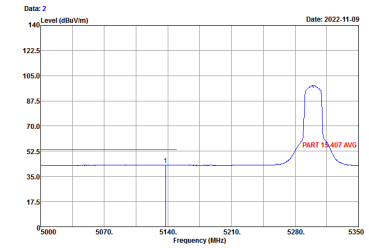
WIFI 802.11n HT20 (Band Edge @ 3m)

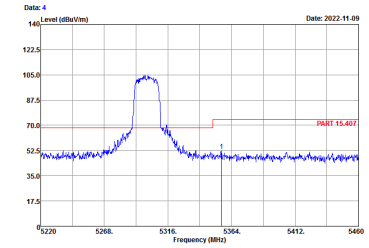
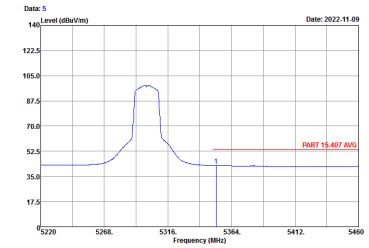
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		-

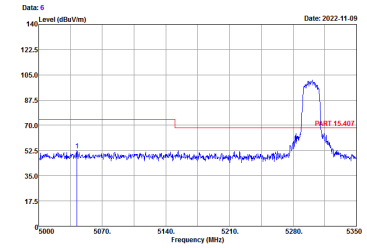
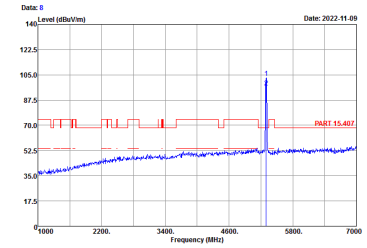
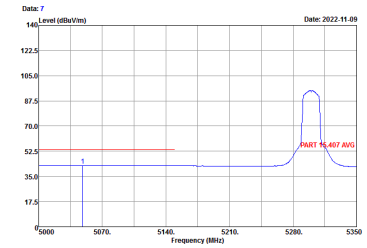
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 13 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5444.16 51.04 -22.96 74.00 37.01 34.65 9.88 30.50 100 262 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 13 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5355.60 41.91 -12.09 54.00 27.99 34.58 9.84 30.50 100 262 Average	-

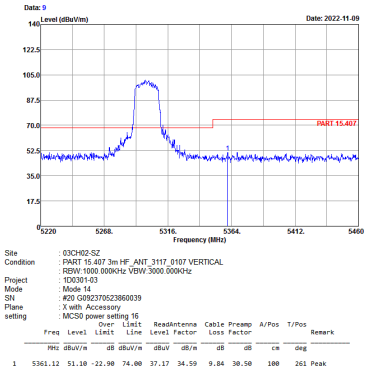
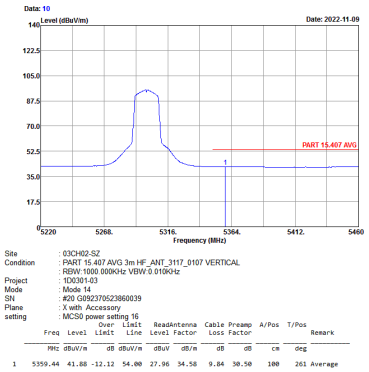
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 13 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5014.30 52.09 -21.91 74.00 38.66 34.31 9.62 30.50 100 261 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 13 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5260.00 102.97 34.67 68.30 89.14 34.51 9.82 30.50 100 261 Peak 2 5260.00 96.14 ------ ------ 82.31 34.51 9.82 30.50 100 261 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 13 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5101.92 42.41 -11.59 54.00 28.83 34.38 9.70 30.50 100 261 Average	-

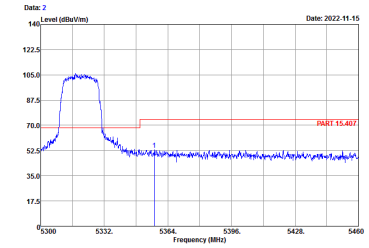
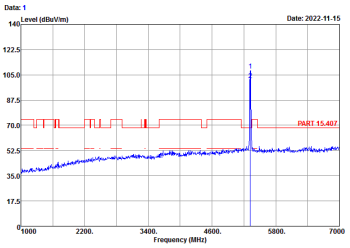
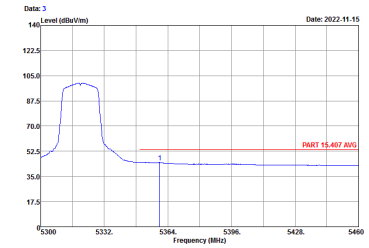
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 13 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5400.00 50.97 -23.03 74.00 37.01 34.62 9.84 30.50 100 261 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 13 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5358.48 41.45 -12.55 54.00 27.53 34.58 9.84 30.50 100 261 Average	-

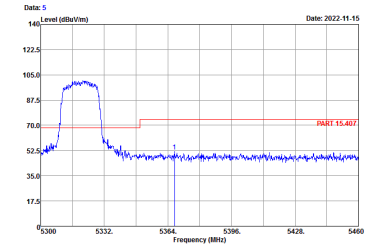
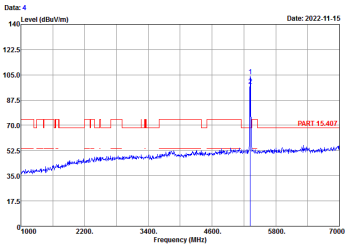
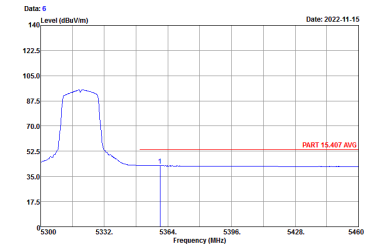
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 5144.20 52.84 -21.16 74.00 39.18 34.42 9.74 30.50 100 261 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 * 5300.00 107.40 39.10 68.30 93.53 34.54 9.83 30.50 100 261 Peak 2 5300.00 100.13 ------ ------ 86.26 34.54 9.83 30.50 100 261 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 5137.55 42.95 -11.05 54.00 29.30 34.41 9.74 30.50 100 261 Average	-

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5356.32 52.08 -21.92 74.00 38.16 34.58 9.84 30.50 100 261 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5352.48 42.57 -11.43 54.00 28.65 34.58 9.84 30.50 100 261 Average	-

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5042.00 52.67 -21.33 74.00 39.17 34.34 9.66 30.50 100 261 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5300.00 103.11 34.81 68.30 89.24 34.54 9.83 30.50 100 261 Peak 2 5300.00 96.23 ------ ------ 82.36 34.54 9.83 30.50 100 261 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5048.30 42.67 -11.33 54.00 29.17 34.34 9.66 30.50 100 261 Average	-

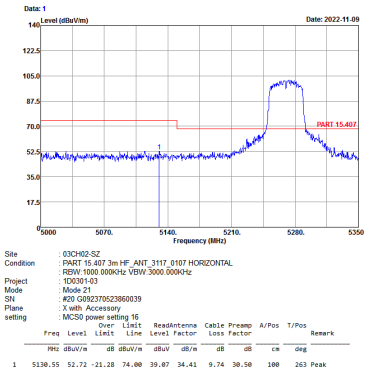
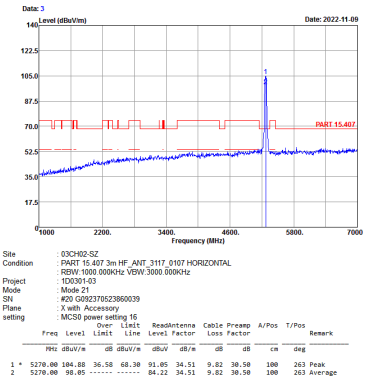
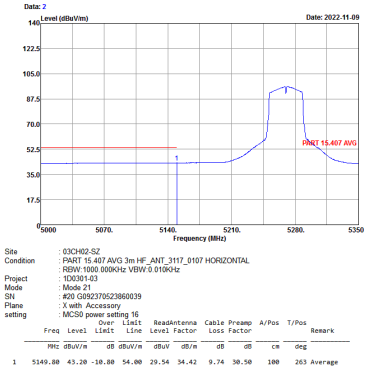
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5361.12 51.10 -22.90 74.00 37.17 34.59 9.84 30.50 100 261 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 14 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5359.44 41.88 -12.12 54.00 27.96 34.58 9.84 30.50 100 261 Average	-

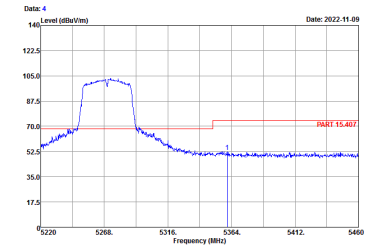
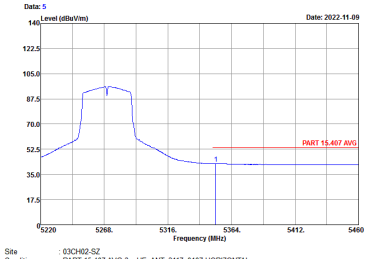
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 15 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5357.28 52.90 -21.10 74.00 38.98 34.58 9.84 30.50 100 257 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 15 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5320.00 108.05 39.75 68.30 94.17 34.55 9.83 30.50 100 257 Peak 2 5320.00 101.25 ------ ------ 87.37 34.55 9.83 30.50 100 257 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 15 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5359.84 44.78 -9.22 54.00 30.86 34.58 9.84 30.50 100 257 Average	-

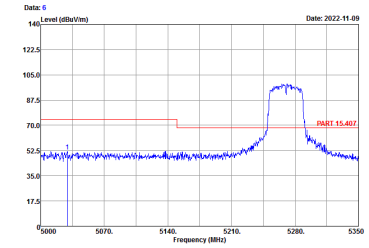
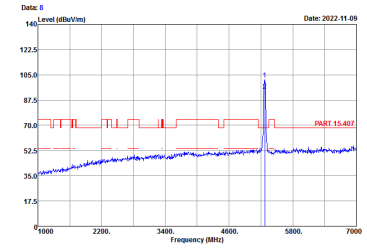
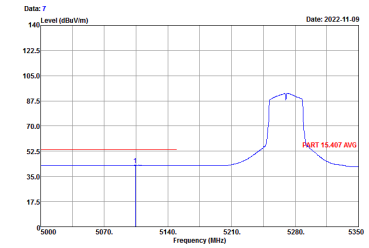
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 15 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5367.36 51.69 -22.31 74.00 37.76 34.59 9.84 30.50 100 274 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 15 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5320.00 104.04 35.74 68.30 90.16 34.55 9.83 30.50 100 274 Peak 2 5320.00 97.35 ------ ------ 83.47 34.55 9.83 30.50 100 274 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 15 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5360.00 42.61 -11.39 54.00 28.69 34.58 9.84 30.50 100 274 Average	-

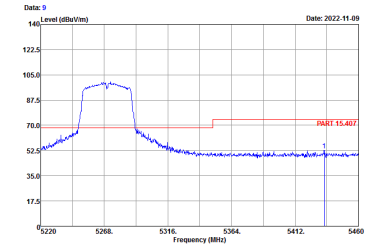
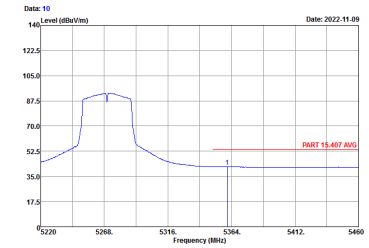
U-NII-2A 5250~5350MHz

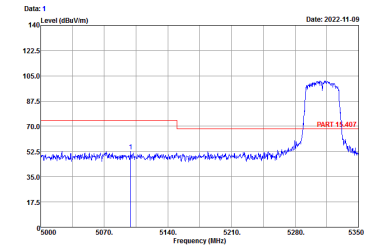
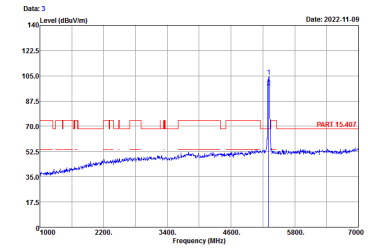
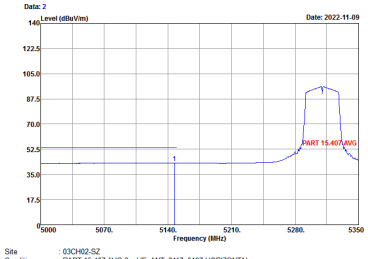
WIFI 802.11n HT40 (Band Edge @ 3m)

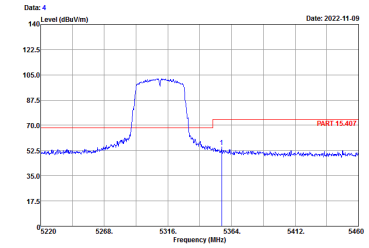
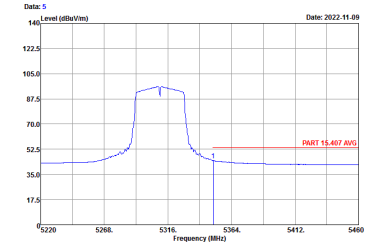
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		-

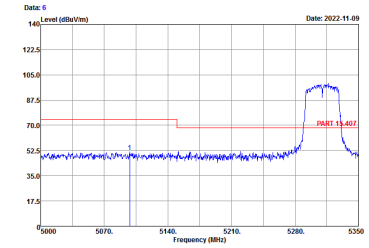
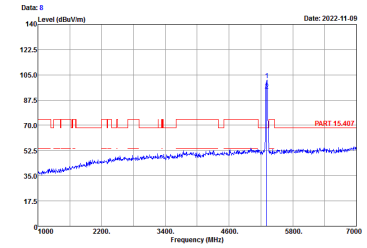
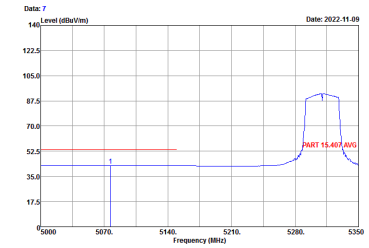
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 21 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5360.88 52.42 -21.58 74.00 38.49 34.59 9.84 30.50 100 263 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:9.010KHz Project : 1D0301-03 Mode : Mode 21 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5352.24 42.54 -11.46 54.00 28.62 34.58 9.84 30.50 100 263 Average	-

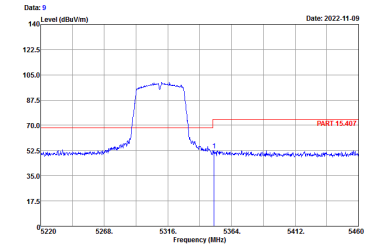
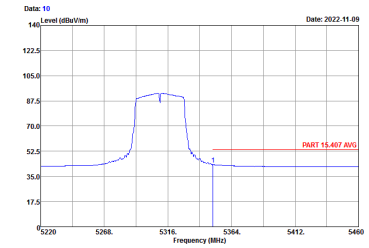
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 21 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5029.40 51.98 -22.02 74.00 38.53 34.33 9.62 30.50 100 273 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 21 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5270.00 101.81 33.51 68.30 87.98 34.51 9.82 30.50 100 273 Peak 2 5270.00 94.07 ------ ------ 80.24 34.51 9.82 30.50 100 273 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 21 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5104.30 42.74 -11.26 54.00 29.16 34.38 9.70 30.50 100 273 Average	-

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 21 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5434.08 52.58 -21.42 74.00 38.55 34.65 9.88 30.50 100 273 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 21 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5360.88 41.77 -12.23 54.00 27.84 34.59 9.84 30.50 100 273 Average	-

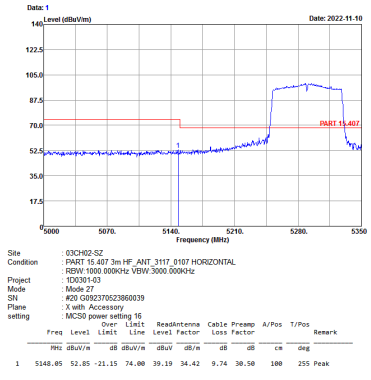
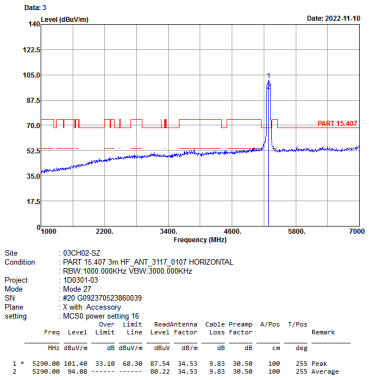
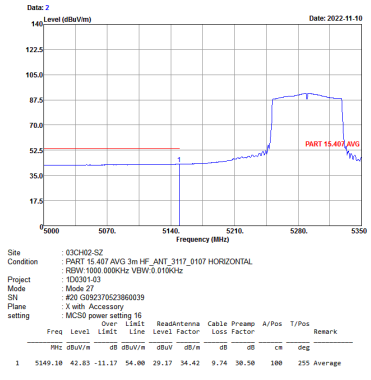
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5099.05 52.62 -21.38 74.00 39.04 34.38 9.70 30.50 100 254 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5310.00 104.40 36.10 68.30 90.52 34.55 9.83 30.50 100 254 Peak 2 5310.00 97.15 ------ ------ 83.27 34.55 9.83 30.50 100 254 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:9.010KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G092370523860039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5147.35 42.89 -11.11 54.00 29.23 34.42 9.74 30.50 100 254 Average	-

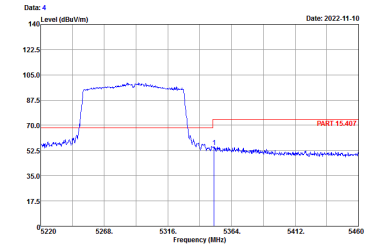
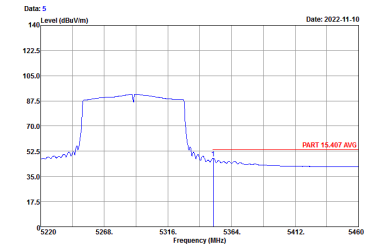
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5356.56 54.98 -19.02 74.00 41.06 34.58 9.84 30.50 100 254 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.32 44.76 -9.24 54.00 30.84 34.58 9.84 30.50 100 254 Average	-

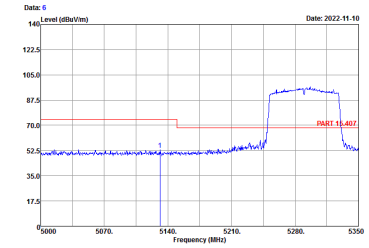
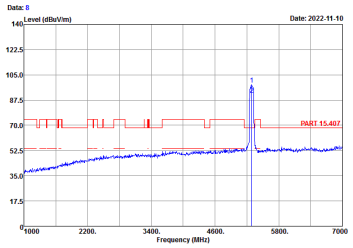
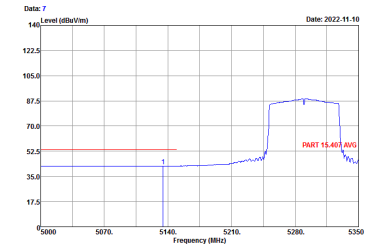
WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5098.00 51.31 -22.69 74.00 37.73 34.38 9.70 30.50 100 262 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5310.00 101.51 33.21 68.30 87.63 34.55 9.83 30.50 100 262 Peak 2 5310.00 94.15 ------ ------ 80.27 34.55 9.83 30.50 100 262 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G09237052386003 9 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5076.65 42.63 -11.37 54.00 29.06 34.37 9.70 30.50 100 262 Average	-

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.80 52.81 -21.19 74.00 38.89 34.58 9.84 30.50 100 262 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 22 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.08 43.22 -10.78 54.00 29.30 34.58 9.84 30.50 100 262 Average	-

U-NII-2A 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		-

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 27 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.80 55.17 -18.83 74.00 41.25 34.58 9.84 30.50 100 255 Peak	-
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 27 SN : #20 G0923705238600039 Plane : X with Accessory setting : MCS0 power setting 16 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.32 47.74 -6.26 54.00 33.82 34.58 9.84 30.50 100 255 Average	-

WIFI	U-NII-2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 27 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5131.25 53.01 -20.99 74.00 39.36 34.41 9.74 30.50 100 273 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 1D0301-03 Mode : Mode 27 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5290.00 98.20 29.90 68.30 84.34 34.53 9.83 30.50 100 273 Peak 2 5290.00 91.06 ------ ------ 77.22 34.53 9.83 30.50 100 273 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 1D0301-03 Mode : Mode 27 SN : #20 G0923705238600 39 Plane : X with Accessory setting : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5134.75 42.29 -11.71 54.00 28.64 34.41 9.74 30.50 100 273 Average	-