FCC RF Test Report

APPLICANT	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
EQUIPMENT	:	Mobile Phone
BRAND NAME	:	realme
MODEL NAME	:	RMX5111
FCC ID	:	2AUYFRMX5111
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Jun. 20, 2025 ~ Jun. 28, 2025

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.

Fly Liang

Approved by: Fly Liang

ACCREDITED
Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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APPENDIX A. CONDUCTED TEST RESULTS

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR551908E	Rev. 01	Initial issue of report	Jul. 29, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	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	Under limit 4.47 dB at 8288.00 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 17.19 dB at 0.37 MHz
3.6	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

1 General Description

1.1 Applicant

Realme Chongqing Mobile Telecommunications Corp., Ltd.
No.178 Yulong Avenue,Yufengshan,Yubei District,Chongqing,China

1.2 Manufacturer

Realme Chongqing Mobile Telecommunications Corp., Ltd.
No.178 Yulong Avenue,Yufengshan,Yubei District,Chongqing,China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	realme
Model Name	RMX5111
FCC ID	2AUYFRMX5111
IMEI Code	Conducted: 865838080031732/865838080031724 Conduction: 865838080030452/865838080030445 Radiation: 865838080030676/865838080030668
HW Version	11
SW Version	realme UI 6.0
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5700 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.21 dBm / 0.0418 W 802.11ac VHT20: 16.19 dBm / 0.0416 W 802.11ac VHT40: 17.07 dBm / 0.0509 W 802.11ac VHT80: 10.52 dBm / 0.0113 W **<5260 MHz ~ 5320 MHz>** 802.11a : 16.24 dBm / 0.0421 W 802.11ac VHT20: 16.24 dBm / 0.0421 W 802.11ac VHT40: 16.50 dBm / 0.0447 W 802.11ac VHT80: 9.54 dBm / 0.0090 W **<5500 MHz ~ 5700 MHz >** 802.11a : 12.27 dBm / 0.0169 W 802.11ac VHT20: 12.03 dBm / 0.0160 W 802.11ac VHT40: 17.09 dBm / 0.0512 W 802.11ac VHT80: 10.56 dBm / 0.0114 W
99% Occupied Bandwidth	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.88 MHz 802.11ac VHT20 : 17.93 MHz 802.11ac VHT40 : 36.83 MHz 802.11ac VHT80 : 75.77 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.90 MHz 802.11ac VHT20 : 17.97 MHz 802.11ac VHT40 : 36.70 MHz 802.11ac VHT80 : 75.76 MHz **<5500 MHz ~ 5700 MHz>** 802.11a : 17.62 MHz 802.11ac VHT20 : 18.43 MHz 802.11ac VHT40 : 38.00 MHz 802.11ac VHT80 : 76.04 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** PIFA Antenna with gain -2.39 dBi **<5260 MHz ~ 5320 MHz>** PIFA Antenna with gain -1.58 dBi **<5500 MHz ~ 5700 MHz>** PIFA Antenna with gain -1.25 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 has assessed only 802.11ac VHT20/ VHT40 by referring to their higher conducted power.

1.5 Modification of EUT

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

1.6 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	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ CO02-SZ ; 03CH04-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24
2.	CO02-SZ	AUDIX	E3	6.120613b

1.8 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:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z/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)
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)
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)
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

Note:

1. The above Frequency and Channel in "*" are 40MHz bandwidth.
2. The above Frequency and Channel in "#" are 80MHz bandwidth.

2.2 Test Mode

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

SISO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

AC Conducted Emission	Mode 1 : GSM 850 Idle + Bluetooth Link + WLAN Link (5G) + Adapter 1 + USB Cable1 + Battery 1
Remark: For Radiated Test Cases, The tests were performance with Adapter 1 and USB Cable1.	

RSE Co-location
802.11a CH36 5180MHZ + LTE B13 Link 802.11a CH36 5180MHZ + LTE B13 Link + BLE 2Mbps CH01 2404MHZ

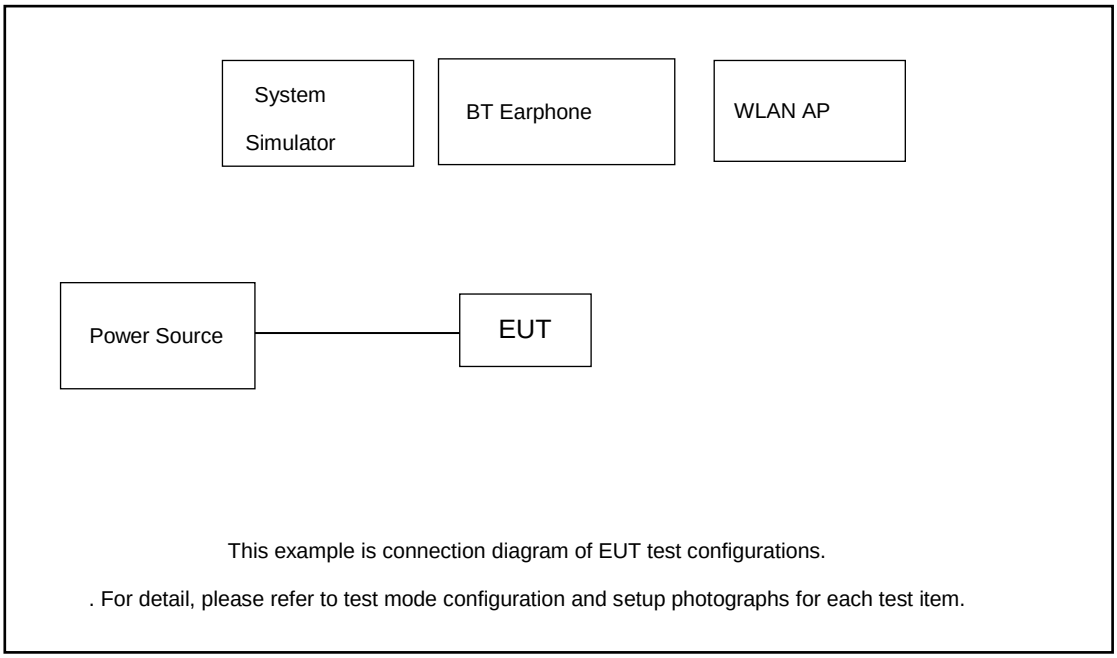
Ch. #		U-NII-1	U-NII-2A	U-NII-2C
		20M BW	20M BW	20M BW
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		U-NII-1	U-NII-2A	U-NII-2C
		40M BW	40M BW	40M BW
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

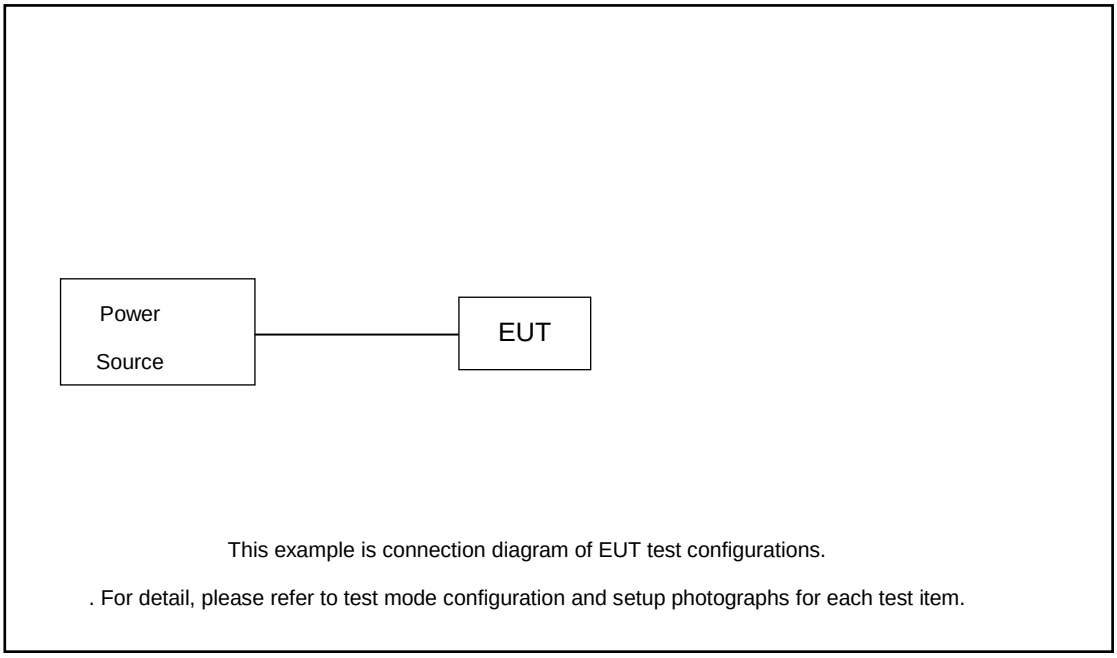
Ch. #		U-NII-1	U-NII-2A	U-NII-2C
		80M BW	80M BW	80M BW
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122

2.3 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Notebook	DELL	Latiude 3400	N/A	N/A	Unshielded,1.8m
3.	Bluetooth Earphone	Lenovo	thinkplus-BH3	N/A	N/A	N/A
4.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded,1.8m

2.5 EUT Operation Test Setup

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

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

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 2.80 dB and 10dB attenuator.

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

= 2.80 + 10 = 12.80 (dB)

3 Test Result

3.1 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB and 99% Occupied Bandwidth

26dB and 99% Occupied bandwidth are reporting only.

3.1.2 Measuring Instruments

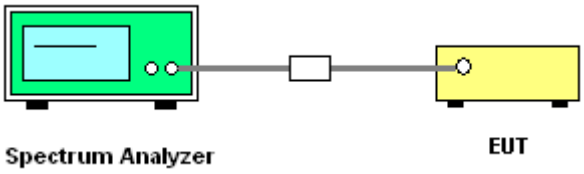
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

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

☒	Section C) Bandwidth Measurement Emission Bandwidth (EBW) and 99% OBW
	1. Set RBW = approximately 1% of the emission bandwidth. **2.** Set the VBW > RBW. **3.** Detector = Peak. **4.** Trace mode = max hold **5.** Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%. **6.** For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set to 1%~5% of the OBW and set the Video bandwidth (VBW) ≥ 3 * RBW. **7.** Measure and record the results in the test report.

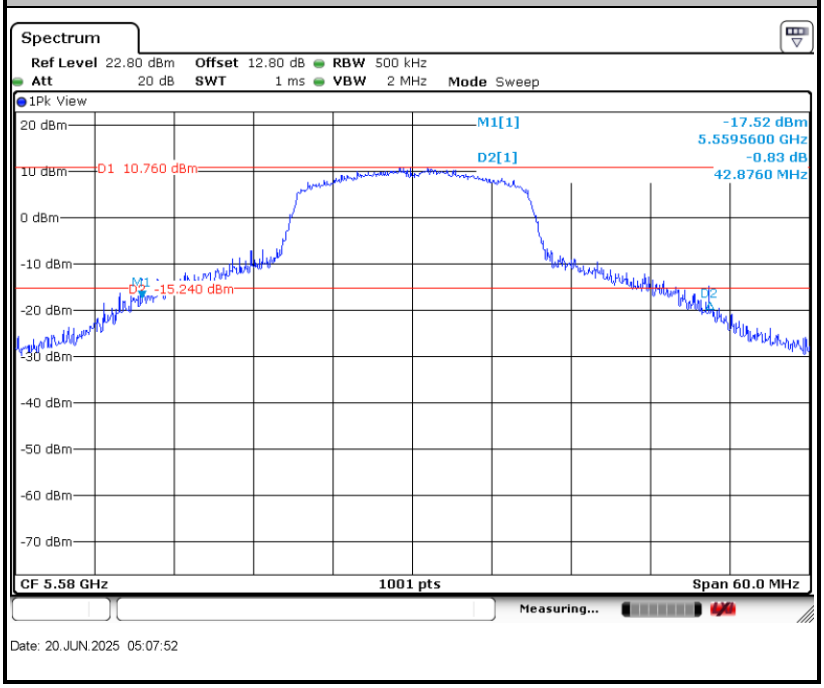
3.1.4 Test Setup



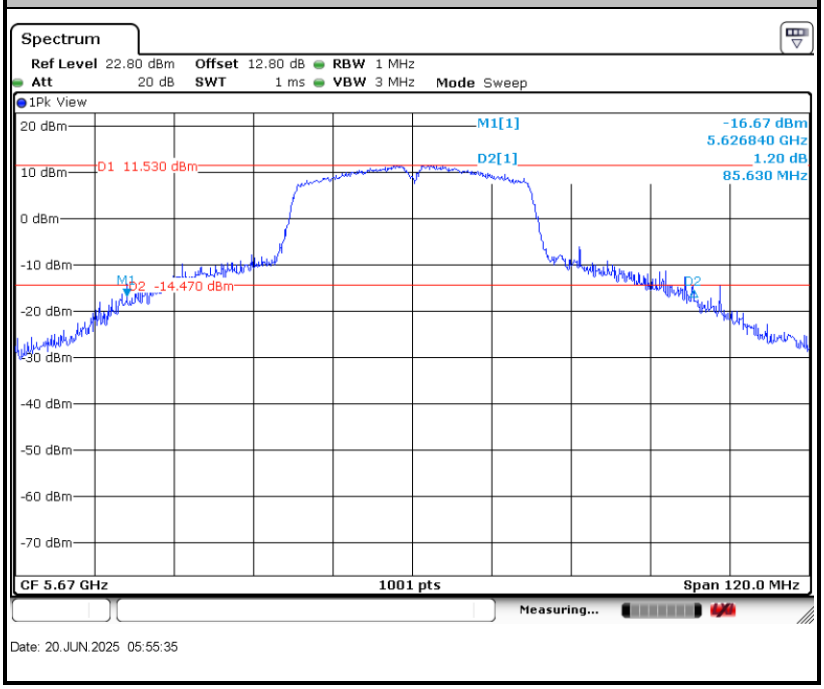
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

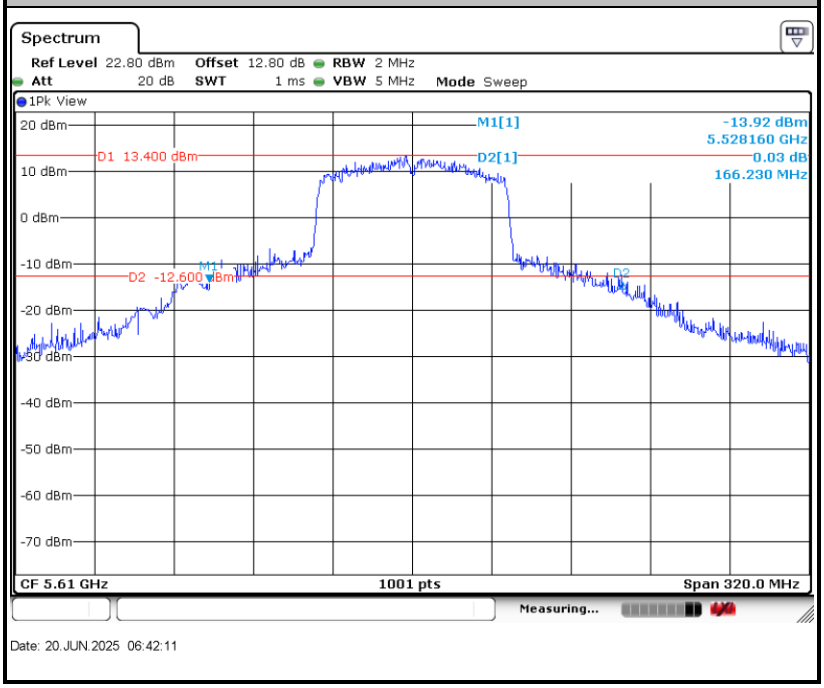
Maximum 26dB Bandwidth for 20M BW



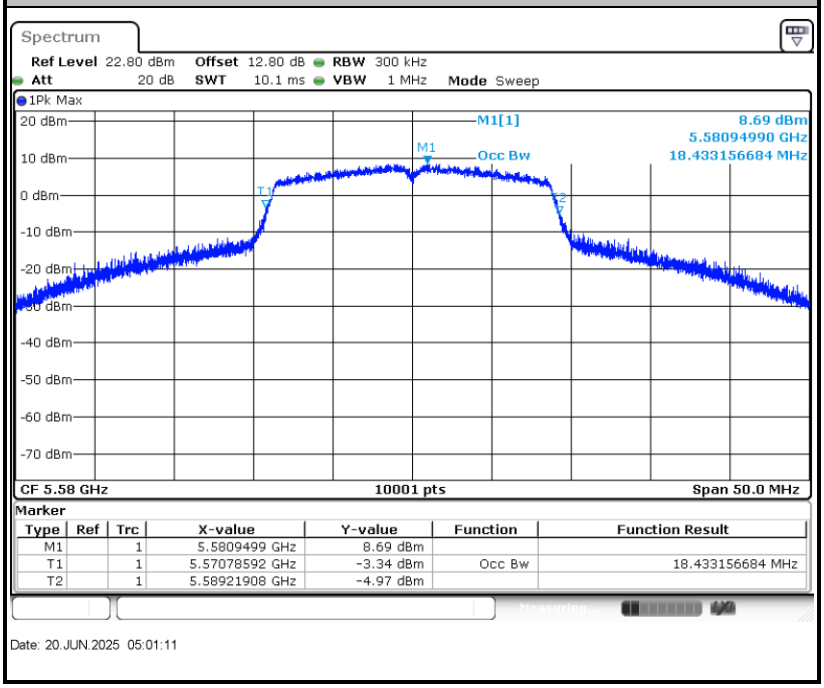
Maximum 26dB Bandwidth for 40M BW



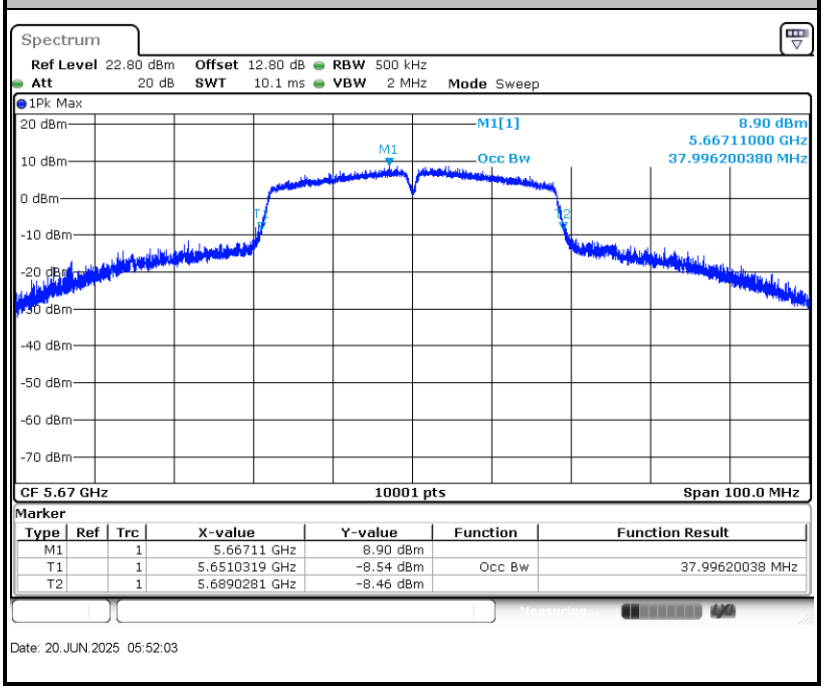
Maximum 26dB Bandwidth for 80M BW



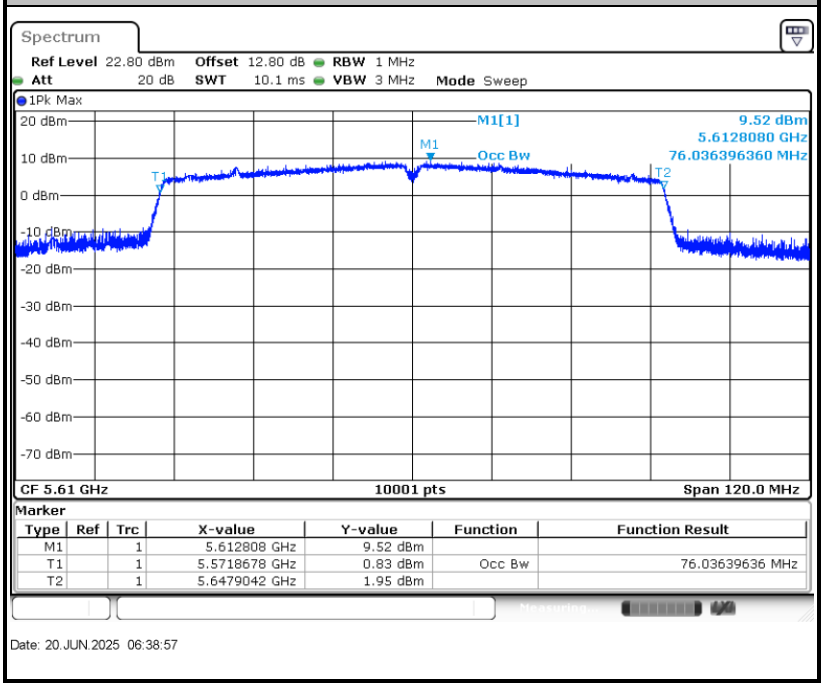
Maximum 99% Occupied Bandwidth for 20M BW



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.

3.2 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.

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.

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3.2.2 Measuring Instruments

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

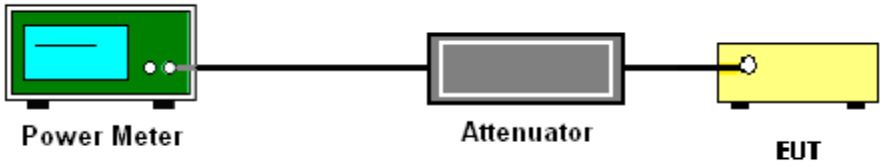
3.2.3 Test Procedures

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.

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.

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 v01r04.
Section F) Maximum power spectral density.

For devices operating in the bands UNII-1/2A/2C

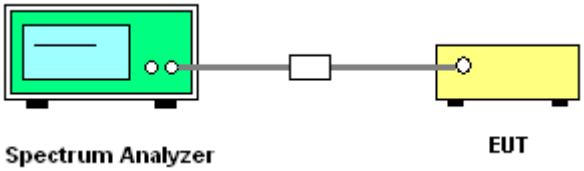
 # Method SA-2 #

(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

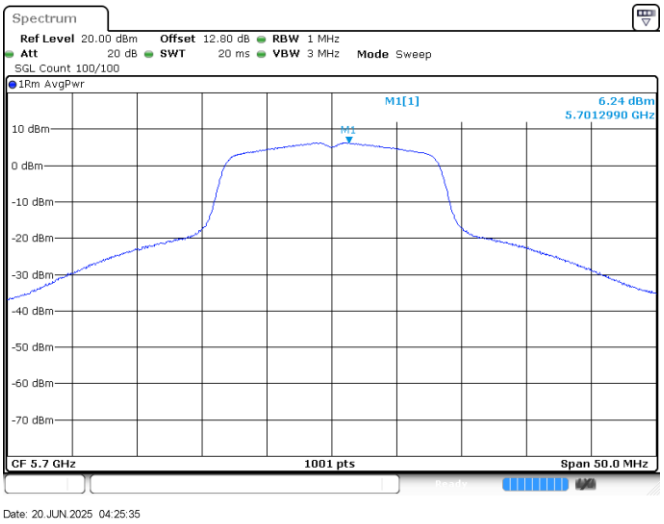


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

For devices operating in the bands UNII-1/2A/2C

Worst Case Power Density (dBm/MHz)



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

3.4 Unwanted Emissions Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part15.205.

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

EIRP (dBm)	Field Strength at 3m (dBµV/m)
- 27	68.2

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 v01r04. 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

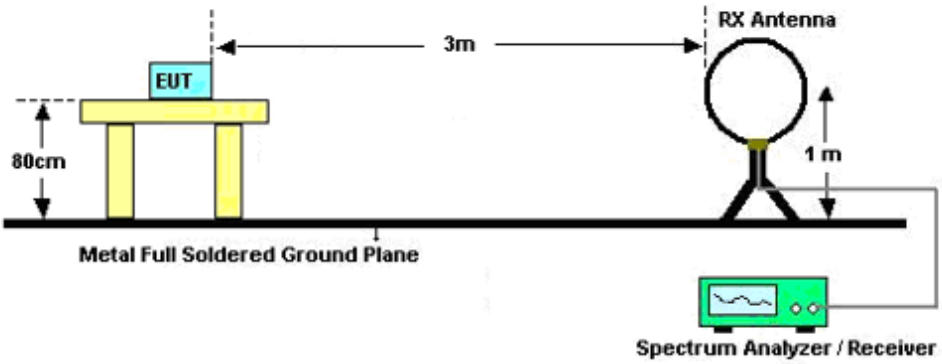
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the

antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.

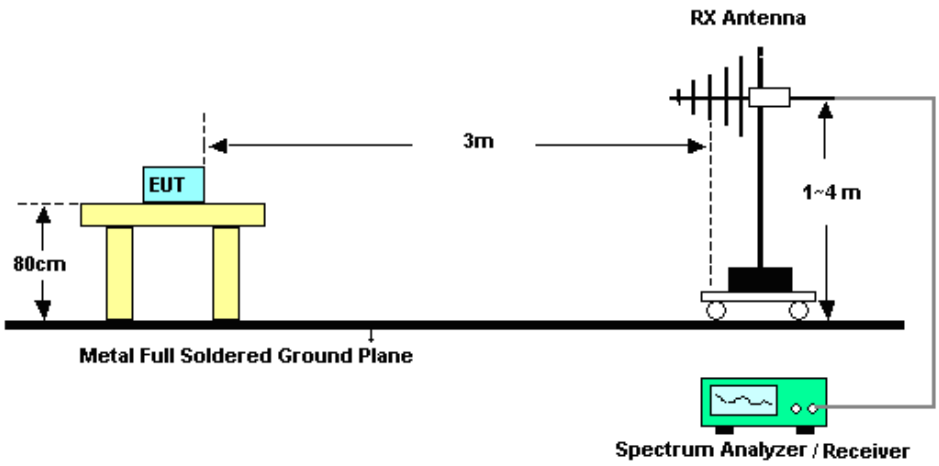
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

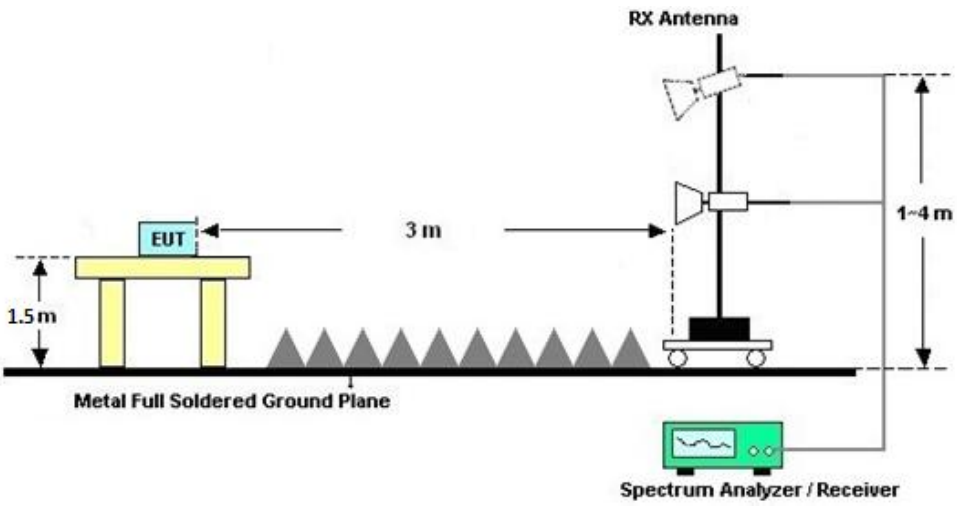
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and 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.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

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.

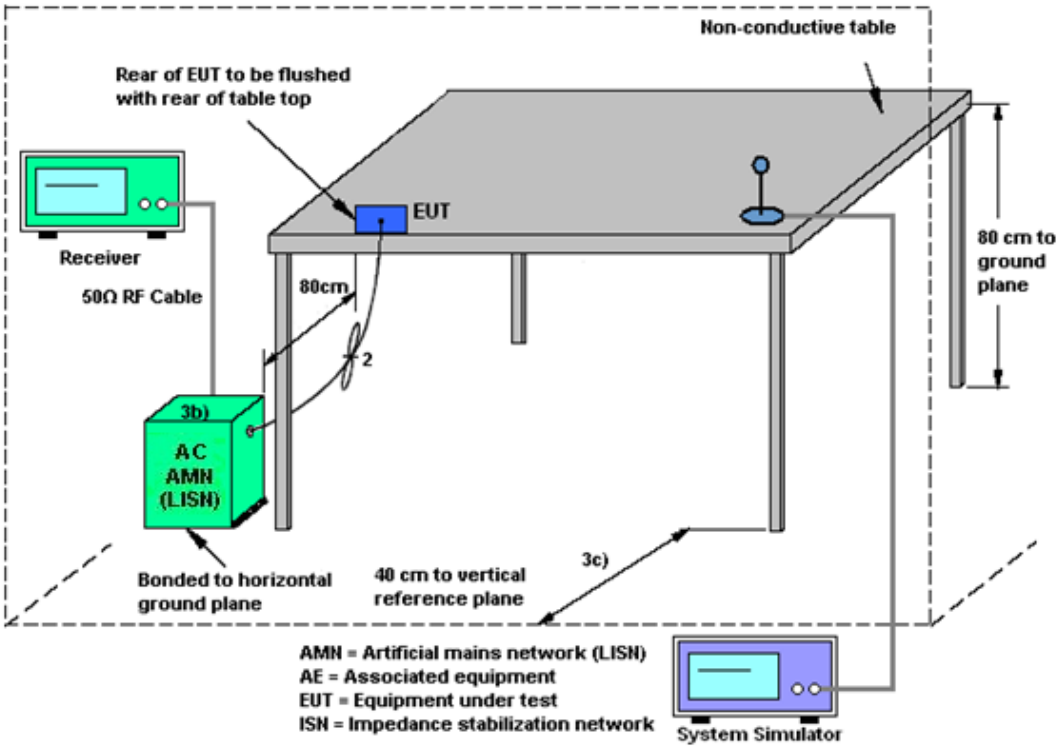
3.5.2 Measuring Instruments

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

According to FCC 47 CFR Section 15.407(a)(1)(2) ,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
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 14, 2024	Jun. 21, 2025~ Jun. 28, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Jun. 21, 2025~ Jun. 28, 2025	Jul. 02, 2025	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Jun. 21, 2025~ Jun. 28, 2025	Dec. 27, 2025	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	May. 09, 2025	Jun. 21, 2025~ Jun. 28, 2025	May. 08, 2026	Radiation (03CH04-SZ)
Double Ridge Guide Antenna	ETS-Lindgren	Burgeon-3117	00240057	1GHz~18GHz	Jul. 03, 2024	Jun. 21, 2025~ Jun. 28, 2025	Jul. 02, 2025	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 04, 2024	Jun. 21, 2025~ Jun. 28, 2025	Jul. 03, 2025	Radiation (03CH04-SZ)
LF Amplifier	EM Electronics	EM330	060773	20MHz-3GHz	Apr. 02, 2025	Jun. 21, 2025~ Jun. 28, 2025	Apr. 01, 2026	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Jun. 21, 2025~ Jun. 28, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Jun. 21, 2025~ Jun. 28, 2025	Jul. 02, 2025	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY57280136	500MHz~26.5GHz	Jul. 03, 2024	Jun. 21, 2025~ Jun. 28, 2025	Jul. 02, 2025	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F119050019	N/A	Oct. 14, 2024	Jun. 21, 2025~ Jun. 28, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jun. 21, 2025~ Jun. 28, 2025	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jun. 21, 2025~ Jun. 28, 2025	NCR	Radiation (03CH04-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 03, 2024	Jun. 21, 2025	Jul. 02, 2025	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2024	Jun. 21, 2025	Jul. 02, 2025	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Dec.25, 2024	Jun. 21, 2025	Dec. 24, 2025	Conduction (CO02-SZ)
Thermo meter	Anymetre	JR593	#14	- 10℃ ~ 50℃ 10%RH~99%RH	Jul. 05, 2024	Jun. 21, 2025	Jul. 04, 2025	Conduction (CO02-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jun. 20, 2025~ Jun. 23, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 25, 2024	Jun. 20, 2025~ Jun. 23, 2025	Dec. 24, 2025	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct. 14, 2024	Jun. 20, 2025~ Jun. 23, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct. 14,2024	Jun. 20, 2025~ Jun. 23, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Jun. 20, 2025~ Jun. 23, 2025	Jul. 02, 2025	Conducted (TH01-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

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 Spurious Emission & Bandedge	±1.34 dB
Occupied Channel Bandwidth	±0.012 MHz
Conducted Power	±1.34 dB
Conducted Power Spectral Density	±1.32 dB
Frequency	±1.3 Hz

Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.5 dB

Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

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

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

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

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.8 dB

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

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

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

Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Heqingsheng	Temperature:	21~25	°C
Test Date:	2025/6/20~2025/6/23	Relative Humidity:	51~54	%

Report Number : FR551908E

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	Power Setting
11a	6Mbps	1	36	5180	0.15	16.21	24.00	-2.39		Pass	16.5
11a	6Mbps	1	44	5220	0.15	16.20	24.00	-2.39		Pass	16.5
11a	6Mbps	1	48	5240	0.15	16.18	24.00	-2.39		Pass	16.5
VHT20	MCS0	1	36	5180	0.16	15.76	24.00	-2.39		Pass	16
VHT20	MCS0	1	44	5220	0.16	16.12	24.00	-2.39		Pass	16.5
VHT20	MCS0	1	48	5240	0.16	16.19	24.00	-2.39		Pass	16.5
VHT40	MCS0	1	38	5190	0.40	13.06	24.00	-2.39		Pass	13
VHT40	MCS0	1	46	5230	0.40	17.07	24.00	-2.39		Pass	17
VHT80	MCS0	1	42	5210	0.44	10.52	24.00	-2.39		Pass	11

Report Number : FR551908E

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	Power Setting
11a	6M bps	1	52	5260	0.15	16.22	23.98	-1.58	26.99	Pass	16.5
11a	6M bps	1	60	5300	0.15	16.24	23.98	-1.58	26.99	Pass	16.5
11a	6M bps	1	64	5320	0.15	14.03	23.98	-1.58	26.99	Pass	14.5
VHT20	MCS 0	1	52	5260	0.16	16.16	23.98	-1.58	26.99	Pass	16.5
VHT20	MCS 0	1	60	5300	0.16	16.24	23.98	-1.58	26.99	Pass	16.5
VHT20	MCS 0	1	64	5320	0.16	14.66	23.98	-1.58	26.99	Pass	15
VHT40	MCS 0	1	54	5270	0.40	16.50	23.98	-1.58	26.99	Pass	16.5
VHT40	MCS 0	1	62	5310	0.40	12.46	23.98	-1.58	26.99	Pass	12.5
VHT80	MCS 0	1	58	5290	0.44	9.54	23.98	-1.58	26.99	Pass	10

Report Number : FR551908E

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	Power Setting
11a	6M bps	1	100	5500	0.15	12.27	23.98	-1.25	26.99	Pass	13
11a	6M bps	1	116	5580	0.15	9.34	23.98	-1.25	26.99	Pass	10
11a	6M bps	1	140	5700	0.15	9.47	23.98	-1.25	26.99	Pass	11.5
VHT20	MCS 0	1	100	5500	0.16	12.03	23.98	-1.25	26.99	Pass	13
VHT20	MCS 0	1	116	5580	0.16	9.39	23.98	-1.25	26.99	Pass	10
VHT20	MCS 0	1	140	5700	0.16	9.01	23.98	-1.25	26.99	Pass	11
VHT40	MCS 0	1	102	5510	0.40	11.50	23.98	-1.25	26.99	Pass	12
VHT40	MCS 0	1	110	5550	0.40	17.09	23.98	-1.25	26.99	Pass	17.5
VHT40	MCS 0	1	134	5670	0.40	10.61	23.98	-1.25	26.99	Pass	12.5
VHT80	MCS 0	1	106	5530	0.44	9.64	23.98	-1.25	26.99	Pass	10.5
VHT80	MCS 0	1	122	5610	0.44	10.56	23.98	-1.25	26.99	Pass	11.5

Report Number : FR551908E

TEST RESULTS DATA
26dB and 99% OBW

<U-NII-1>								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)		
11a	6Mbps	1	36	5180	16.87	24.78		
11a	6Mbps	1	44	5220	16.88	27.42		
11a	6Mbps	1	48	5240	16.84	29.10		
VHT20	MCS0	1	36	5180	17.89	26.64		
VHT20	MCS0	1	44	5220	17.93	28.56		
VHT20	MCS0	1	48	5240	17.91	28.26		
VHT40	MCS0	1	38	5190	36.55	70.28		
VHT40	MCS0	1	46	5230	36.83	76.52		
VHT80	MCS0	1	42	5210	75.77	151.85		

Report Number : FR551908E

TEST RESULTS DATA
26dB and 99% OBW

<U-NII-2A>								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	52	5260	16.84	27.84	23.98	
11a	6M bps	1	60	5300	16.86	27.78	23.98	
11a	6M bps	1	64	5320	16.90	25.50	23.98	
VHT20	MCS 0	1	52	5260	17.95	29.76	23.98	
VHT20	MCS 0	1	60	5300	17.96	29.70	23.98	
VHT20	MCS 0	1	64	5320	17.97	29.58	23.98	
VHT40	MCS 0	1	54	5270	36.70	73.88	23.98	
VHT40	MCS 0	1	62	5310	36.50	65.97	23.98	
VHT80	MCS 0	1	58	5290	75.76	138.10	23.98	

TEST RESULTS DATA
26dB and 99% OBW

<U-NII-2C>								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	100	5500	17.62	38.80	23.98	
11a	6M bps	1	116	5580	17.45	37.54	23.98	
11a	6M bps	1	140	5700	17.61	38.62	23.98	
VHT20	MCS 0	1	100	5500	18.31	39.76	23.98	
VHT20	MCS 0	1	116	5580	18.43	42.88	23.98	
VHT20	MCS 0	1	140	5700	18.41	40.18	23.98	
VHT40	MCS 0	1	102	5510	37.75	85.39	23.98	
VHT40	MCS 0	1	110	5550	37.04	84.68	23.98	
VHT40	MCS 0	1	134	5670	38.00	85.63	23.98	
VHT80	MCS 0	1	106	5530	75.96	162.63	23.98	
VHT80	MCS 0	1	122	5610	76.04	166.23	23.98	

Report Number : FR551908E

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	0.15	5.27	11.00	-2.39		Pass
11a	6Mbps	1	44	5220	0.15	5.17	11.00	-2.39		Pass
11a	6Mbps	1	48	5240	0.15	5.26	11.00	-2.39		Pass
VHT20	MCS0	1	36	5180	0.16	4.73	11.00	-2.39		Pass
VHT20	MCS0	1	44	5220	0.16	5.14	11.00	-2.39		Pass
VHT20	MCS0	1	48	5240	0.16	5.20	11.00	-2.39		Pass
VHT40	MCS0	1	38	5190	0.40	2.73	11.00	-2.39		Pass
VHT40	MCS0	1	46	5230	0.40	3.15	11.00	-2.39		Pass
VHT80	MCS0	1	42	5210	0.44	-0.01	11.00	-2.39		Pass

TEST RESULTS DATA
Power Spectral Density

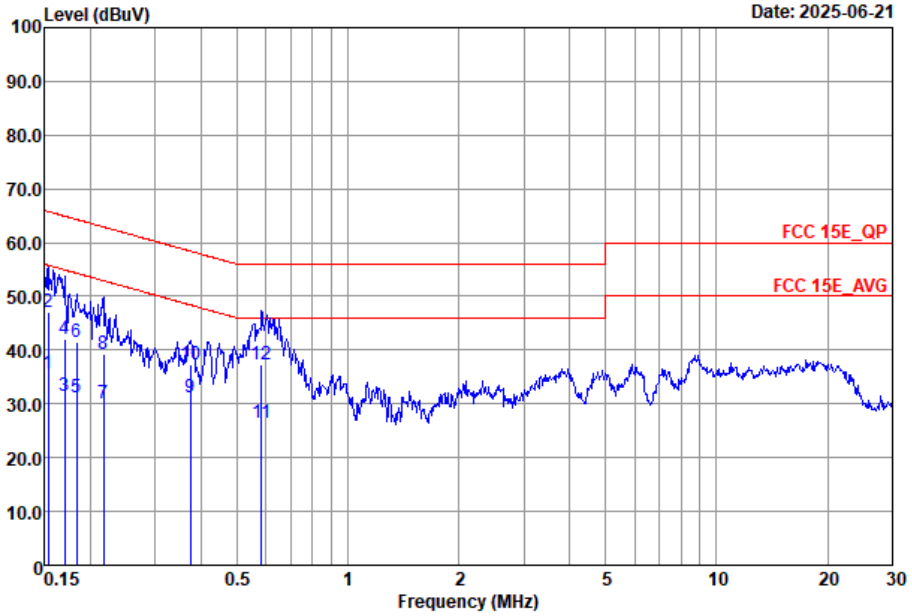
<U-NII-2A>										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	52	5260	0.15	5.30	11.00	-1.58		Pass
11a	6M bps	1	60	5300	0.15	5.12	11.00	-1.58		Pass
11a	6M bps	1	64	5320	0.15	4.87	11.00	-1.58		Pass
VHT20	MCS 0	1	52	5260	0.16	5.26	11.00	-1.58		Pass
VHT20	MCS 0	1	60	5300	0.16	5.07	11.00	-1.58		Pass
VHT20	MCS 0	1	64	5320	0.16	4.86	11.00	-1.58		Pass
VHT40	MCS 0	1	54	5270	0.40	3.13	11.00	-1.58		Pass
VHT40	MCS 0	1	62	5310	0.40	2.24	11.00	-1.58		Pass
VHT80	MCS 0	1	58	5290	0.44	-0.25	11.00	-1.58		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	0.15	6.03	11.00	-1.25		Pass
11a	6M bps	1	116	5580	0.15	5.91	11.00	-1.25		Pass
11a	6M bps	1	140	5700	0.15	6.39	11.00	-1.25		Pass
VHT20	MCS 0	1	100	5500	0.16	5.67	11.00	-1.25		Pass
VHT20	MCS 0	1	116	5580	0.16	5.67	11.00	-1.25		Pass
VHT20	MCS 0	1	140	5700	0.16	6.32	11.00	-1.25		Pass
VHT40	MCS 0	1	102	5510	0.40	3.22	11.00	-1.25		Pass
VHT40	MCS 0	1	110	5550	0.40	2.65	11.00	-1.25		Pass
VHT40	MCS 0	1	134	5670	0.40	3.98	11.00	-1.25		Pass
VHT80	MCS 0	1	106	5530	0.44	-0.03	11.00	-1.25		Pass
VHT80	MCS 0	1	122	5610	0.44	0.22	11.00	-1.25		Pass

Appendix B. AC Conducted Emission Test Results

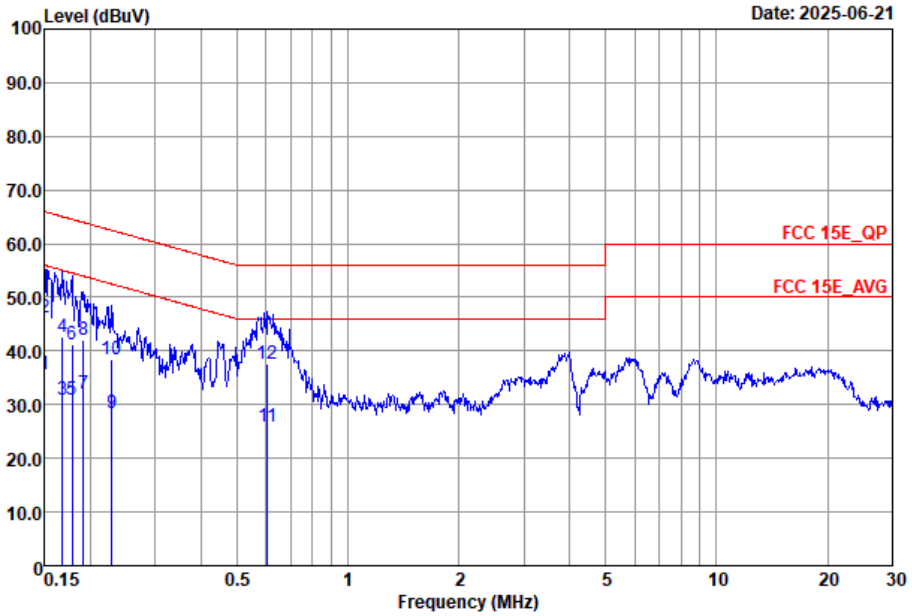
Test Engineer :	Nathon	**Temperature :**	22~24℃
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO02-SZ
Condition : FCC 15E_QP LISN_2025-L LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	35.75	-20.03	55.78	15.90	9.66	10.19	Average
2 *	0.15	47.15	-18.63	65.78	27.30	9.66	10.19	QP
3	0.17	31.57	-23.37	54.94	11.71	9.68	10.18	Average
4	0.17	41.97	-22.97	64.94	22.11	9.68	10.18	QP
5	0.18	31.28	-23.05	54.33	11.41	9.69	10.18	Average
6	0.18	41.58	-22.75	64.33	21.71	9.69	10.18	QP
7	0.22	30.20	-22.72	52.92	10.30	9.71	10.19	Average
8	0.22	39.40	-23.52	62.92	19.50	9.71	10.19	QP
9	0.37	31.24	-17.19	48.43	11.30	9.72	10.22	Average
10	0.37	37.24	-21.19	58.43	17.30	9.72	10.22	QP
11	0.58	26.60	-19.40	46.00	6.70	9.66	10.24	Average
12	0.58	37.30	-18.70	56.00	17.40	9.66	10.24	QP

Test Engineer :	Nathon	**Temperature :**	22~24℃
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO02-SZ
Condition : FCC 15E_QP LISN_2025-N NEUTRAL

	Freq MHz	Level dBuV	Over Limit dB	Limit Line dBuV	Read Level dBuV	LISN Factor dB	Cable Loss dB	Remark
1	0.15	35.54	-20.46	56.00	15.80	9.55	10.19	Average
2	0.15	46.34	-19.66	66.00	26.60	9.55	10.19	QP
3	0.17	30.92	-24.11	55.03	11.00	9.74	10.18	Average
4	0.17	42.72	-22.31	65.03	22.80	9.74	10.18	QP
5	0.18	30.97	-23.58	54.55	11.01	9.78	10.18	Average
6	0.18	41.17	-23.38	64.55	21.21	9.78	10.18	QP
7	0.19	31.91	-22.07	53.98	11.90	9.83	10.18	Average
8	0.19	42.11	-21.87	63.98	22.10	9.83	10.18	QP
9	0.23	28.44	-24.04	52.48	8.60	9.65	10.19	Average
10	0.23	38.34	-24.14	62.48	18.50	9.65	10.19	QP
11	0.60	25.78	-20.22	46.00	5.90	9.64	10.24	Average
12 *	0.60	37.68	-18.32	56.00	17.80	9.64	10.24	QP

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix C Radiated Spurious Emission Test Data

Test Engineer :	Wenbo Xiao	Relative Humidity :	48~49%
		Temperature :	24℃~25℃

Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	9	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	9	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	9	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-2A	5.25-5.35	9	802.11a	52	5280	6Mbps	-	-
Mode 5	U-NII-2A	5.25-5.35	9	802.11a	60	5300	6Mbps	-	-
Mode 6	U-NII-2A	5.25-5.35	9	802.11a	64	5320	6Mbps	-	-
Mode 7	U-NII-2C	5.47-5.725	9	802.11a	100	5500	6Mbps	-	-
Mode 8	U-NII-2C	5.47-5.725	9	802.11a	116	5580	6Mbps	-	-
Mode 9	U-NII-2C	5.47-5.725	9	802.11a	140	5700	6Mbps	-	-
Mode 10	U-NII-1	5.15-5.25	9	802.11ac VHT20	36	5180	MCS0	-	-
Mode 11	U-NII-1	5.15-5.25	9	802.11ac VHT20	44	5220	MCS0	-	-
Mode 12	U-NII-1	5.15-5.25	9	802.11ac VHT20	48	5240	MCS0	-	-
Mode 13	U-NII-2A	5.25-5.35	9	802.11ac VHT20	52	5280	MCS0	-	-
Mode 14	U-NII-2A	5.25-5.35	9	802.11ac VHT20	60	5300	MCS0	-	-
Mode 15	U-NII-2A	5.25-5.35	9	802.11ac VHT20	64	5320	MCS0	-	-
Mode 16	U-NII-2C	5.47-5.725	9	802.11ac VHT20	100	5500	MCS0	-	-
Mode 17	U-NII-2C	5.47-5.725	9	802.11ac VHT20	116	5580	MCS0	-	-
Mode 18	U-NII-2C	5.47-5.725	9	802.11ac VHT20	140	5700	MCS0	-	-
Mode 19	U-NII-1	5.15-5.25	9	802.11ac VHT40	38	5190	MCS0	-	-
Mode 20	U-NII-1	5.15-5.25	9	802.11ac VHT40	46	5230	MCS0	-	-
Mode 21	U-NII-2A	5.25-5.35	9	802.11ac VHT40	54	5270	MCS0	-	-
Mode 22	U-NII-2A	5.25-5.35	9	802.11ac VHT40	62	5310	MCS0	-	-
Mode 23	U-NII-2C	5.47-5.725	9	802.11ac VHT40	102	5510	MCS0	-	-
Mode 24	U-NII-2C	5.47-5.725	9	802.11ac VHT40	134	5670	MCS0	-	-
Mode 25	U-NII-1	5.15-5.25	9	802.11ac VHT80	42	5210	MCS0	-	-
Mode 26	U-NII-2A	5.25-5.35	9	802.11ac VHT80	58	5290	MCS0	-	-
Mode 27	U-NII-2C	5.47-5.725	9	802.11ac VHT80	106	5530	MCS0	-	-
Mode 28	U-NII-2C	5.47-5.725	9	802.11ac VHT80	122	5610	MCS0	-	-
Mode 29	U-NII-1	5.15-5.25	9	802.11a-LF	36	5180	6Mbps	-	LF

Co-location

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 30	CO-TX		9	802.11a	36	5180	6Mbps	-	-
			0	LTE B13 Link					
Mode 31	CO-TX		9	802.11a	36	5180	6Mbps	-	-
			0	LTE B13 Link					
			6	BLE	CH1	2404	2M		

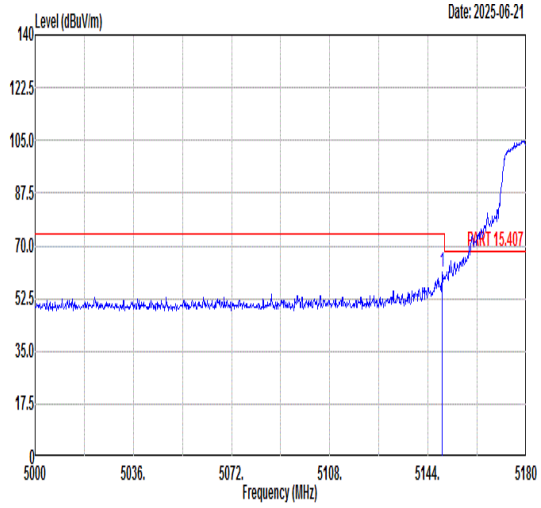
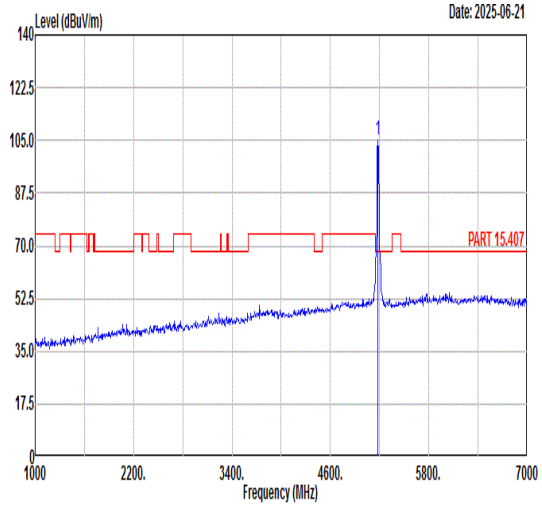
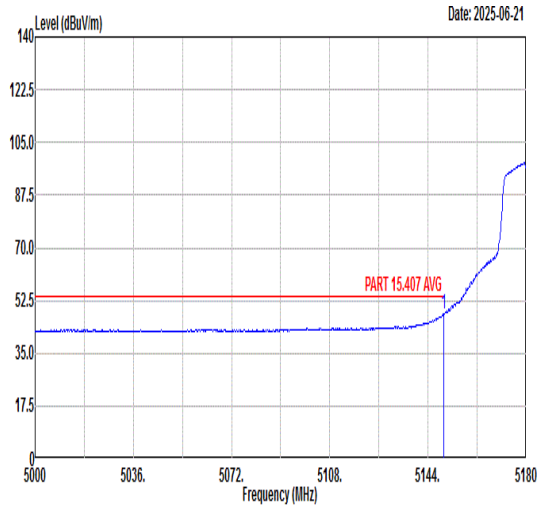
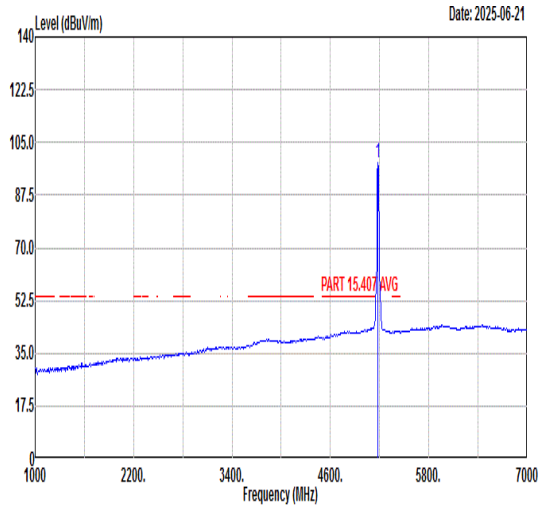
Summary of each worse mode

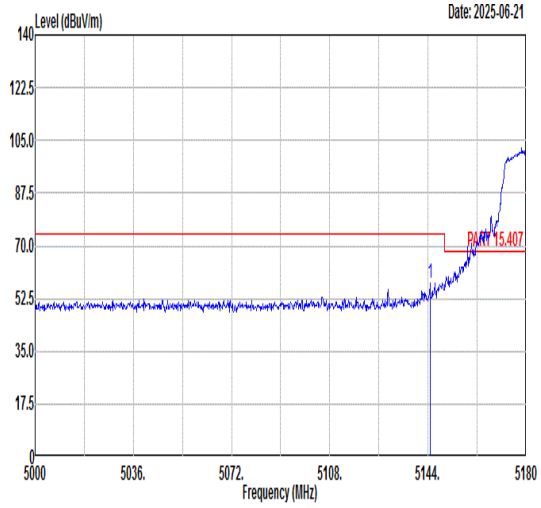
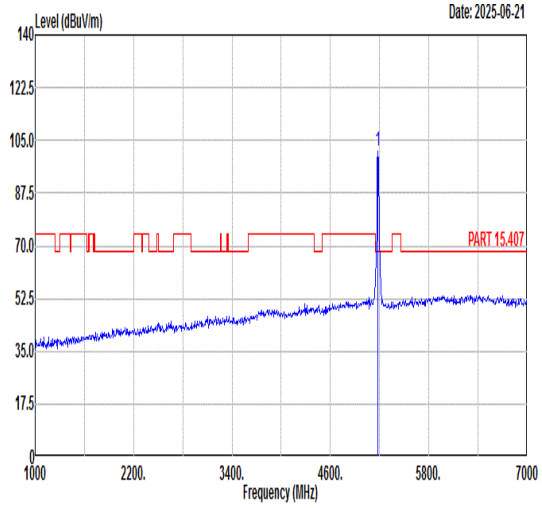
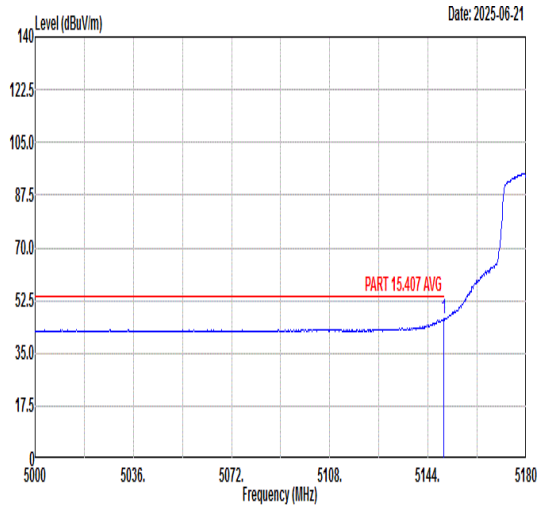
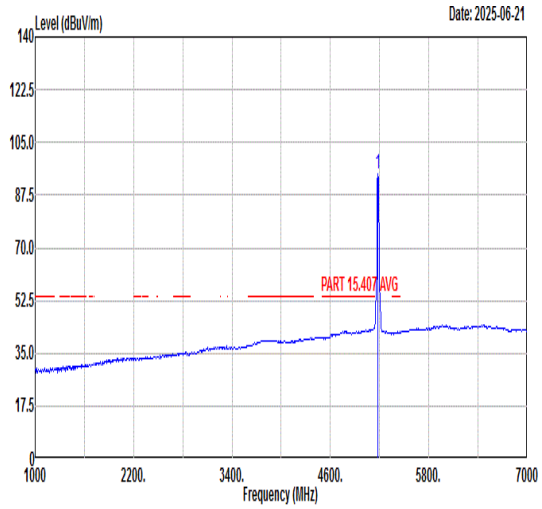
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.76	48.10	54.00	-5.90	H	AVERAGE	Pass	Band Edge
1	802.11a	36	8288.00	49.53	54.00	-4.47	V	Average	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
2	802.11a	44	8351.50	47.53	54.00	-6.47	H	Average	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
3	802.11a	48	8384.00	47.13	54.00	-6.87	H	Average	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
4	802.11a	52	8420.50	47.61	54.00	-6.39	H	Average	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
5	802.11a	60	8480.00	44.17	54.00	-9.83	V	Peak	Pass	Harmonic
6	802.11a	64	5350.10	48.16	54.00	-5.84	H	AVERAGE	Pass	Band Edge
6	802.11a	64	8512.00	47.05	68.30	-21.25	H	Peak	Pass	Harmonic
7	802.11a	100	5469.25	62.37	68.30	-5.93	H	PEAK	Pass	Band Edge
7	802.11a	100	11000.00	47.88	54.00	-6.12	H	Average	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
8	802.11a	116	11160.00	47.86	54.00	-6.14	H	Average	Pass	Harmonic
9	802.11a	140	5730.03	62.85	68.30	-5.45	H	PEAK	Pass	Band Edge
9	802.11a	140	11400.00	47.76	54.00	-6.24	H	Average	Pass	Harmonic
10	802.11ac VHT20	36	5149.94	47.78	54.00	-6.22	H	AVERAGE	Pass	Band Edge
10	802.11ac VHT20	36	8288.00	48.72	54.00	-5.28	H	Average	Pass	Harmonic
11	802.11ac VHT20	44	-	-	-	-	-	-	-	Band Edge
11	802.11ac VHT20	44	8352.00	48.75	54.00	-5.25	H	Average	Pass	Harmonic
12	802.11ac VHT20	48	-	-	-	-	-	-	-	Band Edge
12	802.11ac VHT20	48	8384.00	46.44	54.00	-7.56	H	AVERAGE	Pass	Harmonic
13	802.11ac VHT20	52	-	-	-	-	-	-	-	Band Edge
13	802.11ac VHT20	52	8416.00	45.54	54.00	-8.46	H	AVERAGE	Pass	Harmonic
14	802.11ac VHT20	60	-	-	-	-	-	-	-	Band Edge
14	802.11ac VHT20	60	8480.00	44.04	54.00	-9.96	H	AVERAGE	Pass	Harmonic
15	802.11ac VHT20	64	5350.52	47.69	54.00	-6.31	H	AVERAGE	Pass	Band Edge
15	802.11ac VHT20	64	8512.00	46.94	68.30	-18.62	H	Peak	Pass	Harmonic
16	802.11ac VHT20	100	5469.10	62.27	68.30	-6.03	H	PEAK	Pass	Band Edge
16	802.11ac VHT20	100	11000.00	47.83	54.00	-6.17	H	Average	Pass	Harmonic
17	802.11ac VHT20	116	-	-	-	-	-	-	-	Band Edge
17	802.11ac VHT20	116	11160.00	47.62	54.00	-6.38	H	Average	Pass	Harmonic
18	802.11ac VHT20	140	5728.28	61.75	68.30	-6.55	H	PEAK	Pass	Band Edge
18	802.11ac VHT20	140	11400.00	47.45	54.00	-6.55	H	Average	Pass	Harmonic
19	802.11ac VHT40	38	5149.53	48.63	54.00	-5.37	H	AVERAGE	Pass	Band Edge
19	802.11ac VHT40	38	-	-	-	-	-	-	-	Harmonic
20	802.11ac VHT40	46	5148.81	45.59	54.00	-8.41	H	AVERAGE	Pass	Band Edge
20	802.11ac VHT40	46	-	-	-	-	-	-	-	Harmonic
21	802.11ac VHT40	54	5353.22	47.69	54.00	-6.31	H	AVERAGE	Pass	Band Edge
21	802.11ac VHT40	54	-	-	-	-	-	-	-	Harmonic
22	802.11ac VHT40	62	5352.30	48.11	54.00	-5.89	H	AVERAGE	Pass	Band Edge
22	802.11ac VHT40	62	-	-	-	-	-	-	-	Harmonic

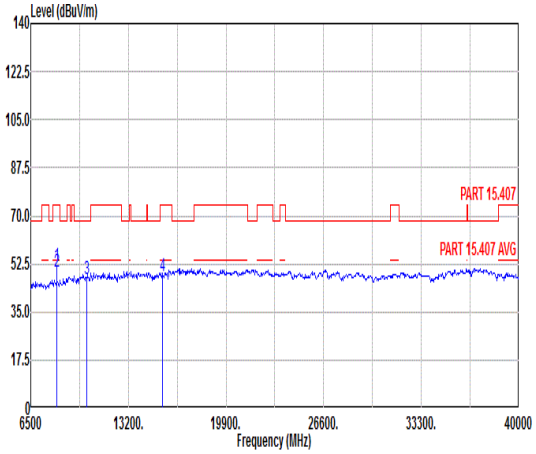
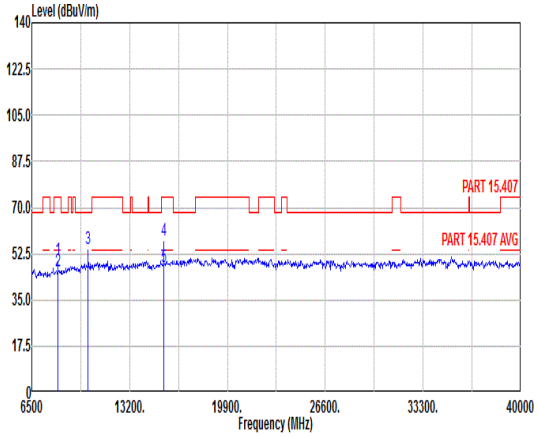
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
23	802.11ac VHT40	102	5469.36	62.10	68.30	-6.20	H	PEAK	Pass	Band Edge
23	802.11ac VHT40	102	-	-	-	-	-	-	-	Harmonic
24	802.11ac VHT40	134	5726.91	62.02	68.30	-6.28	H	PEAK	Pass	Band Edge
24	802.11ac VHT40	134	11340.00	47.86	54.00	-6.14	H	Average	Pass	Harmonic
25	802.11ac VHT80	42	5144.69	48.20	54.00	-5.80	H	AVERAGE	Pass	Band Edge
25	802.11ac VHT80	42	-	-	-	-	-	-	-	Harmonic
26	802.11ac VHT80	58	5350.18	48.21	54.00	-5.79	H	AVERAGE	Pass	Band Edge
26	802.11ac VHT80	58	-	-	-	-	-	-	-	Harmonic
27	802.11ac VHT80	106	5459.80	47.80	54.00	-6.20	H	AVERAGE	Pass	Band Edge
27	802.11ac VHT80	106	-	-	-	-	-	-	-	Harmonic
28	802.11ac VHT80	122	5458.42	48.41	54.00	-5.59	H	AVERAGE	Pass	Band Edge
28	802.11ac VHT80	122	11220.00	47.62	54.00	-6.38	H	Average	Pass	Harmonic
29	802.11a-LF	36	30.00	28.28	40.00	-11.72	V	PEAK	Pass	LF

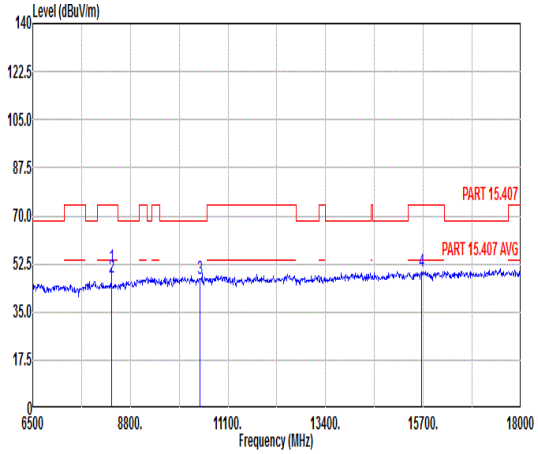
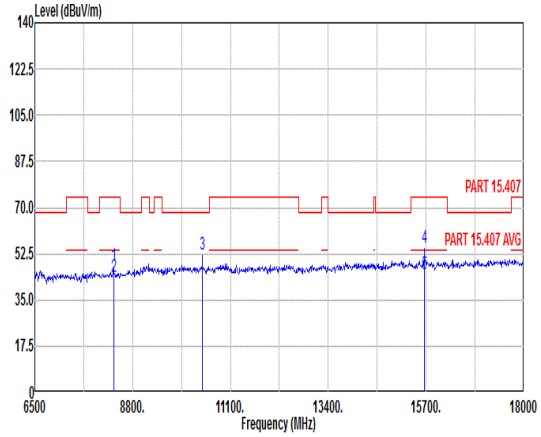
Co-location

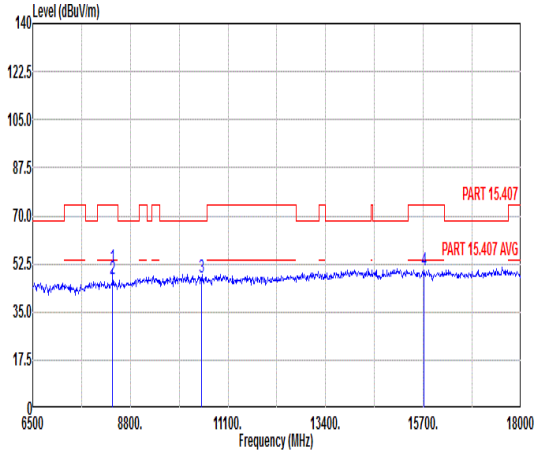
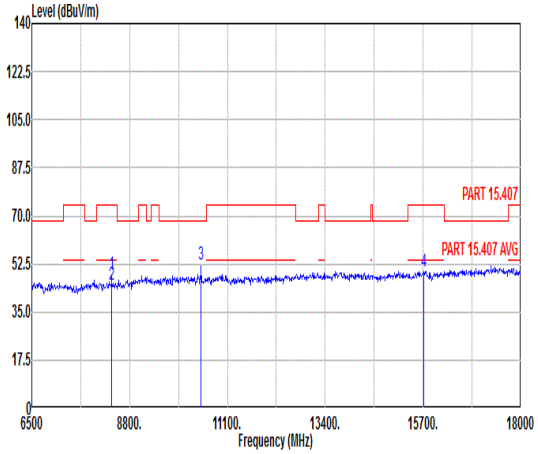
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
30	CO_TX		5149.76	45.83	54.00	-8.17	H	Average	Pass	Band Edge
30			8288.00	49.44	54.00	-4.56	H	Average	Pass	Harmonic
31	CO_TX		5150.00	47.32	54.00	-6.68	H	Average	Pass	Band Edge
31			8288.00	49.34	54.00	-4.66	H	Average	Pass	Harmonic

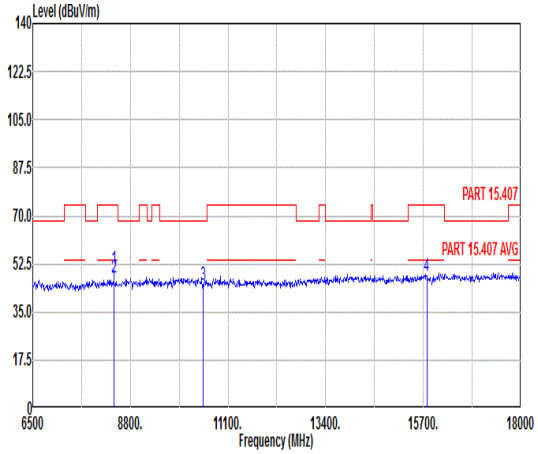
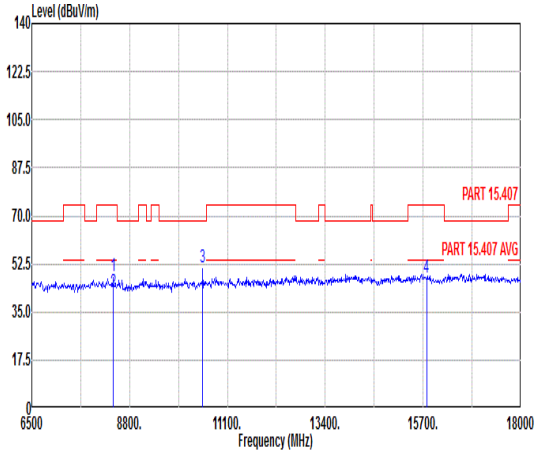
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.22 61.04 74.00 -12.96 49.40 36.58 8.53 33.47 101 300 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 104.91 ------ ------ 93.23 36.56 8.58 33.46 101 300 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 48.10 54.00 -5.90 36.45 36.58 8.54 33.47 101 300 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 98.24 ------ ------ 86.56 36.55 8.59 33.46 101 300 AVERAGE

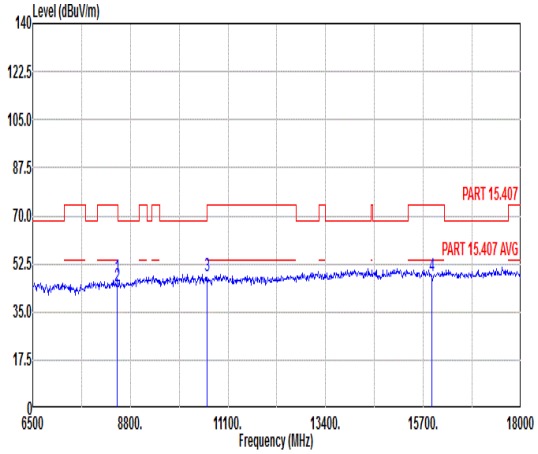
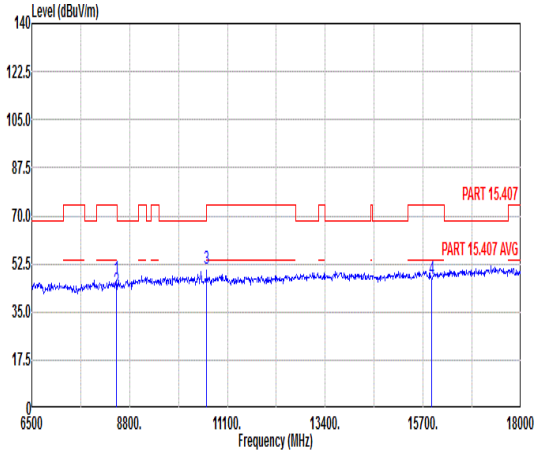
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5144.72 57.79 74.00 -16.21 46.15 36.58 8.53 33.47 330 258 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 101.61 ------ ------ 89.93 36.55 8.59 33.46 330 258 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 46.27 54.00 -7.73 34.62 36.58 8.54 33.47 330 258 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 94.80 ------ ------ 83.12 36.55 8.59 33.46 330 258 AVERAGE

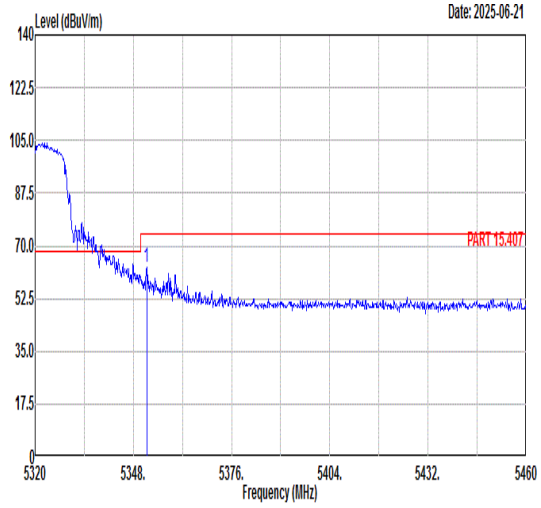
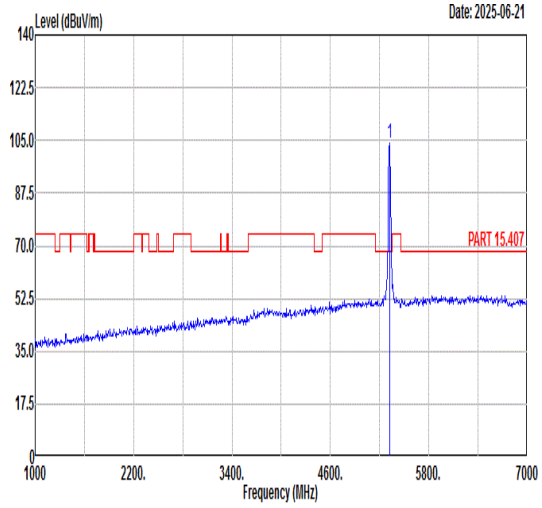
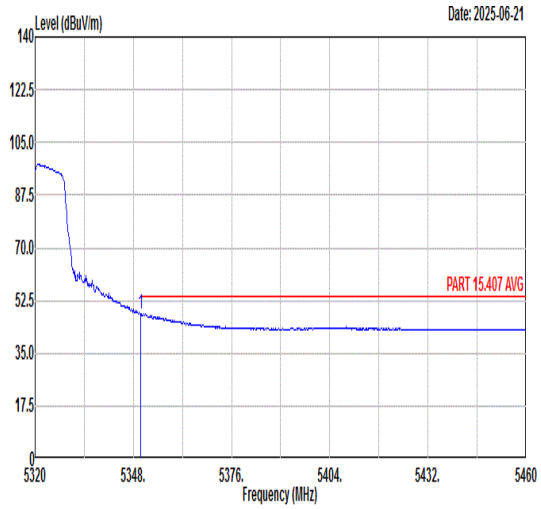
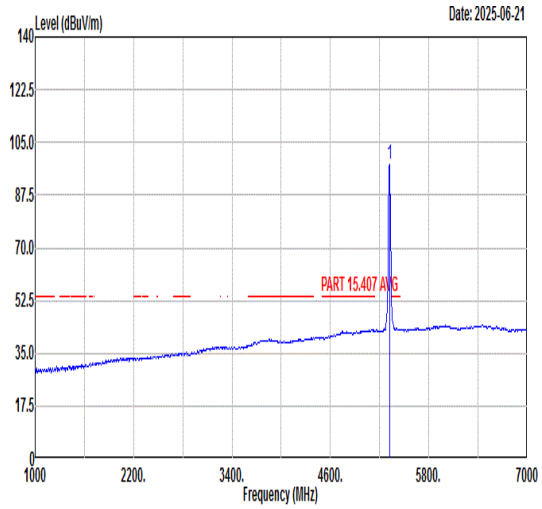
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8288.00 52.00 74.00 -22.00 69.40 36.46 10.71 64.57 100 283 Peak 2 8288.00 49.53 54.00 -4.47 66.93 36.46 10.71 64.57 100 283 Average 3 10360.00 46.92 68.30 -21.38 60.58 38.04 12.06 63.76 --- --- Peak 4 15540.00 48.05 74.00 -25.95 56.94 40.91 14.58 64.38 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8288.00 50.13 74.00 -23.87 67.53 36.46 10.71 64.57 302 257 Peak 2 8288.00 45.89 54.00 -8.11 63.29 36.46 10.71 64.57 302 257 Average 3 10360.00 54.53 68.30 -13.77 68.19 38.04 12.06 63.76 100 39 Peak 4 15540.00 57.44 74.00 -16.56 66.33 40.91 14.58 64.38 100 45 Peak 5 15540.00 47.46 54.00 -6.54 56.35 40.91 14.58 64.38 100 45 Average

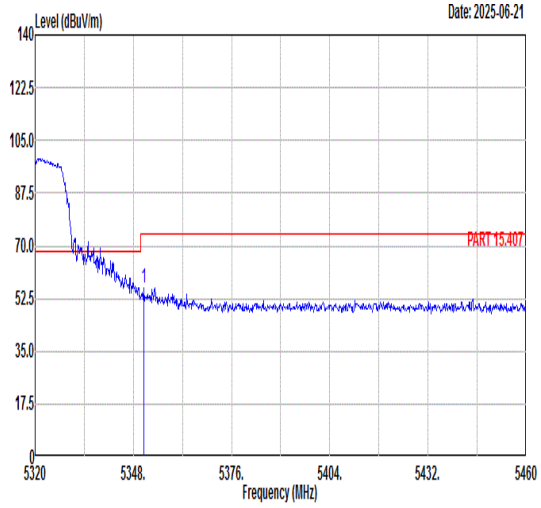
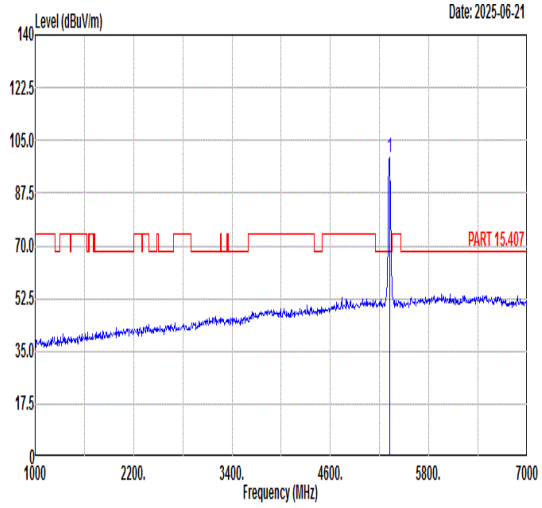
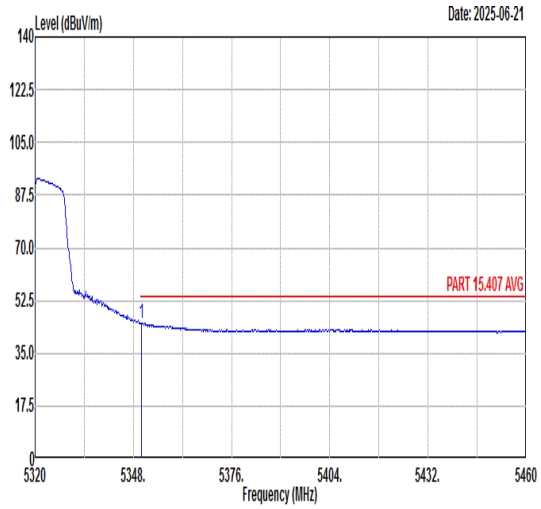
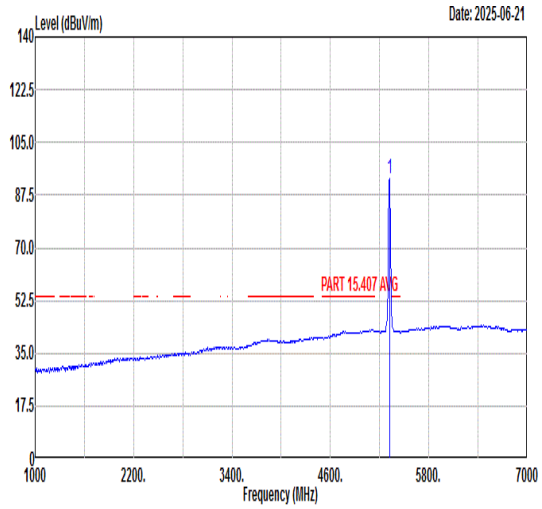
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8351.50 51.23 74.00 -22.77 68.54 36.47 10.74 64.52 100 287 Peak 2 8351.50 47.53 54.00 -6.47 64.84 36.47 10.74 64.52 100 287 Average 3 10440.00 46.92 68.30 -21.38 60.44 38.08 12.12 63.72 --- --- Peak 4 15660.00 49.88 74.00 -24.12 58.65 41.05 14.64 64.46 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8351.50 47.92 74.00 -26.08 65.23 36.47 10.74 64.52 319 261 Peak 2 8351.50 43.94 54.00 -10.06 61.25 36.47 10.74 64.52 319 261 Average 3 10440.00 52.10 68.30 -16.20 65.62 38.08 12.12 63.72 100 40 Peak 4 15660.00 55.15 74.00 -18.85 63.92 41.05 14.64 64.46 100 79 Peak 5 15660.00 44.72 54.00 -9.28 53.49 41.05 14.64 64.46 100 79 Average

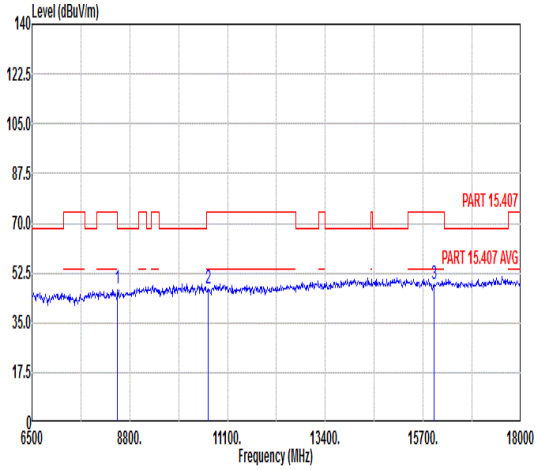
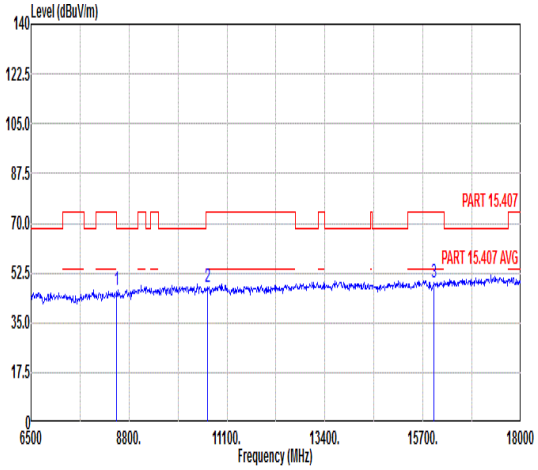
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8384.00 51.02 74.00 -22.98 68.27 36.48 10.76 64.49 100 286 Peak 2 8384.00 47.13 54.00 -6.87 64.38 36.48 10.76 64.49 100 286 Average 3 10480.00 47.59 68.30 -20.71 61.06 38.09 12.15 63.71 --- --- Peak 4 15720.00 50.45 74.00 -23.55 59.17 41.12 14.66 64.50 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8384.00 48.72 74.00 -25.28 65.97 36.48 10.76 64.49 305 266 Peak 2 8384.00 44.68 54.00 -9.32 61.93 36.48 10.76 64.49 305 266 Average 3 10480.00 52.48 68.30 -15.82 65.95 38.09 12.15 63.71 100 58 Peak 4 15720.00 49.61 74.00 -24.39 58.33 41.12 14.66 64.50 --- --- Peak

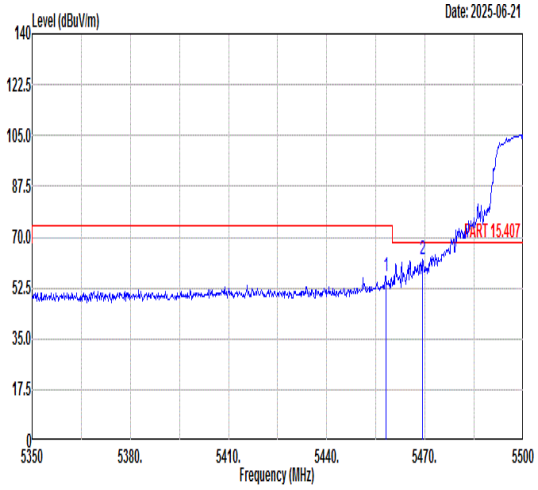
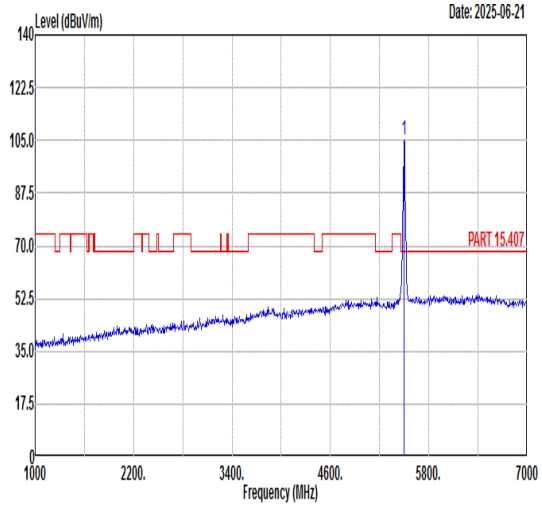
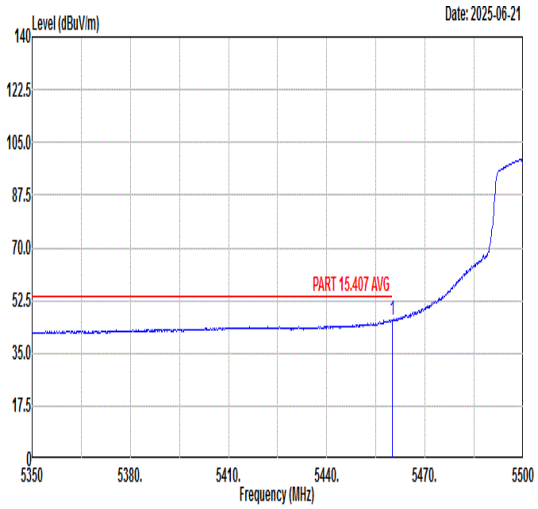
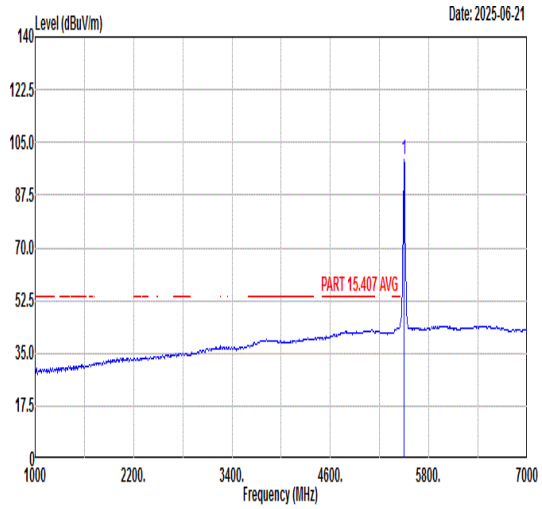
Mode	4	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5280MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8420.50 50.84 74.00 -23.16 68.05 36.48 10.77 64.46 100 286 Peak 2 8420.50 47.61 54.00 -6.39 64.82 36.48 10.77 64.46 100 286 Average 3 10520.00 45.00 68.30 -23.30 58.40 38.11 12.18 63.69 --- --- Peak 4 15780.00 47.90 74.00 -26.10 56.58 41.18 14.69 64.55 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8420.50 47.97 74.00 -26.03 65.18 36.48 10.77 64.46 302 261 Peak 2 8420.50 42.39 54.00 -11.61 59.60 36.48 10.77 64.46 302 261 Average 3 10520.00 51.21 68.30 -17.09 64.61 38.11 12.18 63.69 100 57 Peak 4 15780.00 47.59 74.00 -26.41 56.27 41.18 14.69 64.55 --- --- Peak

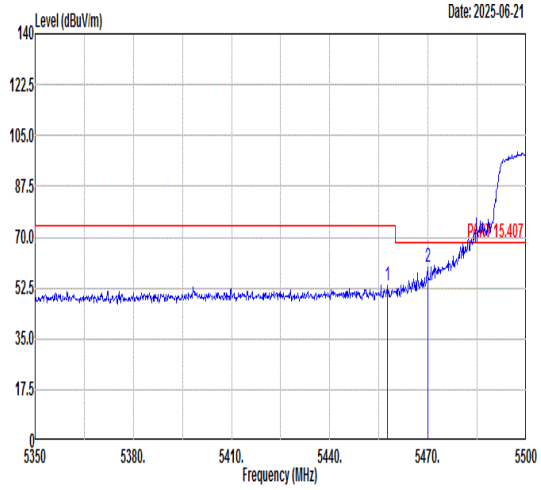
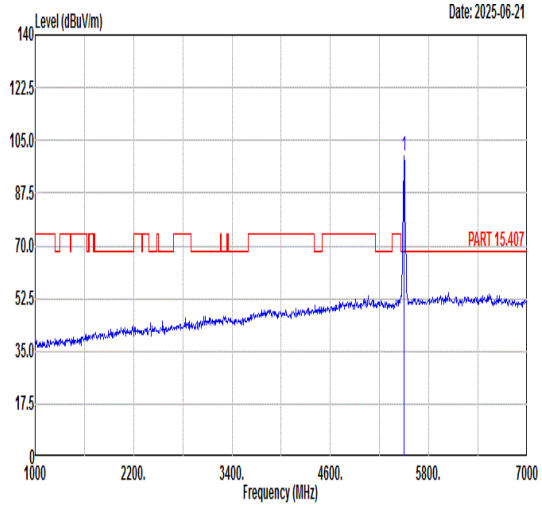
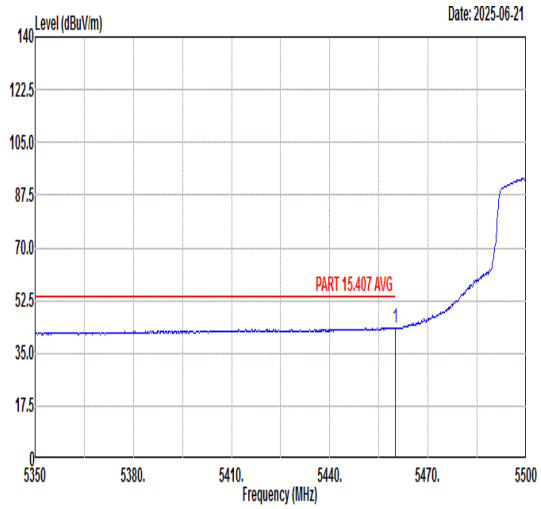
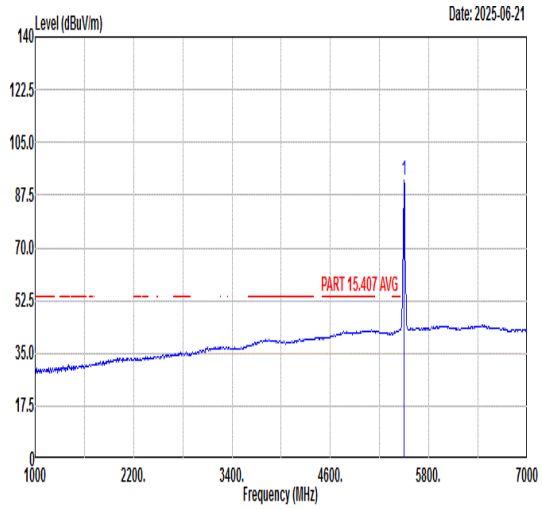
Mode	5	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8480.00 47.43 74.00 -26.57 64.55 36.50 10.80 64.42 100 293 Peak 2 8480.00 44.17 54.00 -9.83 61.29 36.50 10.80 64.42 100 293 Average 3 10600.00 47.93 74.00 -26.07 61.22 38.14 12.23 63.66 --- --- Peak 4 15900.00 48.16 74.00 -25.84 56.72 41.32 14.75 64.63 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8480.00 47.23 74.00 -26.77 64.35 36.50 10.80 64.42 298 266 Peak 2 8480.00 42.99 54.00 -11.01 60.11 36.50 10.80 64.42 298 266 Average 3 10600.00 50.93 74.00 -23.07 64.22 38.14 12.23 63.66 100 59 Peak 4 15900.00 47.18 74.00 -26.82 55.74 41.32 14.75 64.63 --- --- Peak

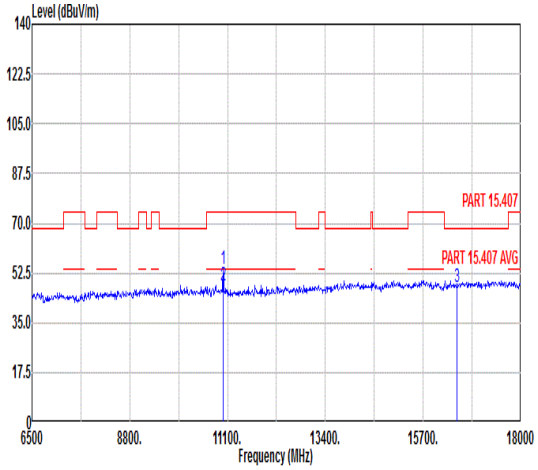
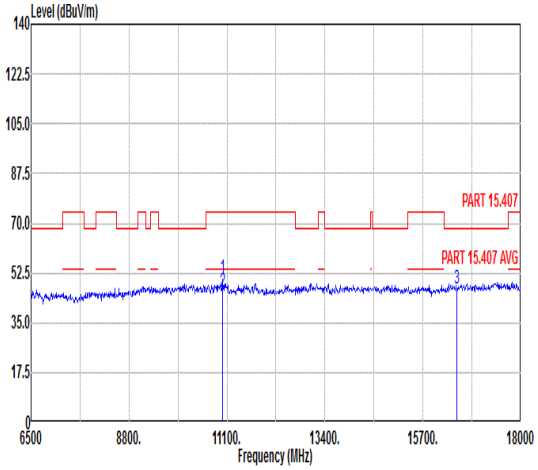
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5351.78 63.01 74.00 -10.99 50.65 36.42 9.37 33.43 100 296 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 103.92 ------ ------ 91.67 36.44 9.24 33.43 100 296 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.10 48.16 54.00 -5.84 35.80 36.42 9.37 33.43 100 296 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 97.61 ------ ------ 85.40 36.44 9.21 33.44 100 296 AVERAGE

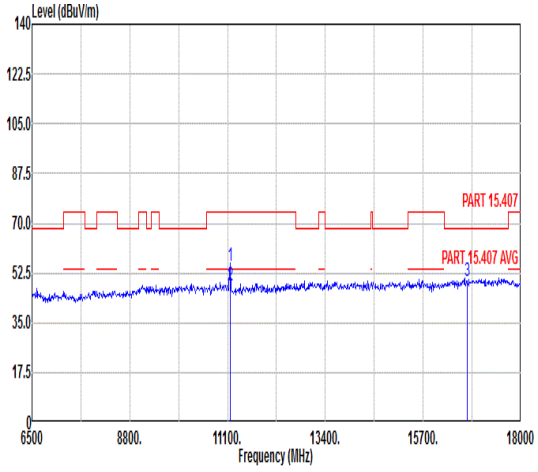
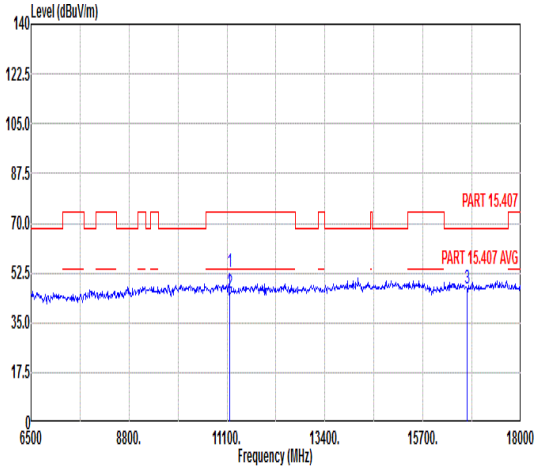
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5351.08 56.00 74.00 -18.00 43.64 36.42 9.37 33.43 300 255 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 99.27 ------ ------ 87.06 36.44 9.21 33.44 300 255 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.38 45.07 54.00 -8.93 32.71 36.42 9.37 33.43 300 255 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 92.85 ------ ------ 80.64 36.44 9.21 33.44 300 255 AVERAGE

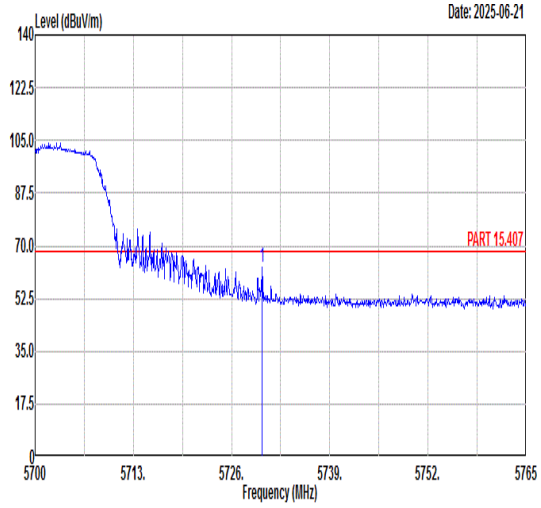
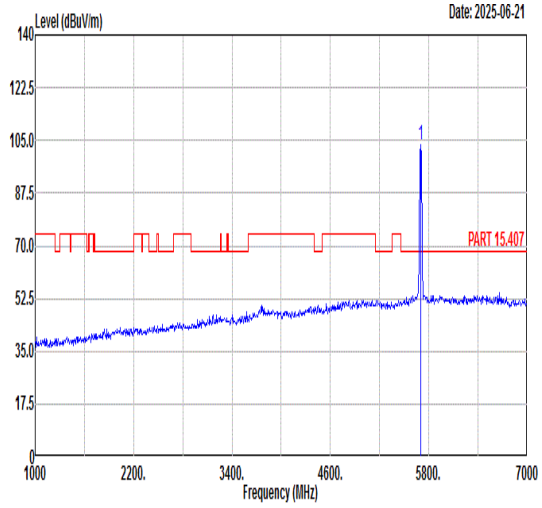
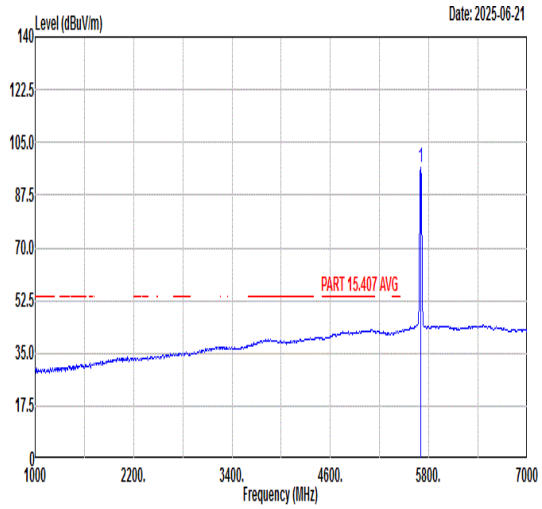
Mode	6	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8512.00 47.05 68.30 -21.25 64.11 36.52 10.81 64.39 100 291 Peak 2 10640.00 46.81 74.00 -27.19 60.03 38.16 12.26 63.64 --- --- Peak 3 15960.00 48.86 74.00 -25.14 57.37 41.39 14.77 64.67 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8512.00 46.32 68.30 -21.98 63.38 36.52 10.81 64.39 306 244 Peak 2 10640.00 47.39 74.00 -26.61 60.61 38.16 12.26 63.64 --- --- Peak 3 15960.00 49.27 74.00 -24.73 57.78 41.39 14.77 64.67 --- --- Peak

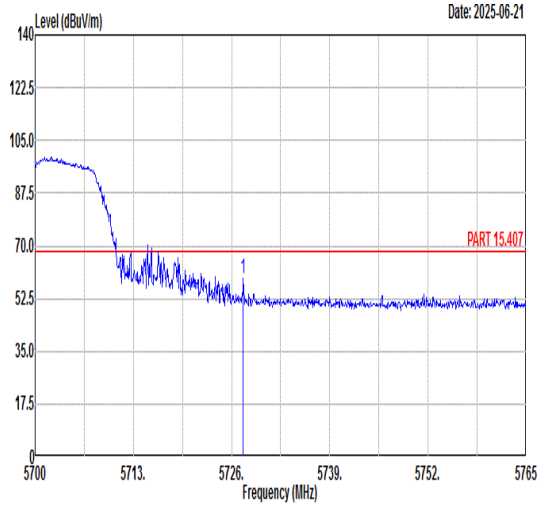
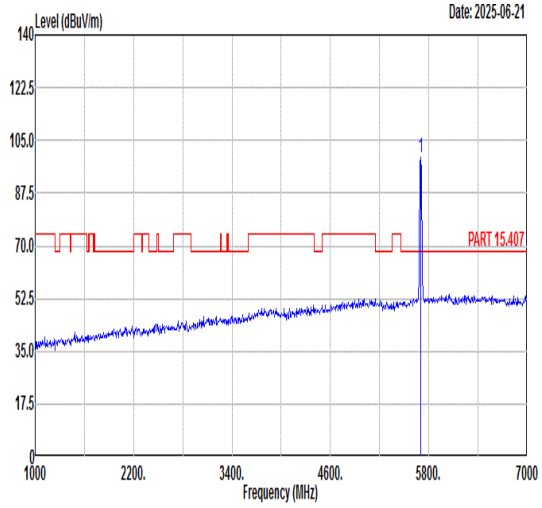
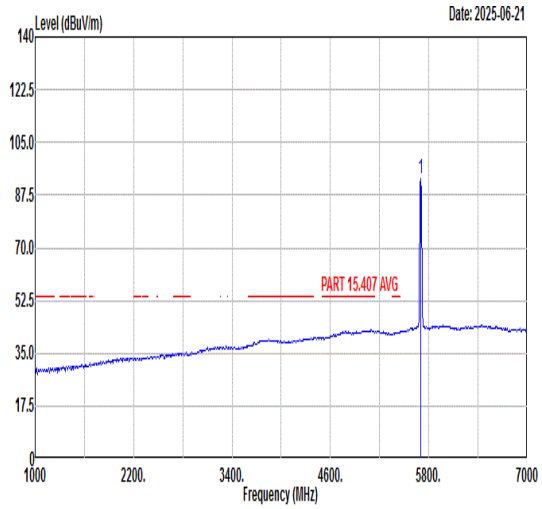
Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5458.00 56.60 74.00 -17.40 43.99 36.33 9.69 33.41 100 301 PEAK 2 5469.25 62.37 68.30 -5.93 49.77 36.32 9.69 33.41 100 301 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 105.33 ------ ------ 92.72 36.30 9.71 33.40 100 301 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.95 45.98 54.00 -8.02 33.37 36.33 9.69 33.41 100 301 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 99.18 ------ ------ 86.57 36.30 9.71 33.40 100 301 AVERAGE

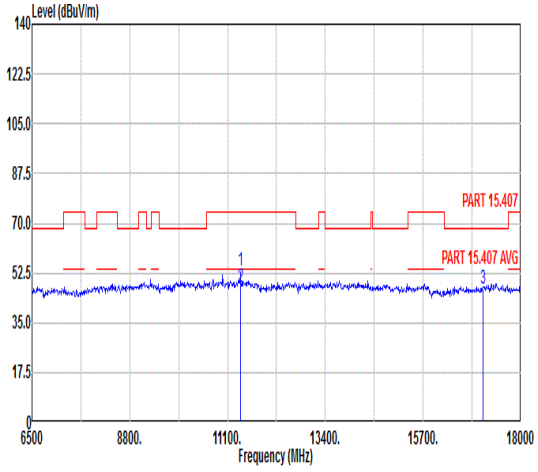
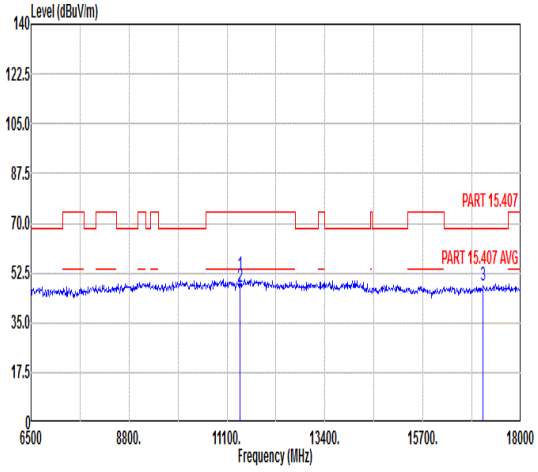
Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5457.70 53.62 74.00 -20.38 41.01 36.33 9.69 33.41 314 254 PEAK 2 5469.85 59.63 68.30 -8.67 47.03 36.32 9.69 33.41 314 254 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 99.71 ------ ------ 87.10 36.30 9.71 33.40 314 254 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.95 43.46 54.00 -10.54 30.85 36.33 9.69 33.41 314 254 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 92.70 ------ ------ 80.09 36.30 9.71 33.40 314 254 AVERAGE

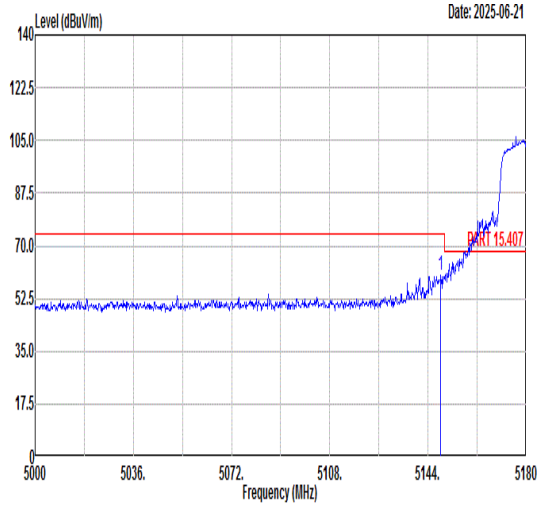
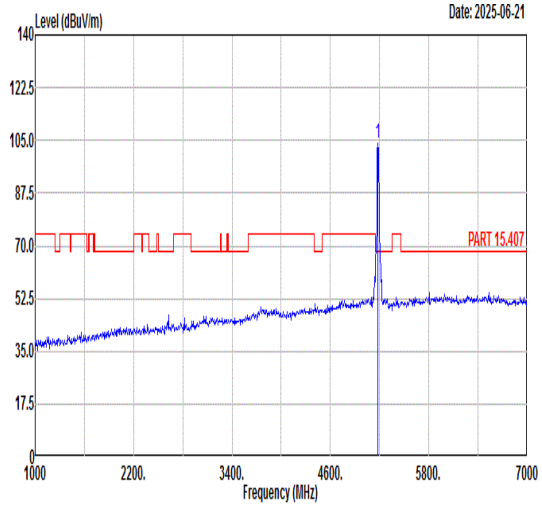
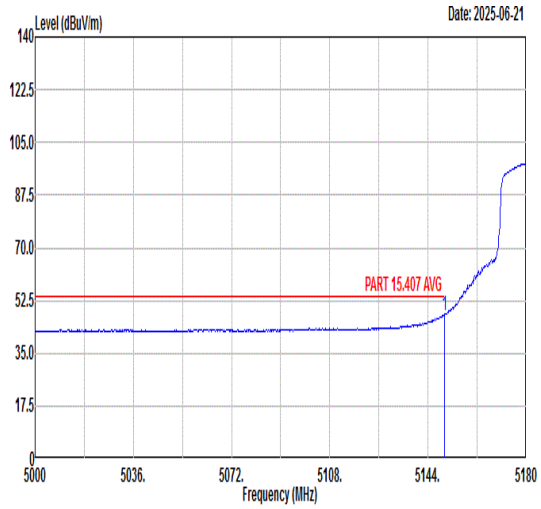
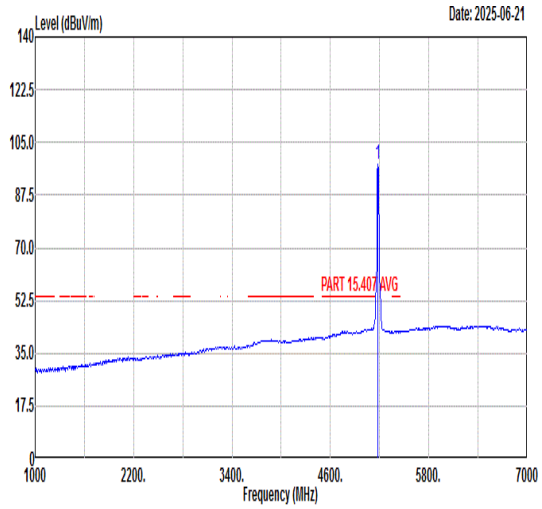
Mode	7	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 53.90 74.00 -20.10 66.58 38.30 12.52 63.50 100 276 Peak 2 11000.00 47.88 54.00 -6.12 60.56 38.30 12.52 63.50 100 276 Average 3 16500.00 47.51 68.30 -20.79 55.09 42.00 15.17 64.75 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 50.84 74.00 -23.16 63.52 38.30 12.52 63.50 100 51 Peak 2 11000.00 45.75 54.00 -8.25 58.43 38.30 12.52 63.50 100 51 Average 3 16500.00 47.09 68.30 -21.21 54.67 42.00 15.17 64.75 --- --- Peak

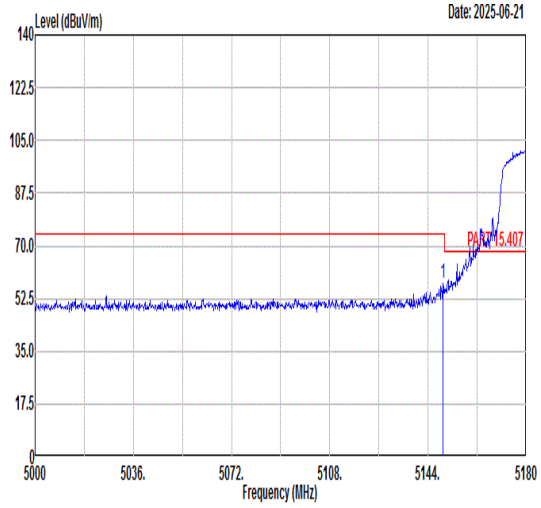
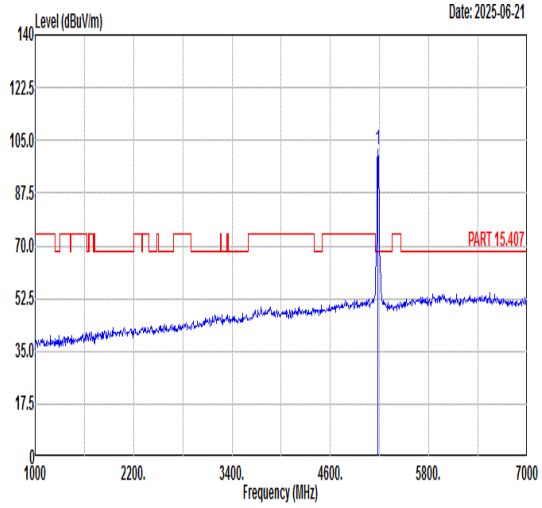
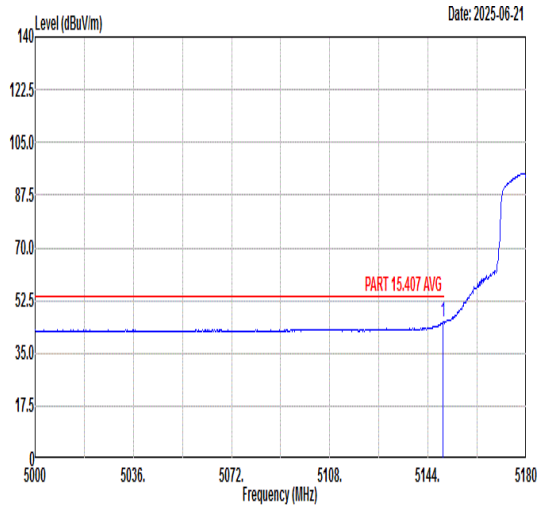
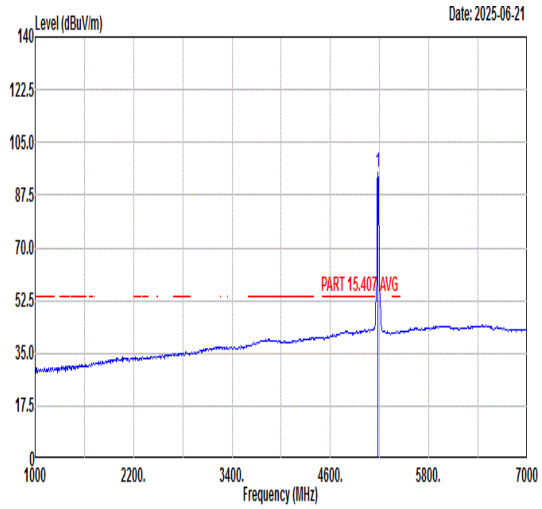
Mode	8	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH116_5580MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 54.85 74.00 -19.15 67.47 38.35 12.64 63.61 100 277 Peak 2 11160.00 47.86 54.00 -6.14 60.48 38.35 12.64 63.61 100 277 Average 3 16740.00 49.67 68.30 -18.63 56.82 42.27 15.35 64.77 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 52.78 74.00 -21.22 65.40 38.35 12.64 63.61 100 6 Peak 2 11160.00 45.68 54.00 -8.32 58.30 38.35 12.64 63.61 100 6 Average 3 16740.00 47.10 68.30 -21.20 54.25 42.27 15.35 64.77 --- --- Peak

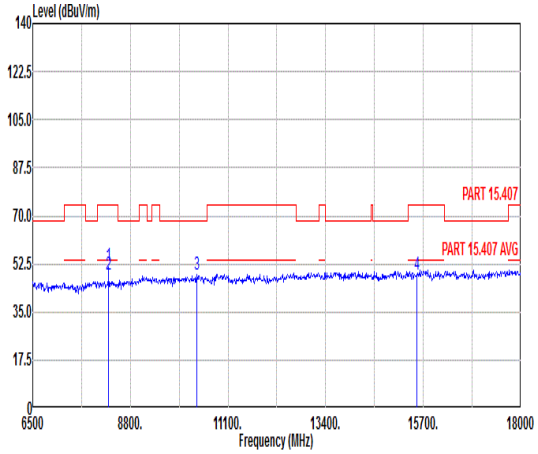
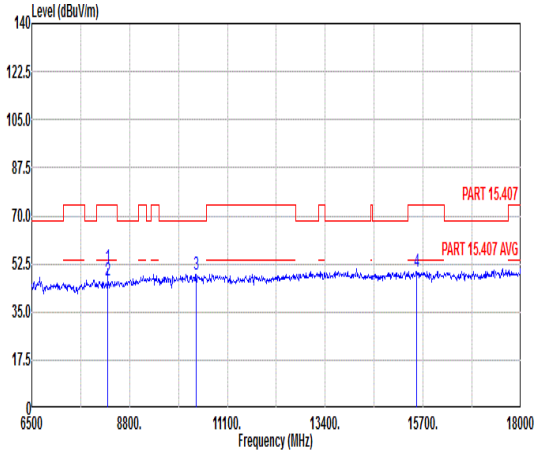
Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5730.03 62.85 68.30 -5.45 49.74 36.53 10.03 33.45 100 295 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 103.62 ------ ------ 90.60 36.50 9.96 33.44 100 295 PEAK
Avg	Blank	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 96.50 ------ ------ 83.48 36.50 9.96 33.44 100 295 AVERAGE

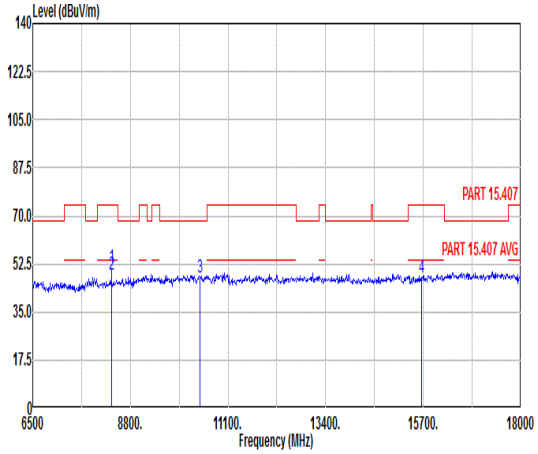
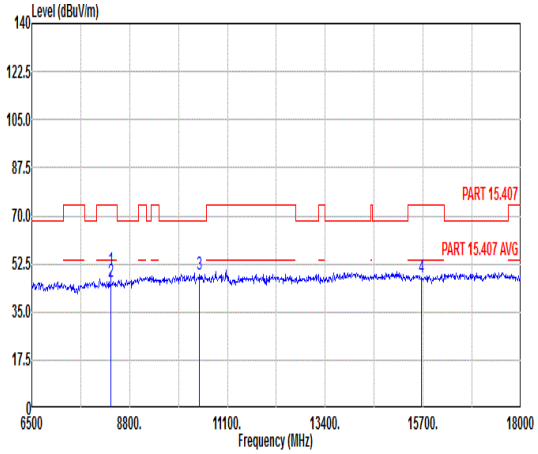
Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5727.56 59.05 68.30 -9.25 45.95 36.53 10.02 33.45 296 263 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 99.21 ------ ------ 86.19 36.50 9.96 33.44 296 263 PEAK
Avg	Blank	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 92.73 ------ ------ 79.71 36.50 9.96 33.44 296 263 AVERAGE

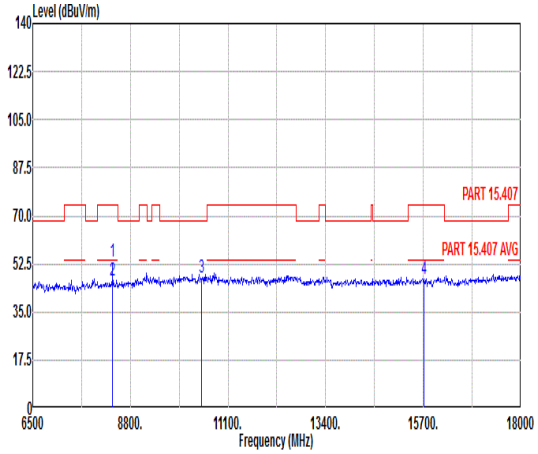
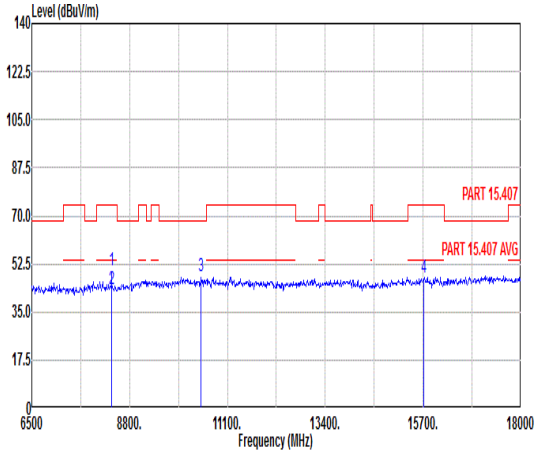
Mode	9	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 53.49 74.00 -20.51 65.38 39.08 12.81 63.78 100 276 Peak 2 11400.00 47.76 54.00 -6.24 59.65 39.08 12.81 63.78 100 276 Average 3 17100.00 47.27 68.30 -21.03 54.15 42.41 15.62 64.91 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 51.54 74.00 -22.46 63.43 39.08 12.81 63.78 100 12 Peak 2 11400.00 47.64 54.00 -6.36 59.53 39.08 12.81 63.78 100 12 Average 3 17100.00 47.96 68.30 -20.34 54.84 42.41 15.62 64.91 --- --- Peak

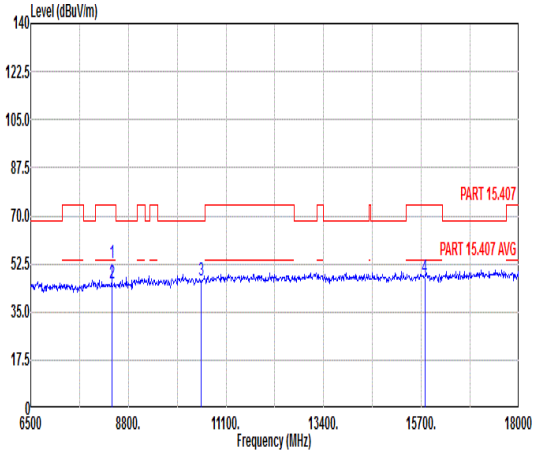
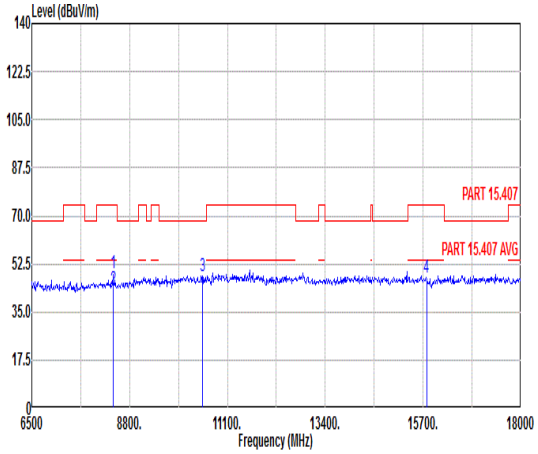
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_5180MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5148.68 60.17 74.00 -13.83 48.53 36.58 8.53 33.47 102 297 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 104.07 ------ ------ 92.39 36.56 8.58 33.46 102 297 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.94 47.78 54.00 -6.22 36.13 36.58 8.54 33.47 102 297 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 97.94 ------ ------ 86.26 36.56 8.58 33.46 102 297 AVERAGE

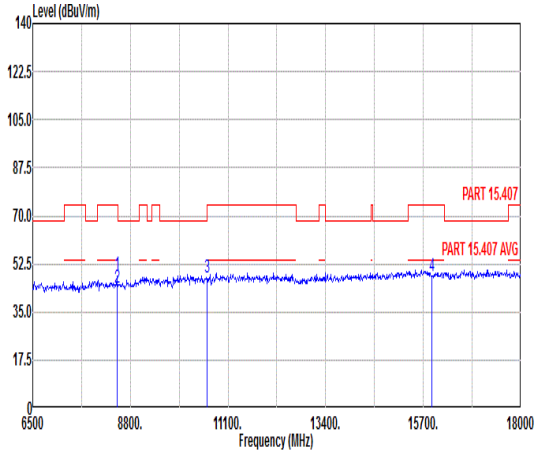
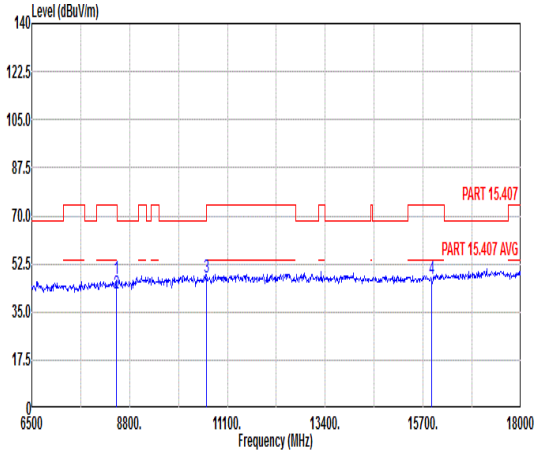
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_5180MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.40 57.72 74.00 -16.28 46.08 36.58 8.53 33.47 300 253 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 101.73 ------ ------ 90.05 36.56 8.58 33.46 300 253 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.58 45.25 54.00 -8.75 33.61 36.58 8.53 33.47 300 253 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 94.87 ------ ------ 83.19 36.55 8.59 33.46 300 253 AVERAGE

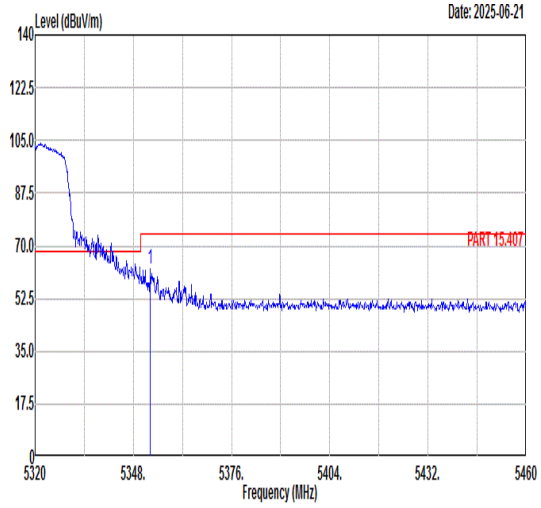
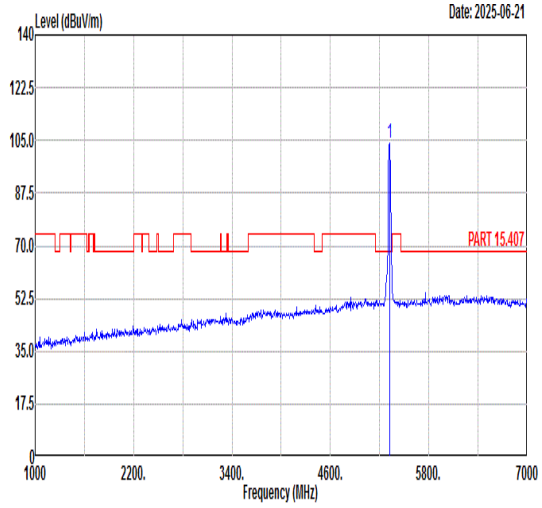
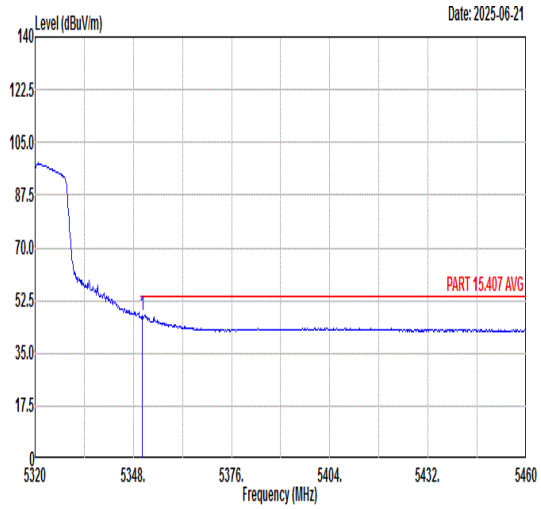
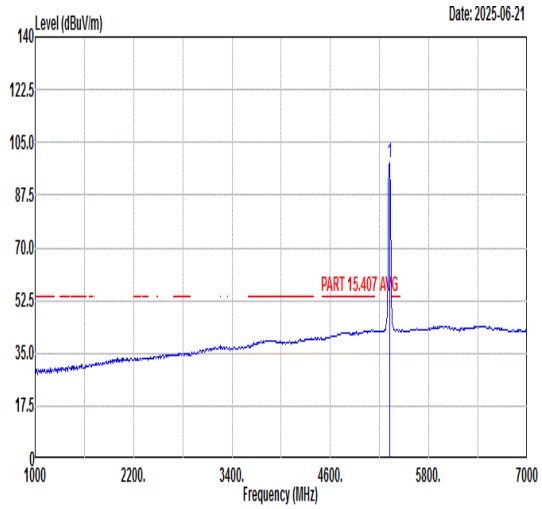
Mode	10	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_5180MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8288.00 51.55 74.00 -22.45 68.95 36.46 10.71 64.57 100 290 Peak 2 8288.00 48.72 54.00 -5.28 66.12 36.46 10.71 64.57 100 290 Average 3 10360.00 48.43 68.30 -19.87 62.09 38.04 12.06 63.76 --- --- Peak 4 15540.00 48.56 74.00 -25.44 57.45 40.91 14.58 64.38 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8288.00 51.23 74.00 -22.77 68.63 36.46 10.71 64.57 306 263 Peak 2 8288.00 46.29 54.00 -7.71 63.69 36.46 10.71 64.57 306 263 Average 3 10360.00 48.59 68.30 -19.71 62.25 38.04 12.06 63.76 --- --- Peak 4 15540.00 49.76 74.00 -24.24 58.65 40.91 14.58 64.38 --- --- Peak

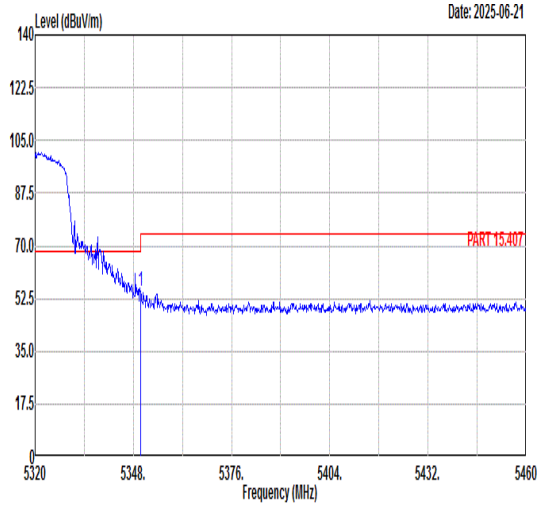
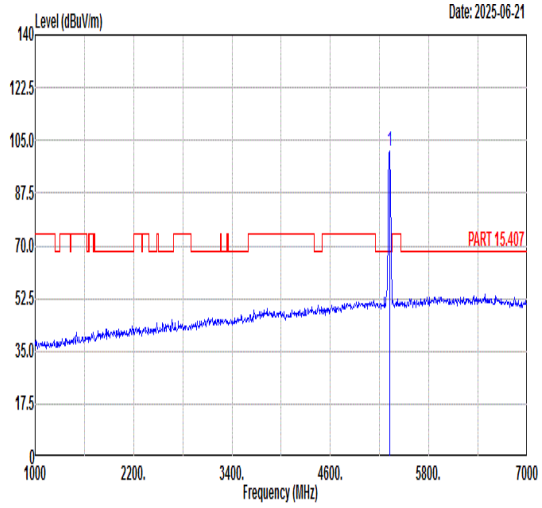
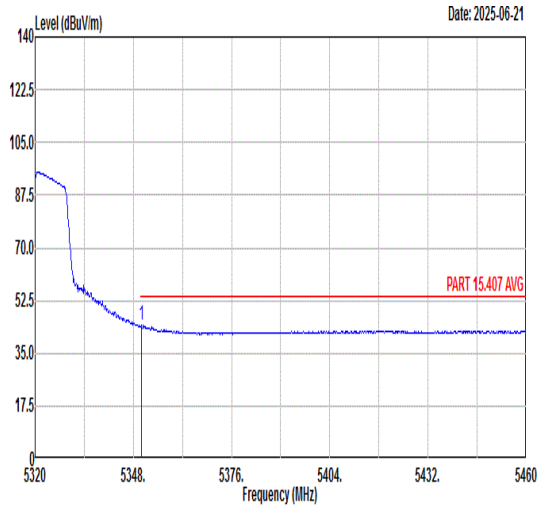
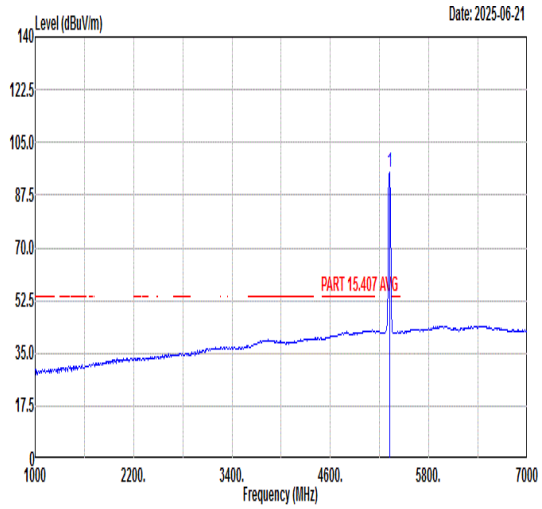
Mode	11	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH44_5220MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8352.00 51.49 74.00 -22.51 68.80 36.47 10.74 64.52 100 394 Peak 2 8352.00 48.75 54.00 -5.25 66.06 36.47 10.74 64.52 100 394 Average 3 10440.00 47.55 68.30 -20.75 61.07 38.08 12.12 63.72 --- --- Peak 4 15660.00 47.66 74.00 -26.34 56.43 41.05 14.64 64.46 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8352.00 50.08 74.00 -23.92 67.39 36.47 10.74 64.52 288 267 Peak 2 8352.00 46.15 54.00 -7.85 63.46 36.47 10.74 64.52 288 267 Average 3 10440.00 48.54 68.30 -19.76 62.06 38.08 12.12 63.72 --- --- Peak 4 15660.00 47.32 74.00 -26.68 56.09 41.05 14.64 64.46 --- --- Peak

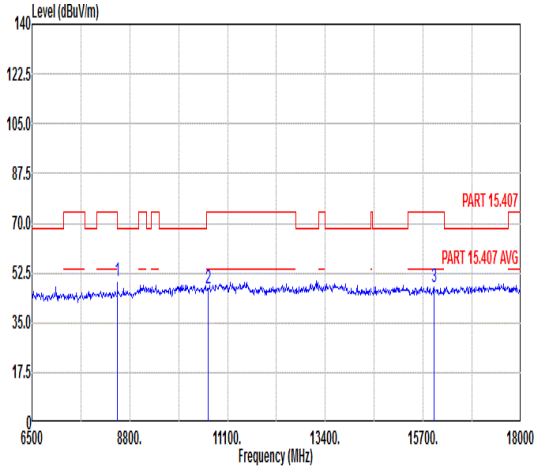
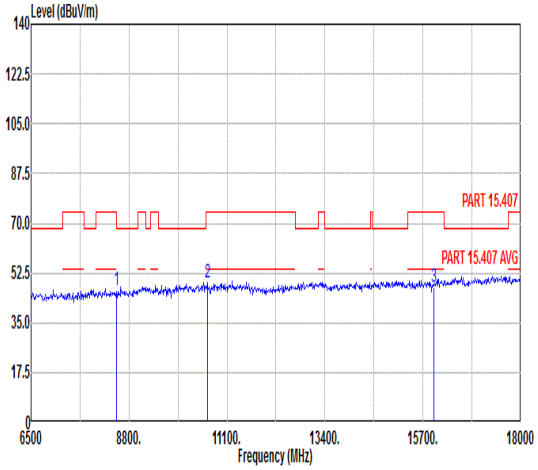
Mode	12	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH48_5240MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8384.00 53.42 74.00 -20.58 70.67 36.48 10.76 64.49 100 286 Peak 2 8384.00 46.44 54.00 -7.56 63.69 36.48 10.76 64.49 100 286 Average 3 10480.00 47.46 68.30 -20.84 60.93 38.09 12.15 63.71 --- --- Peak 4 15720.00 47.14 74.00 -26.86 55.86 41.12 14.66 64.50 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8384.00 50.04 74.00 -23.96 67.29 36.48 10.76 64.49 296 263 Peak 2 8384.00 43.09 54.00 -10.91 60.34 36.48 10.76 64.49 296 263 Average 3 10480.00 47.83 68.30 -20.47 61.30 38.09 12.15 63.71 --- --- Peak 4 15720.00 47.55 74.00 -26.45 56.27 41.12 14.66 64.50 --- --- Peak

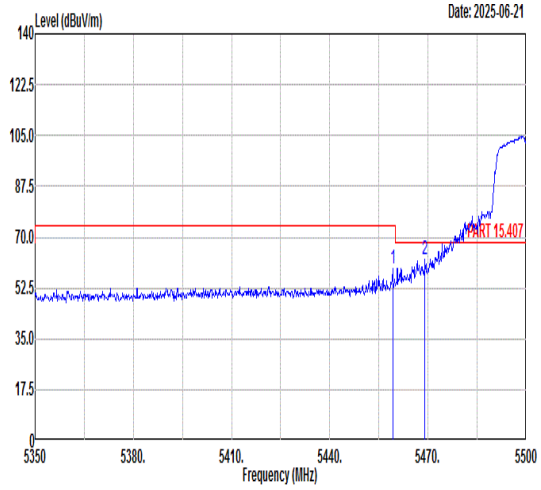
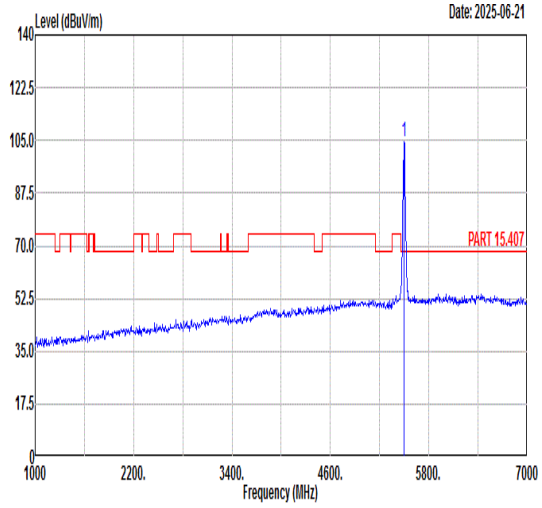
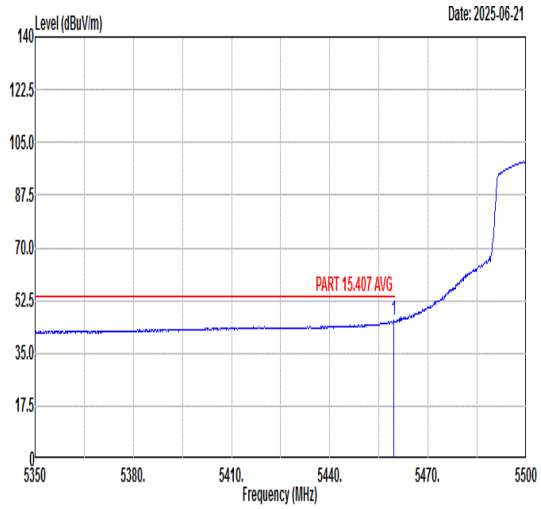
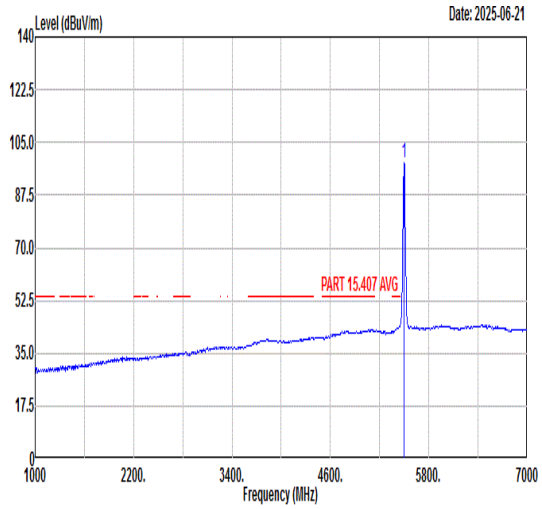
Mode	13	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH52_5280MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8416.00 52.66 74.00 -21.34 69.88 36.48 10.77 64.47 100 294 Peak 2 8416.00 45.54 54.00 -8.46 62.76 36.48 10.77 64.47 100 294 Average 3 10520.00 46.48 68.30 -21.82 59.88 38.11 12.18 63.69 --- --- Peak 4 15780.00 47.51 74.00 -26.49 56.19 41.18 14.69 64.55 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8416.00 49.33 74.00 -24.67 66.55 36.48 10.77 64.47 302 271 Peak 2 8416.00 43.14 54.00 -10.86 60.36 36.48 10.77 64.47 302 271 Average 3 10520.00 47.93 68.30 -20.37 61.33 38.11 12.18 63.69 --- --- Peak 4 15780.00 47.63 74.00 -26.37 56.31 41.18 14.69 64.55 --- --- Peak

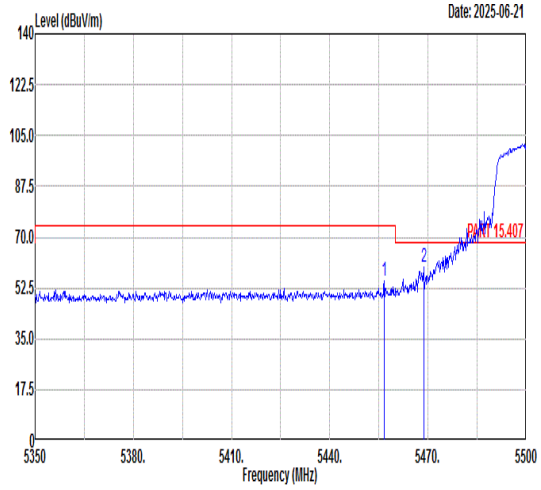
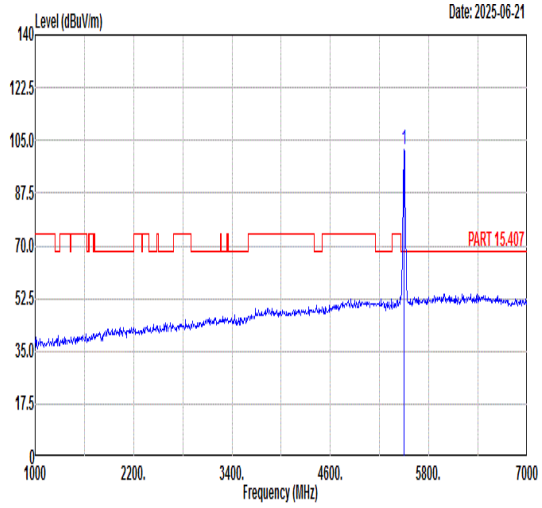
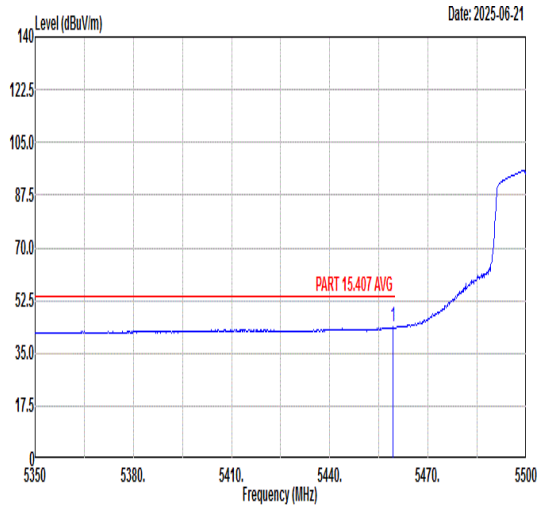
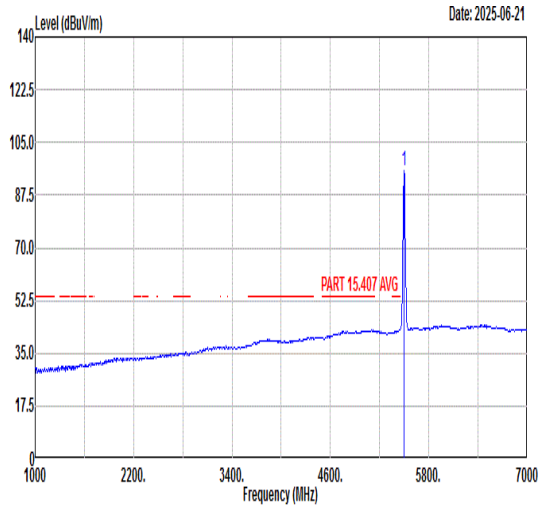
Mode	14	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH60_5300MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8480.00 48.70 74.00 -25.30 65.82 36.50 10.80 64.42 100 278 Peak 2 8480.00 44.04 54.00 -9.96 61.16 36.50 10.80 64.42 100 278 Average 3 10600.00 47.34 74.00 -26.66 60.63 38.14 12.23 63.66 --- --- Peak 4 15900.00 47.99 74.00 -26.01 56.55 41.32 14.75 64.63 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8480.00 47.10 74.00 -26.90 64.22 36.50 10.80 64.42 302 265 Peak 2 8480.00 42.00 54.00 -12.00 59.12 36.50 10.80 64.42 302 265 Average 3 10600.00 47.38 74.00 -26.62 60.67 38.14 12.23 63.66 --- --- Peak 4 15900.00 47.04 74.00 -26.96 55.60 41.32 14.75 64.63 --- --- Peak

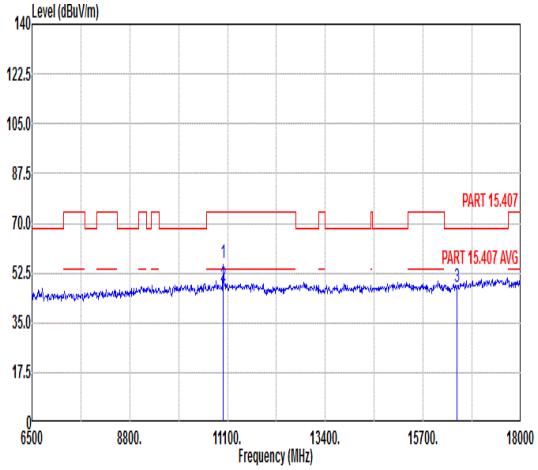
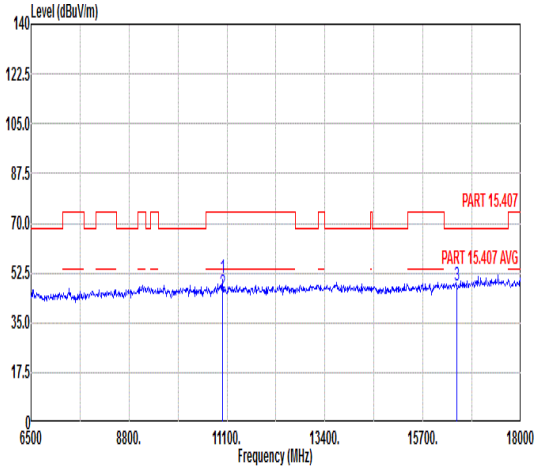
Mode	15	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64_5320MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5352.90 62.40 74.00 -11.60 50.03 36.42 9.38 33.43 118 298 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 104.03 ------ ------ 91.82 36.44 9.21 33.44 118 298 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.52 47.69 54.00 -6.31 35.33 36.42 9.37 33.43 118 298 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 98.15 ------ ------ 85.94 36.44 9.21 33.44 118 298 AVERAGE

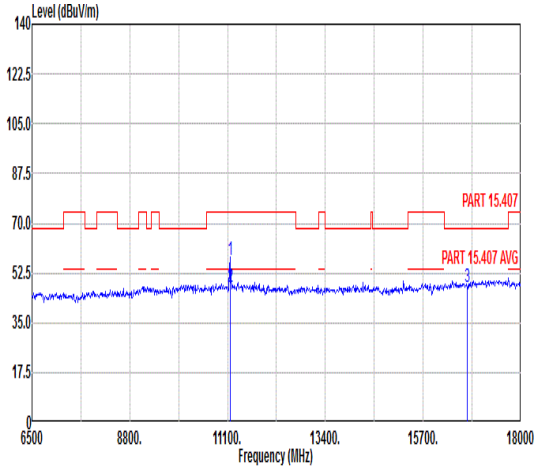
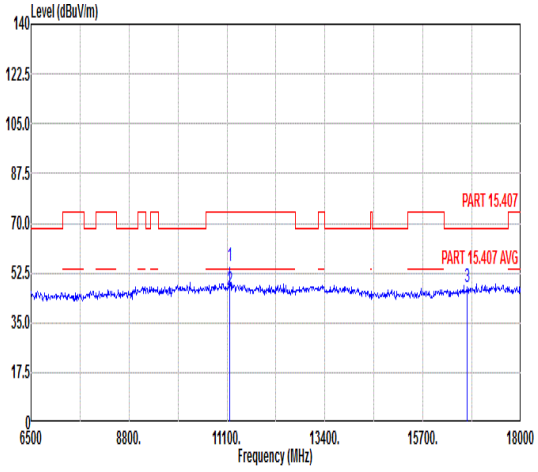
Mode	15	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64_5320MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.10 54.90 74.00 -19.10 42.54 36.42 9.37 33.43 346 237 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 101.35 ------ ------ 89.14 36.44 9.21 33.44 346 237 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.24 44.17 54.00 -9.83 31.81 36.42 9.37 33.43 346 237 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 94.97 ------ ------ 82.76 36.44 9.21 33.44 346 237 AVERAGE

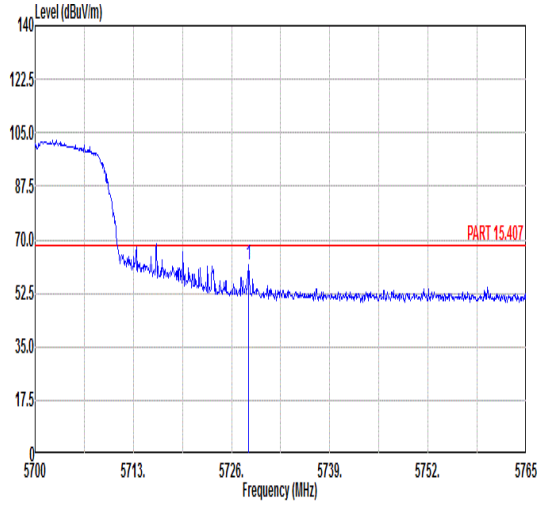
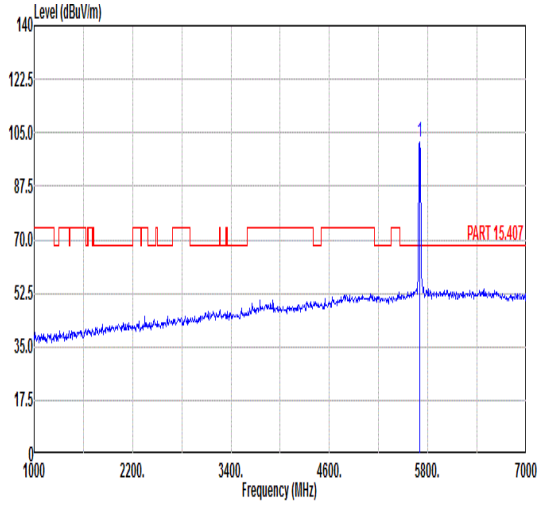
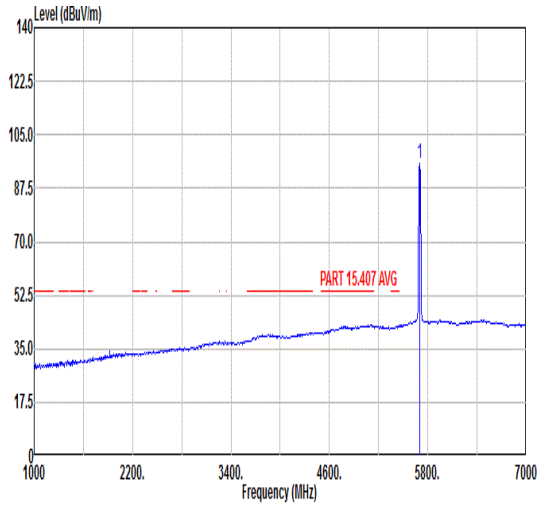
Mode	15	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64_5320MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8512.00 49.68 68.30 -18.62 66.74 36.52 10.81 64.39 100 285 Peak 2 10640.00 46.94 74.00 -27.06 60.16 38.16 12.26 63.64 --- --- Peak 3 15960.00 47.29 74.00 -26.71 55.80 41.39 14.77 64.67 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8512.00 46.52 68.30 -21.78 63.58 36.52 10.81 64.39 306 269 Peak 2 10640.00 49.14 74.00 -24.86 62.36 38.16 12.26 63.64 --- --- Peak 3 15960.00 47.64 74.00 -26.36 56.15 41.39 14.77 64.67 --- --- Peak

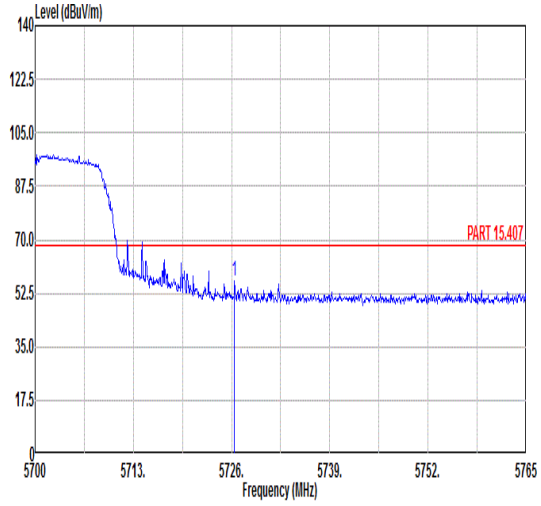
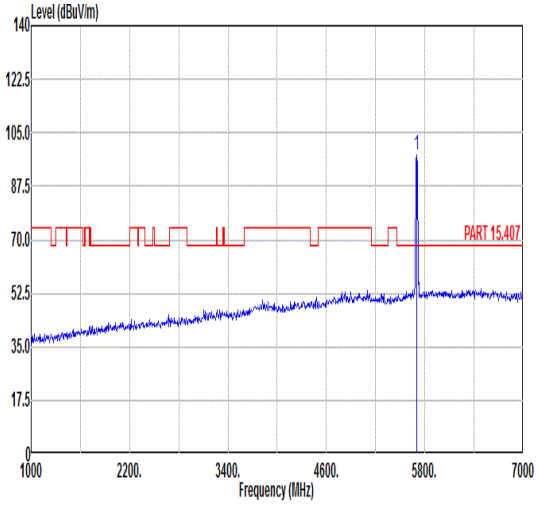
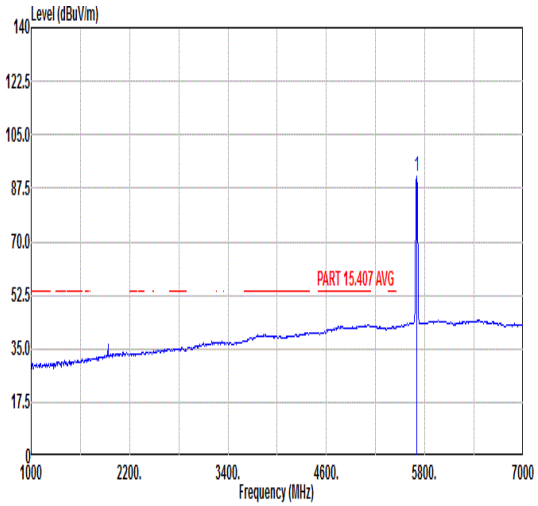
Mode	16	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_5500MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.20 59.24 74.00 -14.76 46.63 36.33 9.69 33.41 100 293 PEAK 2 5469.10 62.27 68.30 -6.03 49.67 36.32 9.69 33.41 100 293 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 104.58 ------ ------ 91.97 36.30 9.71 33.40 100 293 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.65 45.79 54.00 -8.21 33.18 36.33 9.69 33.41 100 293 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 98.41 ------ ------ 85.80 36.30 9.71 33.40 100 293 AVERAGE

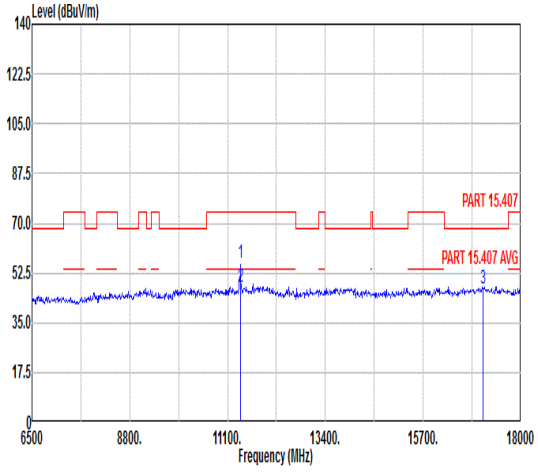
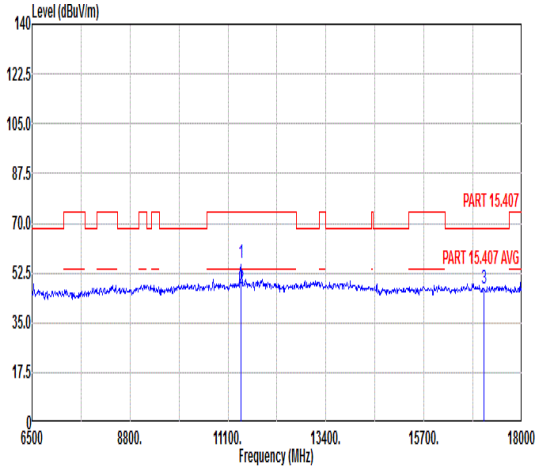
Mode	16	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_5500MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5456.65 54.92 74.00 -19.08 42.31 36.33 9.69 33.41 288 267 PEAK 2 5468.65 59.50 68.30 -8.80 46.89 36.33 9.69 33.41 288 267 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 102.04 ------ ------ 89.43 36.30 9.71 33.40 288 267 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.35 43.63 54.00 -10.37 31.02 36.33 9.69 33.41 288 267 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 95.56 ------ ------ 82.95 36.30 9.71 33.40 288 267 AVERAGE

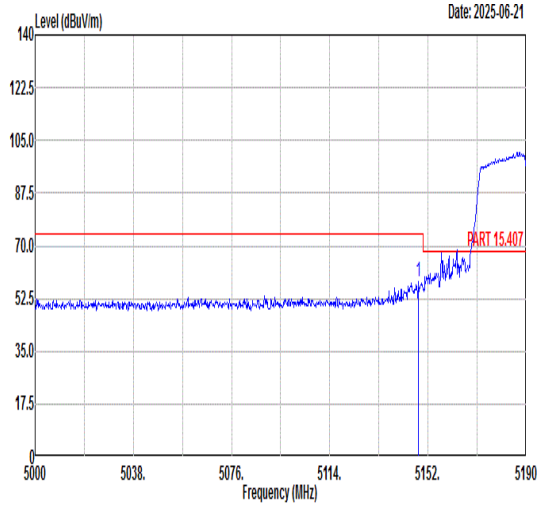
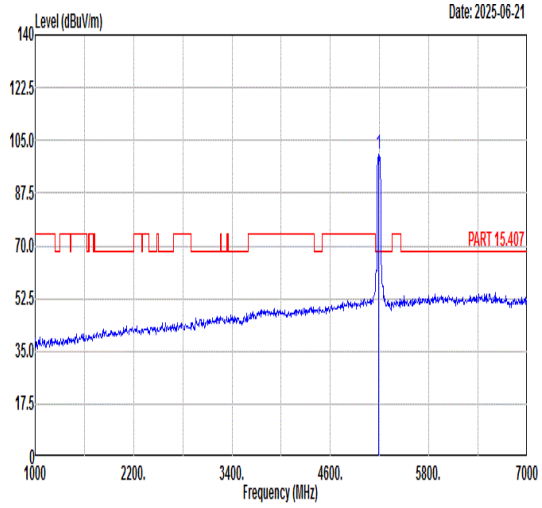
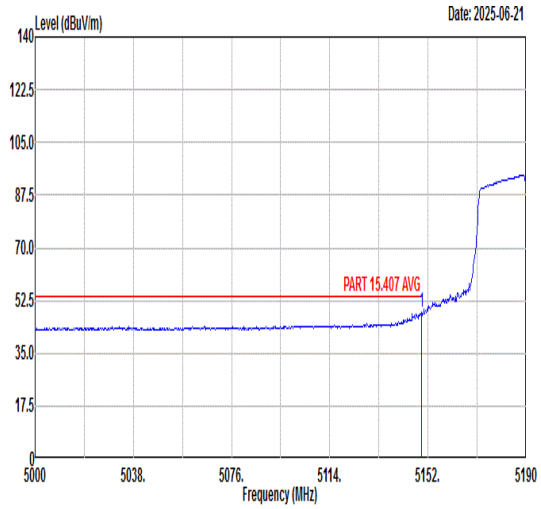
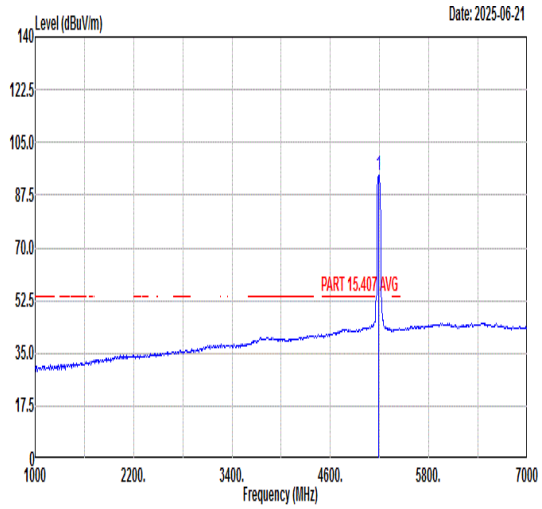
Mode	16	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_5500MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 55.84 74.00 -18.16 68.52 38.30 12.52 63.50 100 273 Peak 2 11000.00 47.83 54.00 -6.17 60.51 38.30 12.52 63.50 100 273 Average 3 16500.00 47.56 68.30 -20.74 55.14 42.00 15.17 64.75 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 50.90 74.00 -23.10 63.58 38.30 12.52 63.50 100 49 Peak 2 11000.00 45.67 54.00 -8.33 58.35 38.30 12.52 63.50 100 49 Average 3 16500.00 47.88 68.30 -20.42 55.46 42.00 15.17 64.75 --- --- Peak

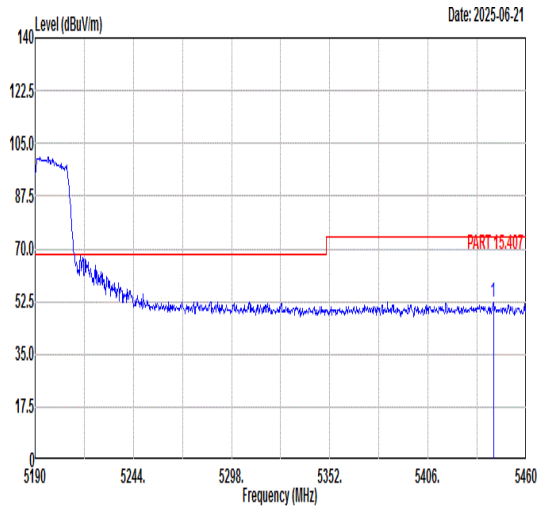
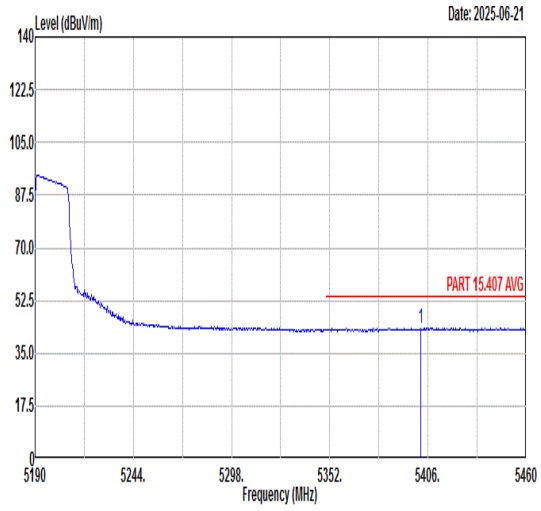
Mode	17	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH116_5580MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 57.26 74.00 -16.74 69.88 38.35 12.64 63.61 100 277 Peak 2 11160.00 47.62 54.00 -6.38 60.24 38.35 12.64 63.61 100 277 Average 3 16740.00 47.60 68.30 -20.70 54.75 42.27 15.35 64.77 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 54.98 74.00 -19.02 67.60 38.35 12.64 63.61 100 48 Peak 2 11160.00 46.30 54.00 -7.70 58.92 38.35 12.64 63.61 100 48 Average 3 16740.00 47.81 68.30 -20.49 54.96 42.27 15.35 64.77 --- --- Peak

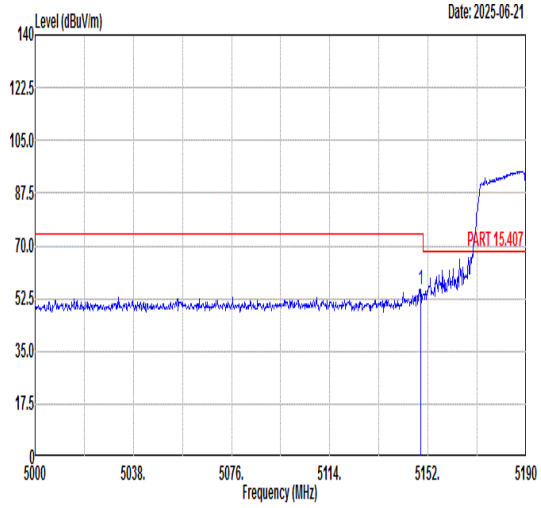
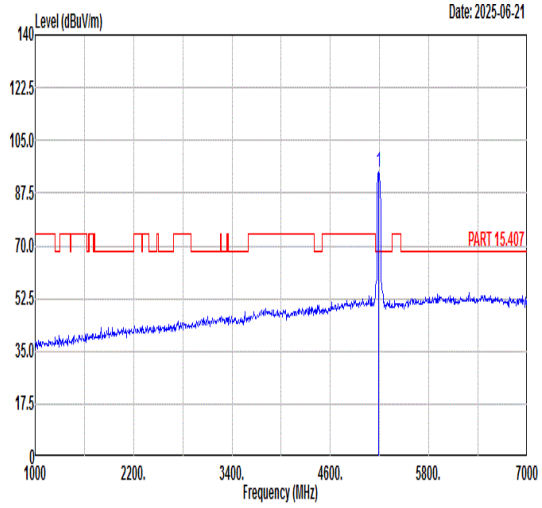
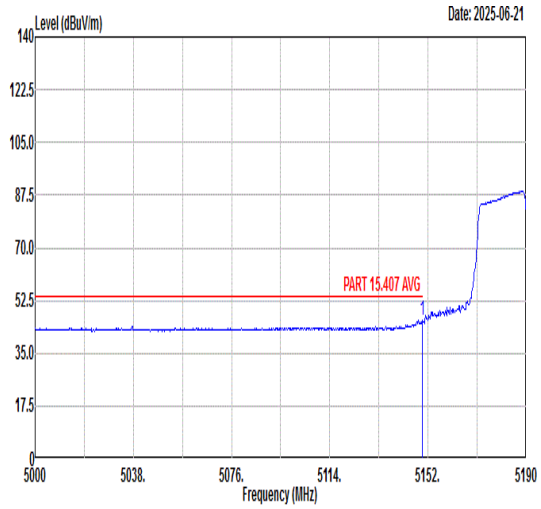
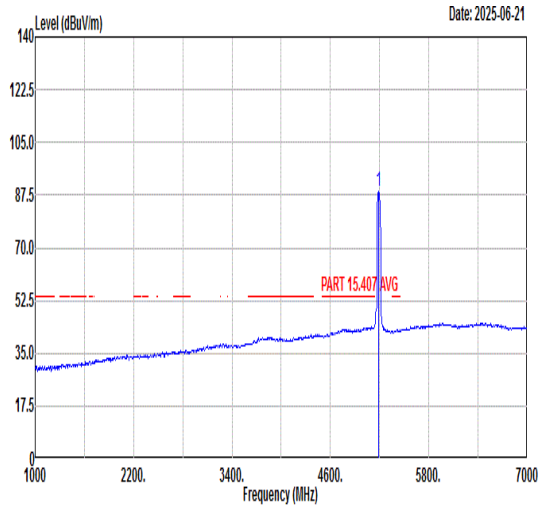
Mode	18	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_5700MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5728.28 61.75 68.30 -6.55 48.64 36.53 10.03 33.45 100 292 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5700.00 102.16 ------ ------ 89.14 36.50 9.96 33.44 100 292 PEAK
Avg	Blank	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5700.00 95.81 ------ ------ 82.78 36.50 9.97 33.44 100 292 AVERAGE

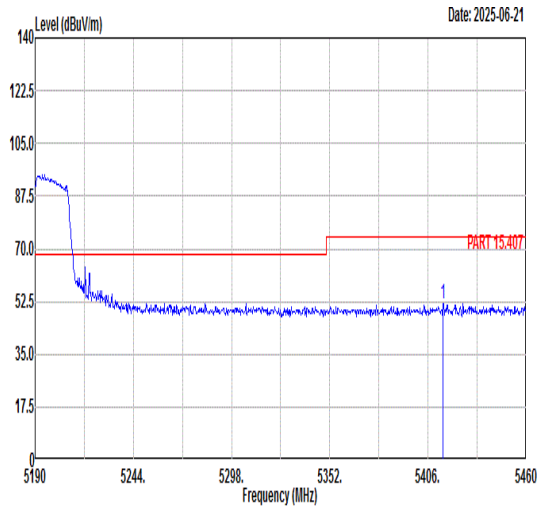
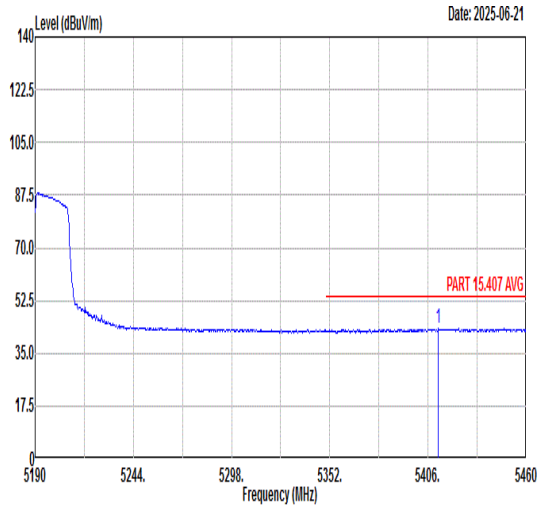
Mode	18	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_5700MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5726.39 56.41 68.30 -11.89 43.31 36.53 10.02 33.45 334 266 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5700.00 97.50 ------ ------ 84.48 36.50 9.96 33.44 334 266 PEAK
Avg	Blank	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5700.00 91.23 ------ ------ 78.21 36.50 9.96 33.44 334 266 AVERAGE

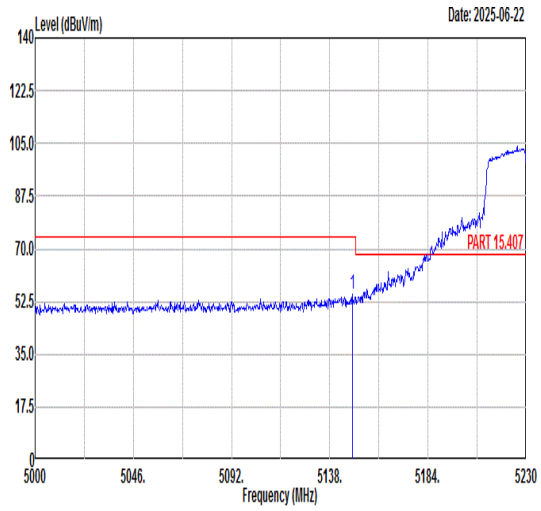
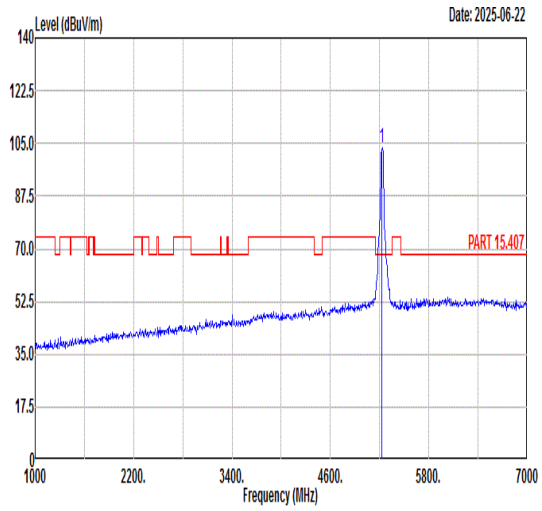
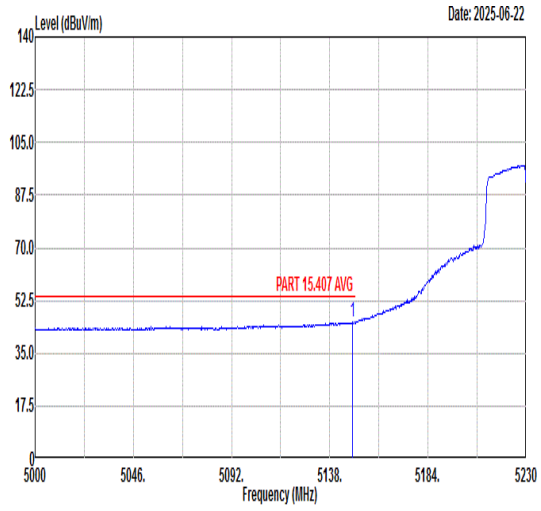
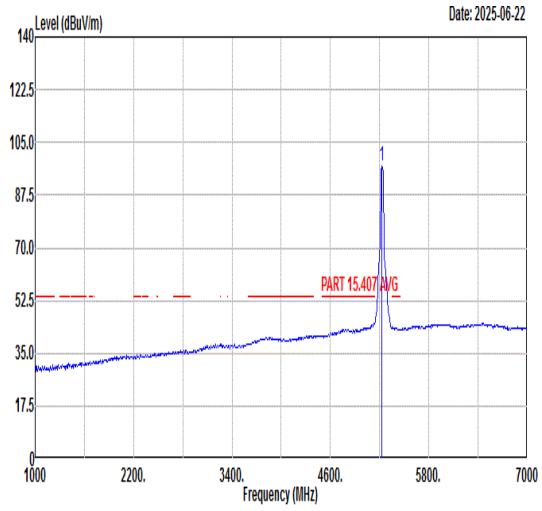
Mode	18	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_5700MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 56.04 74.00 -17.96 67.93 39.08 12.81 63.78 100 275 Peak 2 11400.00 47.45 54.00 -6.55 59.34 39.08 12.81 63.78 100 275 Average 3 17100.00 47.24 68.30 -21.06 54.12 42.41 15.62 64.91 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 55.94 74.00 -18.06 67.83 39.08 12.81 63.78 100 0 Peak 2 11400.00 47.08 54.00 -6.92 58.97 39.08 12.81 63.78 100 0 Average 3 17100.00 47.18 68.30 -21.12 54.06 42.41 15.62 64.91 --- --- Peak

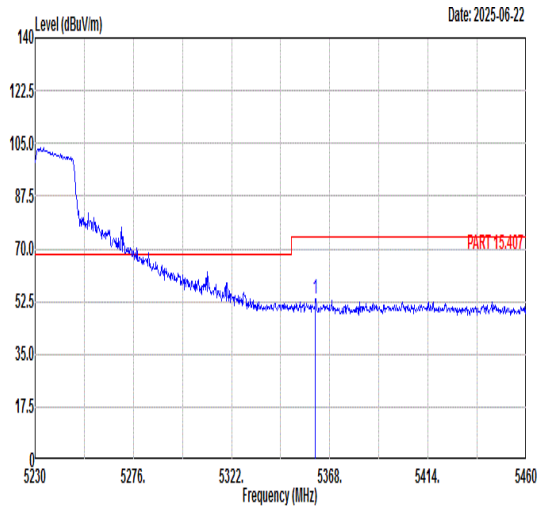
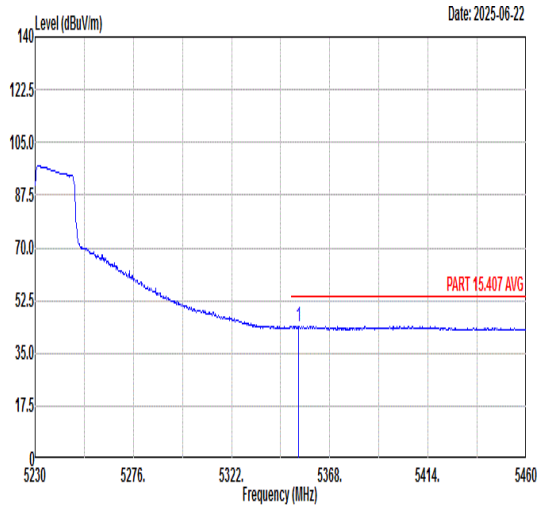
Mode	19	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_5190MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5148.39 58.32 74.00 -15.68 46.68 36.58 8.53 33.47 100 296 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5190.00 100.47 ------ ------ 88.77 36.55 8.61 33.46 100 296 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.53 48.63 54.00 -5.37 36.99 36.58 8.53 33.47 100 296 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5190.00 94.20 ------ ------ 82.50 36.54 8.62 33.46 100 296 AVERAGE

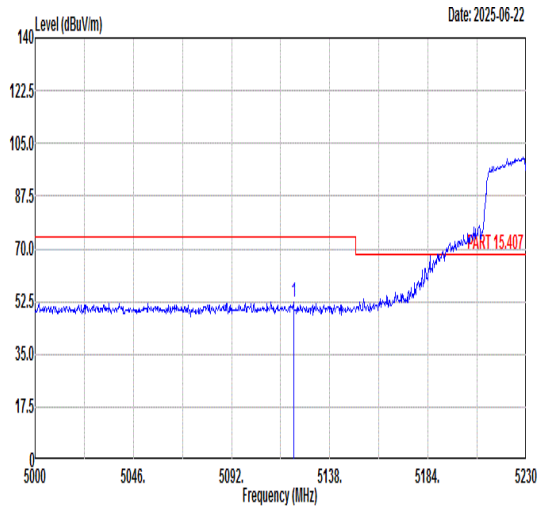
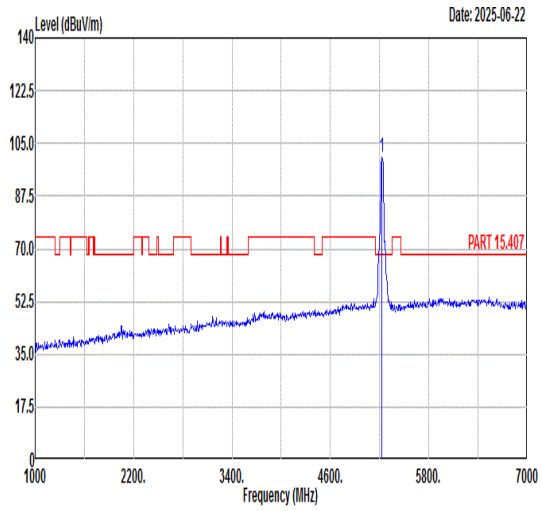
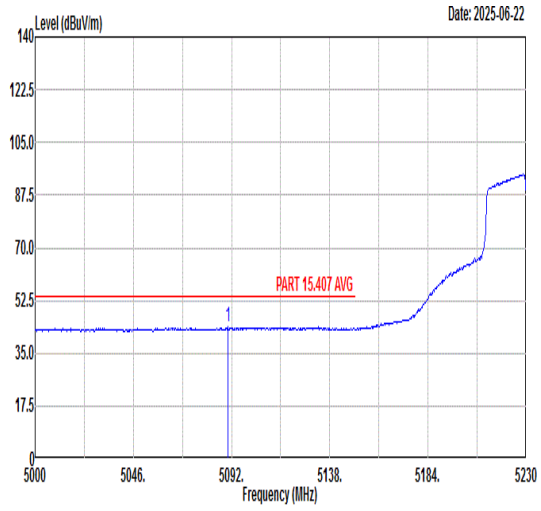
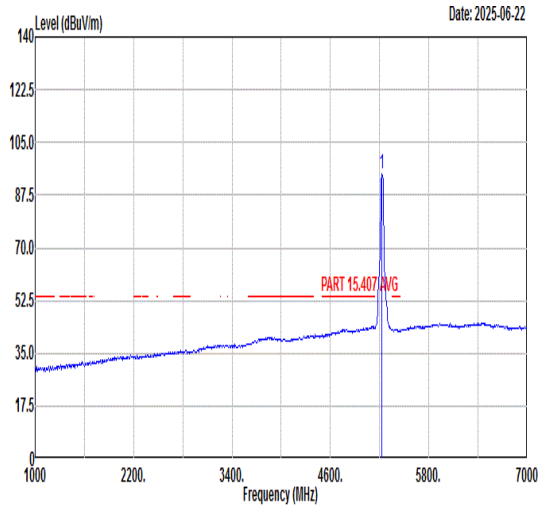
Mode	19	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_5190MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5441.91 52.17 74.00 -21.83 39.55 36.35 9.68 33.41 100 296 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5401.95 43.41 54.00 -10.59 30.82 36.38 9.63 33.42 100 296 AVERAGE	Blank

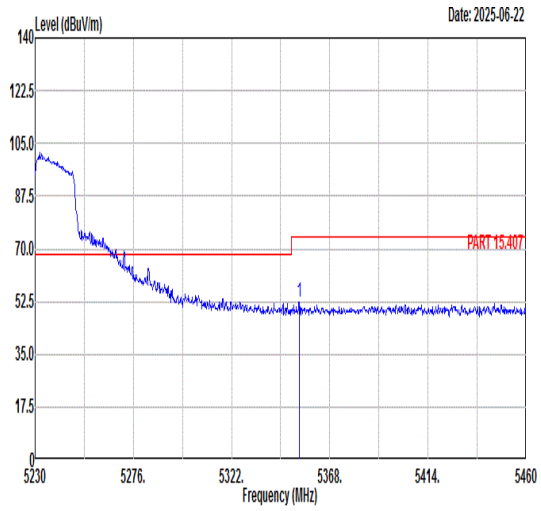
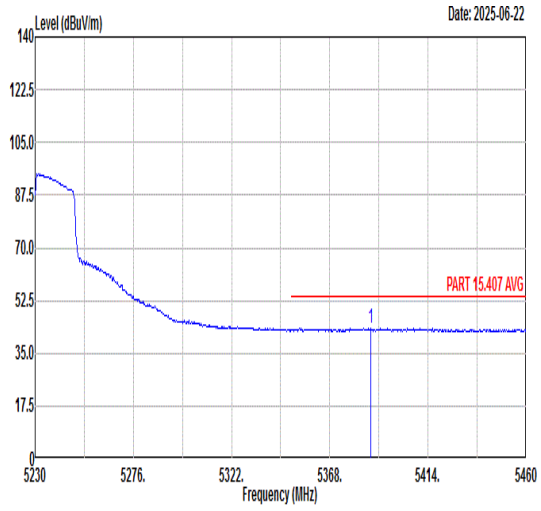
Mode	19	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_5190MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.15 55.44 74.00 -18.56 43.80 36.58 8.53 33.47 351 258 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5190.00 94.72 ------ ------ 83.02 36.55 8.61 33.46 351 258 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.72 46.19 54.00 -7.81 34.54 36.58 8.54 33.47 351 258 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5190.00 88.60 ------ ------ 76.90 36.55 8.61 33.46 351 258 AVERAGE

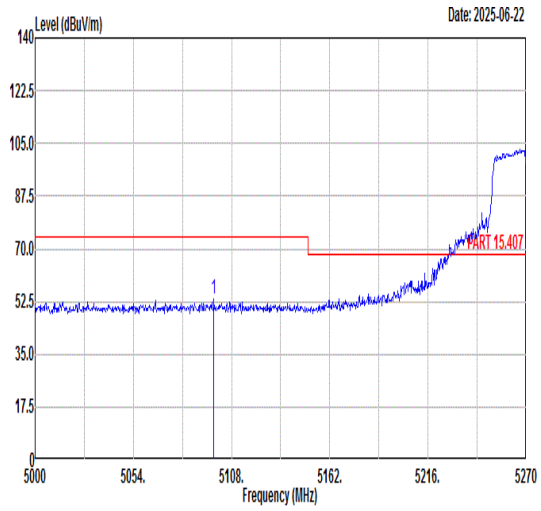
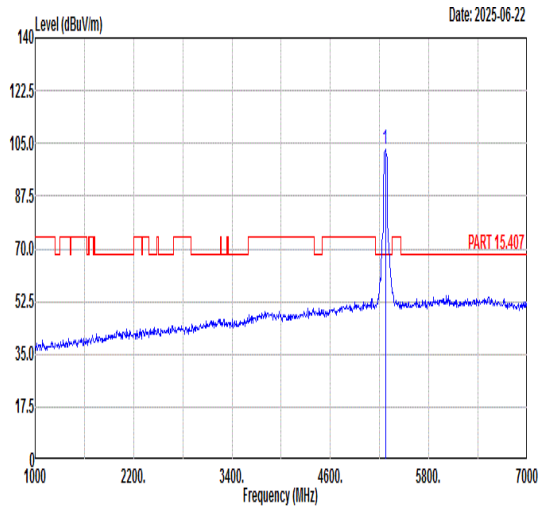
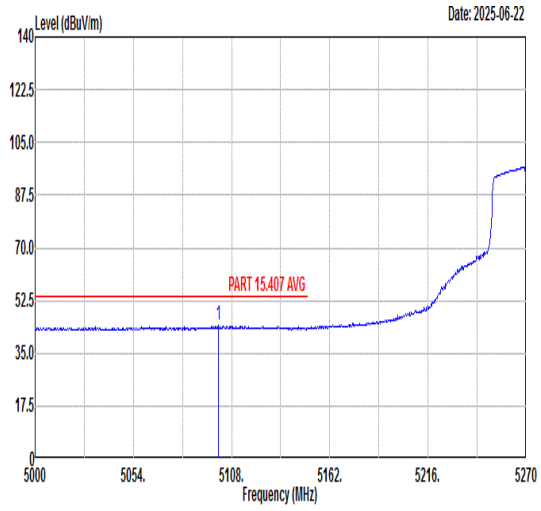
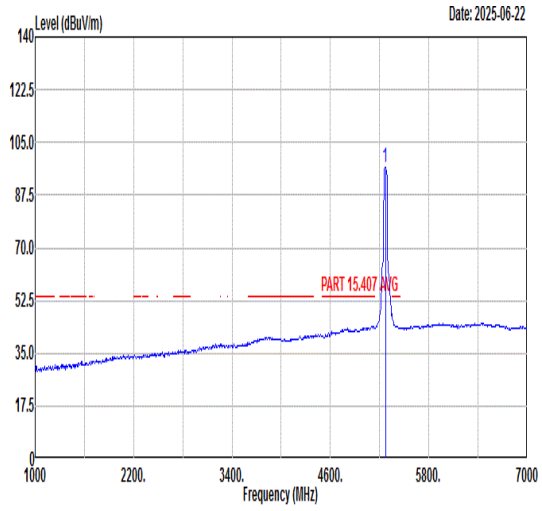
Mode	19	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_5190MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5414.37 51.81 74.00 -22.19 39.20 36.37 9.66 33.42 351 258 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5411.67 43.20 54.00 -10.80 30.59 36.37 9.66 33.42 351 258 AVERAGE	Blank

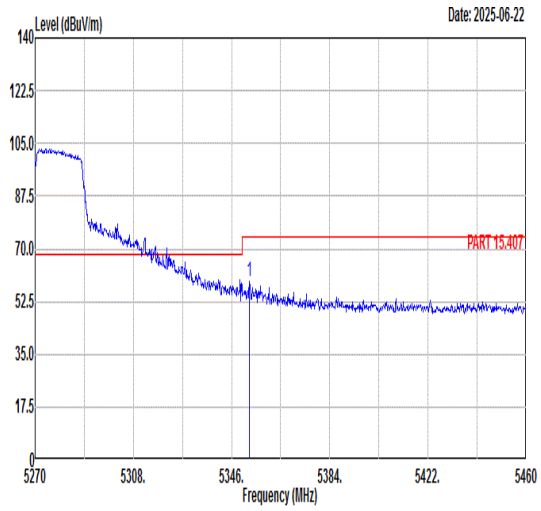
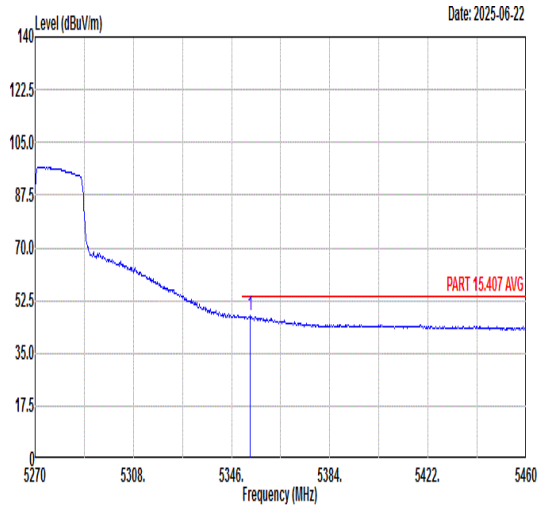
Mode	20	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_5230MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5148.58 55.12 74.00 -18.88 43.48 36.58 8.53 33.47 100 295 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5230.00 103.34 ------ ------ 91.51 36.51 8.77 33.45 100 295 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5148.81 45.59 54.00 -8.41 33.95 36.58 8.53 33.47 100 295 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5230.00 97.25 ------ ------ 85.44 36.52 8.74 33.45 100 295 AVERAGE

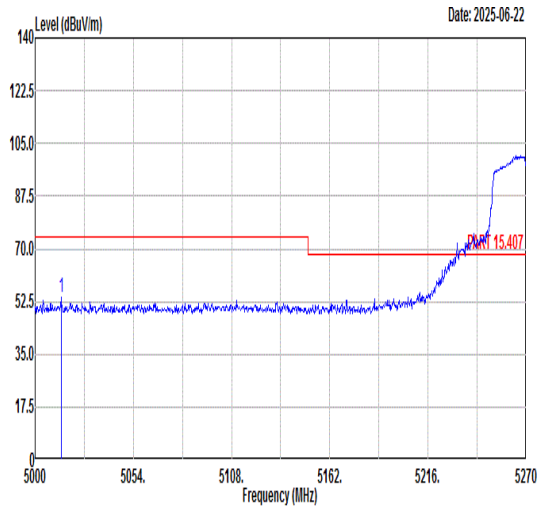
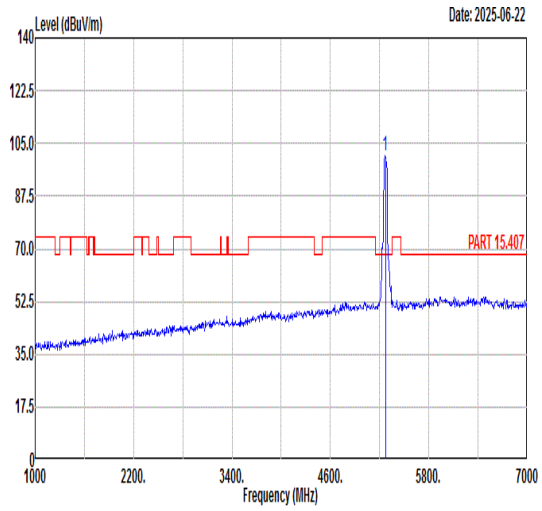
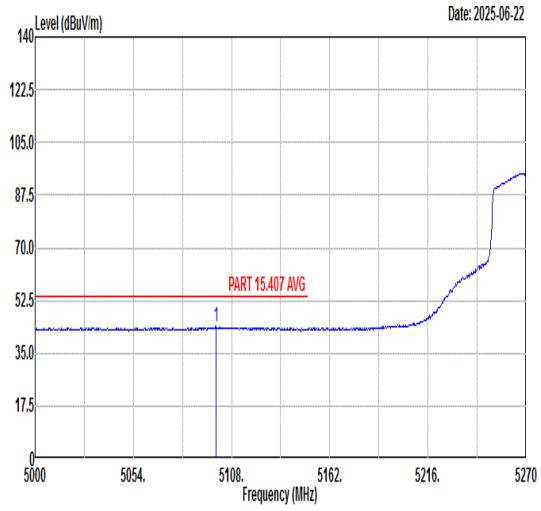
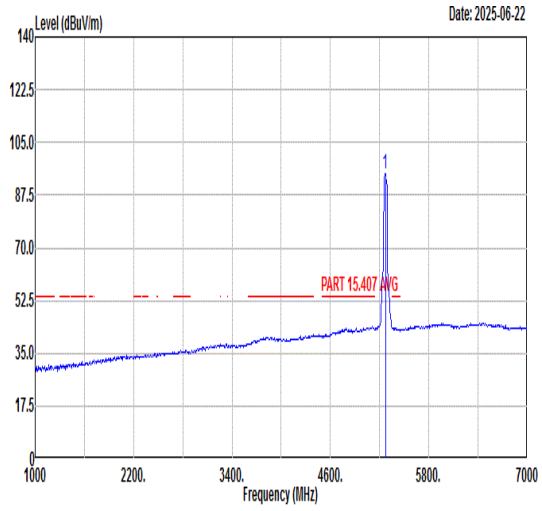
Mode	20	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_5230MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5361.33 53.51 74.00 -20.49 41.11 36.41 9.42 33.43 100 295 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5353.51 43.95 54.00 -10.05 31.58 36.42 9.38 33.43 100 295 AVERAGE	Blank

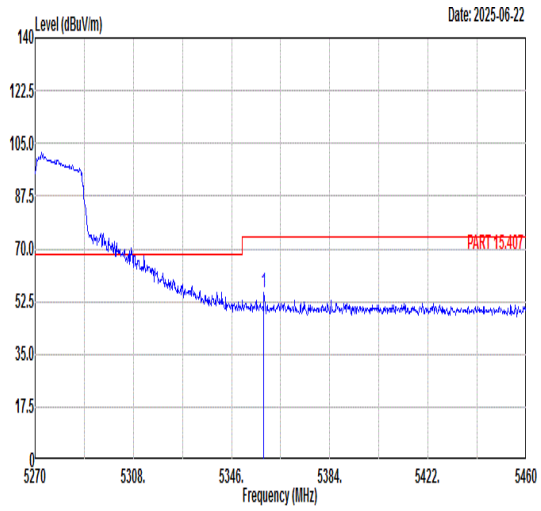
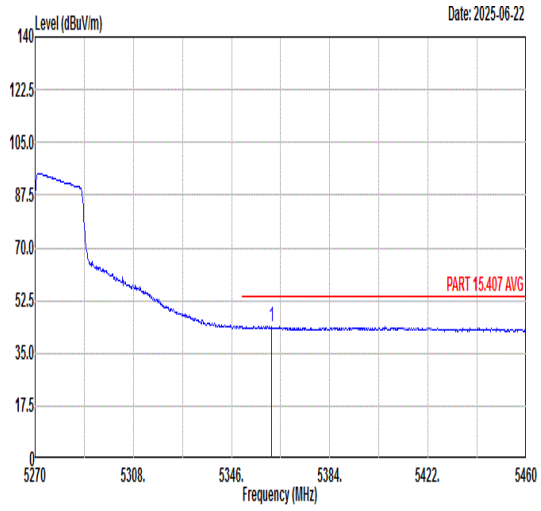
Mode	20	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_5230MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5120.98 52.56 74.00 -21.44 40.96 36.60 8.48 33.48 358 238 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5230.00 100.35 ------ ------ 88.54 36.52 8.74 33.45 358 238 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5090.16 43.81 54.00 -10.19 32.23 36.63 8.43 33.48 358 238 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5230.00 94.35 ------ ------ 82.54 36.52 8.74 33.45 358 238 AVERAGE

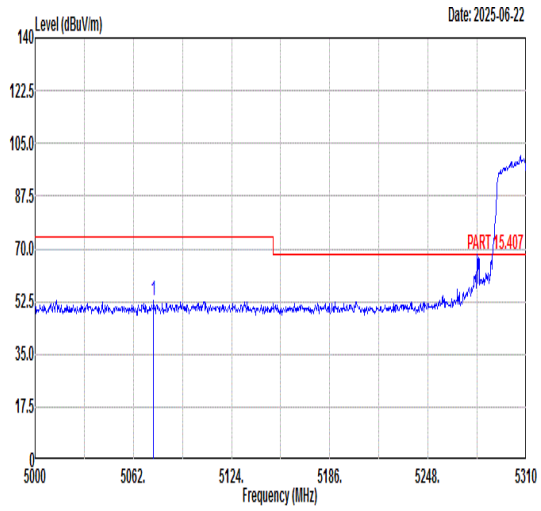
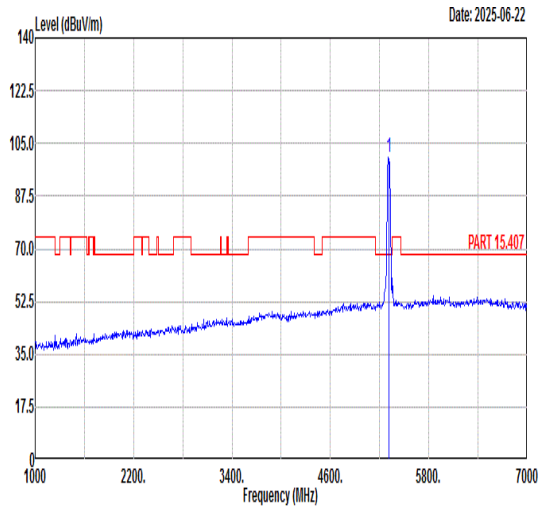
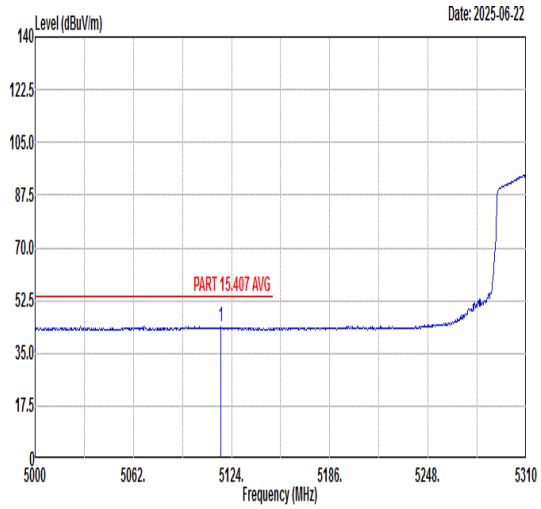
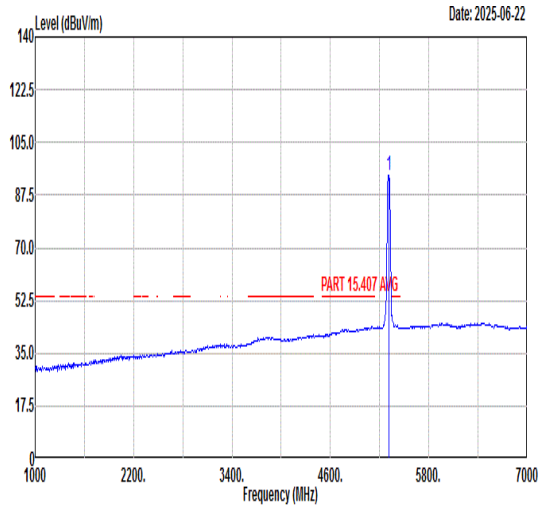
Mode	20	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_5230MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5353.74 52.07 74.00 -21.93 39.70 36.42 9.38 33.43 358 238 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5387.09 43.25 54.00 -10.75 30.72 36.39 9.56 33.42 358 238 AVERAGE	Blank

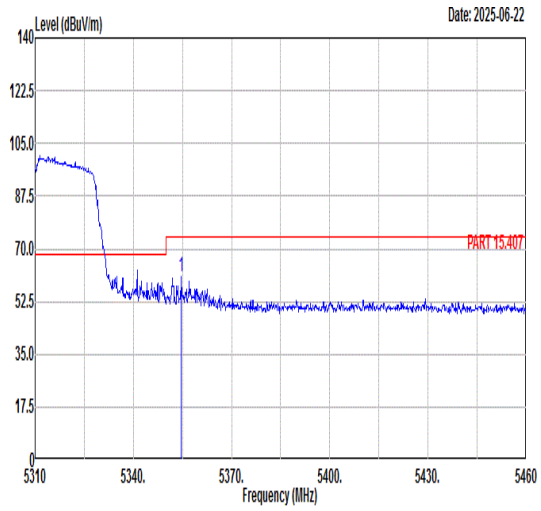
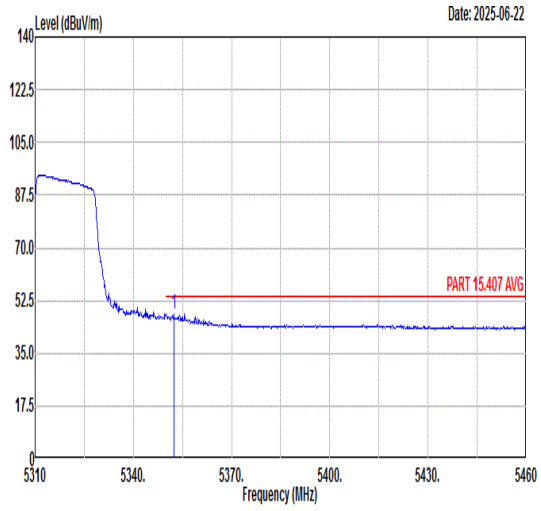
Mode	21	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_5270MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5098.28 53.26 74.00 -20.74 41.68 36.62 8.44 33.48 100 298 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5270.00 103.07 ------ ------ 91.08 36.48 8.96 33.45 100 298 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5100.71 44.25 54.00 -9.75 32.67 36.62 8.44 33.48 100 298 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5270.00 96.88 ------ ------ 84.89 36.48 8.96 33.45 100 298 AVERAGE

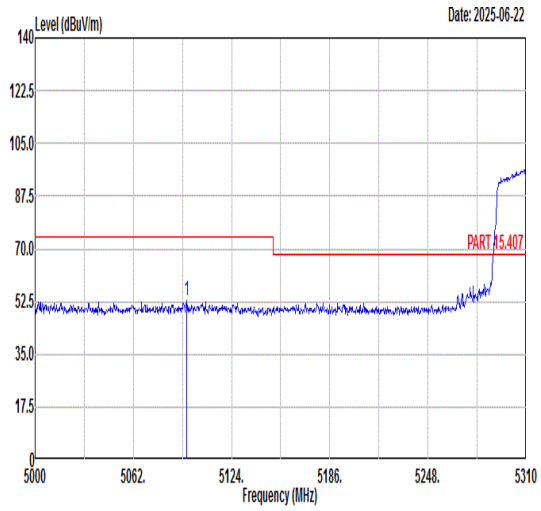
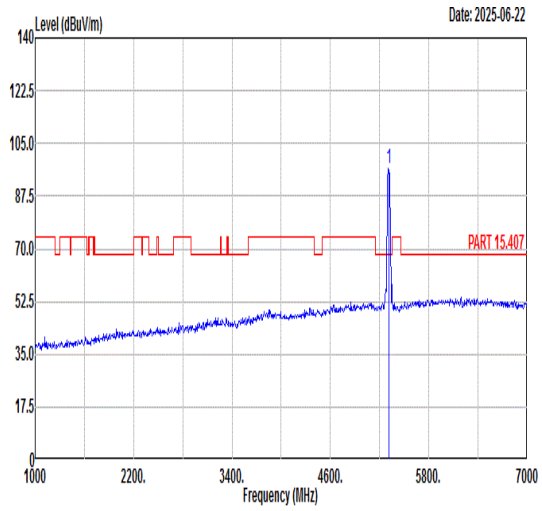
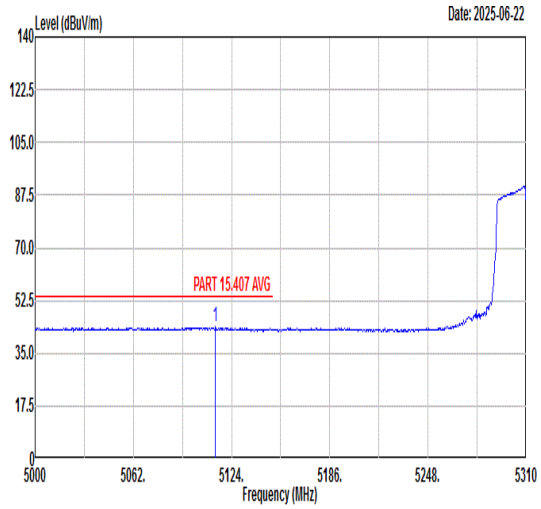
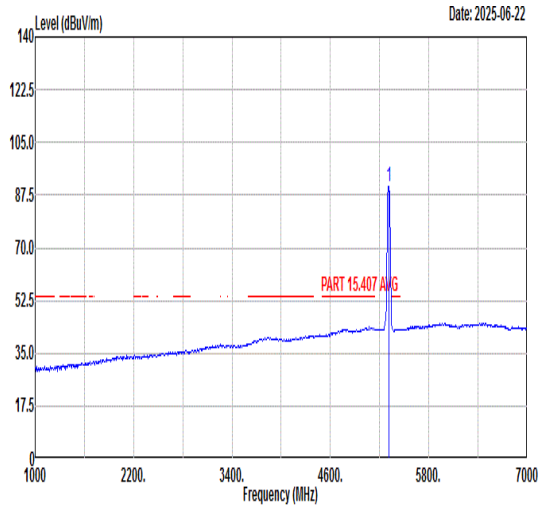
Mode	21	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_5270MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5352.84 59.43 74.00 -14.57 47.06 36.42 9.38 33.43 100 298 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5353.22 47.69 54.00 -6.31 35.32 36.42 9.38 33.43 100 298 AVERAGE	Blank

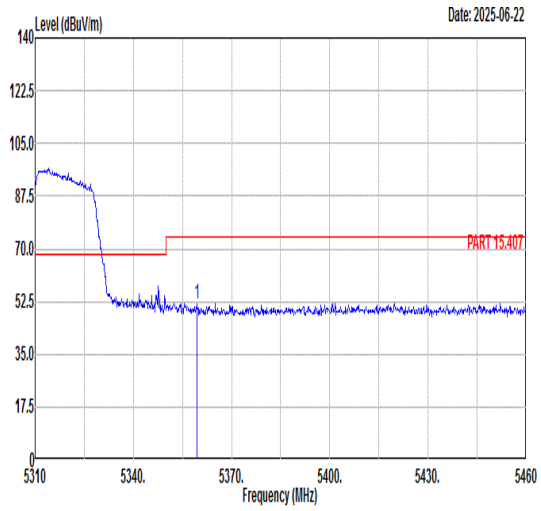
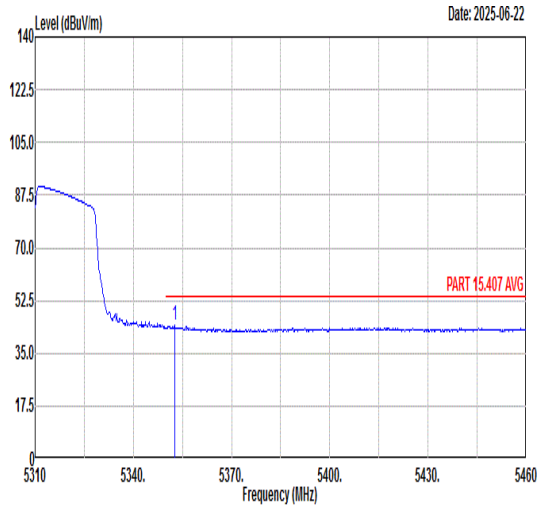
Mode	21	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_5270MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5014.31 53.63 74.00 -20.37 42.14 36.69 8.30 33.50 353 237 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5270.00 100.76 ------ ------ 88.79 36.49 8.93 33.45 353 237 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5099.36 43.75 54.00 -10.25 32.17 36.62 8.44 33.48 353 237 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5270.00 94.74 ------ ------ 82.75 36.48 8.96 33.45 353 237 AVERAGE

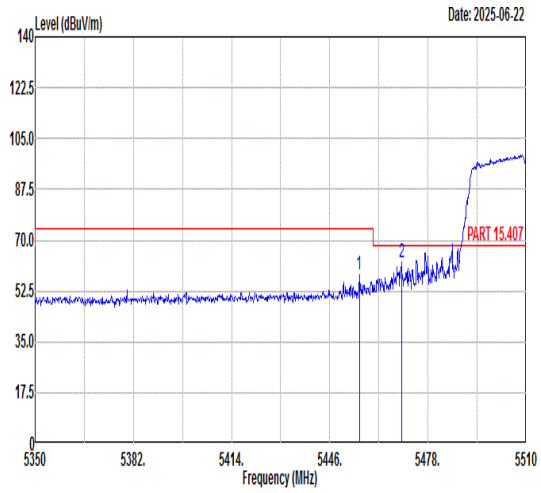
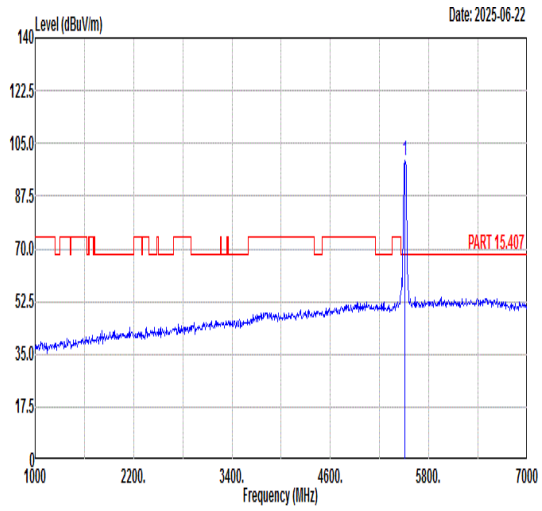
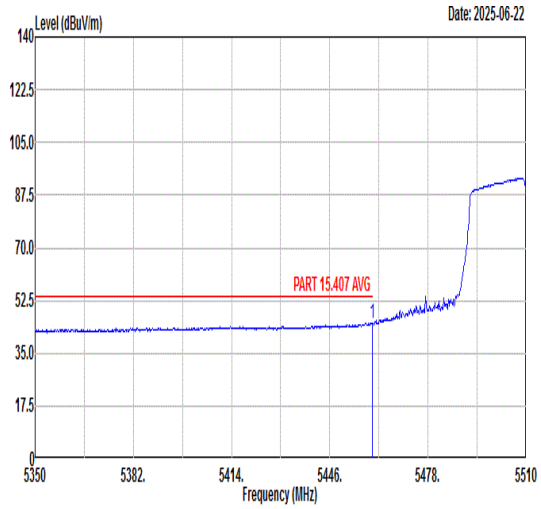
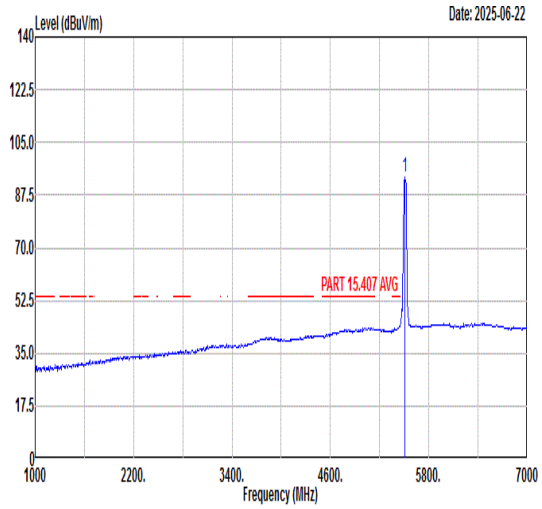
Mode	21	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_5270MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5358.54 55.38 74.00 -18.62 42.99 36.41 9.41 33.43 353 237 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5361.39 44.07 54.00 -9.93 31.67 36.41 9.42 33.43 353 237 AVERAGE	Blank

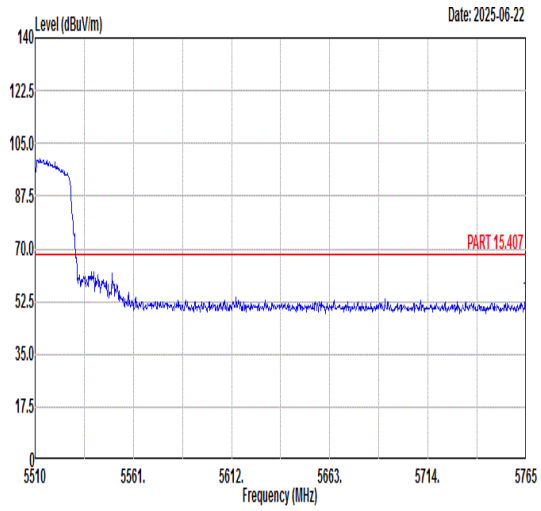
Mode	22	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_5310MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5074.71 52.90 74.00 -21.10 41.35 36.64 8.40 33.49 100 297 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5310.00 100.21 ------ ------ 88.05 36.45 9.15 33.44 100 297 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5117.18 43.77 54.00 -10.23 32.17 36.61 8.47 33.48 100 297 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5310.00 94.13 ------ ------ 81.94 36.45 9.18 33.44 100 297 AVERAGE

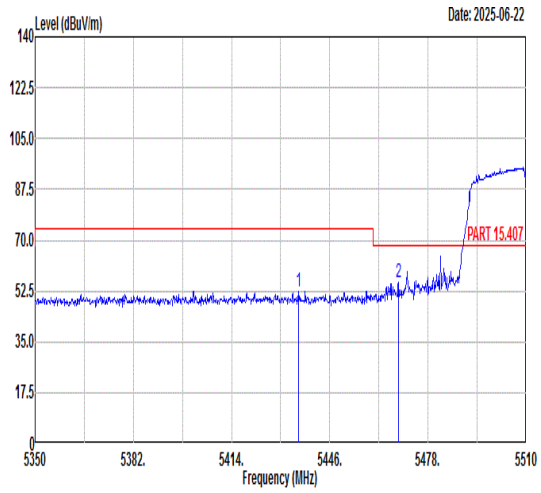
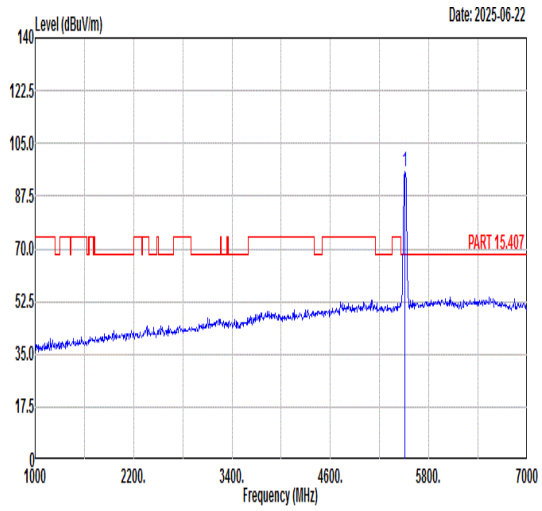
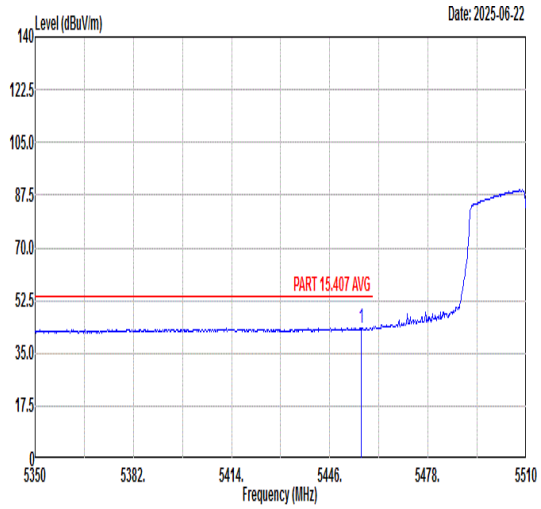
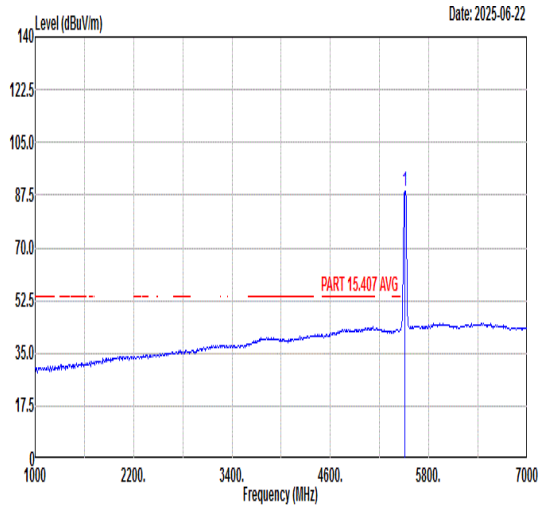
Mode	22	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_5310MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5354.70 60.53 74.00 -13.47 48.15 36.42 9.39 33.43 100 297 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5352.30 48.11 54.00 -5.89 35.74 36.42 9.38 33.43 100 297 AVERAGE	Blank

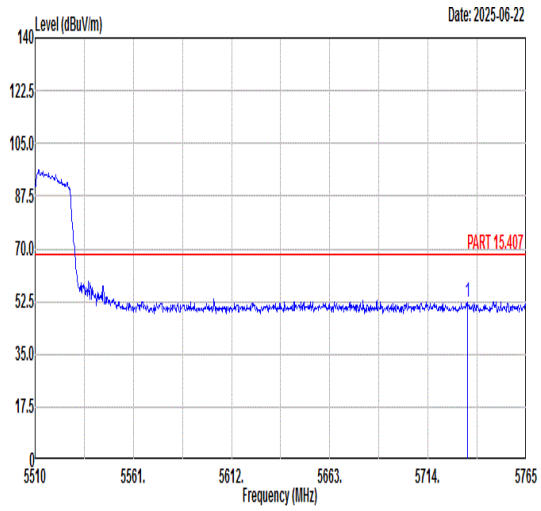
Mode	22	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_5310MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5095.79 52.96 74.00 -21.04 41.38 36.62 8.44 33.48 349 246 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5310.00 96.88 ------ ------ 84.72 36.45 9.15 33.44 349 246 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5113.77 43.67 54.00 -10.33 32.07 36.61 8.47 33.48 349 246 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5310.00 90.18 ------ ------ 77.99 36.45 9.18 33.44 349 246 AVERAGE

Mode	22	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_5310MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5359.35 51.98 74.00 -22.02 39.59 36.41 9.41 33.43 349 246 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5352.60 44.29 54.00 -9.71 31.92 36.42 9.38 33.43 349 246 AVERAGE	Blank

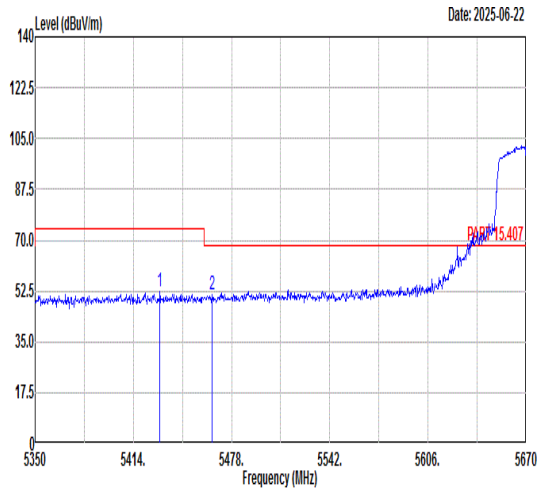
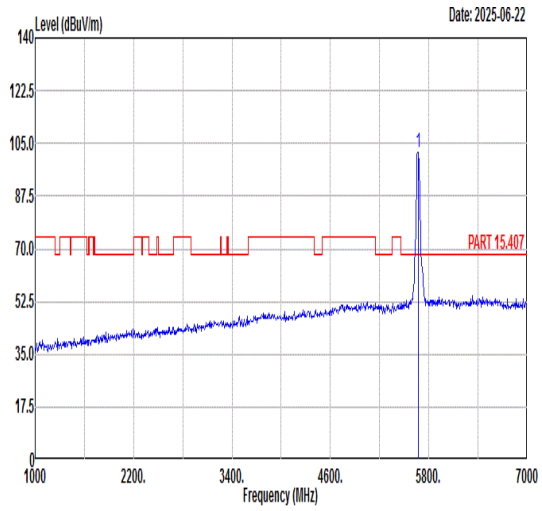
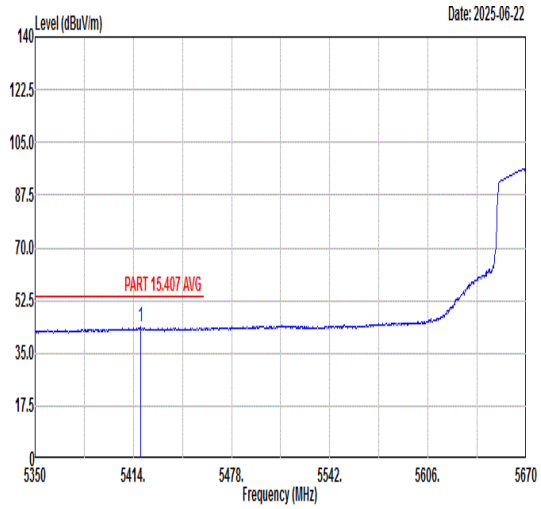
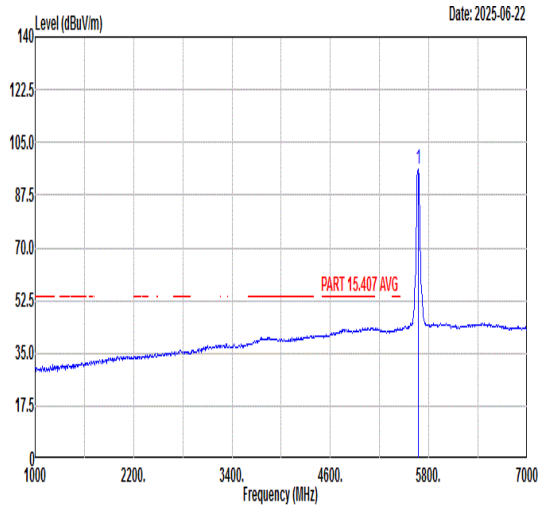
Mode	23	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_5510MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5455.60 57.93 74.00 -16.07 45.32 36.34 9.68 33.41 100 294 PEAK 2 5469.36 62.10 68.30 -6.20 49.50 36.32 9.69 33.41 100 294 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5510.00 99.41 ------ ------ 86.79 36.31 9.71 33.40 100 294 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5459.92 45.14 54.00 -8.86 32.53 36.33 9.69 33.41 100 294 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5510.00 93.27 ------ ------ 80.65 36.31 9.71 33.40 100 294 AVERAGE

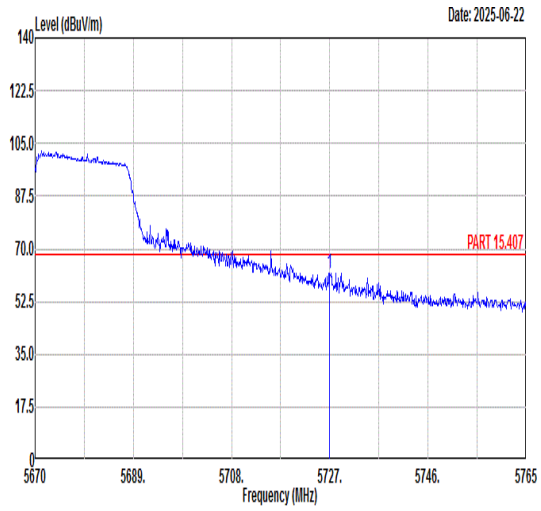
Mode	23	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_5510MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5764.49 53.20 68.30 -15.10 39.99 36.56 10.10 33.45 100 294 PEAK	Blank

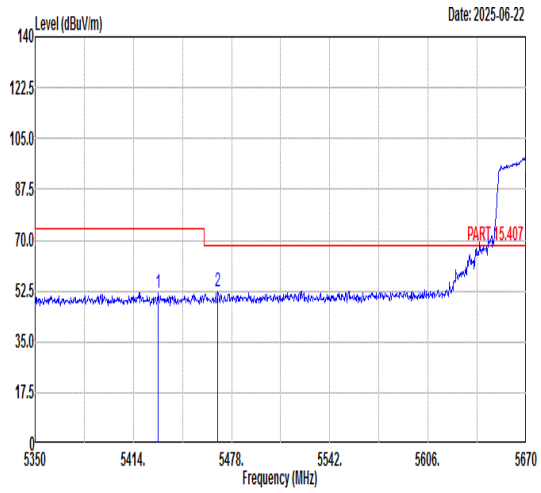
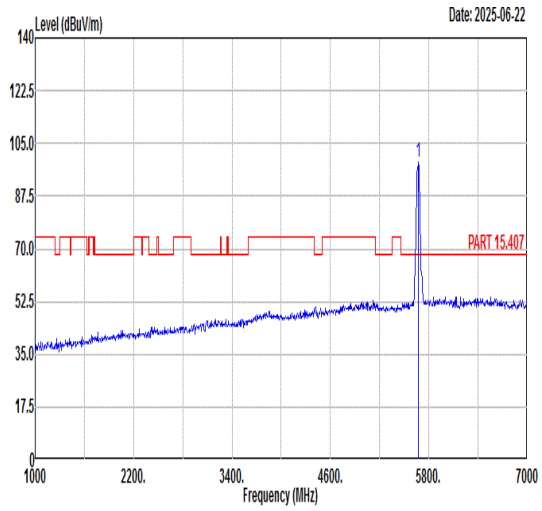
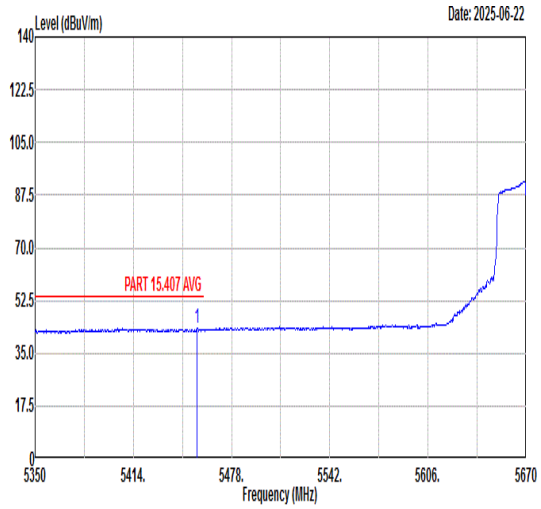
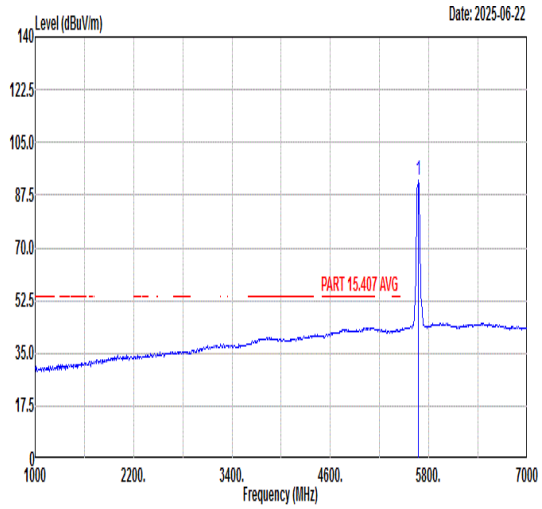
Mode	23	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_5510MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5435.76 52.34 74.00 -21.66 39.73 36.35 9.67 33.41 321 265 PEAK 2 5468.40 55.44 68.30 -12.86 42.83 36.33 9.69 33.41 321 265 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5510.00 95.40 ------ ------ 82.78 36.31 9.71 33.40 321 265 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5456.24 43.47 54.00 -10.53 30.85 36.34 9.69 33.41 321 265 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5510.00 89.02 ------ ------ 76.40 36.31 9.71 33.40 321 265 AVERAGE

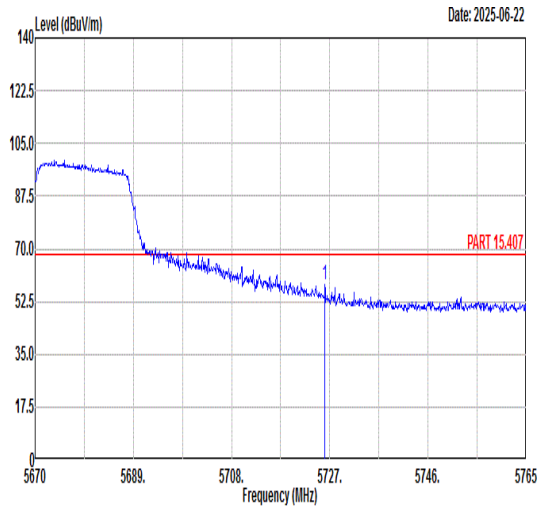
Mode	23	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_5510MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5734.40 52.38 68.30 -15.92 39.26 36.53 10.04 33.45 321 265 PEAK	Blank

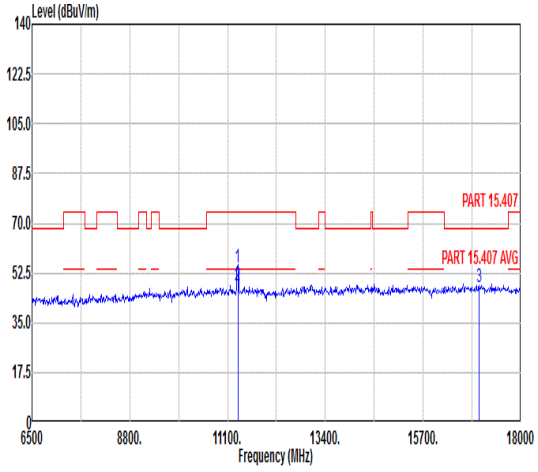
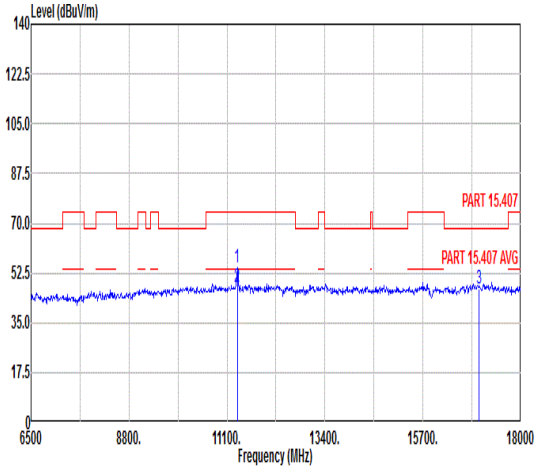
Mode	24
	Band Edge - L
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz
ANT	9

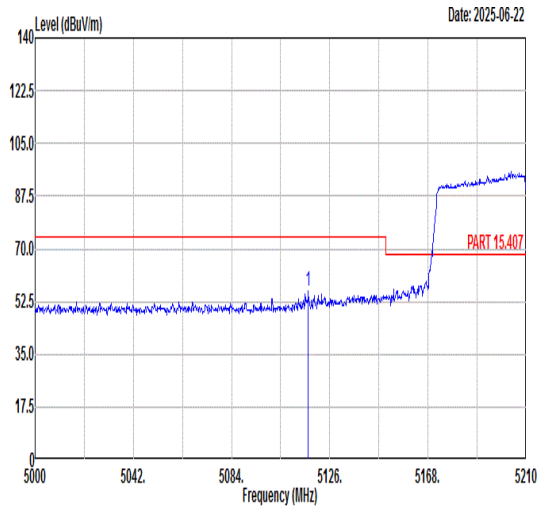
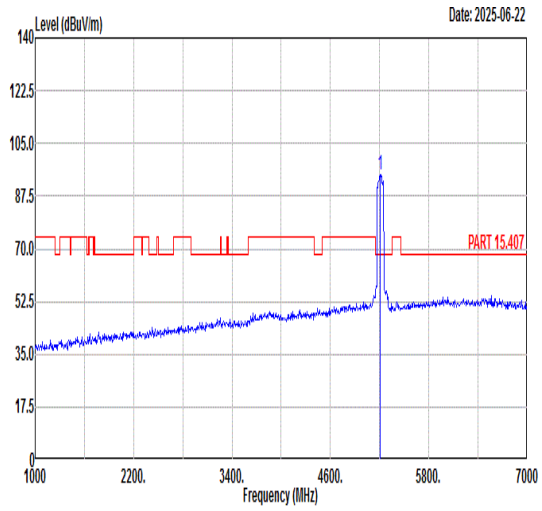
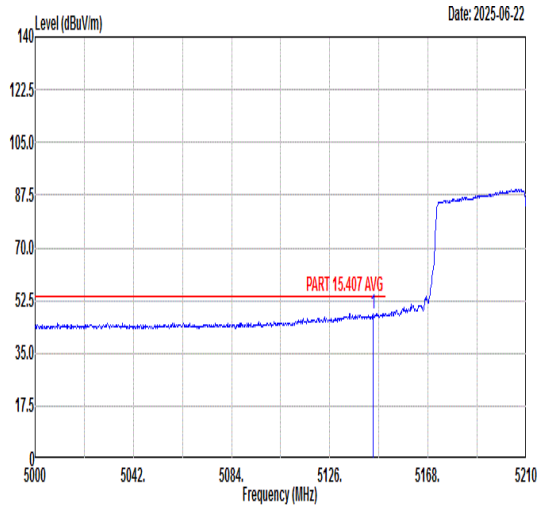
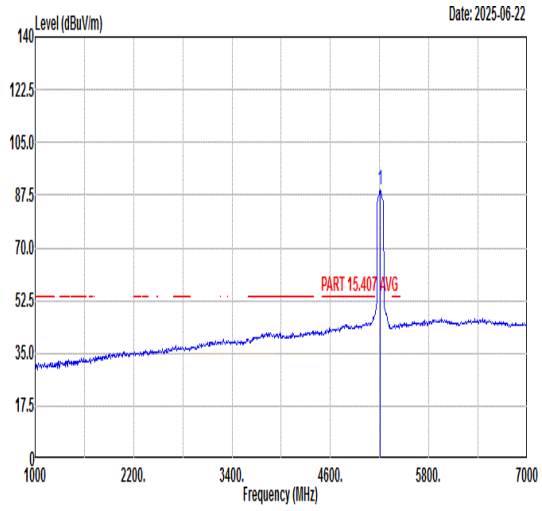
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5431.28 52.05 74.00 -21.95 39.44 36.35 9.67 33.41 100 293 PEAK 2 5465.52 51.35 68.30 -16.95 38.74 36.33 9.69 33.41 100 293 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5670.00 101.93 ------ ------ 89.01 36.46 9.89 33.43 100 293 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5418.80 43.62 54.00 -10.38 31.01 36.36 9.67 33.42 100 293 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5670.00 95.96 ------ ------ 83.02 36.47 9.90 33.43 100 293 AVERAGE

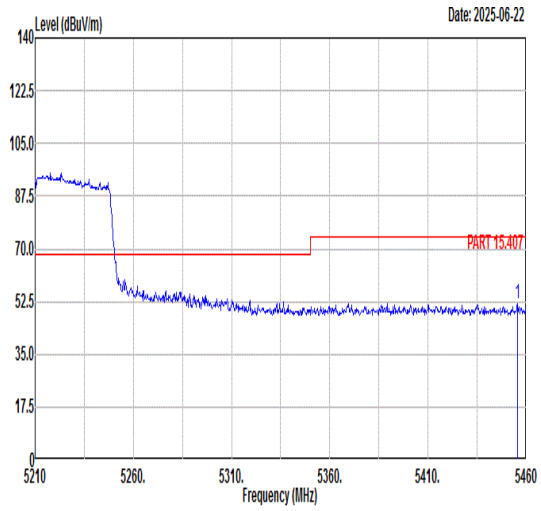
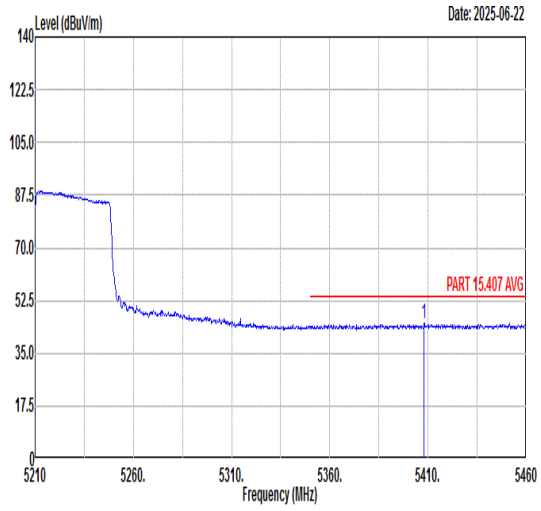
Mode	24	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5726.91 62.02 68.30 -6.28 48.92 36.53 10.02 33.45 100 293 PEAK	Blank

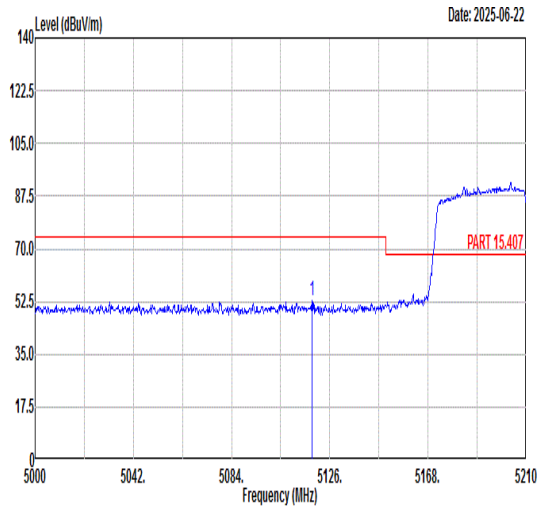
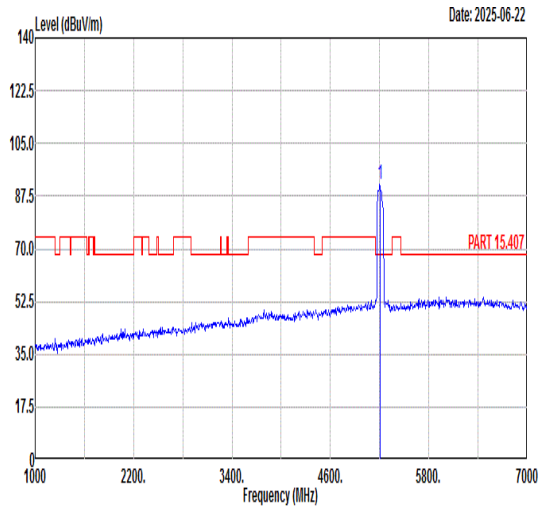
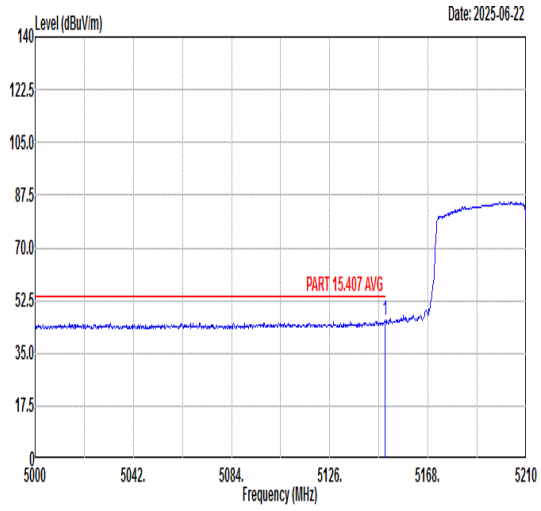
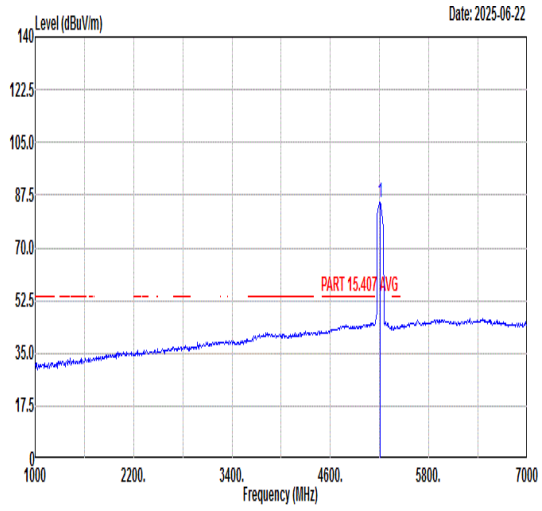
Mode	24	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5430.00 51.67 74.00 -22.33 39.05 36.36 9.67 33.41 338 264 PEAK 2 5469.04 52.05 68.30 -16.25 39.45 36.32 9.69 33.41 338 264 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5670.00 98.59 ------ ------ 85.64 36.47 9.91 33.43 338 264 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5455.28 43.24 54.00 -10.76 30.63 36.34 9.68 33.41 338 264 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5670.00 92.40 ------ ------ 79.45 36.47 9.91 33.43 338 264 AVERAGE

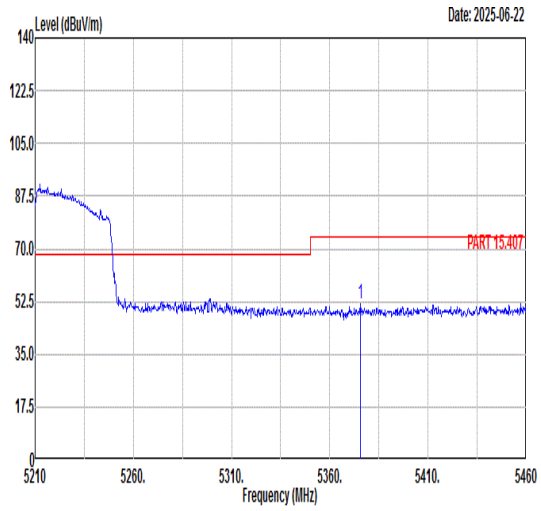
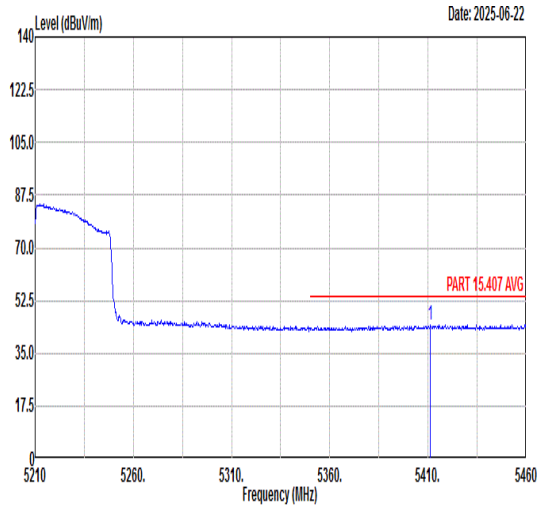
Mode	24	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5726.05 58.26 68.30 -10.04 45.16 36.53 10.02 33.45 338 264 PEAK	Blank

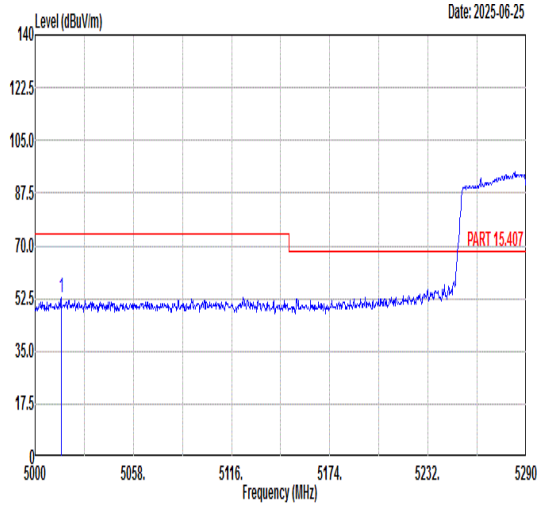
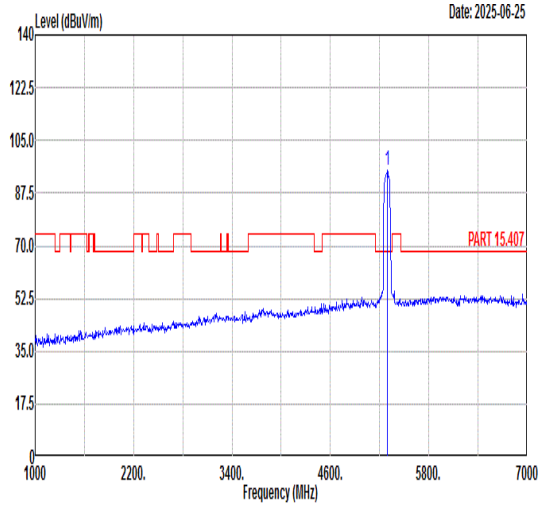
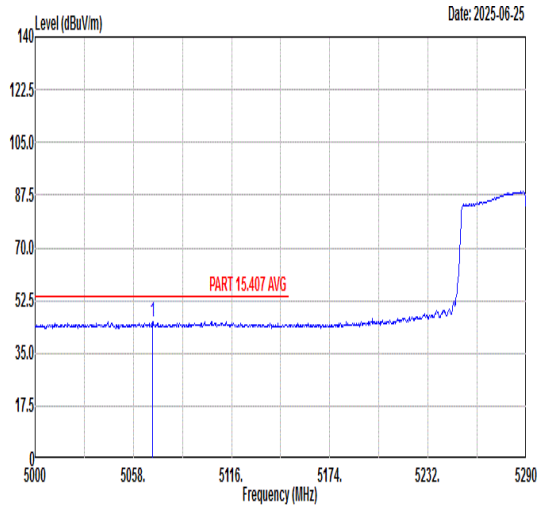
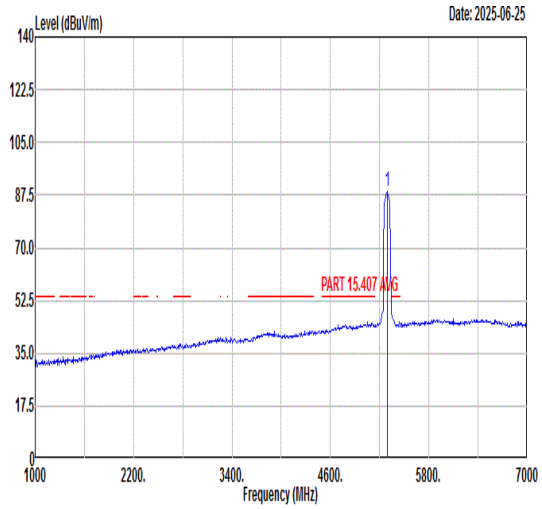
Mode	24	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11340.00 54.60 74.00 -19.40 67.17 38.40 12.77 63.74 100 269 Peak 2 11340.00 47.86 54.00 -6.14 60.43 38.40 12.77 63.74 100 269 Average 3 17010.00 47.32 68.30 -20.98 54.00 42.58 15.55 64.81 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11340.00 54.25 74.00 -19.75 66.82 38.40 12.77 63.74 100 6 Peak 2 11340.00 47.53 54.00 -6.47 60.10 38.40 12.77 63.74 100 6 Average 3 17010.00 47.23 68.30 -21.07 53.91 42.58 15.55 64.81 --- --- Peak

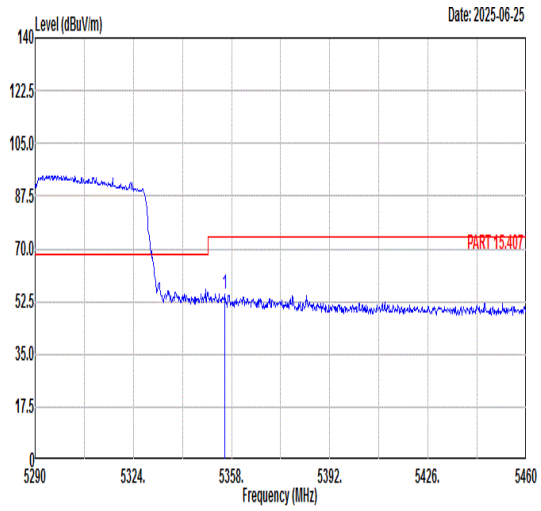
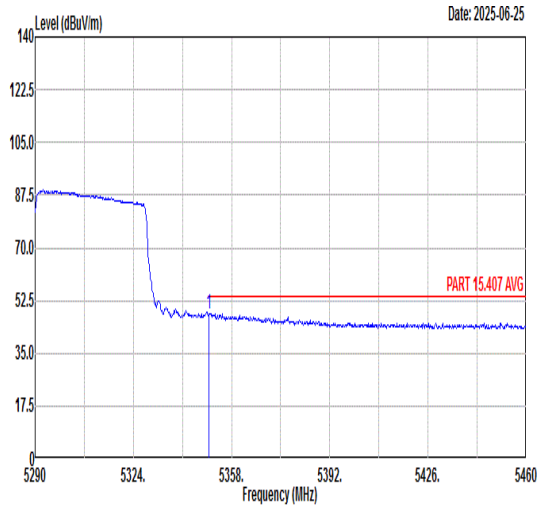
Mode	25	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5116.76 55.92 74.00 -18.08 44.32 36.61 8.47 33.48 100 297 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5210.00 94.49 ------ ------ 82.77 36.54 8.64 33.46 100 297 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5144.69 48.20 54.00 -5.80 36.56 36.58 8.53 33.47 100 297 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5210.00 89.10 ------ ------ 77.38 36.54 8.64 33.46 100 297 AVERAGE

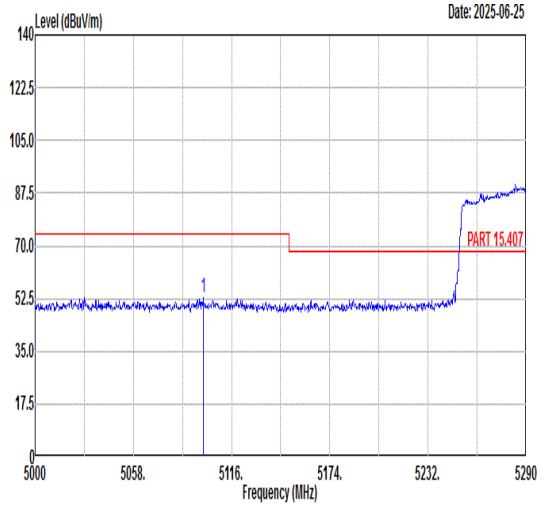
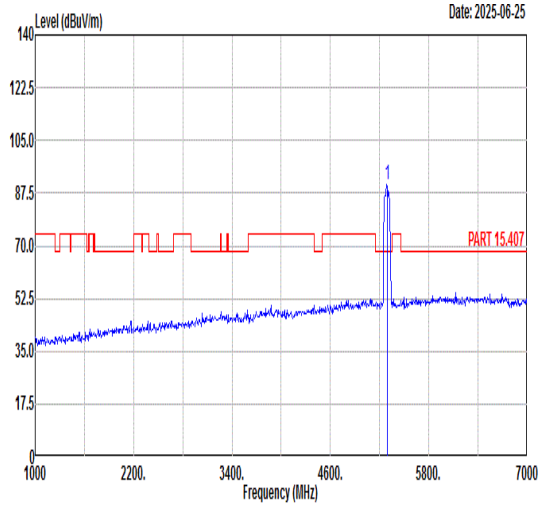
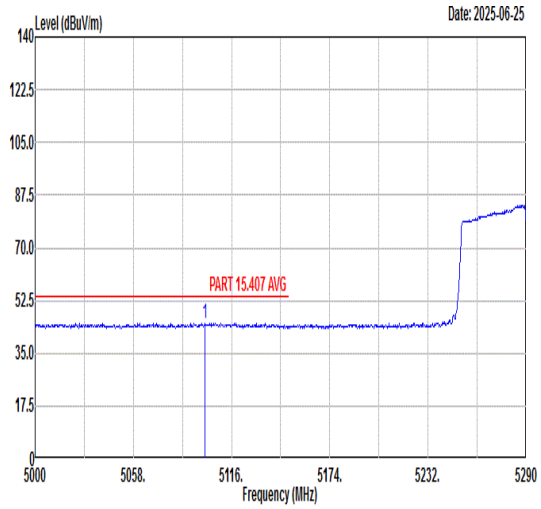
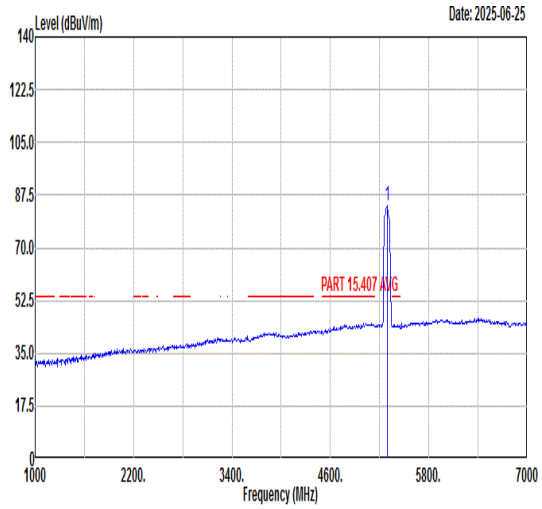
Mode	25	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5455.50 51.75 74.00 -22.25 39.14 36.34 9.68 33.41 100 297 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5408.00 44.82 54.00 -9.18 32.21 36.37 9.66 33.42 100 297 AVERAGE	Blank

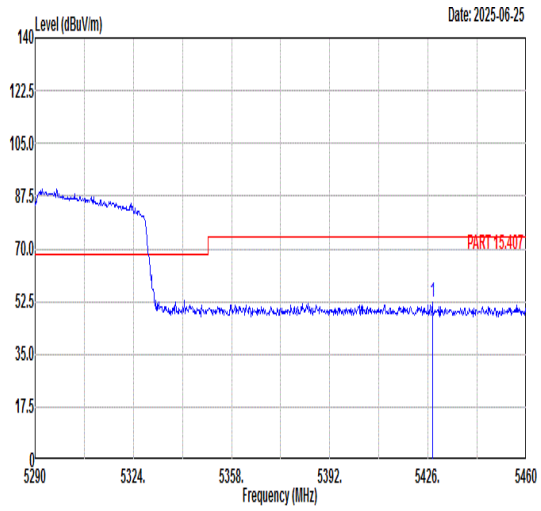
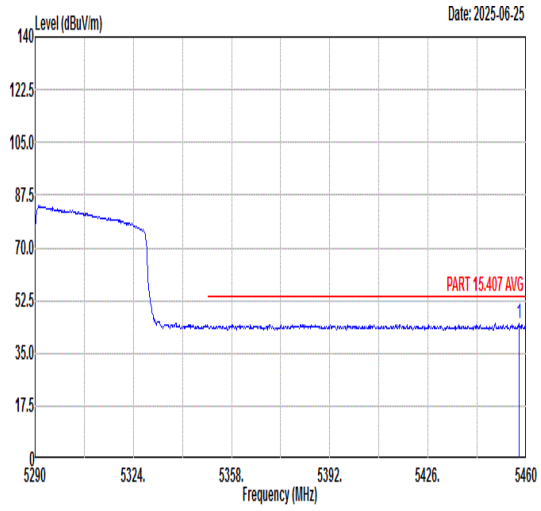
Mode	25	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5118.44 52.99 74.00 -21.01 41.38 36.61 8.48 33.48 387 240 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5210.00 91.23 ------ ------ 79.52 36.54 8.63 33.46 387 240 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.73 45.72 54.00 -8.28 34.07 36.58 8.54 33.47 387 240 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5210.00 85.07 ------ ------ 73.35 36.54 8.64 33.46 387 240 AVERAGE

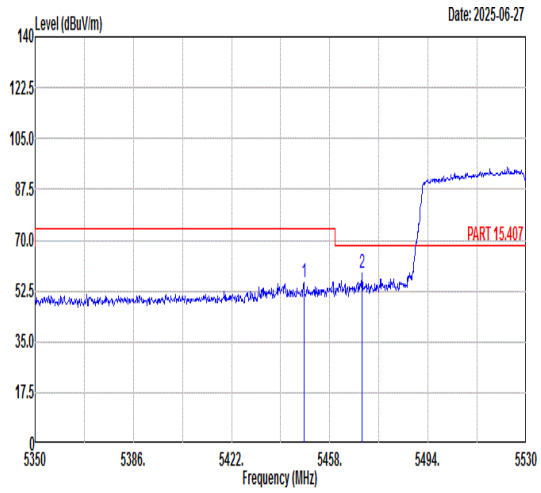
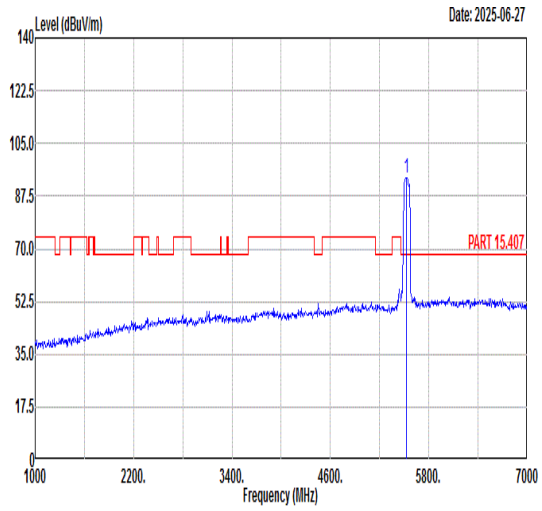
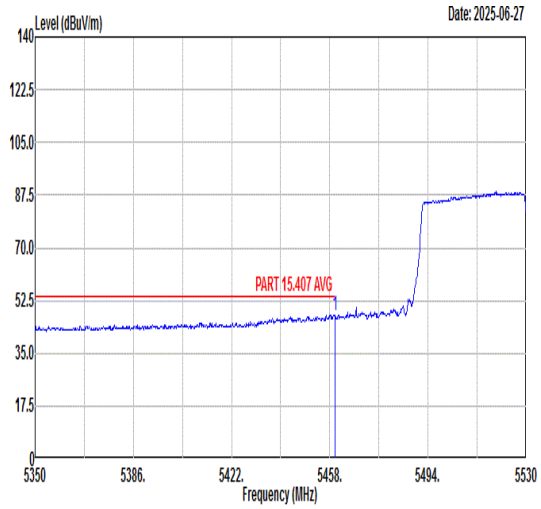
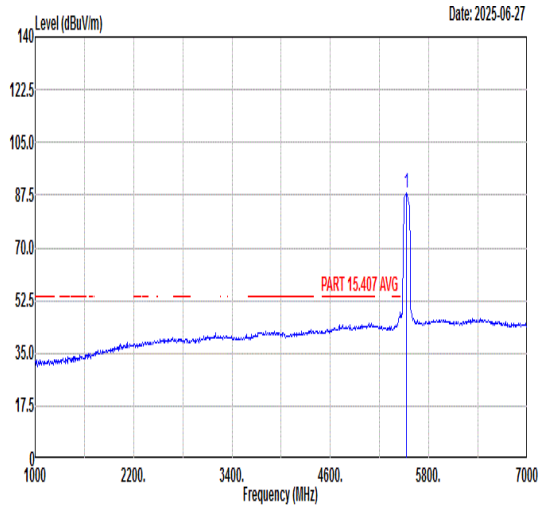
Mode	25	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5375.50 51.62 74.00 -22.38 39.14 36.40 9.50 33.42 387 240 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5411.25 44.56 54.00 -9.44 31.95 36.37 9.66 33.42 387 240 AVERAGE	Blank

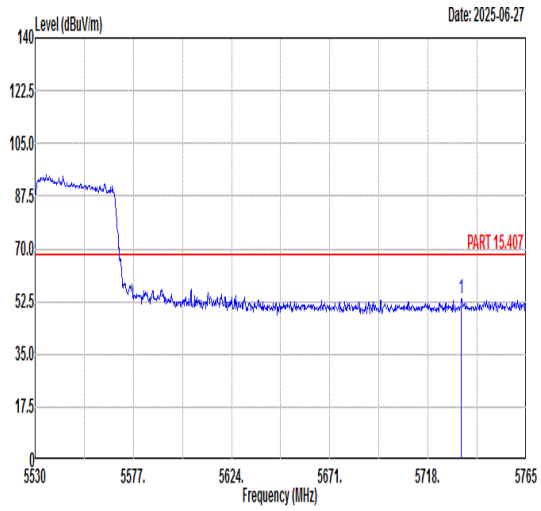
Mode	26	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5015.37 53.08 74.00 -20.92 41.60 36.69 8.29 33.50 100 298 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5290.00 95.13 ------ ------ 83.02 36.46 9.09 33.44 100 298 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5069.31 45.53 54.00 -8.47 33.99 36.64 8.39 33.49 100 298 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5290.00 88.66 ------ ------ 76.55 36.46 9.09 33.44 100 298 AVERAGE

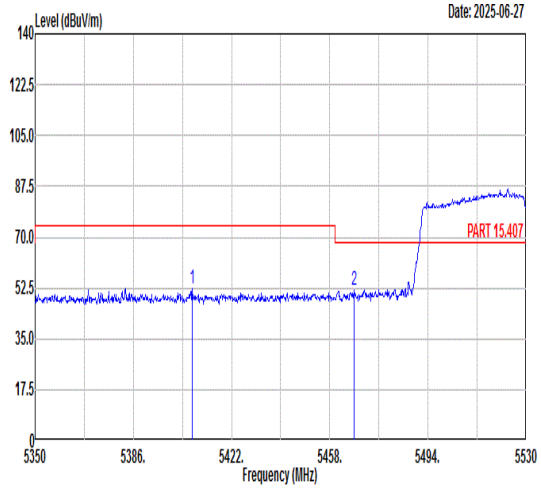
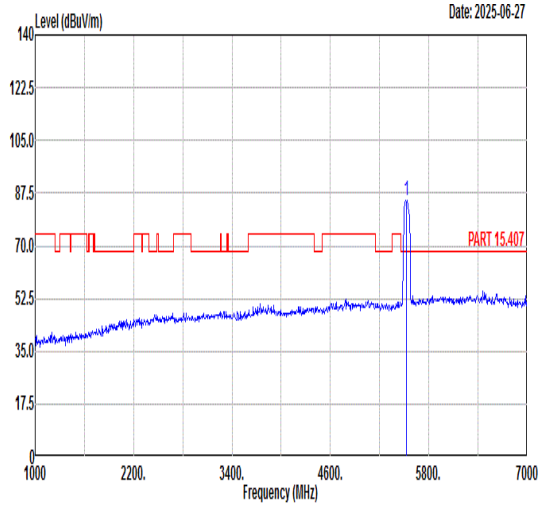
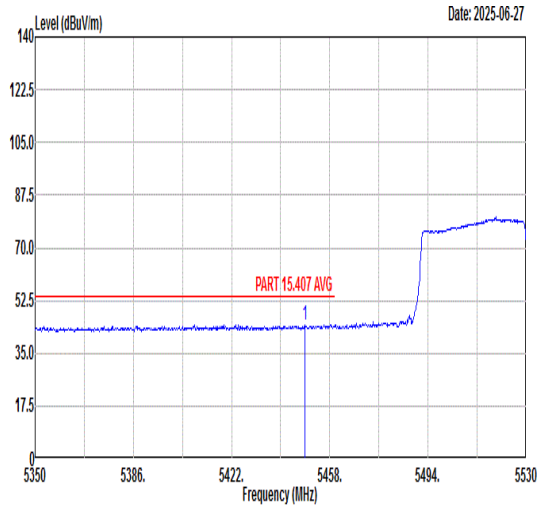
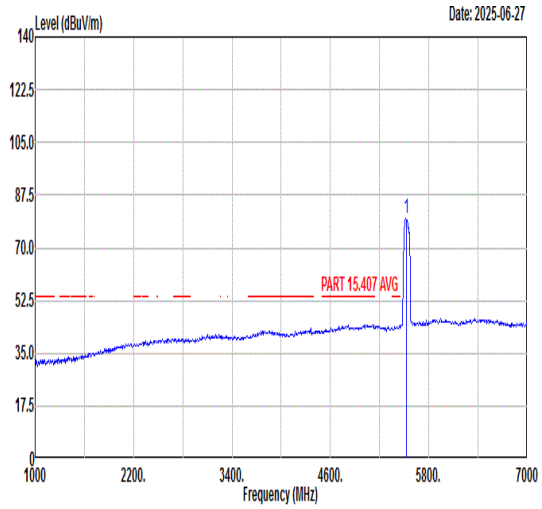
Mode	26	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5355.62 54.90 74.00 -19.10 42.52 36.42 9.39 33.43 100 298 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.18 48.21 54.00 -5.79 35.85 36.42 9.37 33.43 100 298 AVERAGE	Blank

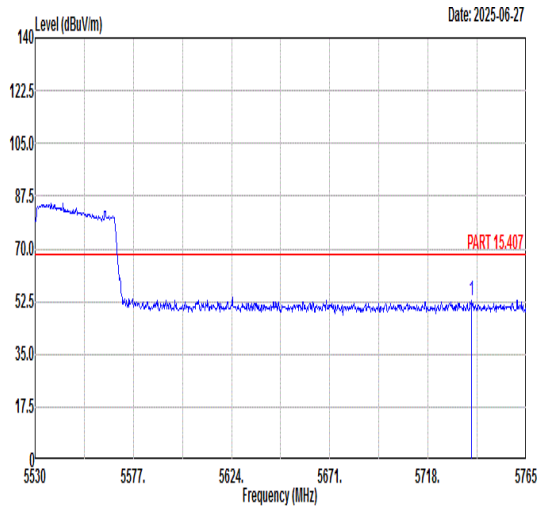
Mode	26	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5099.18 52.74 74.00 -21.26 41.16 36.62 8.44 33.48 398 264 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5290.00 90.43 ------ ------ 78.38 36.47 9.02 33.44 398 264 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5100.05 45.15 54.00 -8.85 33.57 36.62 8.44 33.48 398 264 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5290.00 83.85 ------ ------ 71.77 36.47 9.05 33.44 398 264 AVERAGE

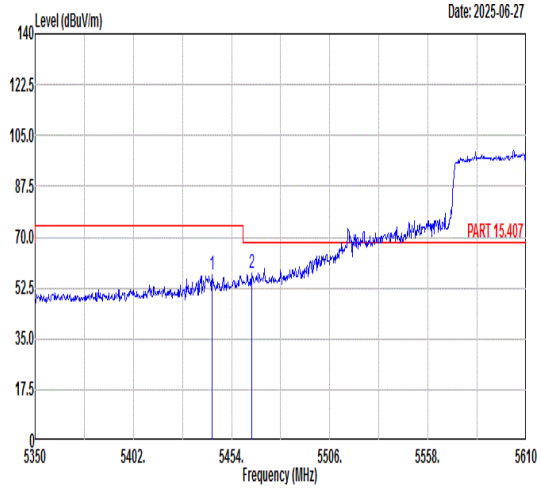
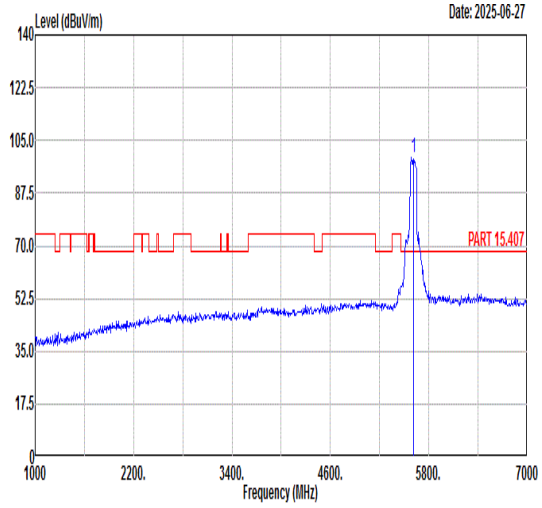
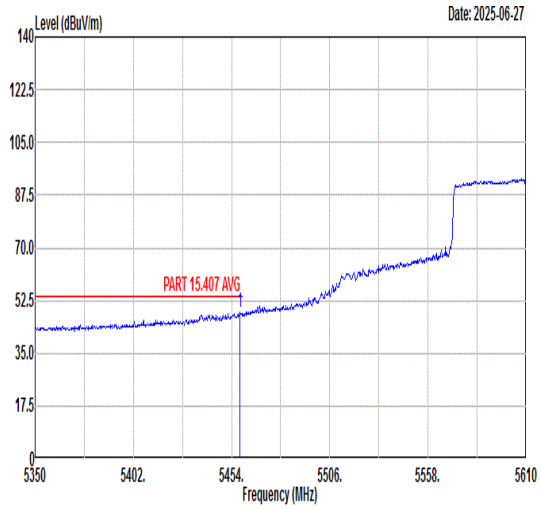
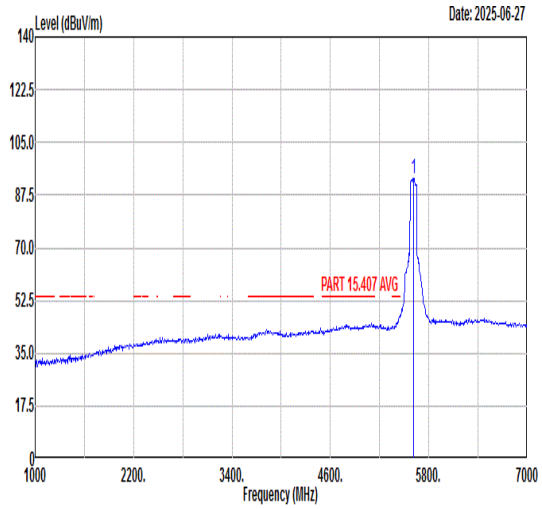
Mode	26	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5427.53 52.26 74.00 -21.74 39.64 36.36 9.67 33.41 398 264 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5457.45 44.73 54.00 -9.27 32.12 36.33 9.69 33.41 398 264 AVERAGE	Blank

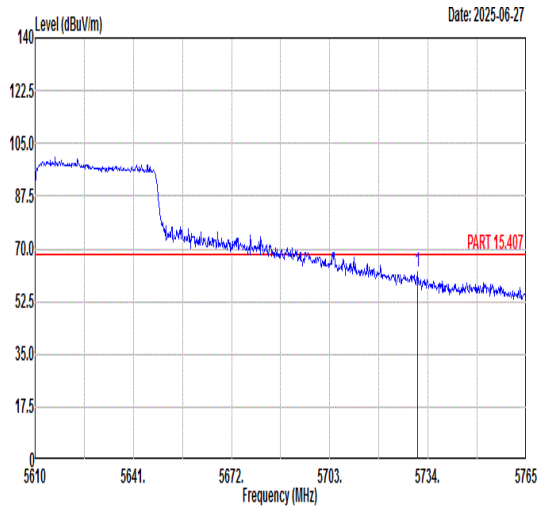
Mode	27	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_5530MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5448.46 55.34 74.00 -18.66 43.05 36.02 9.68 33.41 100 300 PEAK 2 5469.70 58.48 68.30 -9.82 46.19 36.01 9.69 33.41 100 300 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5530.00 93.52 ------ ------ 81.17 36.03 9.72 33.40 100 300 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.80 47.80 54.00 -6.20 35.50 36.02 9.69 33.41 100 300 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5530.00 88.00 ------ ------ 75.65 36.04 9.72 33.41 100 300 AVERAGE

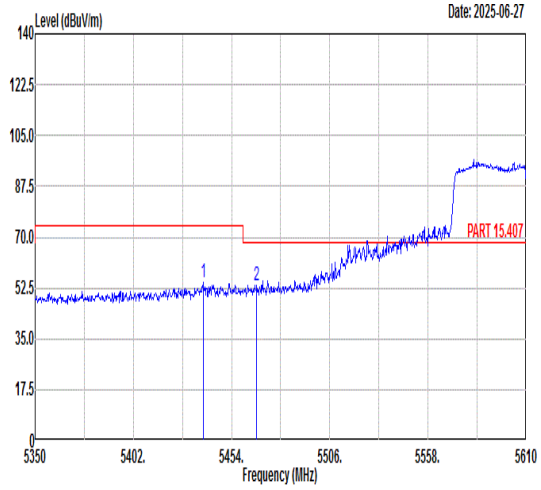
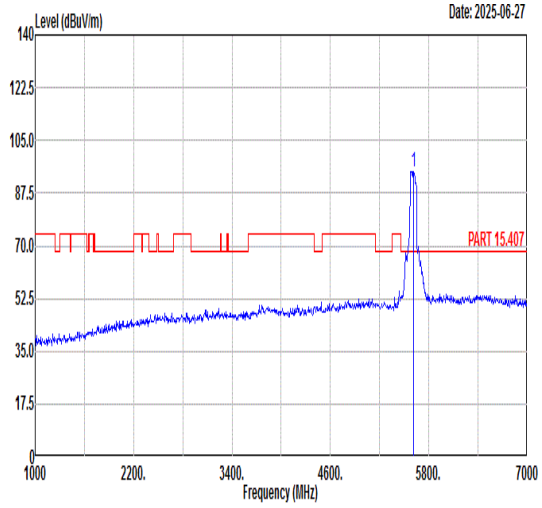
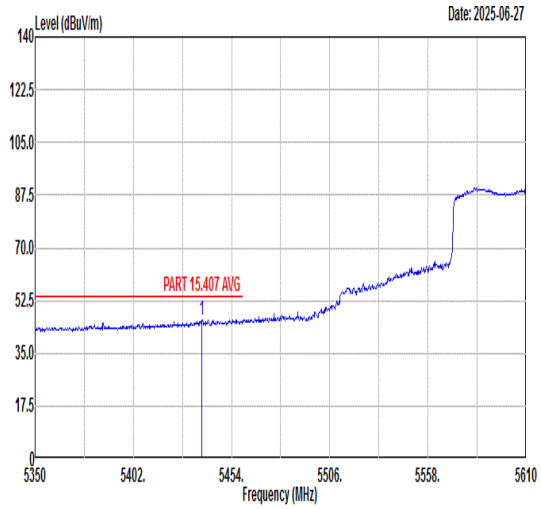
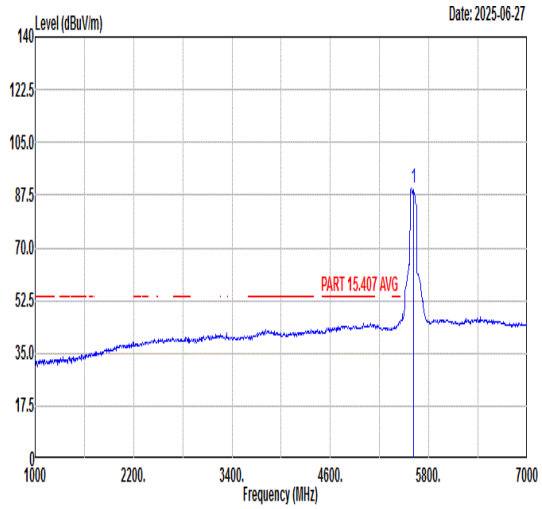
Mode	27	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_5530MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5733.98 53.48 68.30 -14.82 40.56 36.33 10.04 33.45 100 300 PEAK	Blank

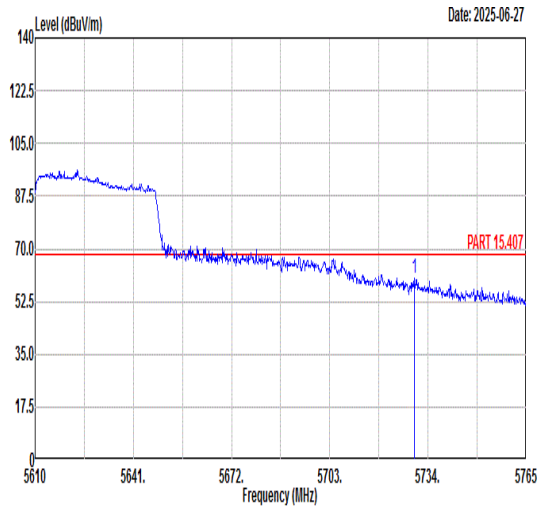
Mode	27	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_5530MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5407.60 52.41 74.00 -21.59 40.13 36.04 9.66 33.42 100 45 PEAK 2 5466.82 51.94 68.30 -16.36 39.65 36.01 9.69 33.41 100 45 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5530.00 85.09 ------ ------ 72.74 36.03 9.72 33.40 100 45 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5448.82 44.52 54.00 -9.48 32.23 36.02 9.68 33.41 100 45 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5530.00 79.81 ------ ------ 67.46 36.03 9.72 33.40 100 45 AVERAGE

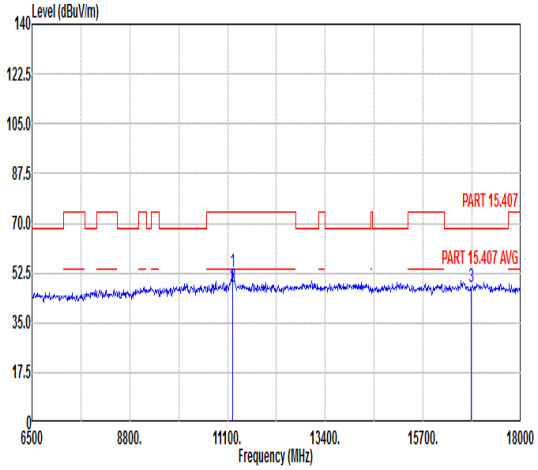
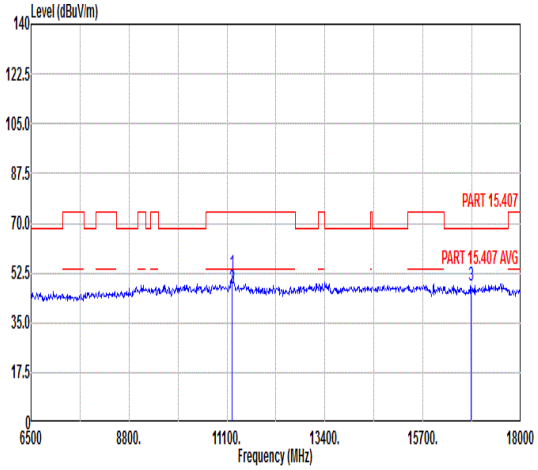
Mode	27	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_5530MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5738.92 53.08 68.30 -15.22 40.15 36.33 10.05 33.45 100 45 PEAK	Blank

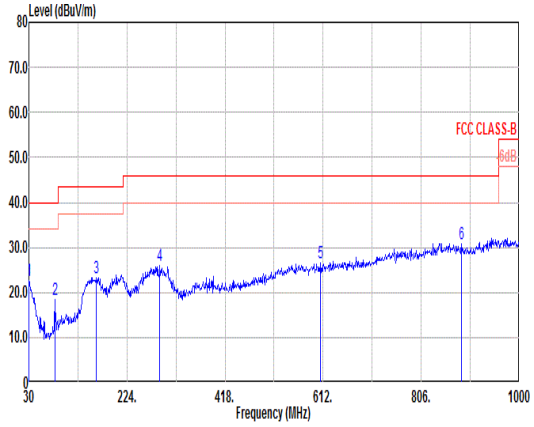
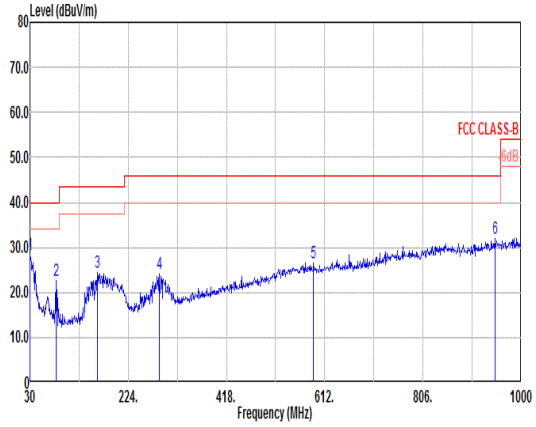
Mode	28	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5443.86 57.00 74.00 -17.00 44.71 36.02 9.68 33.41 100 292 PEAK 2 5464.66 57.53 68.30 -10.77 45.24 36.01 9.69 33.41 100 292 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5610.00 99.33 ------ ------ 86.88 36.12 9.75 33.42 100 292 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5458.42 48.41 54.00 -5.59 36.11 36.02 9.69 33.41 100 292 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5610.00 93.20 ------ ------ 80.67 36.16 9.79 33.42 100 292 AVERAGE

Mode	28	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5730.59 62.40 68.30 -5.90 49.50 36.32 10.03 33.45 100 292 PEAK	Blank

Mode	28	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5438.92 54.21 74.00 -19.79 41.92 36.02 9.68 33.41 337 272 PEAK 2 5467.26 53.20 68.30 -15.10 40.91 36.01 9.69 33.41 337 272 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5610.00 94.81 ------ ------ 82.36 36.12 9.75 33.42 337 272 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5438.40 46.12 54.00 -7.88 33.83 36.02 9.68 33.41 337 272 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5610.00 89.78 ------ ------ 77.33 36.12 9.75 33.42 337 272 AVERAGE

Mode	28	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5729.66 60.16 68.30 -8.14 47.26 36.32 10.03 33.45 337 272 PEAK	Blank

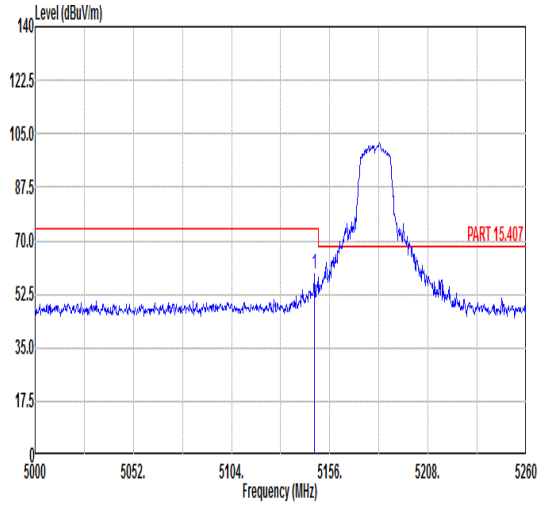
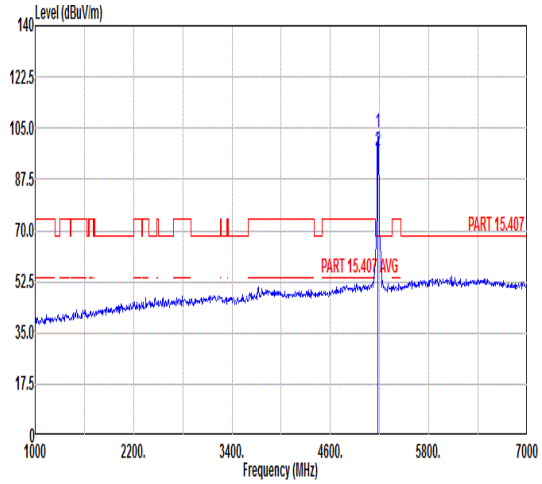
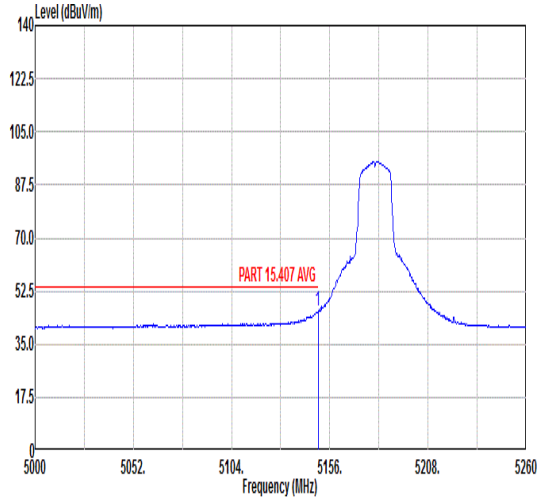
Mode	28	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11220.00 52.95 74.00 -21.05 65.55 38.37 12.68 63.65 100 271 Peak 2 11220.00 47.62 54.00 -6.38 60.22 38.37 12.68 63.65 100 271 Average 3 16830.00 47.72 68.30 -20.58 54.72 42.37 15.41 64.78 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11220.00 52.06 74.00 -21.94 64.66 38.37 12.68 63.65 100 6 Peak 2 11220.00 46.92 54.00 -7.08 59.52 38.37 12.68 63.65 100 6 Average 3 16830.00 47.93 68.30 -20.37 54.93 42.37 15.41 64.78 --- --- Peak

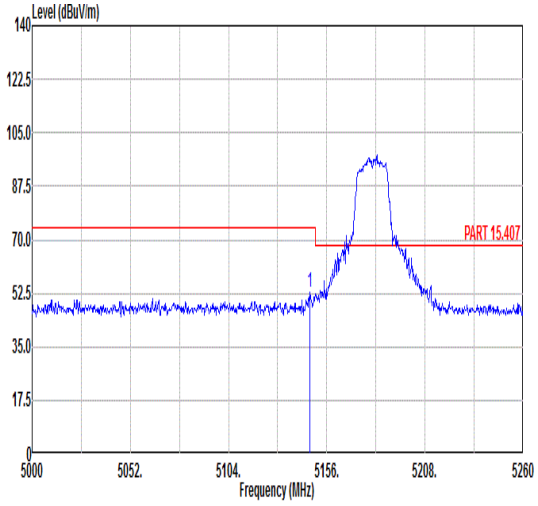
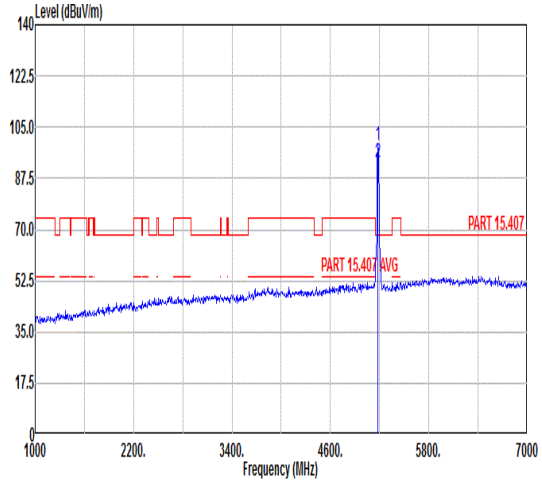
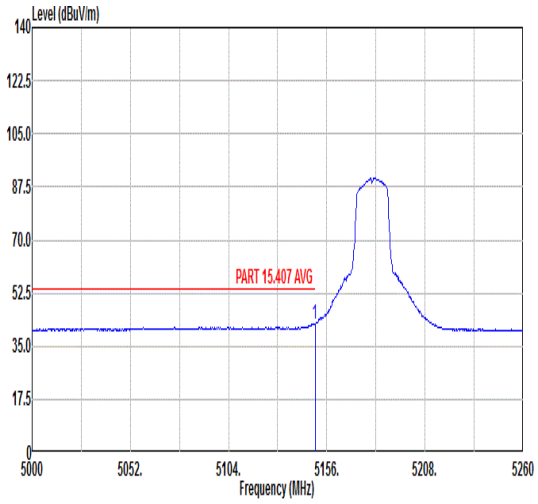
Mode	29	
	LF	
	U-NII-1_5.15-5.25_802.11a-LF_CH36_5180MHz	
ANT	9	
Pol.	Horizontal	Vertical
QP/ Peak		

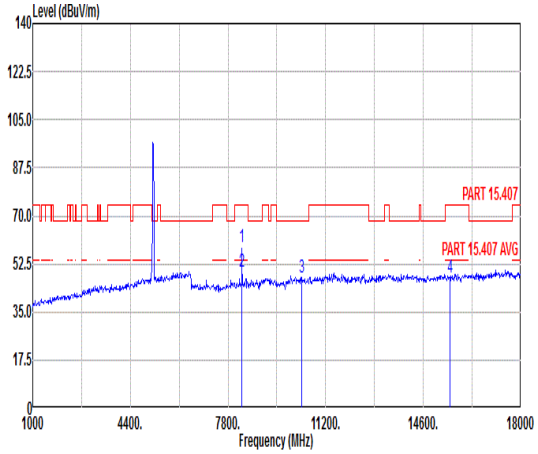
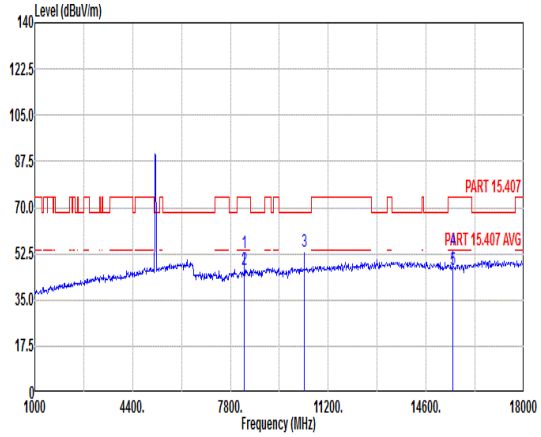
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	30.00	22.61	40.00	-17.39	28.29	25.29	0.53	31.50	---	---	Peak
2	81.41	18.36	40.00	-21.64	35.42	13.74	0.90	31.70	---	---	Peak
3	162.89	23.33	43.50	-20.17	37.32	16.28	1.30	31.57	---	---	Peak
4	288.99	26.02	46.00	-19.98	36.64	19.19	1.77	31.58	---	---	Peak
5	607.15	26.42	46.00	-19.58	28.81	26.15	2.57	31.11	---	---	Peak
6	885.54	30.87	46.00	-15.13	29.28	29.47	3.13	31.01	---	---	Peak

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	30.00	28.28	40.00	-11.72	33.96	25.29	0.53	31.50	---	---	Peak
2	82.38	22.75	40.00	-17.25	39.68	13.87	0.90	31.70	---	---	Peak
3	163.86	24.48	43.50	-19.02	38.53	16.21	1.31	31.57	---	---	Peak
4	285.11	24.14	46.00	-21.86	34.92	19.03	1.76	31.57	---	---	Peak
5	589.69	26.66	46.00	-19.34	29.14	26.12	2.54	31.14	---	---	Peak
6	947.62	31.95	46.00	-14.05	28.30	31.28	3.23	30.86	---	---	Peak

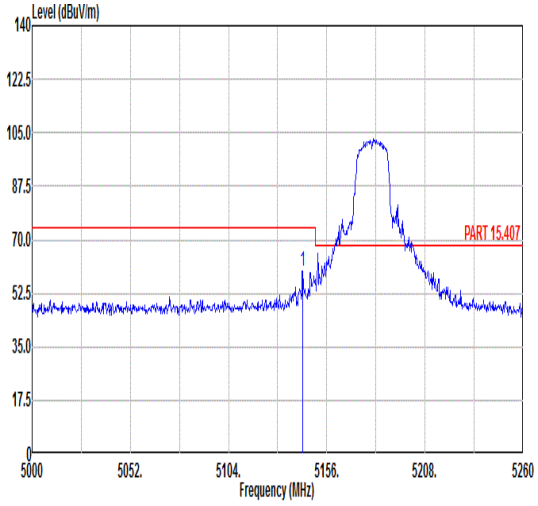
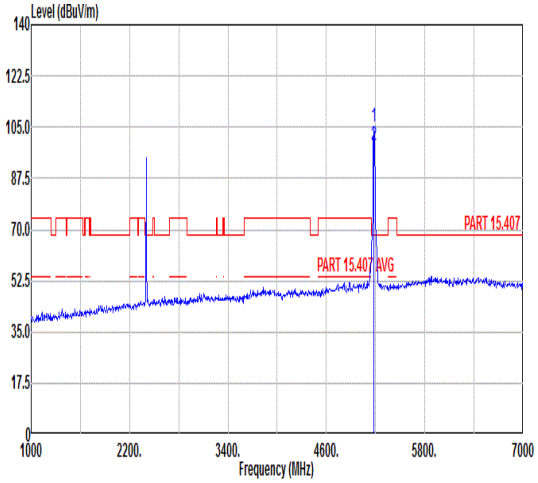
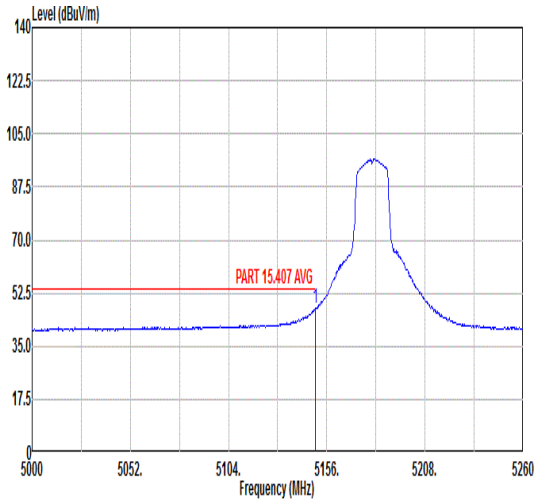
Co-location

Mode	30	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz+LTE B13 Link CO_TX	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5147.68 58.93 74.00 -15.07 48.58 35.29 8.53 33.47 100 299 Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5180.00 103.37 ------ ------ 92.93 35.31 8.59 33.46 100 299 Peak 2 5180.00 97.00 ------ ------ 86.56 35.31 8.59 33.46 100 299 Average
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5149.76 45.83 54.00 -8.17 35.47 35.29 8.54 33.47 100 299 Average	Blank

Mode	30	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz+LTE B13 Link CO_TX	
ANT	9	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5147.16 53.08 74.00 -20.92 42.73 35.29 8.53 33.47 374 240 Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5180.00 98.71 ------ ------ 88.27 35.31 8.59 33.46 374 240 Peak 2 5180.00 92.76 ------ ------ 82.32 35.31 8.59 33.46 374 240 Average
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5149.76 42.50 54.00 -11.50 32.14 35.29 8.54 33.47 374 240 Average	Blank

Mode	30	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz+LTE B13 Link CO_TX	
ANT	9	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8288.00 58.40 74.00 -15.60 44.46 37.57 10.71 34.34 100 282 Peak 2 8288.00 49.44 54.00 -4.56 35.50 37.57 10.71 34.34 100 282 Average 3 10360.00 47.50 68.30 -20.80 30.84 38.47 12.06 33.87 --- --- Peak 4 15540.00 47.42 74.00 -26.58 26.44 41.32 14.58 34.92 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 8288.00 52.68 74.00 -21.32 38.74 37.57 10.71 34.34 298 259 Peak 2 8288.00 46.61 54.00 -7.39 32.67 37.57 10.71 34.34 298 259 Average 3 10360.00 53.19 68.30 -15.11 36.53 38.47 12.06 33.87 100 198 Peak 4 15540.00 54.06 74.00 -19.94 33.08 41.32 14.58 34.92 100 268 Peak 5 15540.00 46.36 54.00 -7.64 25.38 41.32 14.58 34.92 100 268 Average

Remark: All signals exceeding the limit are fundamental frequency signals and can be ignored.

Mode	31	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz+LTE B13 Link+BLE_2M_CH1 CO_TX	
ANT	9	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5143.26 59.93 74.00 -14.07 49.59 35.29 8.52 33.47 100 300 Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5180.00 105.11 ------ ------ 94.67 35.31 8.59 33.46 100 300 Peak 2 5180.00 98.96 ------ ------ 88.52 35.31 8.59 33.46 100 300 Average
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5150.00 47.32 54.00 -6.68 36.96 35.29 8.54 33.47 100 300 Average	Blank