FCC RF Test Report

APPLICANT	:	Veea Inc.
EQUIPMENT	:	Wireless Edge Server
BRAND NAME	:	VeeaHub
MODEL NAME	:	VHC25,VHC20
FCC ID	:	2ARXK-VHC25
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Jul. 17, 2024 ~ Aug. 08, 2024

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

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

Jason Jia

Approved by: Jason Jia

ACCREDITED
Cert #5145.01

Sporton International Inc. (ShenZhen)
1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055
People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR452219B	Rev. 01	Initial issue of report	Sep. 14, 2024

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Report only	-
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 0.52 dB at 5350.17 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 11.38 dB at 0.150 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

Veea Inc.
164 E 83rd Street, NEW YORK, United States 10028

1.2 Manufacturer

Veea Inc.
164 E 83rd Street, NEW YORK, United States 10028

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Wireless Edge Server
Brand Name	VeeaHub
Model Name	VHC25,VHC20
FCC ID	2ARXK-VHC25
SN Code	Conducted: C25DCW00000000006194 Conduction: C25DCW00000000006170 Radiation: C25DCW00000000006195
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. The different model name is different for market purpose. We choice model name VHC25 for testing.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**MIMO <Ant. 1 + 3>** **<5260 MHz ~ 5320 MHz>** 802.11a : 21.51 dBm / 0.1416 W 802.11ax HE20 : 22.19 dBm / 0.1656 W 802.11ax HE40 : 22.38 dBm / 0.1730 W 802.11ax HE80 : 21.48 dBm / 0.1406 W **MIMO <Ant. 2 + 4>** **<5500 MHz ~ 5720 MHz >** 802.11a : 22.44 dBm / 0.1754 W 802.11ax HE20 : 22.66 dBm / 0.1845 W 802.11ax HE40 : 22.54 dBm / 0.1795 W 802.11ax HE80 : 22.71 dBm / 0.1866 W
99% Occupied Bandwidth	802.11a : 16.78 MHz 802.11ax HE20 : 19.28 MHz 802.11ax HE40 : 38.16 MHz 802.11ax HE80 : 77.44 MHz
Antenna Type / Gain	**<5260 MHz ~ 5320 MHz>** <Ant. 1> : PIFA Antenna with gain 3.50 dBi <Ant. 3> : PIFA Antenna with gain 3.50 dBi **<5500 MHz ~ 5720 MHz>** <Ant. 2> : PIFA Antenna with gain 3.00 dBi <Ant. 4> : PIFA Antenna with gain 2.70 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11ax: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM /1024QAM)

Note:

1. WLAN MIMO support CDD mode.
2. For 802.11n/ac & 802.11ax mode, the whole testing have assessed only 802.11ax HE20/40/80 by referring to the higher output power.
3. 802.11ax mode only supports full RU for this device, so only the full RU is evaluated.
4. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode 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	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO01-SZ TH01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH01-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24
2.	CO01-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.
- FCC KDB 662911 D01 Multiple Transmitter Output 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 (Y plane) were recorded in this report.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5500- 5720 MHz U-NII-2C	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122#	5610	128	5640
	-	-	114##	5570

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

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.

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN(5G)Link + Charging from Adapter
Remark: For Radiated Test Cases, The tests were performed with Adapter.	

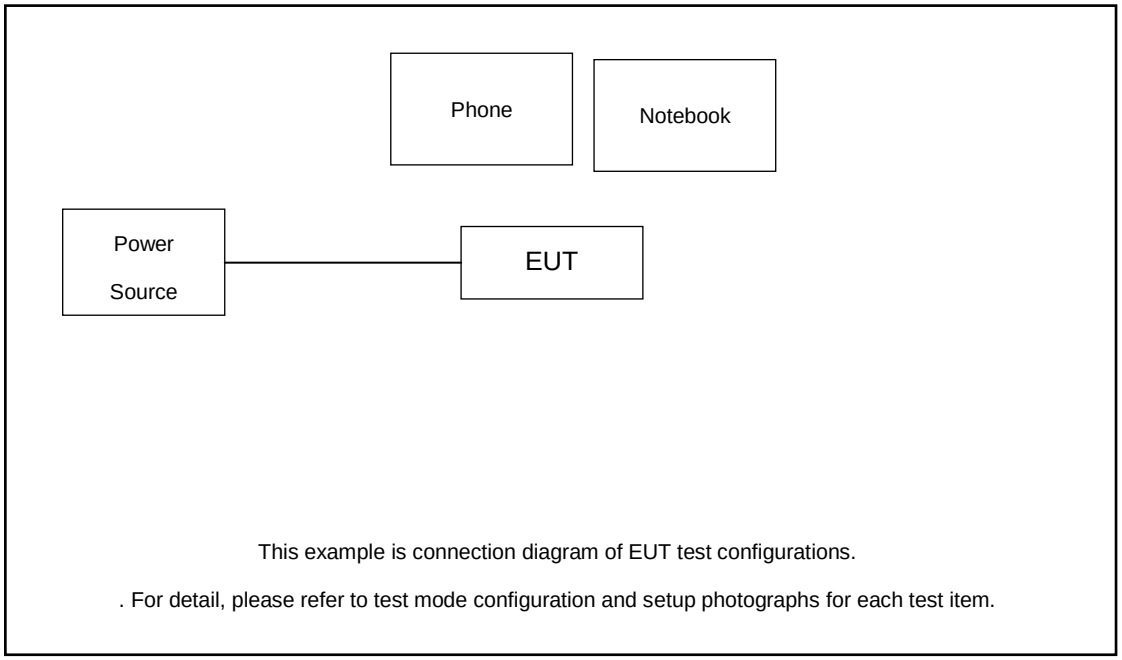
Ch. #		U-NII-2A	U-NII-2C
		20M BW	20M BW
L	Low	52	100
M	Middle	60	116
H	High	64	140
Straddle		-	144

Ch. #		U-NII-2A	U-NII-2C
		40M BW	40M BW
L	Low	54	102
M	Middle	-	110
H	High	62	134
Straddle		-	142

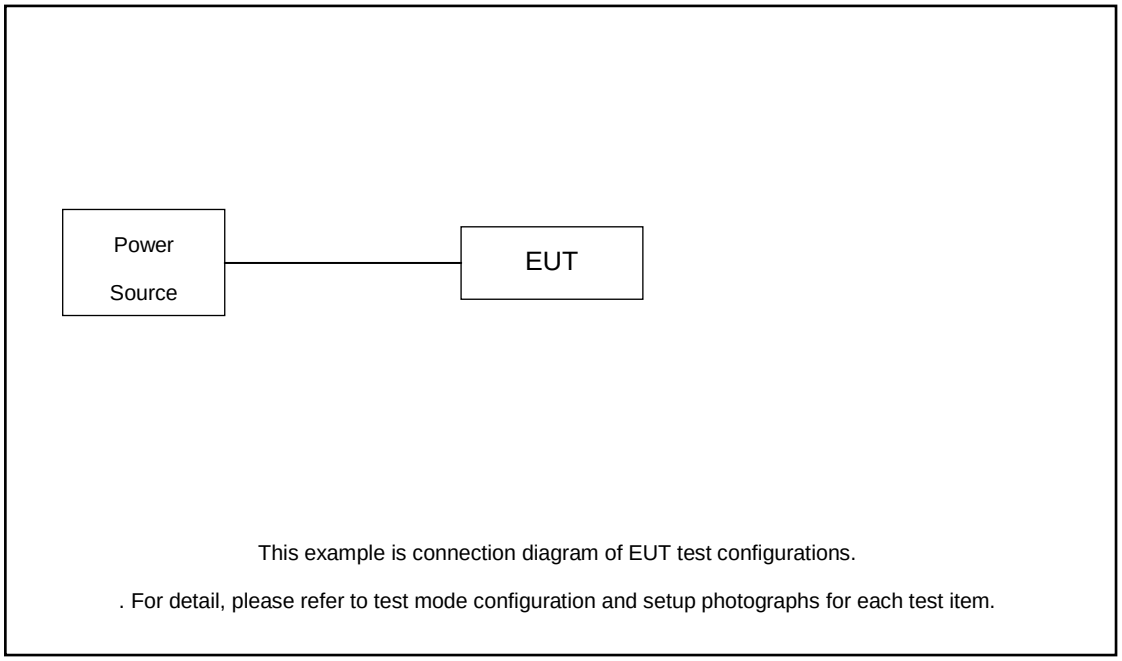
Ch. #		U-NII-2A	U-NII-2C
		80M BW	80M BW
L	Low	-	106
M	Middle	58	-
H	High	-	122
Straddle		-	138

2.3 Connection Diagram of Test System

<AC Conducted Emission>



<Radiated Spurious Emission>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Phone	Oneplus	N/A	N/A	N/A	N/A
2.	Notebook	Lenovo	E540	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

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

For AC power line conducted emissions, the EUT was set to connect with the Notebook 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 2.8 dB and 10dB attenuator.

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

= 2.8 + 10 = 12.8 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

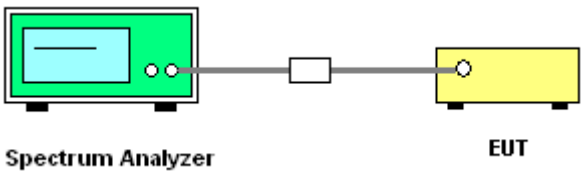
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

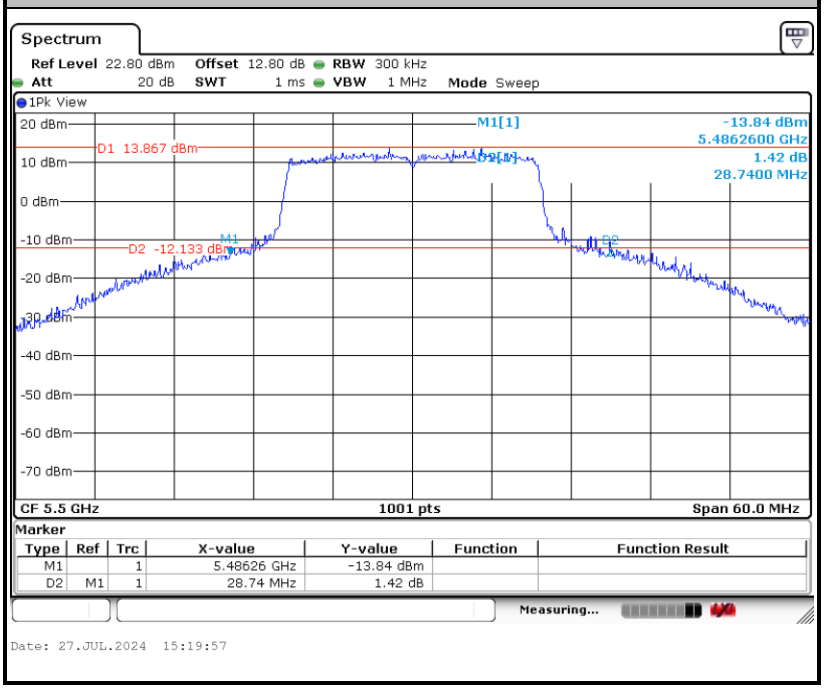
3.1.4 Test Setup



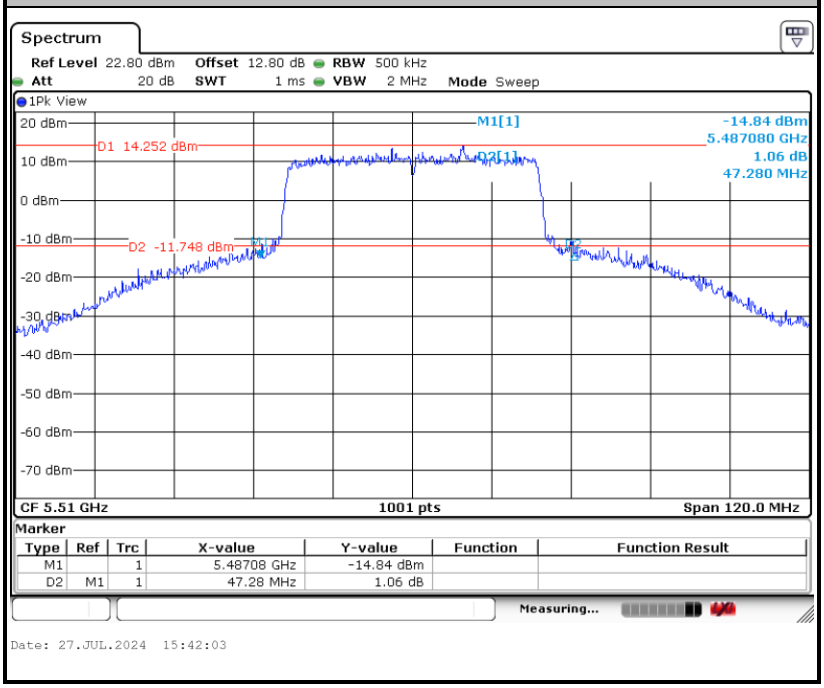
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

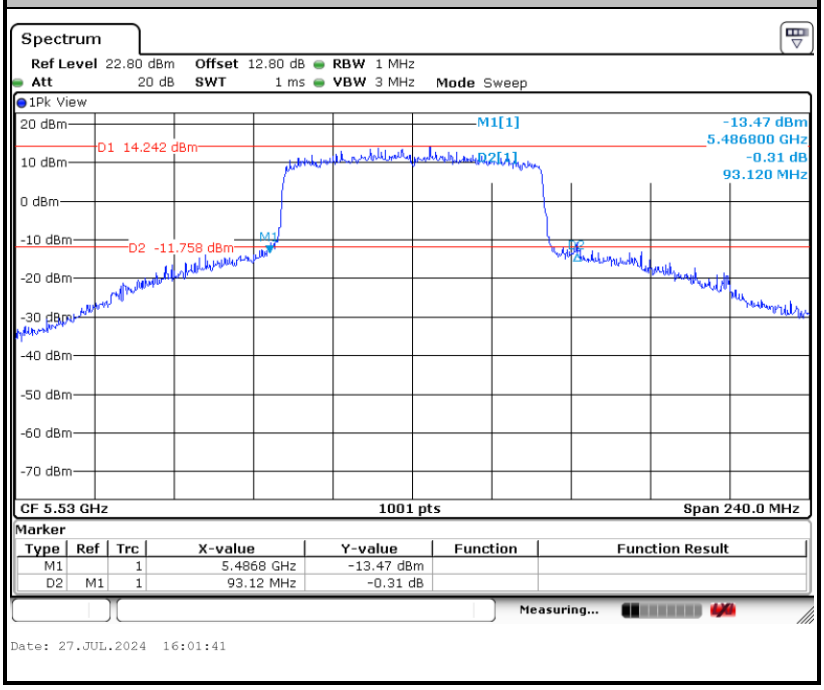
Maximum 26dB Bandwidth for 20M BW



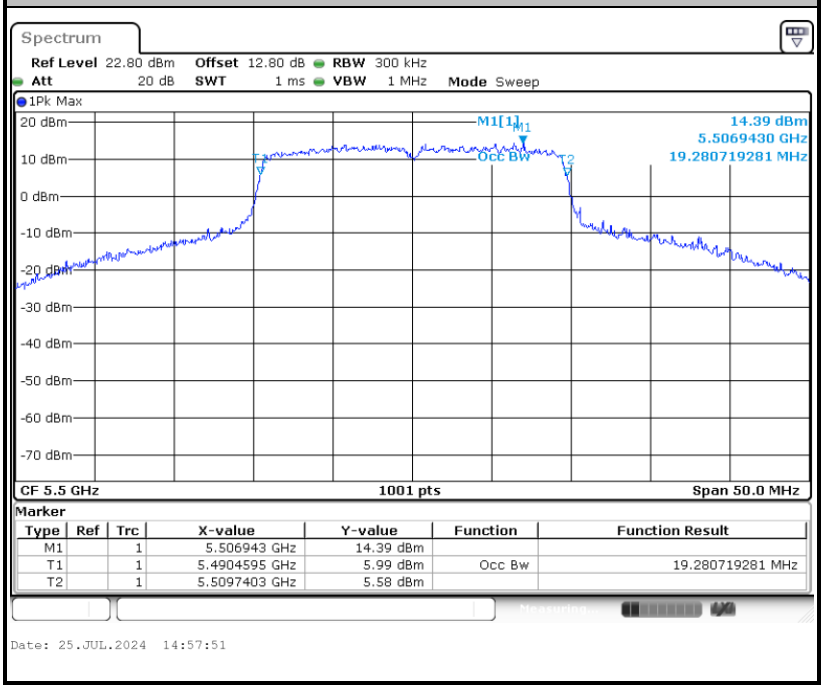
Maximum 26dB Bandwidth for 40M BW



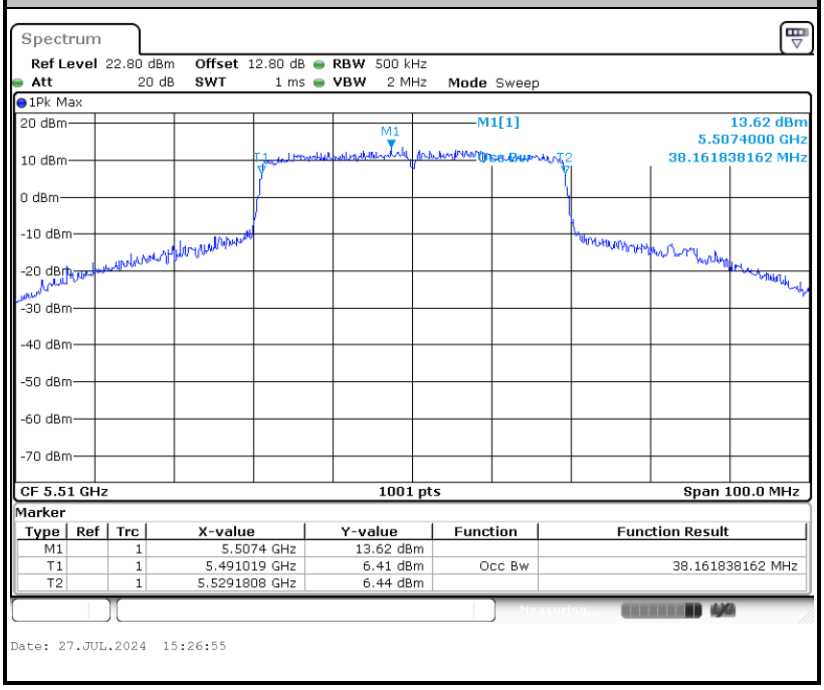
Maximum 26dB Bandwidth for 80M BW



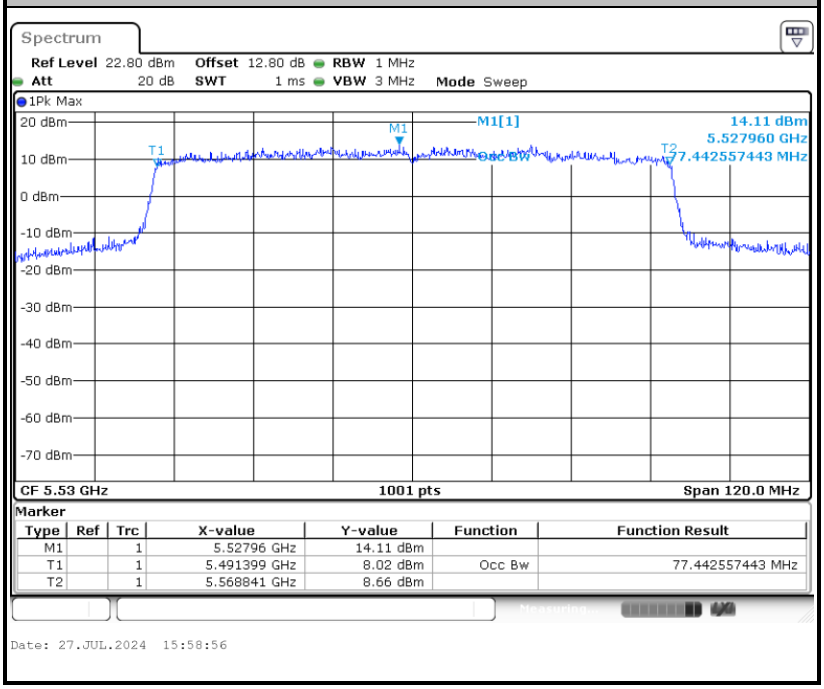
Maximum 99% Occupied Bandwidth for 20M BW



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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

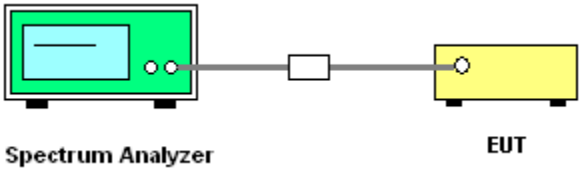
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is the duty cycle.
4. For MIMO mode, the measure-and-sum technique should be used for measuring the in-band transmit power of a device.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-2 #

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

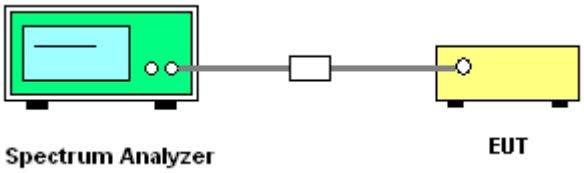
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x),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

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

   Method (a): Measure and sum the spectra across the outputs.

   The total final Power Spectral Density is the bin-by-bin summation to obtain the combined spectrum. For the device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

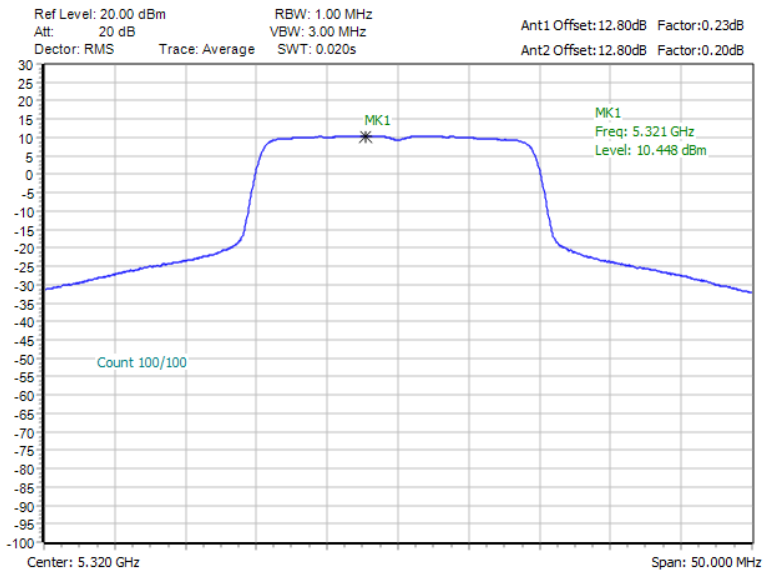
3.3.4 Test Setup



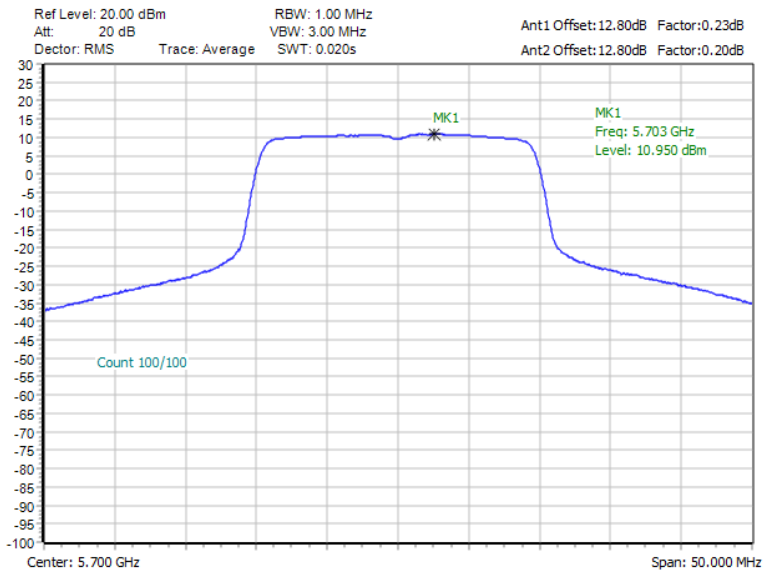
3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz) for MIMO Ant. 1+3



Worst Case Power Density (dBm/MHz) for MIMO Ant. 2+4



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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) ANSI C63.10-2013 clause 12.7.3 note 97

As specified by regulatory requirements, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit. However, an out-of-band emission that complies with both the average and peak general regulatory limits is not required to satisfy the peak emission limit.

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

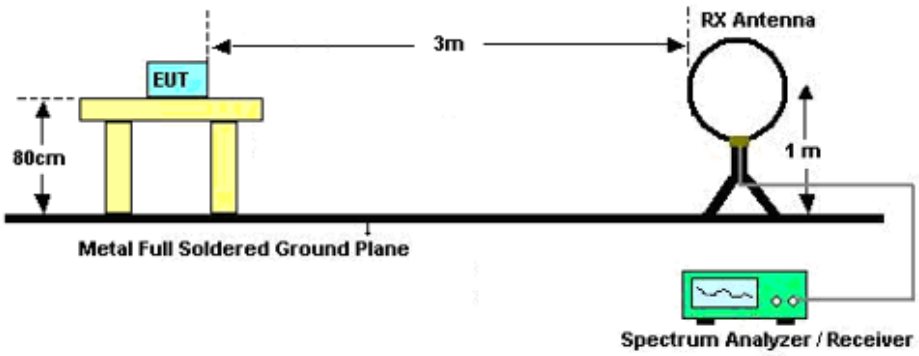
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

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

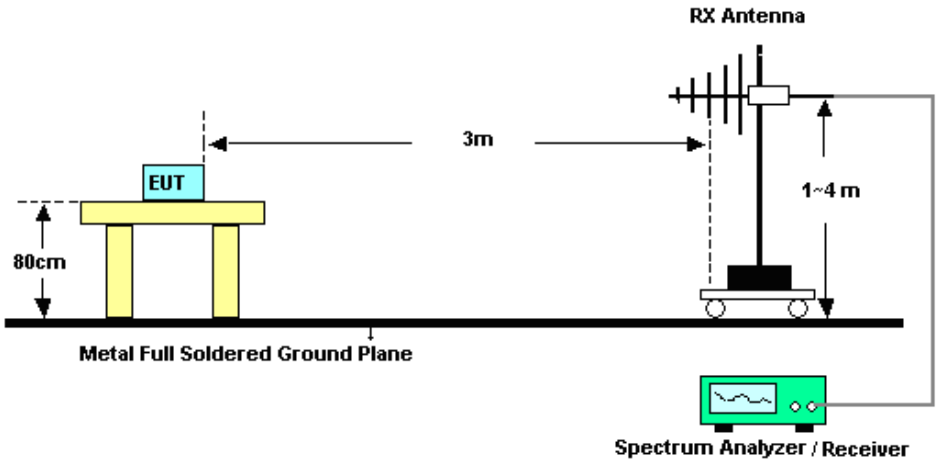
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

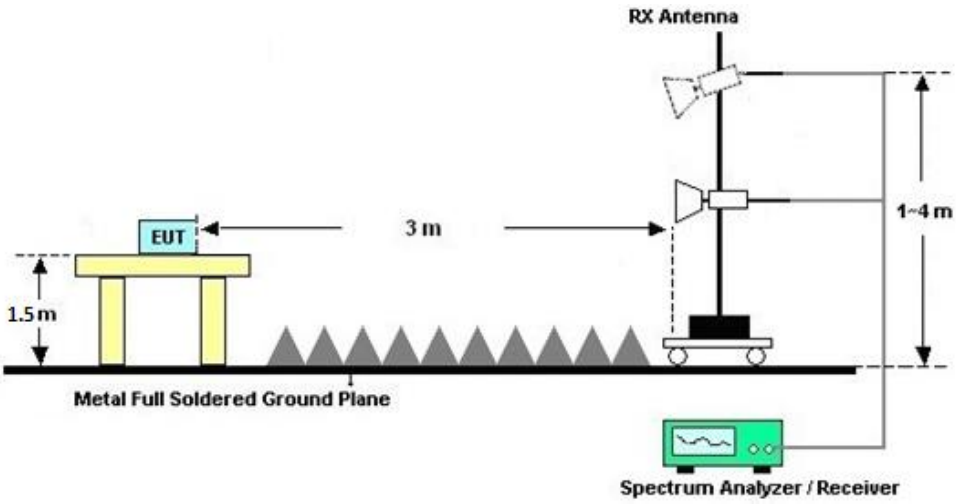
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

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.

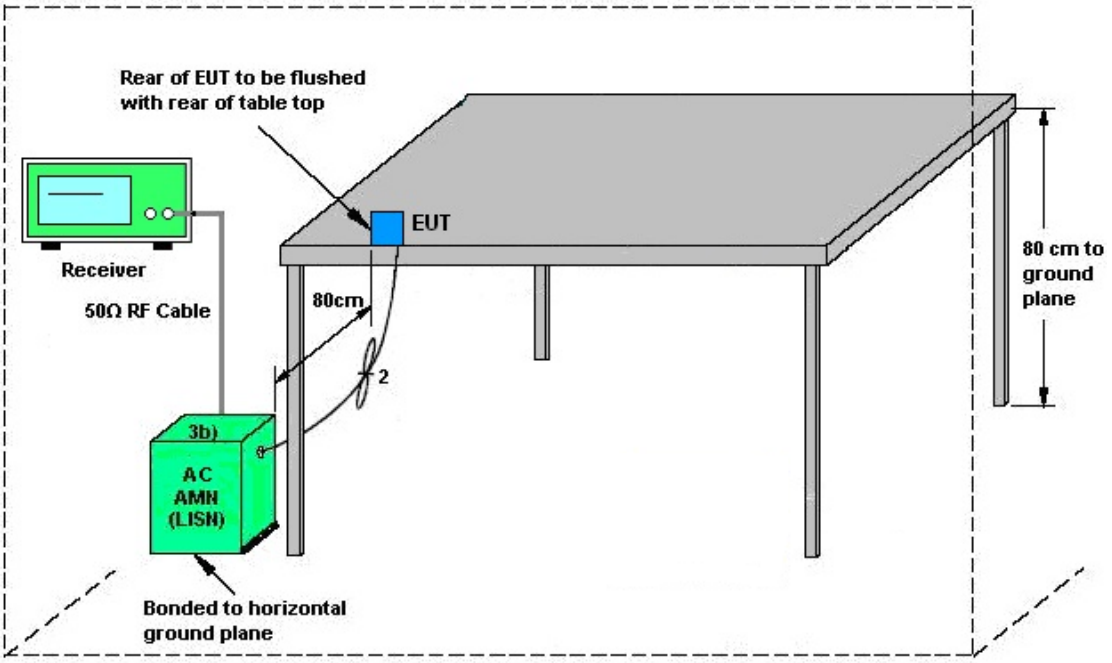
3.5.2 Measuring Instruments

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



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

<CDD Modes>

	Ant. 1/2 (dBi)	Ant. 3/4 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
UNII-2A	3.50	3.50	3.50	6.51	0.00	0.51
UNII-2C	3.00	2.70	3.00	5.86	0.00	0.00

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Jul. 25, 2024~ Jul. 27, 2024	Apr. 08, 2025	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 29, 2023	Jul. 25, 2024~ Jul. 27, 2024	Dec. 28, 2024	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Aug. 21, 2023	Jul. 25, 2024~ Jul. 27, 2024	Aug. 20, 2024	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 27, 2023	Jul. 17, 2024~ Aug. 08, 2024	Dec. 26, 2024	Radiation (03CH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Jul. 17, 2024~ Aug. 08, 2024	Jul. 02, 2025	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jul. 27, 2023	Jul. 17, 2024~ Aug. 08, 2024	Jul. 26, 2025	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Jul. 17, 2024~ Aug. 08, 2024	Oct. 23, 2025	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Jul. 17, 2024~ Aug. 08, 2024	Jul. 03, 2025	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09,2024	Jul. 17, 2024~ Aug. 08, 2024	Apr. 08,2025	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 09, 2024	Jul. 17, 2024~ Aug. 08, 2024	Apr. 08,2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 18,2023	Jul. 17, 2024~ Aug. 08, 2024	Oct. 17,2024	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 18,2023	Jul. 17, 2024~ Aug. 08, 2024	Oct. 17,2024	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Jul. 17, 2024~ Aug. 08, 2024	Jul. 02, 2025	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 18,2023	Jul. 17, 2024~ Aug. 08, 2024	Oct. 17,2024	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 17, 2024~ Aug. 08, 2024	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 17, 2024~ Aug. 08, 2024	NCR	Radiation (03CH01-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Jul. 04, 2024	Aug. 01, 2024	Jul. 03, 2025	Conduction (CO01-SZ)
AC LISN	R&S	ENV216	100063	9kHz~30MHz	Jul. 04, 2024	Aug. 01, 2024	Jul. 03, 2025	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 16, 2023	Aug. 01, 2024	Oct. 15, 2024	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 06, 2024	Aug. 01, 2024	Jul. 05, 2025	Conduction (CO01-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))	2.5dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.8dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.2dB

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.3dB

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

Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	He Qingshegn	Temperature:	21~25	°C
Test Date:	2024/7/25~2024/7/27	Relative Humidity:	51~54	%

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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)	
					Ant 1	Ant 3	Ant 1	Ant 3	Ant 1	Ant 3
11a	6Mbps	2	52	5260	16.63	16.48	20.34	20.58	23.98	
11a	6Mbps	2	60	5300	16.53	16.48	21.36	21.30	23.98	
11a	6Mbps	2	64	5320	16.63	16.43	20.34	20.58	23.98	
HE20	MCS0	2	52	5260	19.03	18.98	22.38	21.48	23.98	
HE20	MCS0	2	60	5300	19.03	19.03	21.84	21.84	23.98	
HE20	MCS0	2	64	5320	19.03	18.98	21.90	24.00	23.98	
HE40	MCS0	2	54	5270	37.86	37.86	42.24	41.76	23.98	
HE40	MCS0	2	62	5310	37.86	37.86	42.00	43.08	23.98	
HE80	MCS0	2	58	5290	77.20	77.32	83.28	83.52	23.98	

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TEST RESULTS DATA
Average Power Table

U-NII-2A																	
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
						Ant 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3			
11a	6Mbps	2	52	Full	5260	0.34	0.28	18.55	18.21	21.40	23.98		3.50		30	Pass	36
11a	6Mbps	2	60	Full	5300	0.34	0.28	18.56	18.44	21.51	23.98		3.50		30	Pass	36
11a	6Mbps	2	64	Full	5320	0.34	0.28	18.47	18.33	21.41	23.98		3.50		30	Pass	36
HE20	MCS0	2	52	Full	5260	0.23	0.20	19.25	19.05	22.16	23.98		3.50		30	Pass	38
			60	Full	5300	0.23	0.20	19.19	19.12	22.17	23.98		3.50		30	Pass	38
			64	Full	5320	0.23	0.20	19.22	19.14	22.19	23.98		3.50		30	Pass	38
HE40	MCS0	2	54	Full	5270	0.20	0.23	19.43	19.31	22.38	23.98		3.50		30	Pass	38
			62	Full	5310	0.20	0.23	18.24	18.10	21.18	23.98		3.50		30	Pass	36
HE80	MCS0	2	58	Full	5290	0.27	0.23	18.41	18.53	21.48	23.98		3.50		30	Pass	36

Report Number : FR452219B

TEST RESULTS DATA
Power Spectral Density

U-NII-2A															
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 3	Ant 1	Ant 3	SUM	Ant 1	Ant 3	Ant 1	Ant 3	
11a	6Mbps	2	52		5260	0.34	0.28	7.85	7.33	10.12	10.49		6.51		Pass
11a	6Mbps	2	60		5300	0.34	0.28	7.89	7.30	10.21	10.49		6.51		Pass
11a	6Mbps	2	64		5320	0.34	0.28	7.74	7.64	10.36	10.49		6.51		Pass
HE20	MCS0	2	52	Full	5260	0.23	0.20	7.86	7.57	10.41	10.49		6.51		Pass
HE20	MCS0	2	60	Full	5300	0.23	0.20	7.67	7.61	10.34	10.49		6.51		Pass
HE20	MCS0	2	64	Full	5320	0.23	0.20	7.84	7.73	10.45	10.49		6.51		Pass
HE40	MCS0	2	54	Full	5270	0.20	0.23	5.16	5.25	7.98	10.49		6.51		Pass
HE40	MCS0	2	62	Full	5310	0.20	0.23	5.02	5.11	7.75	10.49		6.51		Pass
HE80	MCS0	2	58	Full	5290	0.27	0.23	2.43	2.56	5.18	10.49		6.51		Pass

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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)	
					Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4
11a	6Mbps	2	100	5500	16.68	16.78	20.28	22.50	23.98	
11a	6Mbps	2	116	5580	16.58	16.48	20.16	21.36	23.98	
11a	6Mbps	2	140	5700	16.58	16.48	20.22	19.86	23.98	
11a	6Mbps	2	144	5720	16.58	16.48	20.28	21.18	23.98	
HE20	MCS0	2	100	5500	19.03	19.28	22.38	28.74	23.98	
HE20	MCS0	2	116	5580	18.93	18.98	21.66	22.02	23.98	
HE20	MCS0	2	140	5700	18.98	18.93	22.08	21.66	23.98	
HE20	MCS0	2	144	5720	18.93	18.98	21.42	21.66	23.98	
HE40	MCS0	2	102	5510	37.76	38.16	41.46	47.28	23.98	
HE40	MCS0	2	110	5550	37.76	37.96	41.88	44.40	23.98	
HE40	MCS0	2	134	5670	37.76	37.76	41.76	41.40	23.98	
HE40	MCS0	2	142	5710	37.76	37.76	41.40	41.40	23.98	
HE80	MCS0	2	106	5530	77.32	77.44	82.80	93.12	23.98	
HE80	MCS0	2	122	5610	77.20	77.20	83.04	83.76	23.98	
HE80	MCS0	2	138	5690	77.20	77.20	82.80	82.56	23.98	

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TEST RESULTS DATA
Average Power Table

U-NII-2C																	
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
						Ant 2	Ant 4	Ant 2	Ant 4	SUM	Ant 2	Ant 4	Ant 2	Ant 4			
11a	6Mbps	2	100		5500	0.34	0.28	18.38	18.94	21.68	23.98		3.00		30	Pass	36
11a	6Mbps	2	116		5580	0.34	0.28	18.67	19.02	21.86	23.98		3.00		30	Pass	37
11a	6Mbps	2	140		5700	0.34	0.28	19.47	19.39	22.44	23.98		3.00		30	Pass	36
11a	6Mbps	2	144		5720	0.34	0.28	18.37	19.40	21.93	23.98		3.00		30	Pass	36
HE20	MCS0	2	100	Full	5500	0.23	0.20	19.45	19.84	22.66	23.98		3.00		30	Pass	38
		2	116	Full	5580	0.23	0.20	19.08	19.76	22.44	23.98		3.00		30	Pass	38
		2	140	Full	5700	0.23	0.20	19.13	19.80	22.49	23.98		3.00		30	Pass	37
		2	144	Full	5720	0.23	0.20	19.04	19.86	22.48	23.98		3.00		30	Pass	37
HE40	MCS0	2	102	Full	5510	0.20	0.23	19.04	19.84	22.47	23.98		3.00		30	Pass	37
		2	110	Full	5550	0.20	0.23	19.10	19.66	22.40	23.98		3.00		30	Pass	38
		2	134	Full	5670	0.20	0.23	19.13	19.90	22.54	23.98		3.00		30	Pass	36
		2	142	Full	5710	0.20	0.23	19.02	19.65	22.36	23.98		3.00		30	Pass	36
HE80	MCS0	2	106	Full	5530	0.27	0.23	19.07	19.73	22.42	23.98		3.00		30	Pass	38
		2	122	Full	5610	0.27	0.23	19.40	19.77	22.60	23.98		3.00		30	Pass	37
		2	138	Full	5690	0.27	0.23	19.56	19.83	22.71	23.98		3.00		30	Pass	37

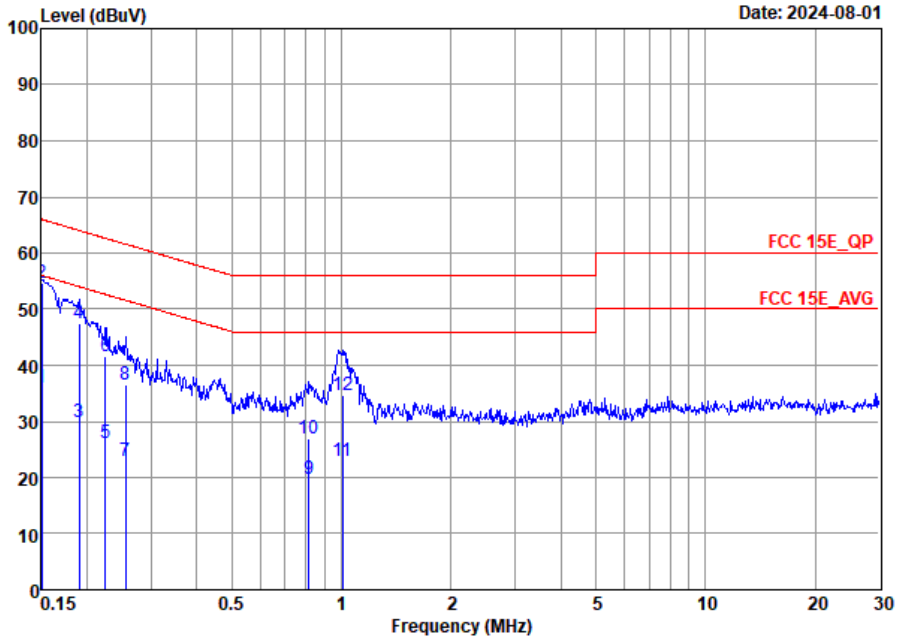
Report Number : FR452219B

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
						Ant 2	Ant 4	Ant 2	Ant 4	SUM	Ant 2	Ant 4	Ant 2	Ant 4	
11a	6Mbps	2	100		5500	0.34	0.28	7.55	8.42	10.58	11.00		5.86		Pass
11a	6Mbps	2	116		5580	0.34	0.28	7.77	8.68	10.85	11.00		5.86		Pass
11a	6Mbps	2	140		5700	0.34	0.28	7.84	8.74	10.95	11.00		5.86		Pass
11a	6Mbps	2	144		5720	0.34	0.28	7.53	8.83	10.87	11.00		5.86		Pass
HE20	MCS0	2	100	Full	5500	0.23	0.20	8.07	8.36	10.79	11.00		5.86		Pass
HE20	MCS0	2	116	Full	5580	0.23	0.20	7.43	8.39	10.69	11.00		5.86		Pass
HE20	MCS0	2	140	Full	5700	0.23	0.20	7.63	8.77	10.95	11.00		5.86		Pass
HE20	MCS0	2	144	Full	5720	0.23	0.20	7.41	8.57	10.80	11.00		5.86		Pass
HE40	MCS0	2	102	Full	5510	0.20	0.23	4.65	5.45	7.63	11.00		5.86		Pass
HE40	MCS0	2	110	Full	5550	0.20	0.23	4.59	5.59	7.83	11.00		5.86		Pass
HE40	MCS0	2	134	Full	5670	0.20	0.23	4.65	5.85	7.94	11.00		5.86		Pass
HE40	MCS0	2	142	Full	5710	0.20	0.23	4.15	5.49	7.57	11.00		5.86		Pass
HE80	MCS0	2	106	Full	5530	0.27	0.23	1.78	2.57	4.80	11.00		5.86		Pass
HE80	MCS0	2	122	Full	5610	0.27	0.23	2.00	2.51	4.97	11.00		5.86		Pass
HE80	MCS0	2	138	Full	5690	0.27	0.23	2.25	3.14	5.38	11.00		5.86		Pass

Appendix B. AC Conducted Emission Test Results

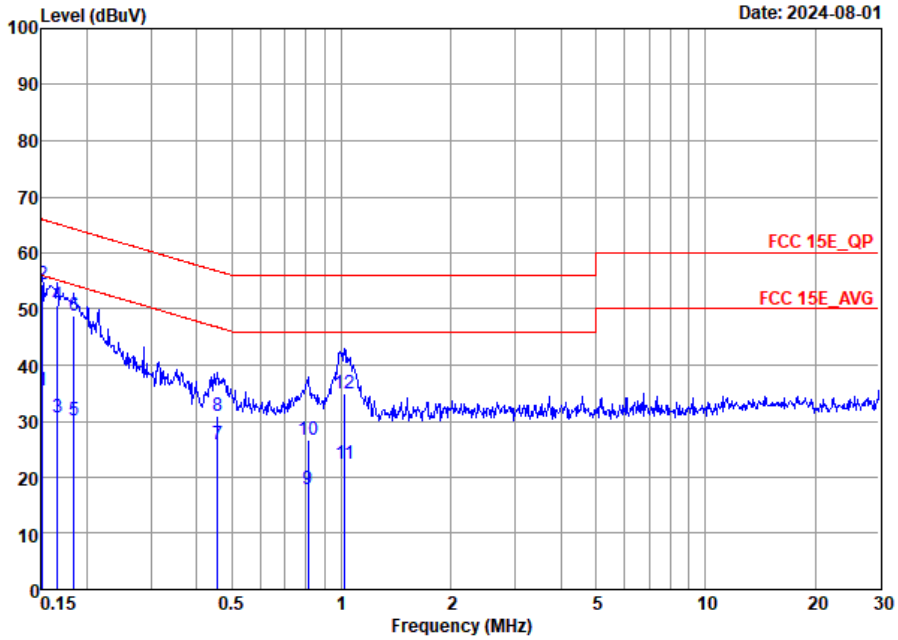
Test Engineer :	Yuki Tang	**Temperature :**	22~24℃
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ
Condition: FCC 15E_QP AC LISN 100063_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	35.92	-20.08	56.00	15.40	10.39	10.13	Average
2	*	0.15	54.62	-11.38	66.00	34.10	10.39	10.13	QP
3		0.19	29.96	-24.06	54.02	9.40	10.41	10.15	Average
4		0.19	47.56	-16.46	64.02	27.00	10.41	10.15	QP
5		0.22	26.15	-26.51	52.66	5.70	10.30	10.15	Average
6		0.22	41.65	-21.01	62.66	21.20	10.30	10.15	QP
7		0.25	22.87	-28.73	51.60	2.60	10.12	10.15	Average
8		0.25	36.57	-25.03	61.60	16.30	10.12	10.15	QP
9		0.81	19.73	-26.27	46.00	-0.70	10.27	10.16	Average
10		0.81	26.93	-29.07	56.00	6.50	10.27	10.16	QP
11		1.00	23.01	-22.99	46.00	2.60	10.25	10.16	Average
12		1.00	34.61	-21.39	56.00	14.20	10.25	10.16	QP

Test Engineer :	Yuki Tang	**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 : CO01-SZ
Condition: FCC 15E_QP AC LISN 100063_N NEUTRAL

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	35.48	-20.48	55.96	15.20	10.15	10.13	Average
2	*	0.15	54.48	-11.48	65.96	34.20	10.15	10.13	QP
3		0.17	30.67	-24.49	55.16	10.10	10.43	10.14	Average
4		0.17	50.57	-14.59	65.16	30.00	10.43	10.14	QP
5		0.18	30.14	-24.14	54.28	9.60	10.39	10.15	Average
6		0.18	48.74	-15.54	64.28	28.20	10.39	10.15	QP
7		0.46	25.80	-20.96	46.76	5.59	10.05	10.16	Average
8		0.46	30.90	-25.86	56.76	10.69	10.05	10.16	QP
9		0.81	17.90	-28.10	46.00	-2.50	10.24	10.16	Average
10		0.81	26.60	-29.40	56.00	6.20	10.24	10.16	QP
11		1.02	22.38	-23.62	46.00	2.00	10.22	10.16	Average
12		1.02	34.98	-21.02	56.00	14.60	10.22	10.16	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 :	Zhaohui Liang	Relative Humidity :	50%
		Temperature :	20-22℃

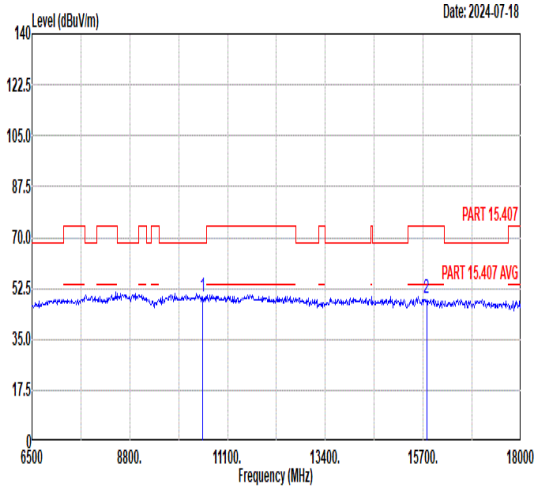
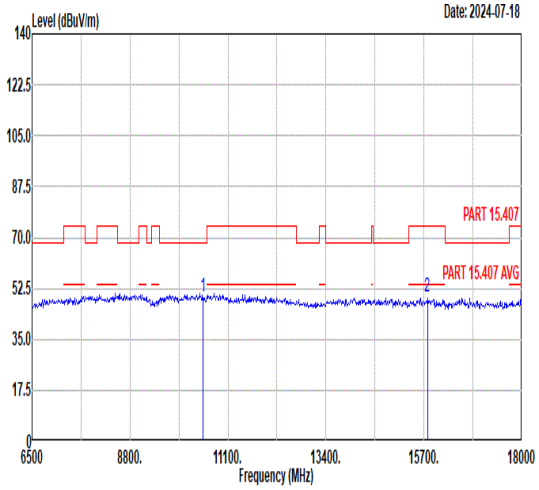
Radiated Spurious Emission Test Modes

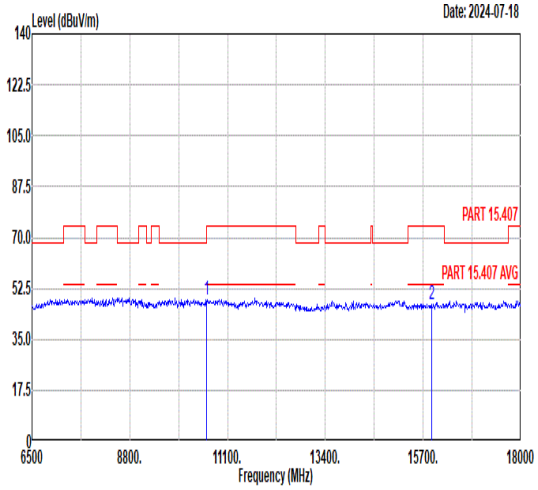
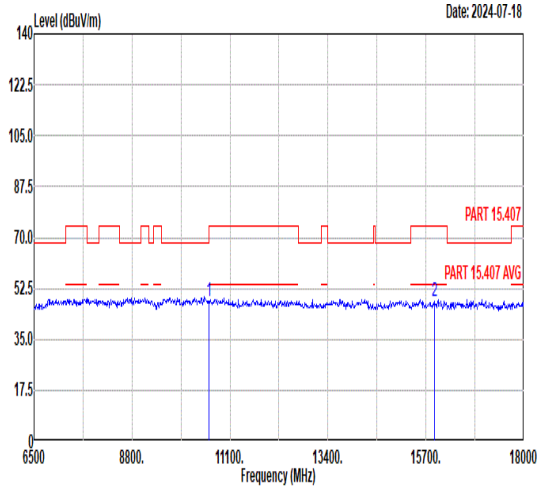
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-2A	5.25-5.35	CDD 1+3	802.11a	52	5260	6Mbps	-	-
Mode 2	U-NII-2A	5.25-5.35	CDD 1+3	802.11a	60	5300	6Mbps	-	-
Mode 3	U-NII-2A	5.25-5.35	CDD 1+3	802.11a	64	5320	6Mbps	-	-
Mode 4	U-NII-2C	5.47-5.725	CDD 2+4	802.11a	100	5500	6Mbps	-	-
Mode 5	U-NII-2C	5.47-5.725	CDD 2+4	802.11a	116	5580	6Mbps	-	-
Mode 6	U-NII-2C	5.47-5.725	CDD 2+4	802.11a	140	5700	6Mbps	-	-
Mode 7	U-NII-2C	5.47-5.85	CDD 2+4	802.11a	144	5720	6Mbps	-	-
Mode 8	U-NII-2A	5.25-5.35	CDD 1+3	802.11ax HE20	52	5260	MCS0	Full RU	-
Mode 9	U-NII-2A	5.25-5.35	CDD 1+3	802.11ax HE20	60	5300	MCS0	Full RU	-
Mode 10	U-NII-2A	5.25-5.35	CDD 1+3	802.11ax HE20	64	5320	MCS0	Full RU	-
Mode 11	U-NII-2C	5.47-5.725	CDD 2+4	802.11ax HE20	100	5500	MCS0	Full RU	-
Mode 12	U-NII-2C	5.47-5.725	CDD 2+4	802.11ax HE20	116	5580	MCS0	Full RU	-
Mode 13	U-NII-2C	5.47-5.725	CDD 2+4	802.11ax HE20	140	5700	MCS0	Full RU	-
Mode 14	U-NII-2A	5.25-5.35	CDD 1+3	802.11ax HE40	54	5270	MCS0	Full RU	-
Mode 15	U-NII-2A	5.25-5.35	CDD 1+3	802.11ax HE40	62	5310	MCS0	Full RU	-
Mode 16	U-NII-2C	5.47-5.725	CDD 2+4	802.11ax HE40	102	5510	MCS0	Full RU	-
Mode 17	U-NII-2C	5.47-5.725	CDD 2+4	802.11ax HE40	134	5670	MCS0	Full RU	-
Mode 18	U-NII-2A	5.25-5.35	CDD 1+3	802.11ax HE80	58	5290	MCS0	Full RU	-
Mode 19	U-NII-2C	5.47-5.725	CDD 2+4	802.11ax HE80	106	5530	MCS0	Full RU	-
Mode 20	U-NII-2C	5.47-5.725	CDD 2+4	802.11ax HE80	122	5610	MCS0	Full RU	-
Mode 21	U-NII-2C	5.47-5.85	CDD 2+4	802.11ax HE20	144	5720	MCS0	Full RU	-
Mode 22	U-NII-2C	5.47-5.85	CDD 2+4	802.11ax HE40	142	5710	MCS0	Full RU	-
Mode 23	U-NII-2C	5.47-5.85	CDD 2+4	802.11ax HE80	138	5690	MCS0	Full RU	-
Mode 24	U-NII-2A	5.25-5.35	CDD 1+3	802.11ax HE20	64	5320	MCS0	Full RU	LF
Mode 25	5G WIFI	5.25-5.35	CDD 1+3	802.11ax HE20	64	5320	MCS0	Full RU	Co-location
	BT	2400-2483.5	1	Bluetooth	78	2480	1DH5	-	
Mode 26	5G WIFI	5.25-5.35	CDD 1+3	802.11ax HE20	64	5320	MCS0	Full RU	Co-location
	2.4G WIFI	2400-2483.5	CDD 2+4	802.11ax HE40	09	2452	MCS0	Full RU	
Mode 27	5G WIFI	5.25-5.35	CDD 1+3	802.11ax HE20	64	5320	MCS0	Full RU	Co-location
	2.4G WIFI	2400-2483.5	CDD 2+4	802.11ax HE40	09	2452	MCS0	Full RU	
	BT	2400-2483.5	1	Bluetooth	78	2480	1DH5	-	
Mode 28	5G WIFI	5.25-5.35	CDD 1+3	802.11ax HE20	64	5320	MCS0	Full RU	Co-location
	2.4G WIFI	2400-2483.5	CDD 2+4	802.11ax HE40	09	2452	MCS0	Full RU	
	BT	2400-2483.5	1	Bluetooth	78	2480	1DH5	-	
	Zigbee	2400-2483.5	1	Bluetooth	26	2480	250kbps	-	

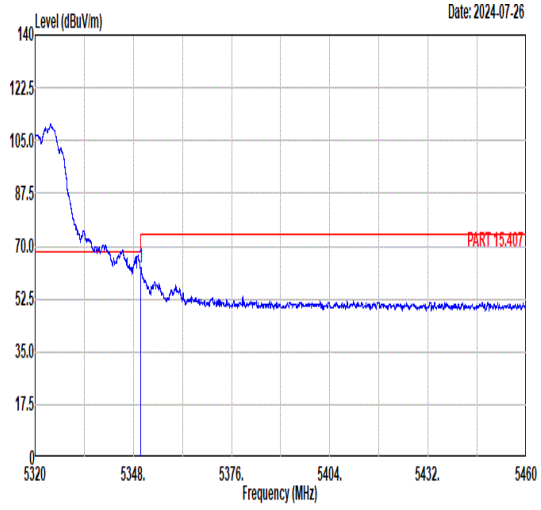
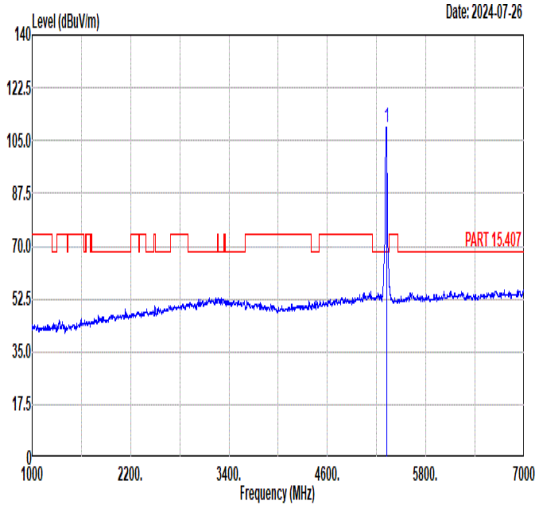
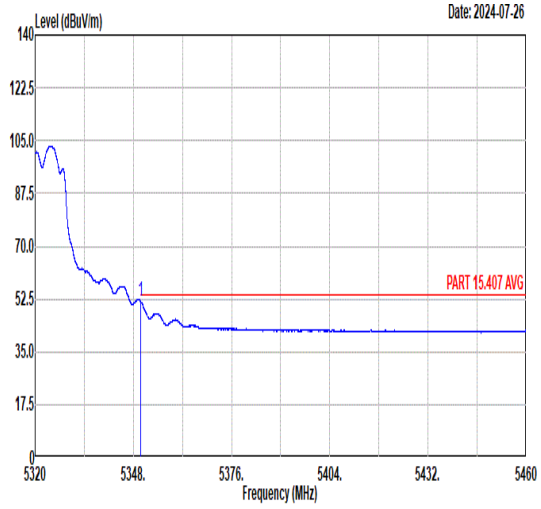
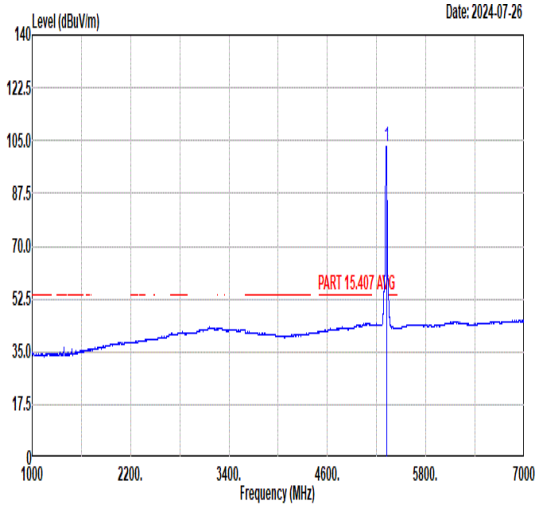
Summary of each worse mode

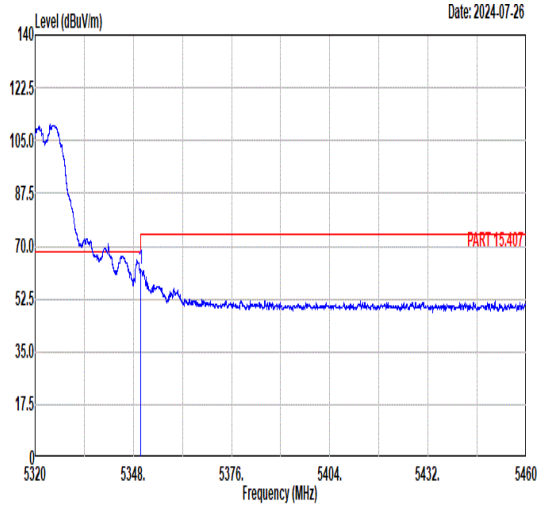
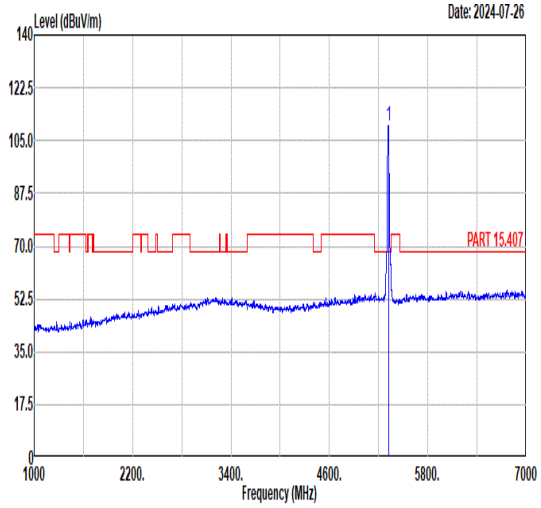
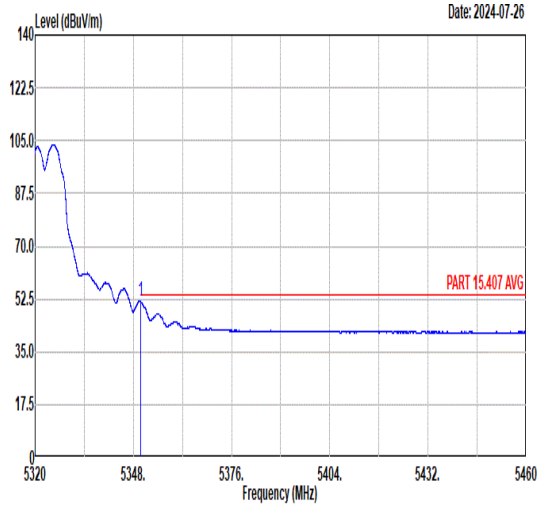
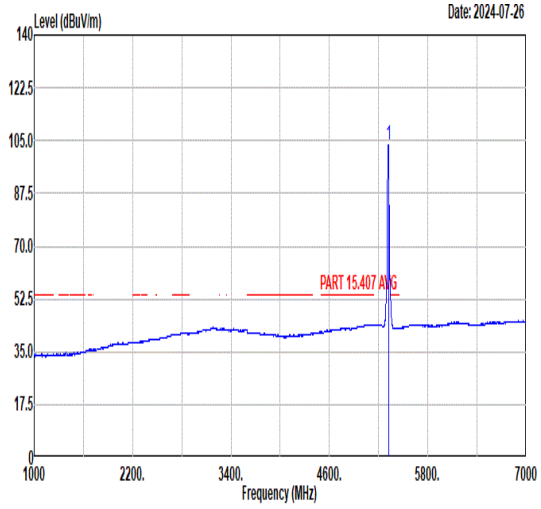
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	52	-	-	-	-	-	-	-	Band Edge
1	802.11a	52	10520.00	49.91	68.30	-18.39	V	Peak	Pass	Harmonic
2	802.11a	60	-	-	-	-	-	-	-	Band Edge
2	802.11a	60	10600.00	48.59	74.00	-25.41	H	Peak	Pass	Harmonic
3	802.11a	64	5350.00	51.83	54.00	-2.17	H	AVERAGE	Pass	Band Edge
3	802.11a	64	15960.00	48.52	74.00	-25.48	V	Peak	Pass	Harmonic
4	802.11a	100	5469.93	63.90	68.30	-4.40	H	PEAK	Pass	Band Edge
4	802.11a	100	16500.00	48.69	68.30	-19.61	V	Peak	Pass	Harmonic
5	802.11a	116	-	-	-	-	-	-	-	Band Edge
5	802.11a	116	16740.00	48.04	68.30	-20.26	V	Peak	Pass	Harmonic
6	802.11a	140	5725.32	62.15	68.30	-6.15	H	PEAK	Pass	Band Edge
6	802.11a	140	17100.00	47.92	68.30	-20.38	H	Peak	Pass	Harmonic
7	802.11a	144	-	-	-	-	-	-	-	Band Edge
7	802.11a	144	17160.00	48.67	68.30	-19.63	V	Peak	Pass	Harmonic
8	802.11ax HE20	52	-	-	-	-	-	-	-	Band Edge
8	802.11ax HE20	52	10520.00	48.97	68.30	-19.33	H	Peak	Pass	Harmonic
9	802.11ax HE20	60	-	-	-	-	-	-	-	Band Edge
9	802.11ax HE20	60	10600.00	48.59	74.00	-25.41	H	Peak	Pass	Harmonic
10	802.11ax HE20	64	5350.17	53.48	54.00	-0.52	H	AVERAGE	Pass	Band Edge
10	802.11ax HE20	64	15960.00	48.66	74.00	-25.34	H	Peak	Pass	Harmonic
11	802.11ax HE20	100	5469.48	62.10	68.30	-6.20	V	PEAK	Pass	Band Edge
11	802.11ax HE20	100	16500.00	48.38	68.30	-19.92	H	Peak	Pass	Harmonic
12	802.11ax HE20	116	-	-	-	-	-	-	-	Band Edge
12	802.11ax HE20	116	16740.00	48.35	68.30	-19.95	V	Peak	Pass	Harmonic
13	802.11ax HE20	140	5726.30	65.73	68.30	-2.57	H	PEAK	Pass	Band Edge
13	802.11ax HE20	140	17100.00	47.74	68.30	-20.56	H	Peak	Pass	Harmonic
14	802.11ax HE40	54	5350.01	45.47	54.00	-8.53	H	AVERAGE	Pass	Band Edge
14	802.11ax HE40	54	-	-	-	-	-	-	-	Harmonic
15	802.11ax HE40	62	5350.01	52.79	54.00	-1.21	H	AVERAGE	Pass	Band Edge
15	802.11ax HE40	62	-	-	-	-	-	-	-	Harmonic
16	802.11ax HE40	102	5467.84	63.03	68.30	-5.27	V	PEAK	Pass	Band Edge
16	802.11ax HE40	102	-	-	-	-	-	-	-	Harmonic
17	802.11ax HE40	134	5725.53	64.29	68.30	-4.01	H	PEAK	Pass	Band Edge
17	802.11ax HE40	134	-	-	-	-	-	-	-	Harmonic
18	802.11ax HE80	58	5351.64	53.47	54.00	-0.53	H	AVERAGE	Pass	Band Edge
18	802.11ax HE80	58	-	-	-	-	-	-	-	Harmonic
19	802.11ax HE80	106	5456.47	49.86	54.00	-4.14	V	AVERAGE	Pass	Band Edge
19	802.11ax HE80	106	-	-	-	-	-	-	-	Harmonic
20	802.11ax HE80	122	5726.81	63.40	68.30	-4.90	H	PEAK	Pass	Band Edge
20	802.11ax HE80	122	-	-	-	-	-	-	-	Harmonic
21	802.11ax HE20	144	5460.00	41.48	54.00	-12.52	V	Average	Pass	Band Edge
21	802.11ax HE20	144	17160.00	48.16	68.30	-20.14	H	Peak	Pass	Harmonic
22	802.11ax HE40	142	5458.90	41.49	54.00	-12.51	V	Average	Pass	Band Edge
22	802.11ax HE40	142	-	-	-	-	-	-	-	Harmonic

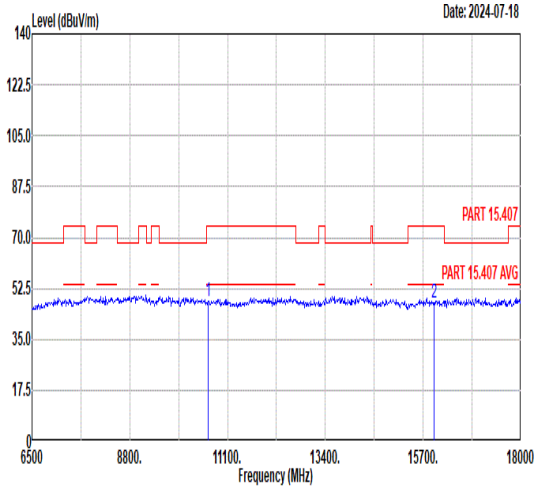
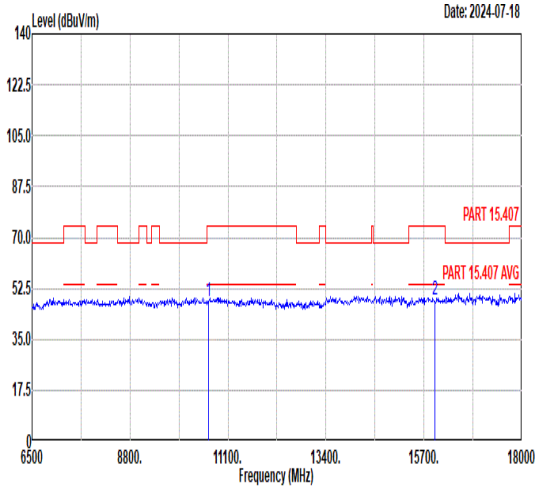
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
23	802.11ax HE80	138	5458.90	41.61	54.00	-12.39	V	Average	Pass	Band Edge
23	802.11ax HE80	138	-	-	-	-	-	-	-	Harmonic
24	802.11ax HE20	64	127.00	33.33	43.5	-10.17	V	Peak	Pass	LF
25	Co-location _TX		5350.31	53.10	54.00	-0.90	H	AVERAGE	Pass	Band Edge
			10640.00	48.55	74.00	-25.45	V	Peak	Pass	Harmonic
26	Co-location _TX		5350.04	51.57	54.00	-2.43	H	AVERAGE	Pass	Band Edge
			10640.00	48.44	74.00	-25.56	H	Peak	Pass	Harmonic
27	Co-location _TX		5350.17	52.02	54.00	-1.98	H	AVERAGE	Pass	Band Edge
			10640.00	48.49	74.00	-25.51	H	Peak	Pass	Harmonic
28	Co-location _TX		2483.54	73.41	74.00	-0.59	V	PEAK	Pass	Band Edge
			10640.00	48.81	74.00	-25.19	H	Peak	Pass	Harmonic

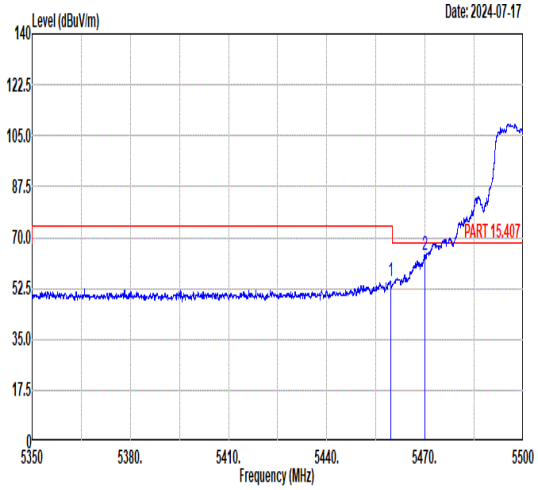
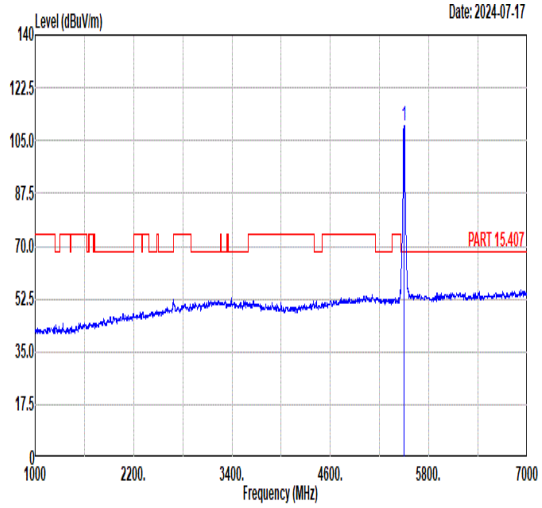
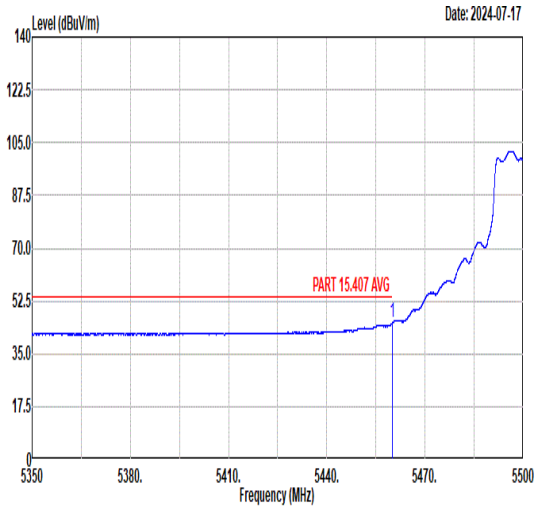
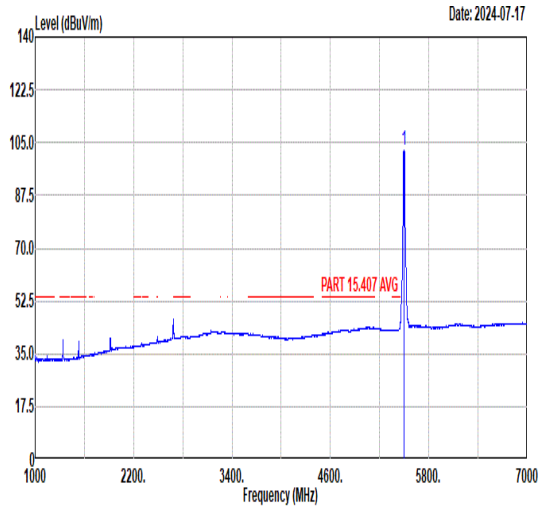
Mode	1	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10520.00 49.73 68.30 -18.57 46.78 39.50 14.25 50.80 -- -- Peak 2 15780.00 49.09 74.00 -24.91 41.71 41.97 17.04 51.63 -- -- 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 10520.00 49.91 68.30 -18.39 46.96 39.50 14.25 50.80 -- -- Peak 2 15780.00 49.50 74.00 -24.50 42.12 41.97 17.04 51.63 -- -- Peak

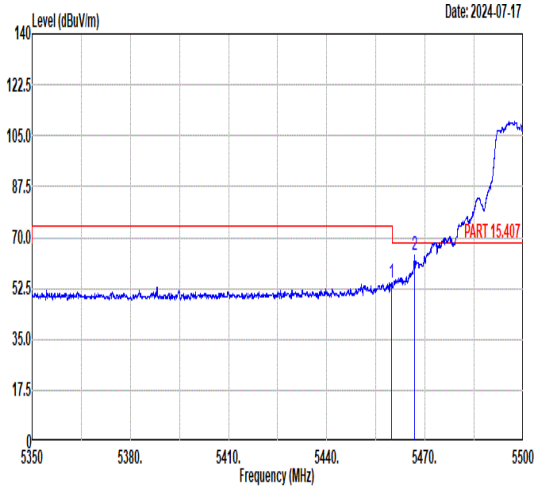
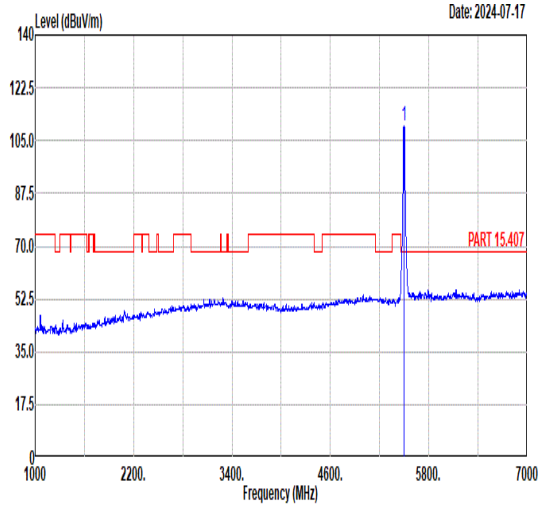
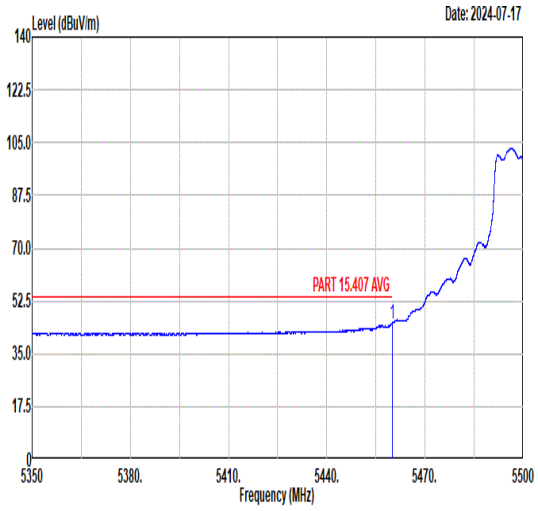
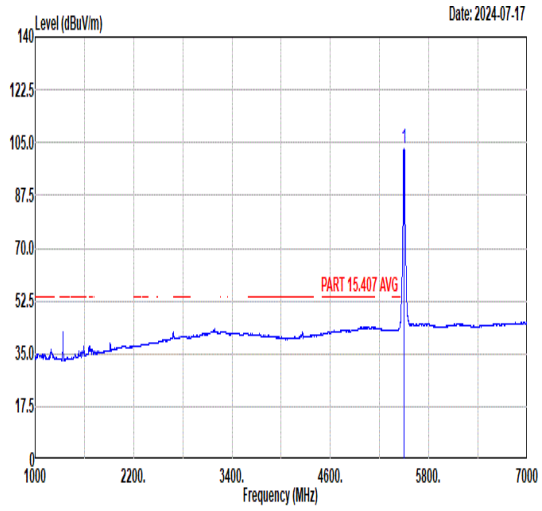
Mode	2	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10600.00 48.59 74.00 -25.41 45.61 39.48 14.30 50.80 -- -- Peak 2 15900.00 47.18 74.00 -26.82 39.72 42.04 17.14 51.72 -- -- 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 10600.00 47.85 74.00 -26.15 44.87 39.48 14.30 50.80 -- -- Peak 2 15900.00 47.88 74.00 -26.12 40.42 42.04 17.14 51.72 -- -- Peak

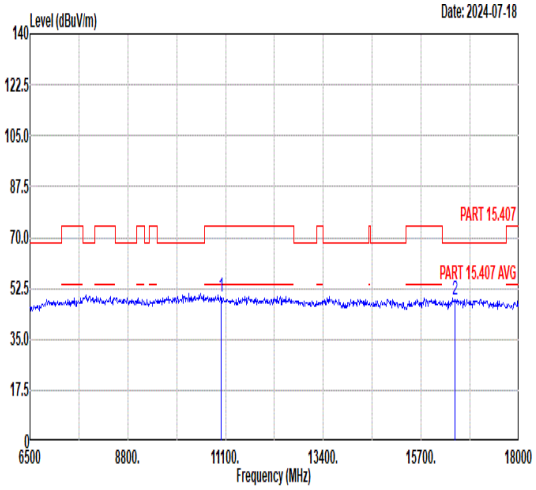
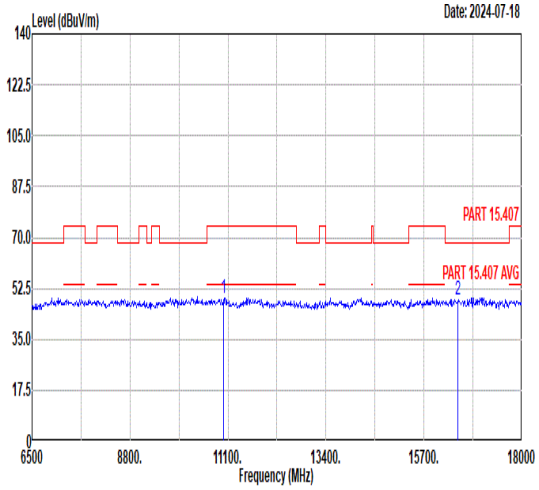
Mode	3	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.17 62.80 74.00 -11.20 49.06 34.83 10.94 32.03 400 184 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 5320.00 109.58 ------ ------ 95.76 34.84 10.97 31.99 400 184 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 5350.00 51.83 54.00 -2.17 38.09 34.83 10.94 32.03 400 184 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 5320.00 103.05 ------ ------ 89.25 34.84 10.96 32.00 400 184 AVERAGE

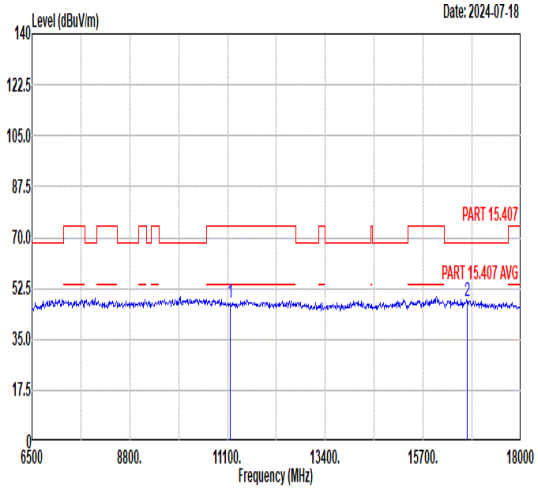
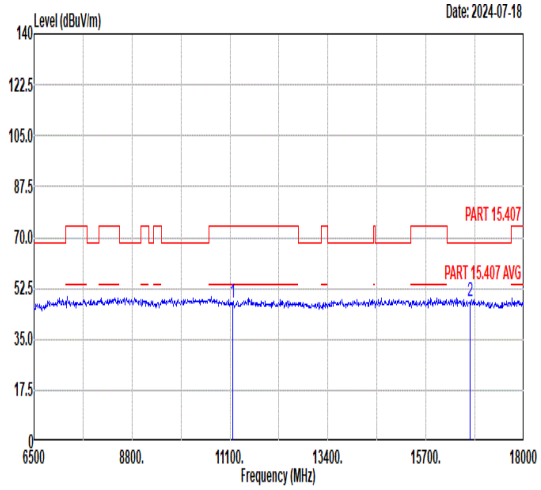
Mode	3	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 1+3	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.04 62.11 74.00 -11.89 48.37 34.83 10.94 32.03 400 239 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 5320.00 109.89 ------ ------ 96.09 34.84 10.96 32.00 400 239 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 5350.00 51.61 54.00 -2.39 37.87 34.83 10.94 32.03 400 239 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 5320.00 103.62 ------ ------ 89.82 34.84 10.96 32.00 400 239 AVERAGE

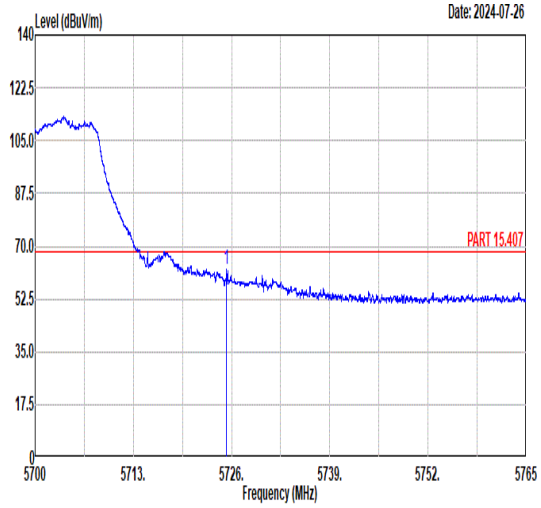
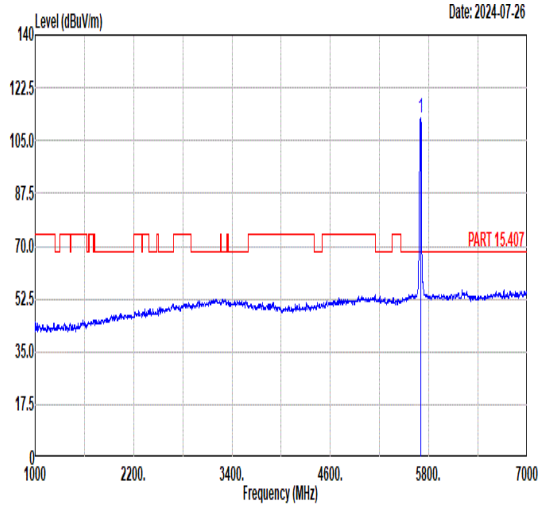
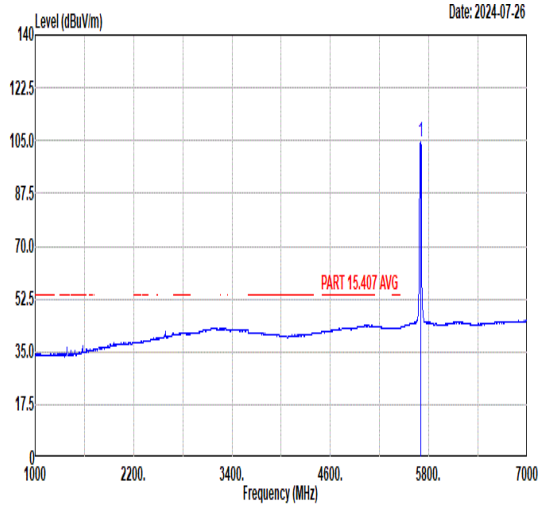
Mode	3	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10640.00 48.06 74.00 -25.94 45.07 39.47 14.32 50.80 -- -- Peak 2 15960.00 47.60 74.00 -26.40 40.10 42.08 17.19 51.77 -- -- 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 10640.00 48.26 74.00 -25.74 45.27 39.47 14.32 50.80 -- -- Peak 2 15960.00 48.52 74.00 -25.48 41.02 42.08 17.19 51.77 -- -- Peak

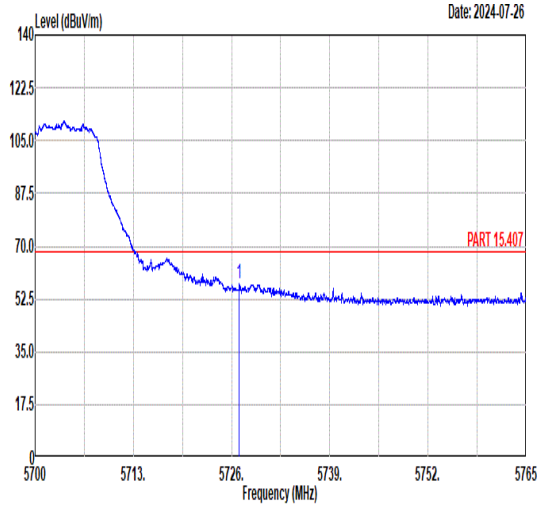
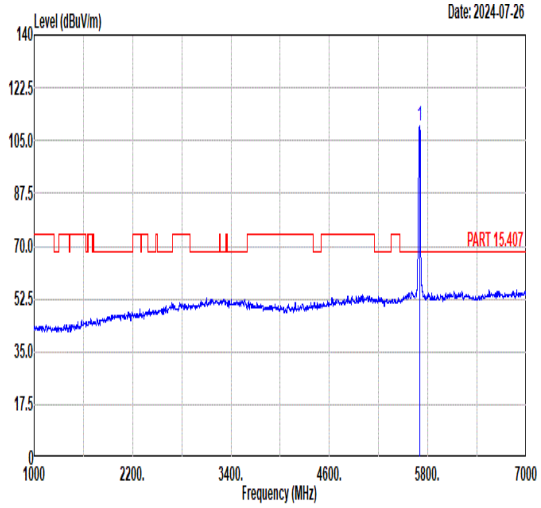
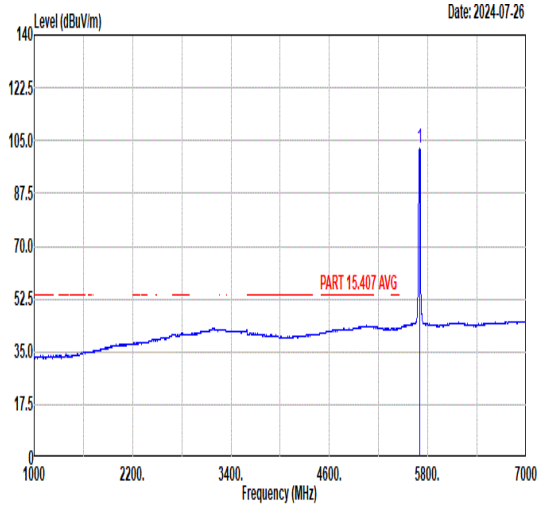
Mode	4	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.43 54.98 74.00 -19.02 41.21 34.81 11.12 32.16 390 323 PEAK 2 5469.93 63.90 68.30 -4.40 50.11 34.81 11.16 32.18 390 323 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 5500.00 109.83 ------ ------ 95.97 34.80 11.27 32.21 390 323 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 5460.00 45.29 54.00 -8.71 31.53 34.81 11.12 32.17 390 323 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 5500.00 102.24 ------ ------ 88.38 34.80 11.27 32.21 390 323 AVERAGE

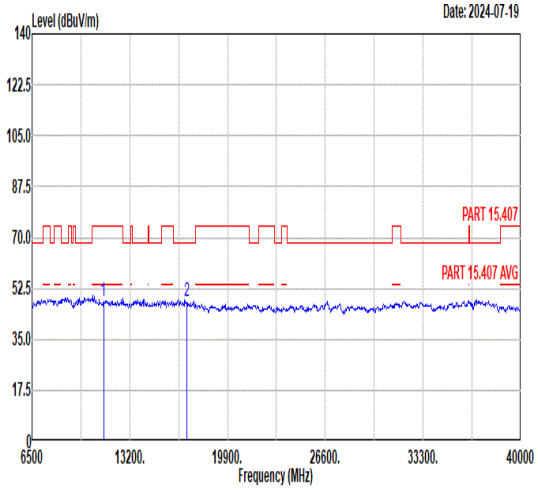
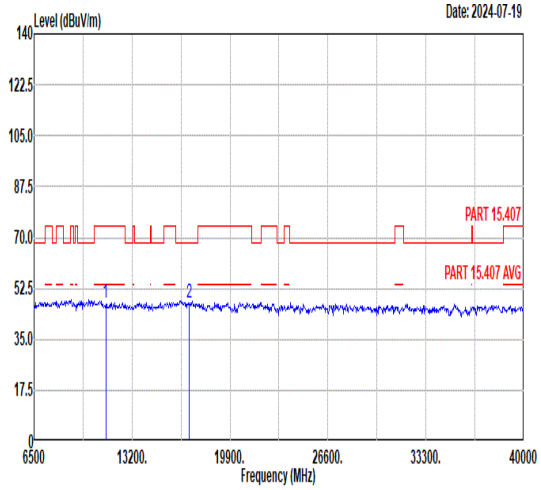
Mode	4	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.89 54.51 74.00 -19.49 40.75 34.81 11.12 32.17 171 254 PEAK 2 5466.79 63.78 68.30 -4.52 49.99 34.81 11.15 32.17 171 254 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 5500.00 109.90 ------ ------ 96.04 34.80 11.27 32.21 171 254 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 5460.00 45.10 54.00 -8.90 31.34 34.81 11.12 32.17 171 254 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 5500.00 102.99 ------ ------ 89.13 34.80 11.27 32.21 171 254 AVERAGE

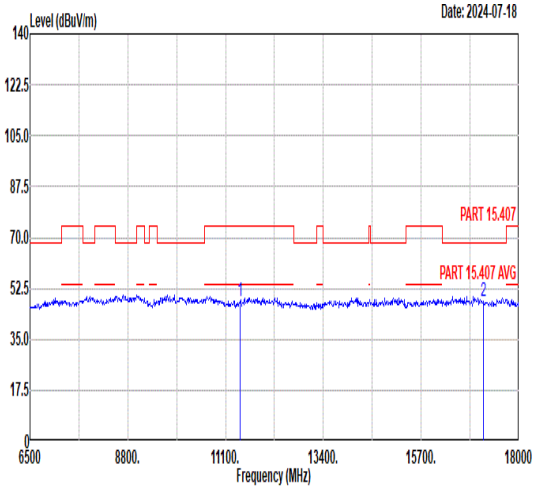
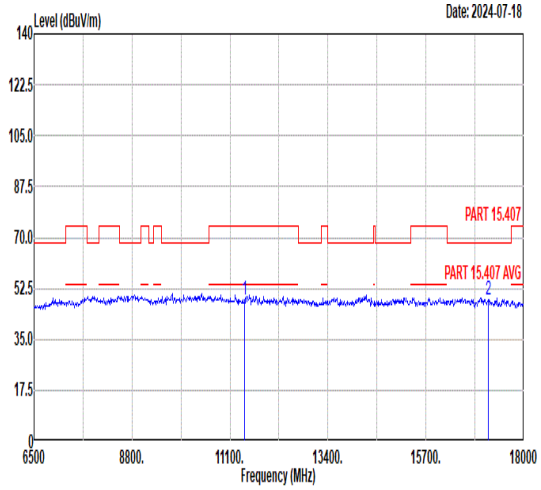
Mode	4	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 49.45 74.00 -24.55 46.31 39.40 14.54 50.80 -- -- Peak 2 16500.00 48.68 68.30 -19.62 40.72 42.40 17.36 51.80 -- -- 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 49.04 74.00 -24.96 45.90 39.40 14.54 50.80 -- -- Peak 2 16500.00 48.69 68.30 -19.61 40.73 42.40 17.36 51.80 -- -- Peak

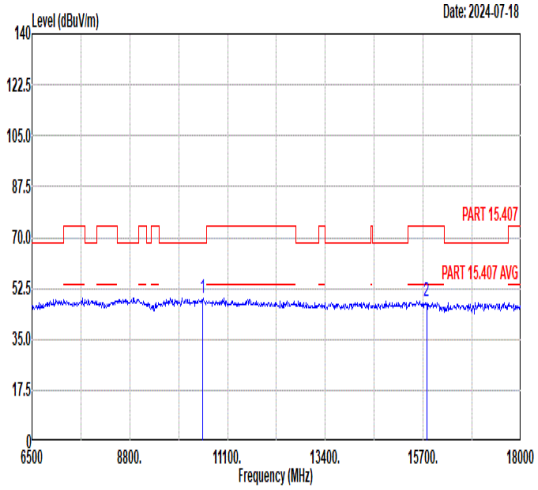
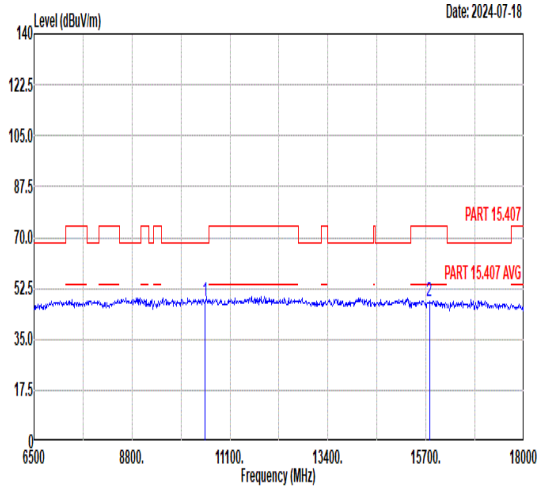
Mode	5	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH116_5580MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 47.46 74.00 -26.54 44.06 39.53 14.64 50.77 -- -- Peak 2 16740.00 47.91 68.30 -20.39 39.78 42.45 17.43 51.75 -- -- 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 11160.00 47.31 74.00 -26.69 43.91 39.53 14.64 50.77 -- -- Peak 2 16740.00 48.04 68.30 -20.26 39.91 42.45 17.43 51.75 -- -- Peak

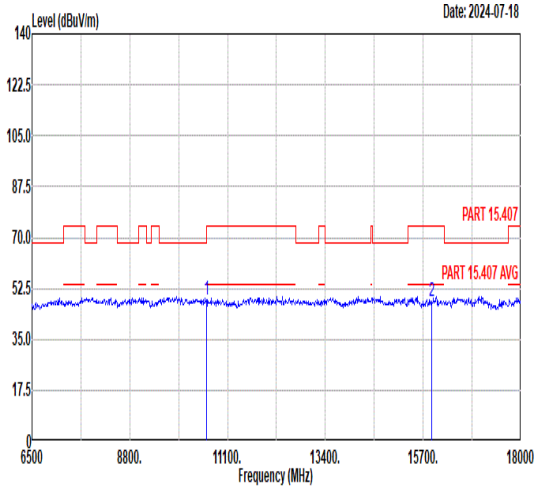
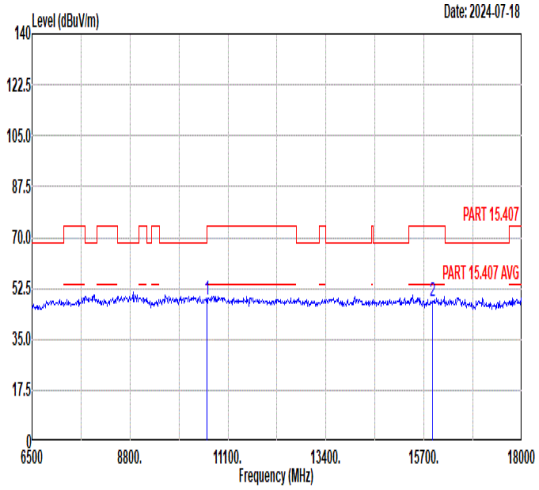
Mode	6	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5725.32 62.15 68.30 -6.15 47.77 35.12 11.65 32.39 277 288 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 5700.00 112.53 ------ ------ 98.16 35.08 11.66 32.37 277 288 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 5700.00 104.52 ------ ------ 90.15 35.08 11.66 32.37 277 288 AVERAGE

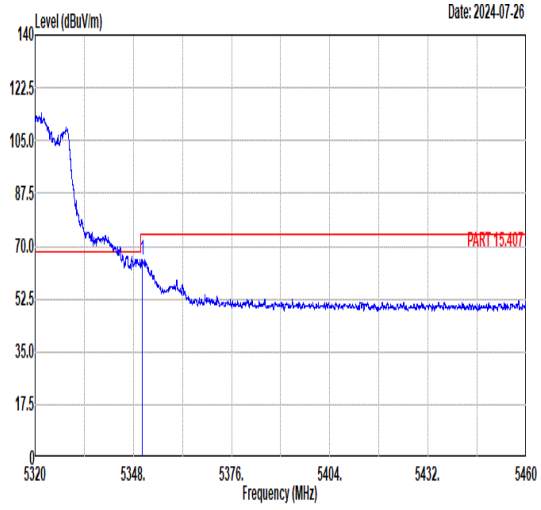
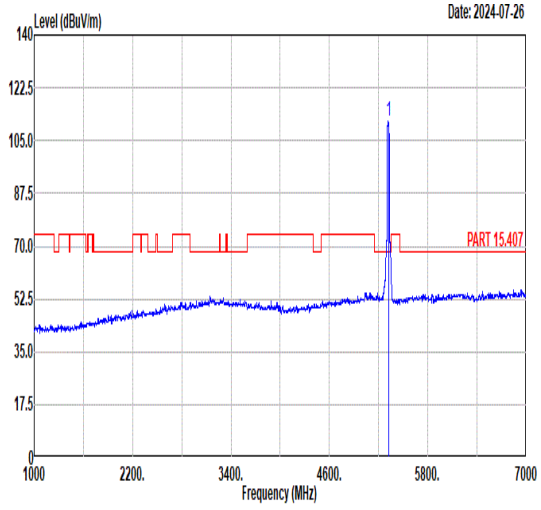
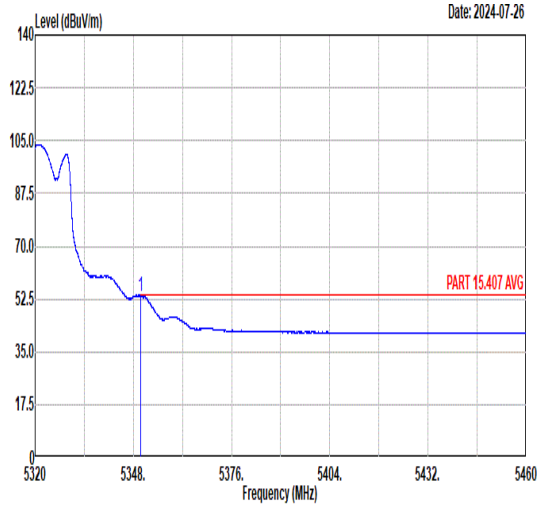
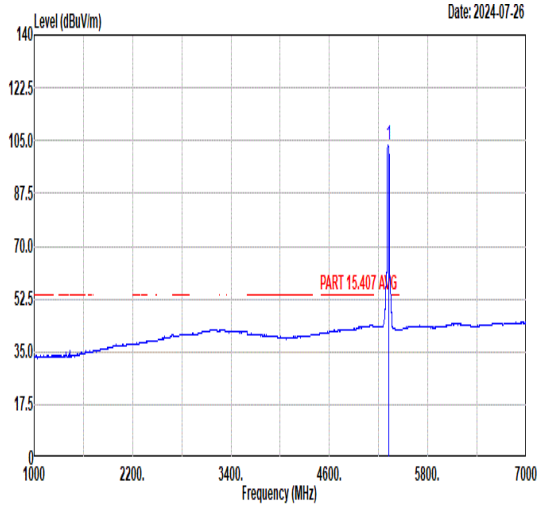
Mode	6	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5727.01 57.72 68.30 -10.58 43.34 35.12 11.65 32.39 200 264 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 5700.00 109.98 ------ ------ 95.61 35.08 11.66 32.37 200 264 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 5700.00 102.66 ------ ------ 88.29 35.08 11.66 32.37 200 264 AVERAGE

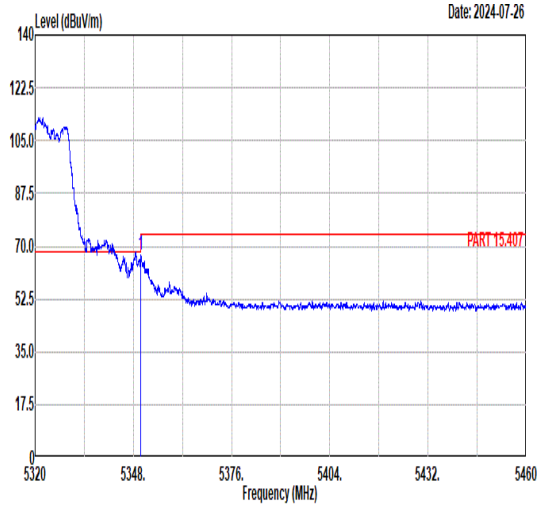
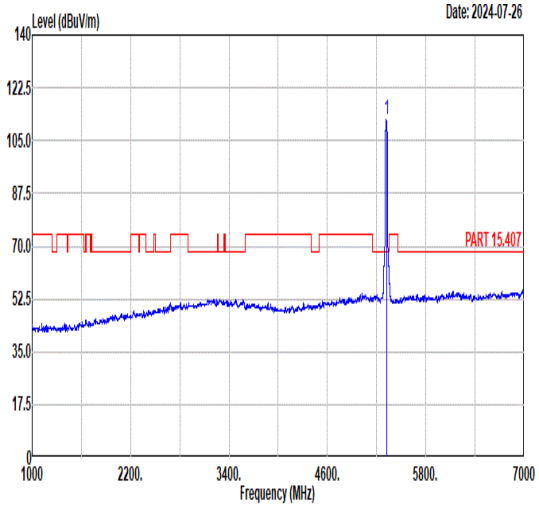
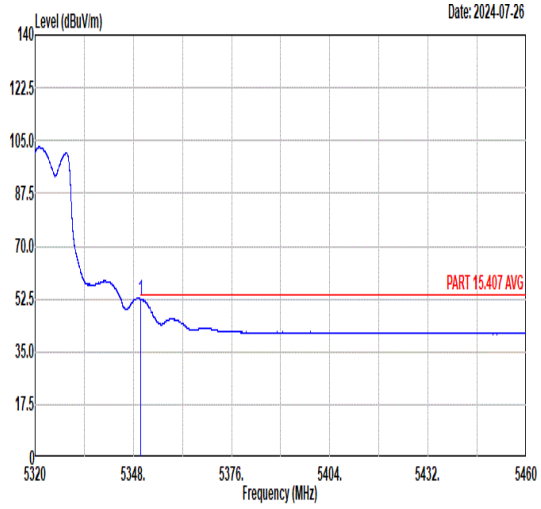
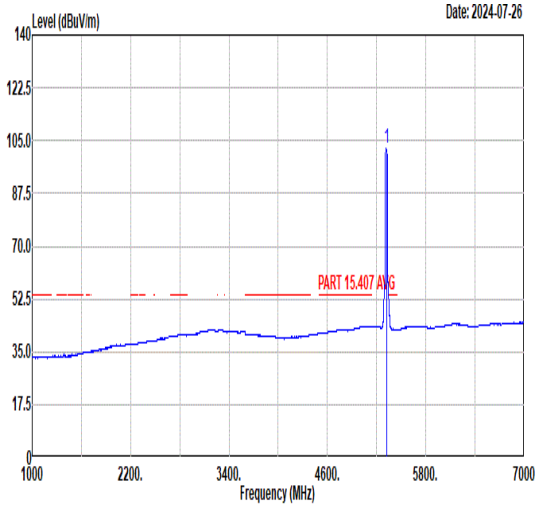
Mode	6	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 48.32 74.00 -25.68 44.54 39.72 14.78 50.72 -- -- Peak 2 17100.00 47.92 68.30 -20.38 39.73 42.46 17.53 51.80 -- -- 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 47.48 74.00 -26.52 43.70 39.72 14.78 50.72 -- -- Peak 2 17100.00 47.34 68.30 -20.96 39.15 42.46 17.53 51.80 -- -- Peak

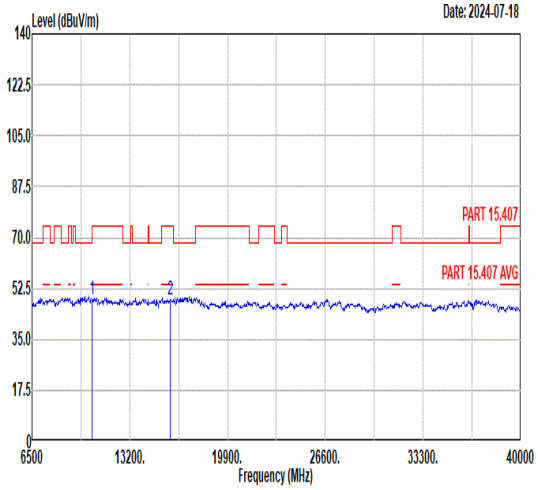
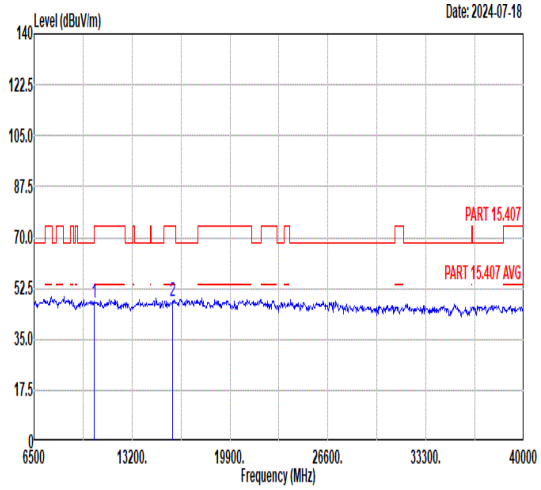
Mode	7	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11a_CH144_5720MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11440.00 47.89 74.00 -26.11 44.05 39.75 14.80 50.71 -- -- Peak 2 17160.00 48.09 68.30 -20.21 39.96 42.44 17.55 51.86 -- -- 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 11440.00 48.37 74.00 -25.63 44.53 39.75 14.80 50.71 -- -- Peak 2 17160.00 48.67 68.30 -19.63 40.54 42.44 17.55 51.86 -- -- Peak

Mode	8	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_5260MHz	
ANT	CDD 1+3	
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 10520.00 48.97 68.30 -19.33 46.02 39.50 14.25 50.80 -- -- Peak 2 15780.00 48.25 74.00 -25.75 40.87 41.97 17.04 51.63 -- -- 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 10520.00 48.20 68.30 -20.10 45.25 39.50 14.25 50.80 -- -- Peak 2 15780.00 48.32 74.00 -25.68 40.94 41.97 17.04 51.63 -- -- Peak

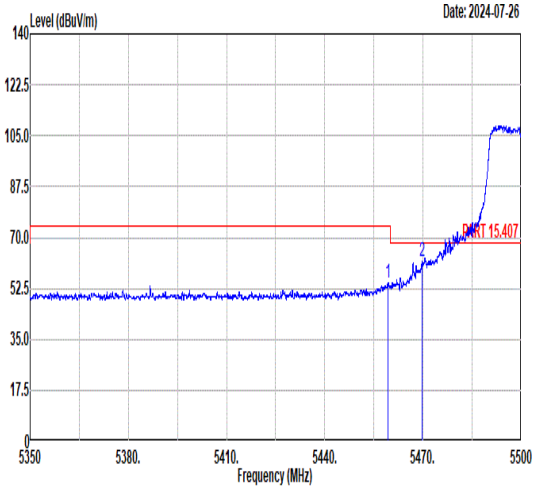
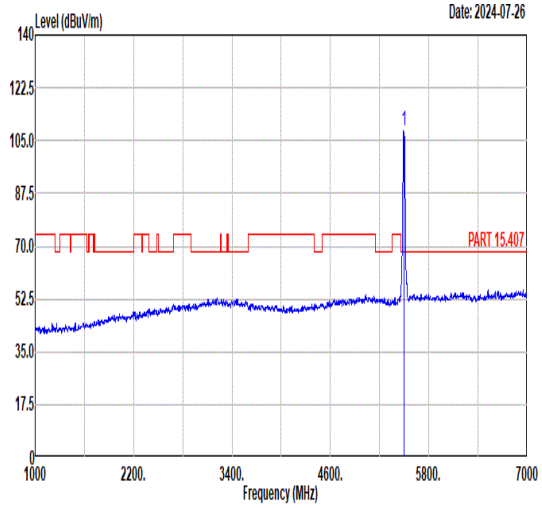
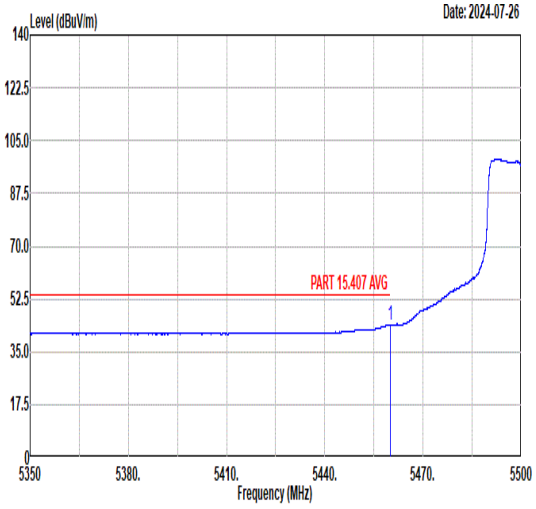
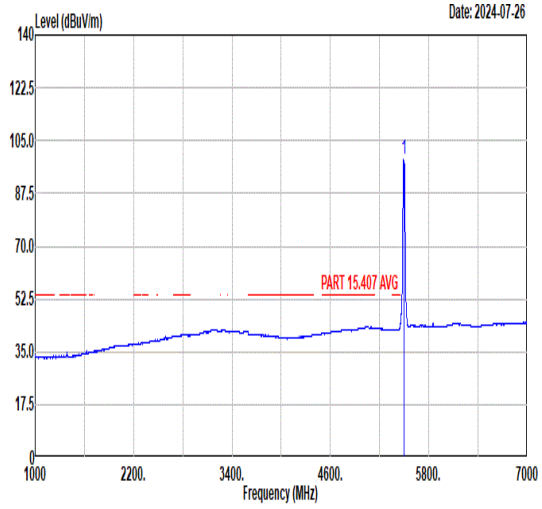
Mode	9	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_5300MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10600.00 48.59 74.00 -25.41 45.61 39.48 14.30 50.80 -- -- Peak 2 15900.00 48.16 74.00 -25.84 40.70 42.04 17.14 51.72 -- -- 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 10600.00 48.53 74.00 -25.47 45.55 39.48 14.30 50.80 -- -- Peak 2 15900.00 48.32 74.00 -25.68 40.86 42.04 17.14 51.72 -- -- Peak

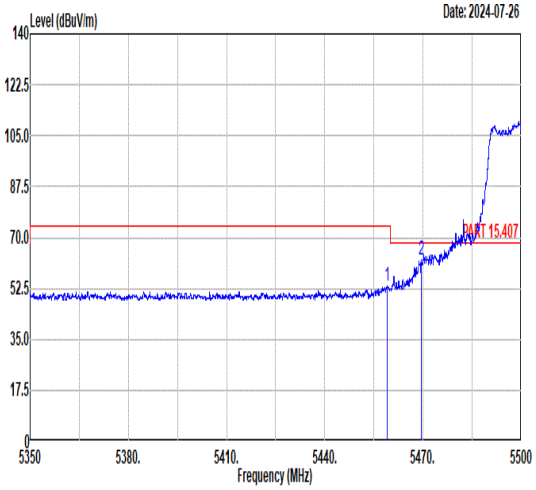
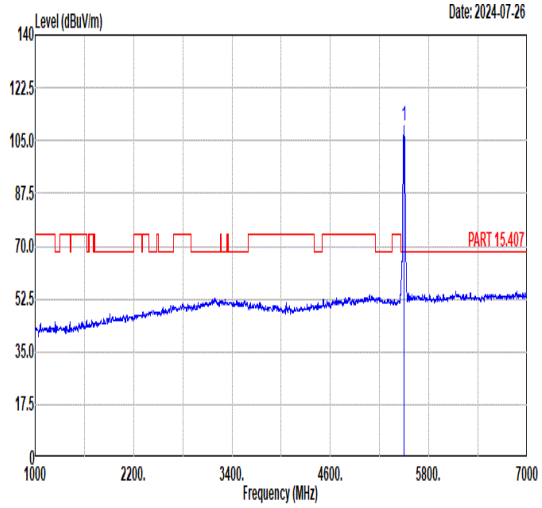
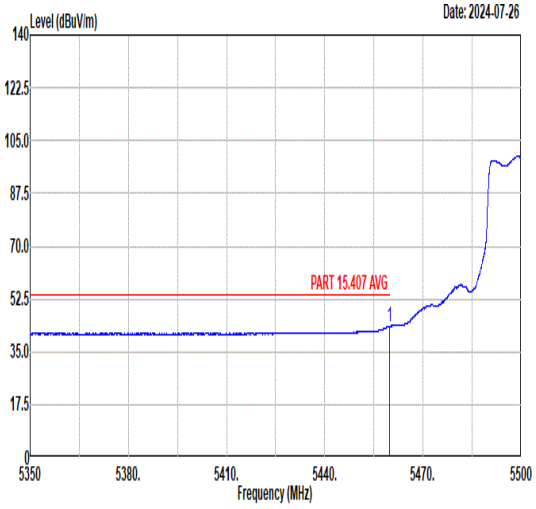
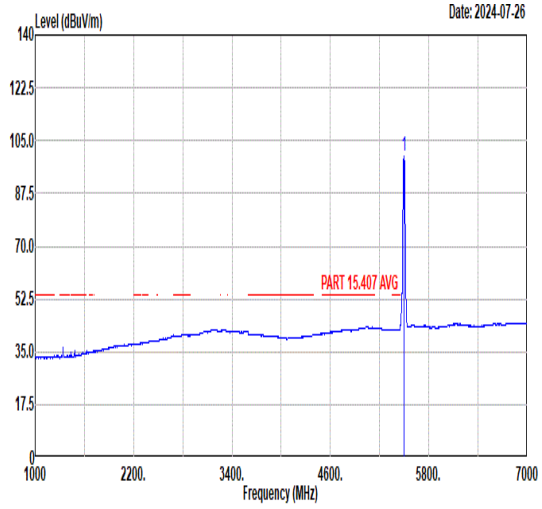
Mode	10	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.46 65.51 74.00 -8.49 51.77 34.83 10.94 32.03 202 124 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 5320.00 111.69 ------ ------ 97.87 34.84 10.97 31.99 202 124 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 5350.17 53.48 54.00 -0.52 39.74 34.83 10.94 32.03 202 124 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 5320.00 103.75 ------ ------ 89.93 34.84 10.97 31.99 202 124 AVERAGE

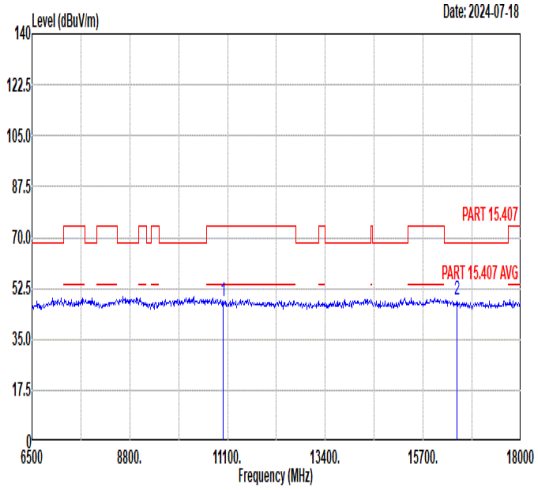
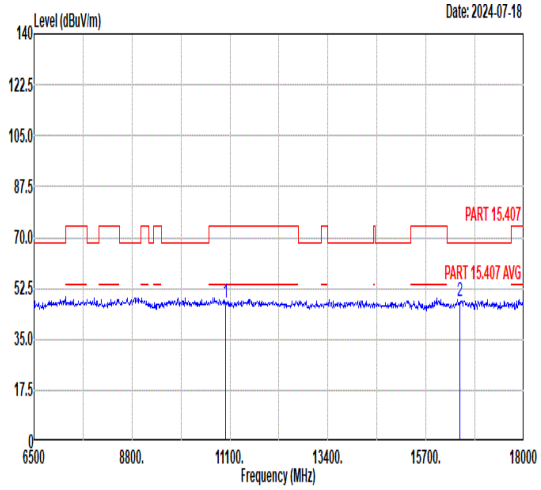
Mode	10	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz	
ANT	CDD 1+3	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.17 66.86 74.00 -7.14 53.12 34.83 10.94 32.03 400 239 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 5320.00 112.02 ------ ------ 98.20 34.84 10.97 31.99 400 239 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 5350.00 52.53 54.00 -1.47 38.79 34.83 10.94 32.03 400 239 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 5320.00 102.70 ------ ------ 88.88 34.84 10.97 31.99 400 239 AVERAGE

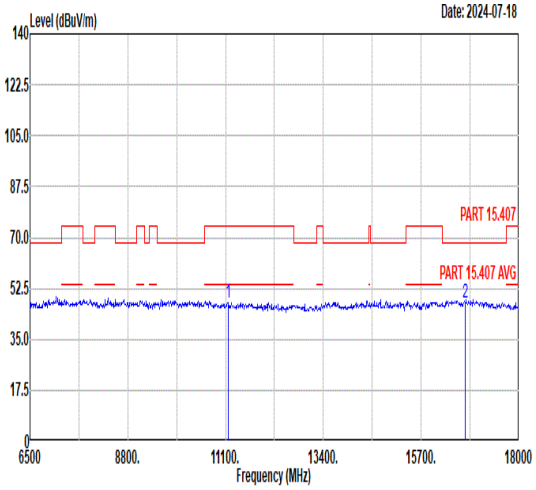
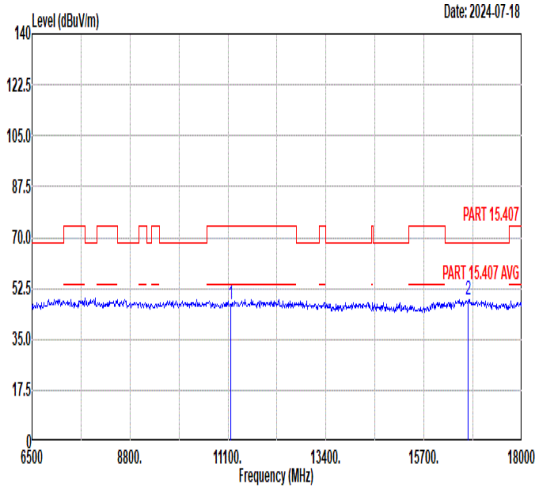
Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10640.00 48.48 74.00 -25.52 45.49 39.47 14.32 50.80 -- -- Peak 2 15960.00 48.66 74.00 -25.34 41.16 42.08 17.19 51.77 -- -- 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 10640.00 47.53 74.00 -26.47 44.54 39.47 14.32 50.80 -- -- Peak 2 15960.00 47.86 74.00 -26.14 40.36 42.08 17.19 51.77 -- -- Peak

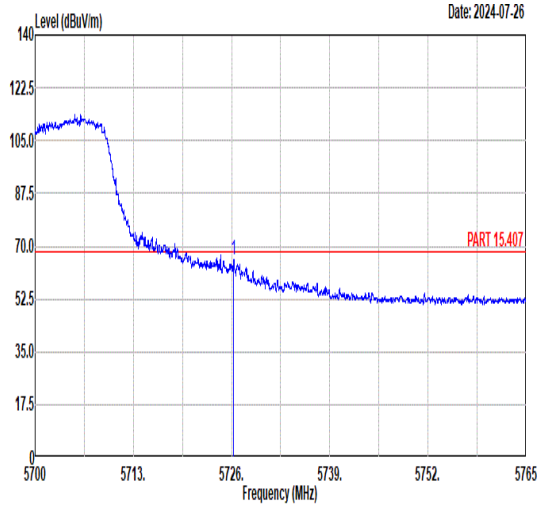
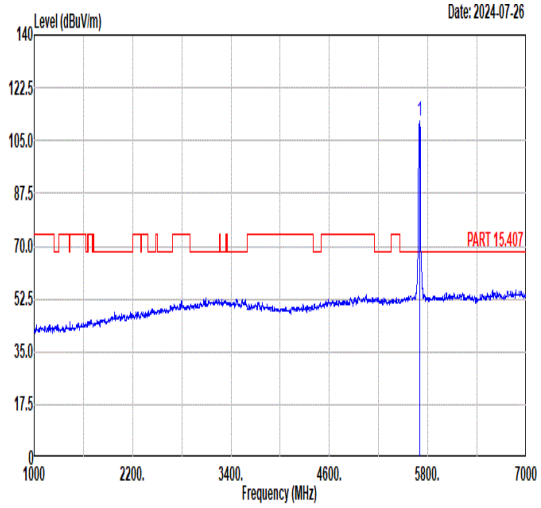
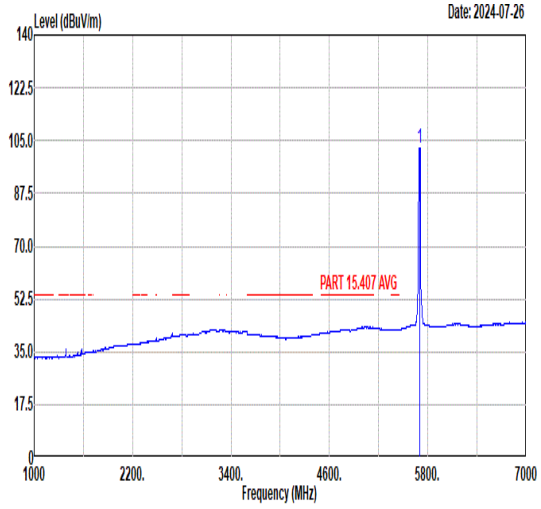
Note: Only the worst case has assessed 18G ~40GHz to test.

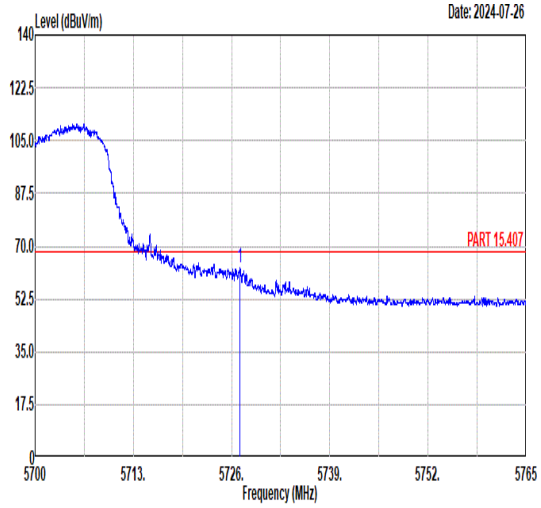
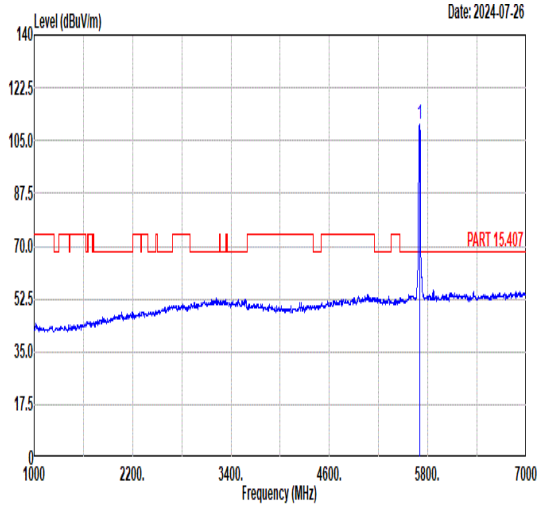
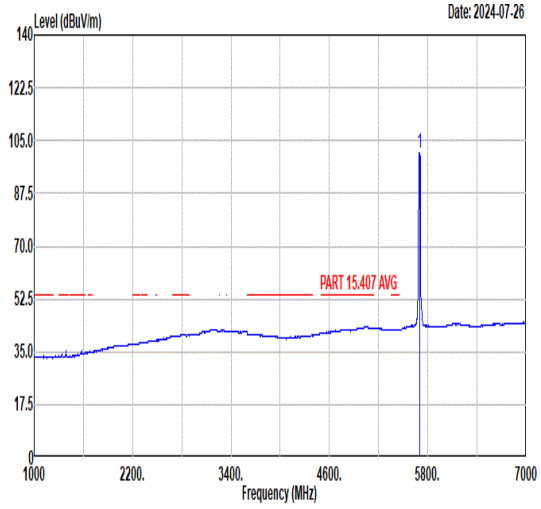
Mode	11	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ax HE20_CH100_5500MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.29 54.55 74.00 -19.45 40.78 34.81 11.12 32.16 400 140 PEAK 2 5469.63 61.58 68.30 -6.72 47.79 34.81 11.16 32.18 400 140 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 5500.00 108.28 ------ ------ 94.43 34.80 11.25 32.20 400 140 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 5460.00 43.89 54.00 -10.11 30.13 34.81 11.12 32.17 400 140 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 98.55 ------ ------ 84.70 34.80 11.25 32.20 400 140 AVERAGE

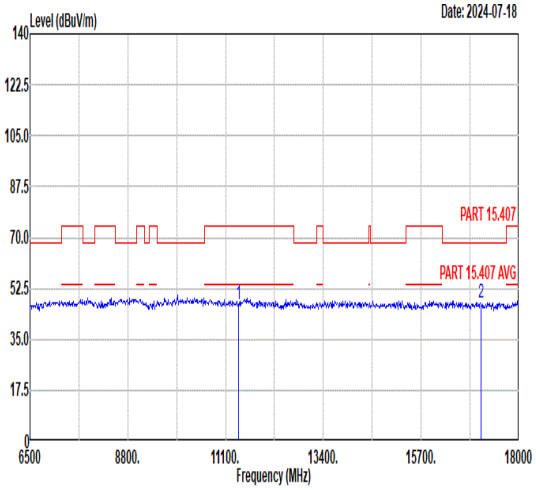
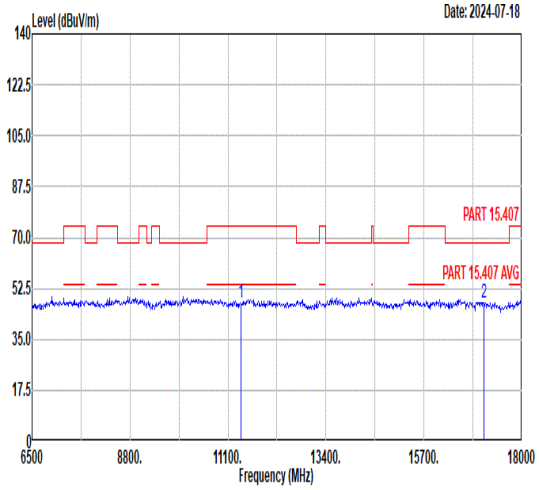
Mode	11	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ax HE20_CH100_5500MHz	
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5458.98 53.17 74.00 -20.83 39.40 34.81 11.12 32.16 400 206 PEAK 2 5469.48 62.10 68.30 -6.20 48.31 34.81 11.16 32.18 400 206 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 5500.00 109.66 ------ ------ 95.80 34.80 11.27 32.21 400 206 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 5459.73 43.56 54.00 -10.44 29.79 34.81 11.12 32.16 400 206 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 99.81 ------ ------ 85.95 34.80 11.27 32.21 400 206 AVERAGE

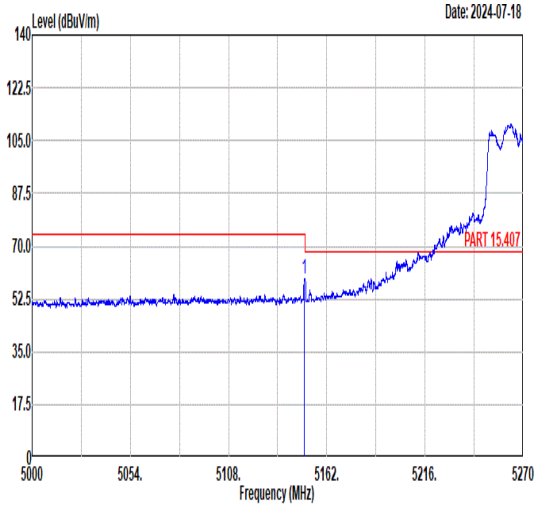
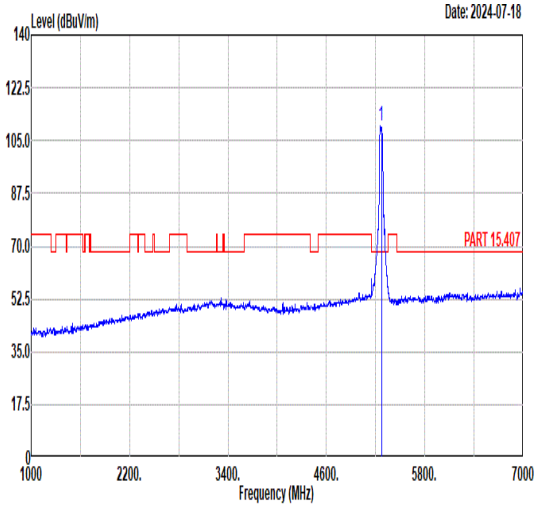
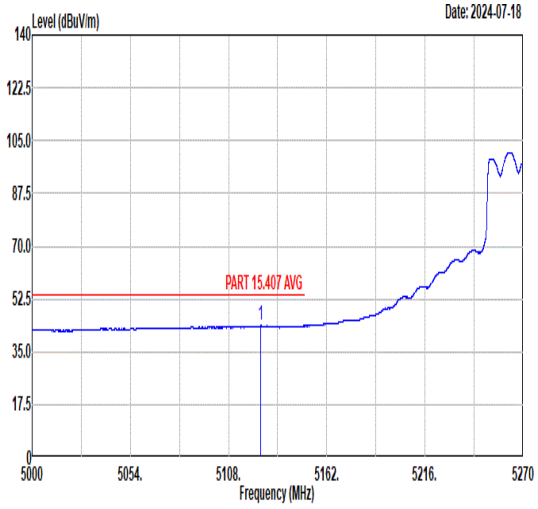
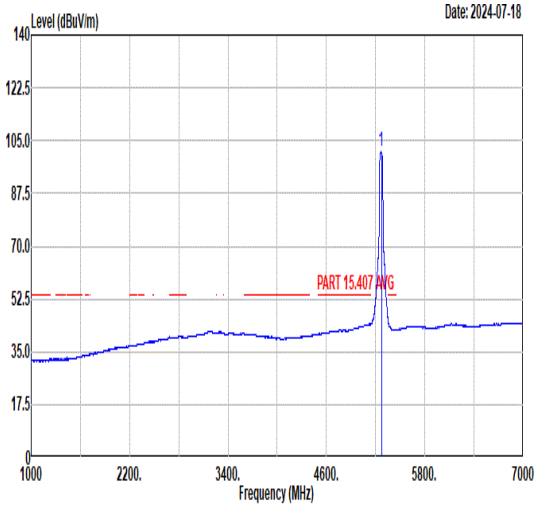
Mode	11	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ax HE20_CH100_5500MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 47.90 74.00 -26.10 44.76 39.40 14.54 50.80 -- -- Peak 2 16500.00 48.38 68.30 -19.92 40.42 42.40 17.36 51.80 -- -- 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 47.61 74.00 -26.39 44.47 39.40 14.54 50.80 -- -- Peak 2 16500.00 47.90 68.30 -20.40 39.94 42.40 17.36 51.80 -- -- Peak

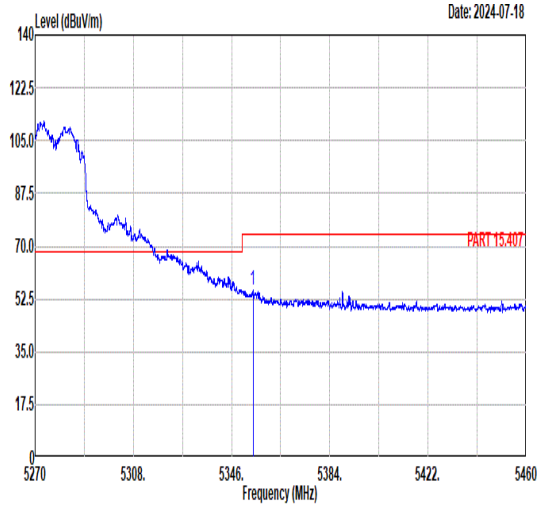
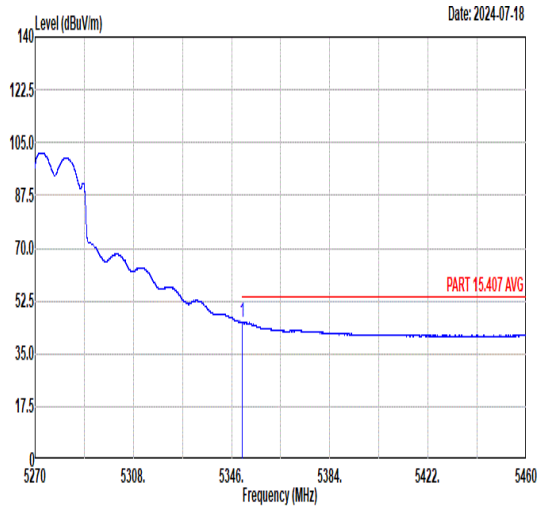
Mode	12	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ax HE20_CH116_5580MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 47.30 74.00 -26.70 43.90 39.53 14.64 50.77 -- -- Peak 2 16740.00 47.77 68.30 -20.53 39.64 42.45 17.43 51.75 -- -- 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 11160.00 46.94 74.00 -27.06 43.54 39.53 14.64 50.77 -- -- Peak 2 16740.00 48.35 68.30 -19.95 40.22 42.45 17.43 51.75 -- -- Peak

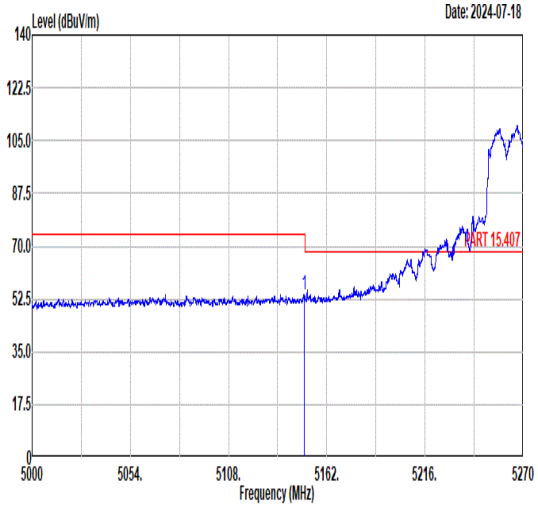
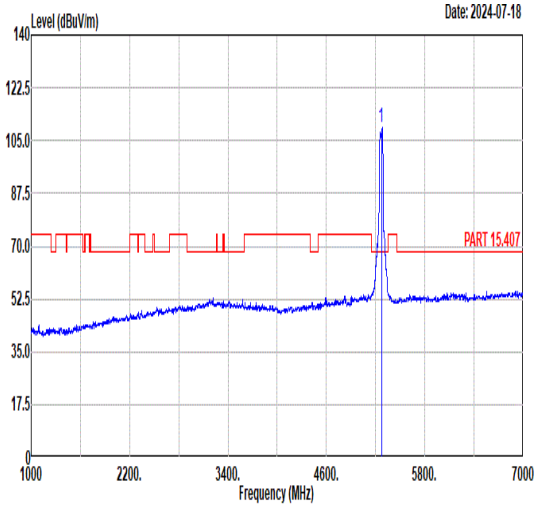
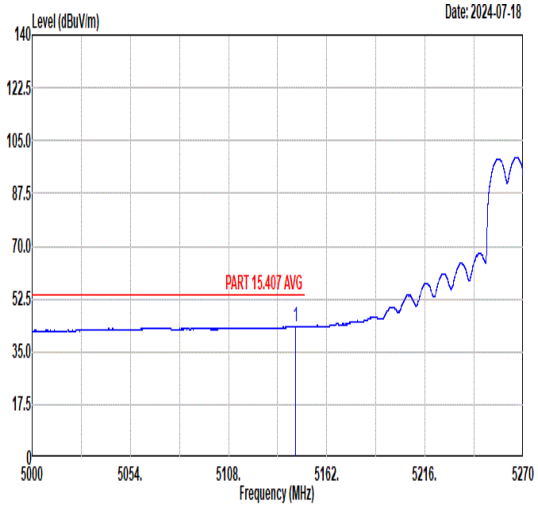
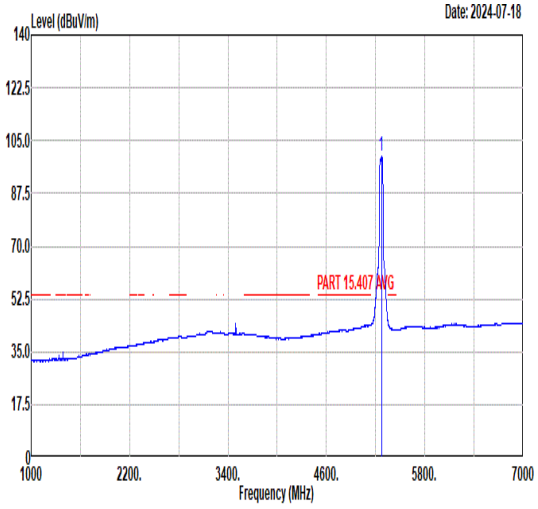
Mode	13	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ax HE20_CH140_5700MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5726.30 65.73 68.30 -2.57 51.35 35.12 11.65 32.39 288 288 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 5700.00 111.56 ------ ------ 97.19 35.08 11.66 32.37 288 288 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 5700.00 102.65 ------ ------ 88.28 35.08 11.66 32.37 288 288 AVERAGE

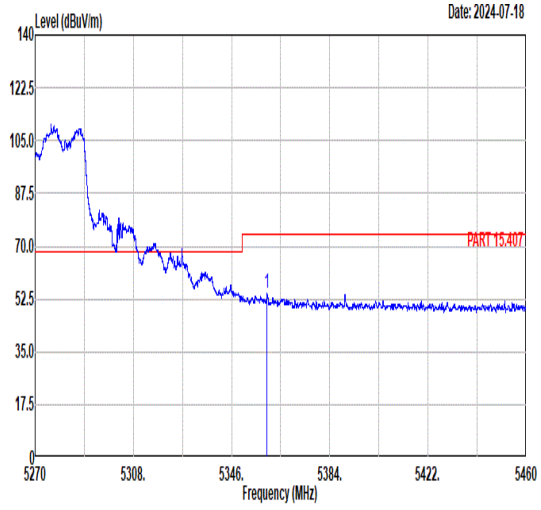
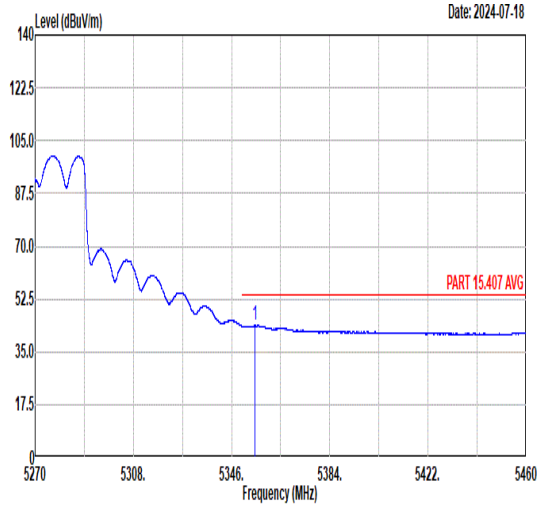
Mode	13	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ax HE20_CH140_5700MHz	
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5727.14 62.69 68.30 -5.61 48.31 35.12 11.65 32.39 200 283 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 5700.00 110.24 ------ ------ 95.87 35.08 11.66 32.37 200 283 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 5700.00 100.71 ------ ------ 86.33 35.07 11.67 32.36 200 283 AVERAGE

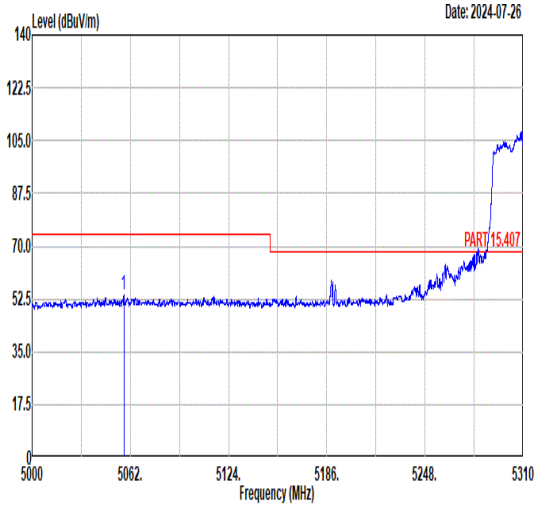
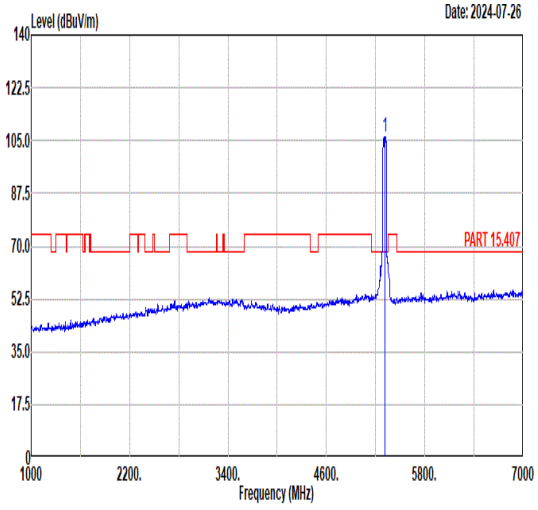
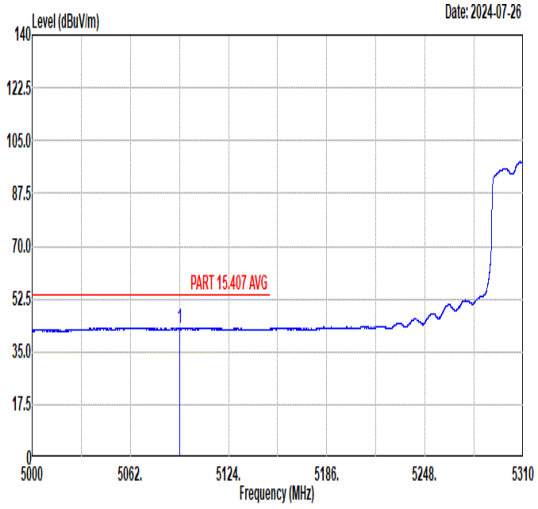
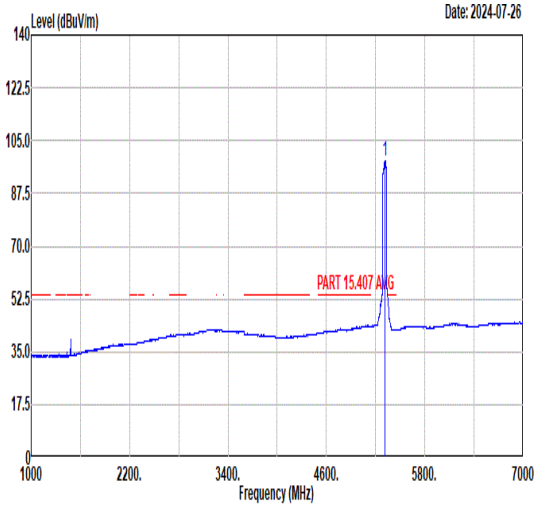
Mode	13	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ax HE20_CH140_5700MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 46.96 74.00 -27.04 43.18 39.72 14.78 50.72 -- -- Peak 2 17100.00 47.74 68.30 -20.56 39.55 42.46 17.53 51.80 -- -- 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 47.48 74.00 -26.52 43.70 39.72 14.78 50.72 -- -- Peak 2 17100.00 47.32 68.30 -20.98 39.13 42.46 17.53 51.80 -- -- Peak

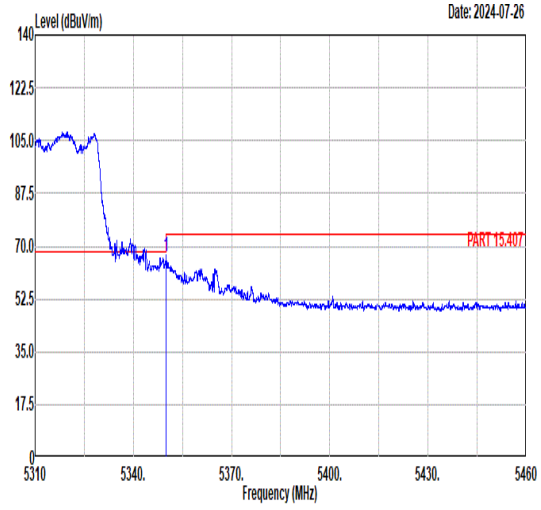
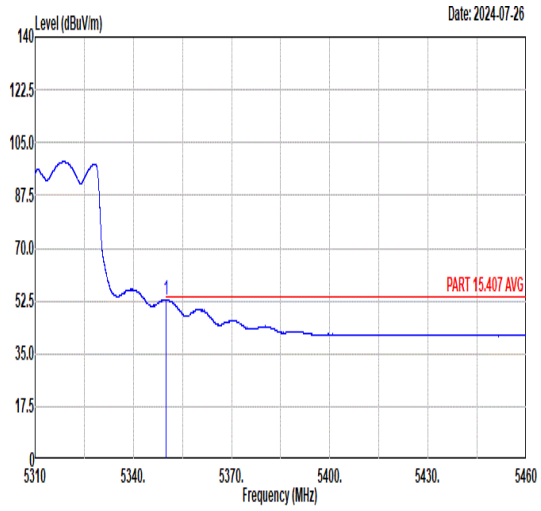
Mode	14	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE40_CH54_5270MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.72 59.05 74.00 -14.95 44.87 34.87 11.09 31.78 299 165 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 5270.00 109.83 ------ ------ 95.87 34.85 11.02 31.91 299 165 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 5125.69 43.74 54.00 -10.26 29.52 34.87 11.10 31.75 299 165 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 5270.00 101.47 ------ ------ 87.54 34.85 11.01 31.93 299 165 AVERAGE

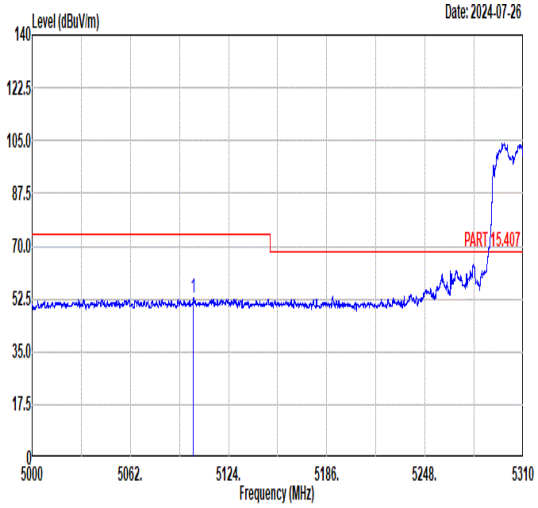
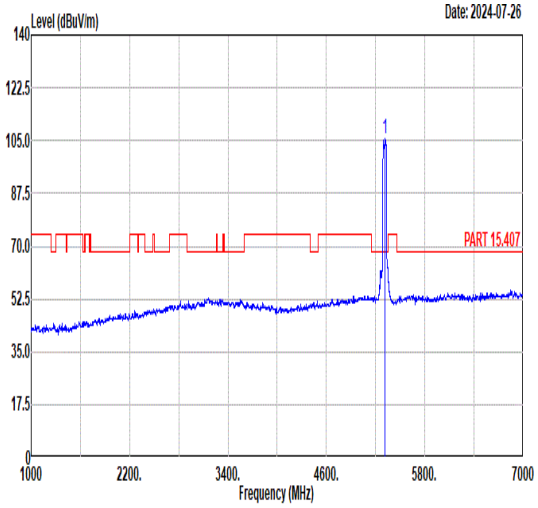
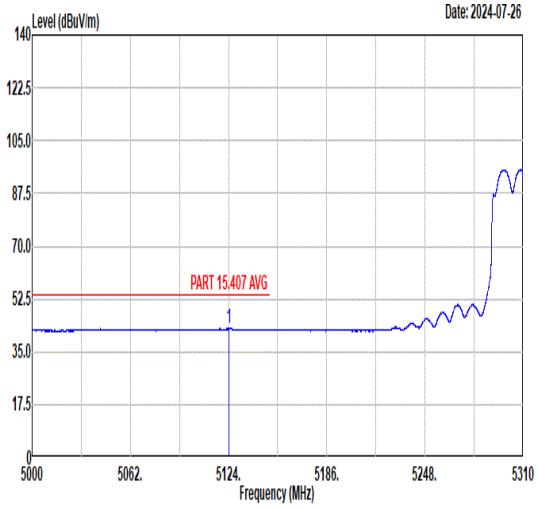
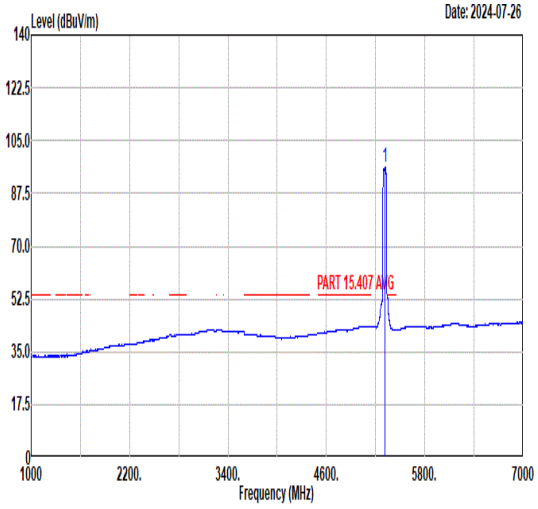
Mode	14	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE40_CH54_5270MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5354.27 55.35 74.00 -18.65 41.61 34.83 10.94 32.03 299 165 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 5350.01 45.47 54.00 -8.53 31.73 34.83 10.94 32.03 299 165 AVERAGE	Blank

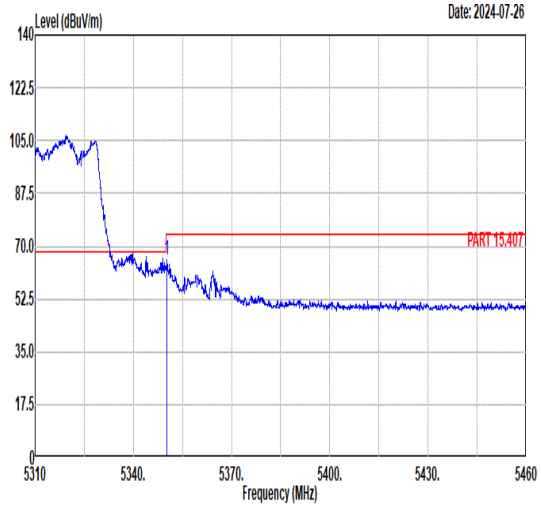
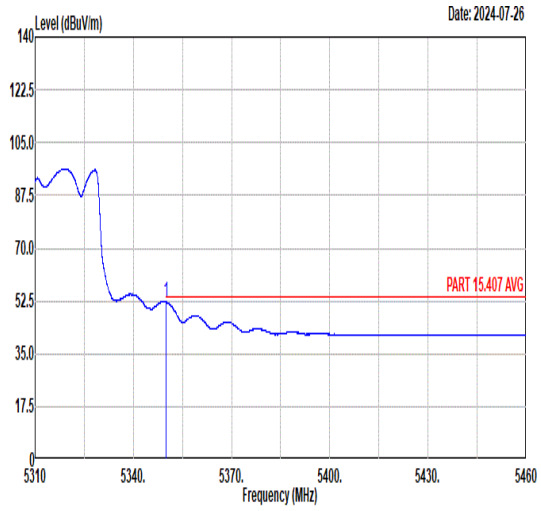
Mode	14	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE40_CH54_5270MHz	
ANT	CDD 1+3	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.72 53.85 74.00 -20.15 39.67 34.87 11.09 31.78 368 248 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 5270.00 109.47 ------ ------ 95.57 34.84 11.00 31.94 368 248 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 5144.88 43.38 54.00 -10.62 29.20 34.87 11.09 31.78 368 248 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 99.60 ------ ------ 85.70 34.84 11.00 31.94 368 248 AVERAGE

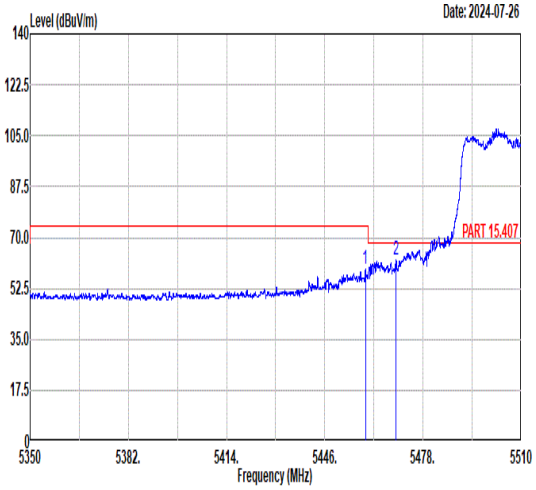
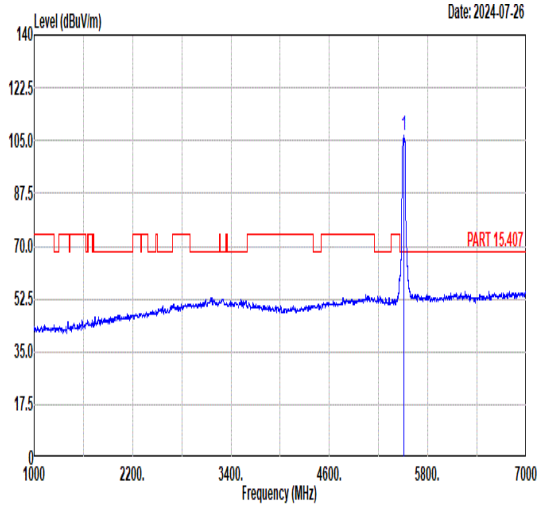
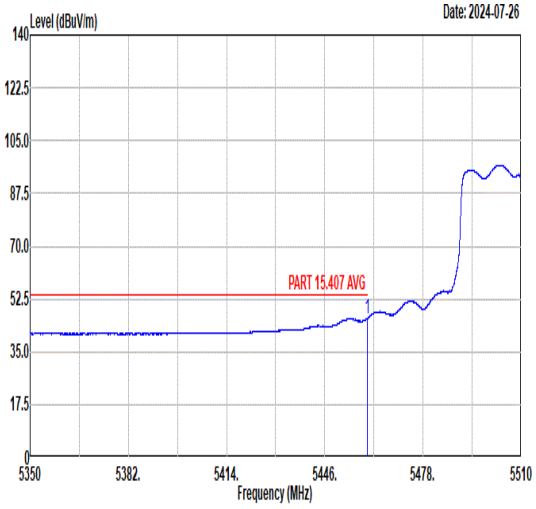
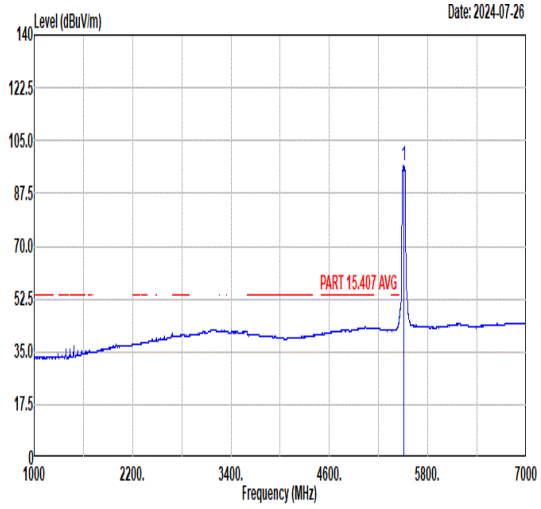
Mode	14	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE40_CH54_5270MHz	
ANT	CDD 1+3	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5359.59 54.23 74.00 -19.77 40.50 34.83 10.94 32.04 368 248 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 5355.04 43.73 54.00 -10.27 30.00 34.83 10.94 32.04 368 248 AVERAGE	Blank

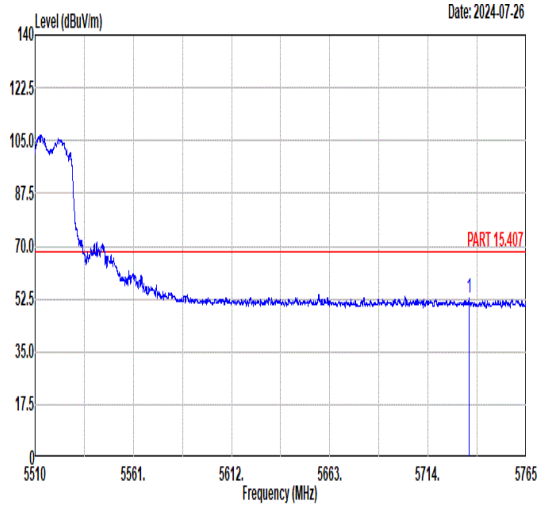
Mode	15	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE40_CH62_5310MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5057.85 53.64 74.00 -20.36 39.28 34.89 11.14 31.67 378 181 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 5310.00 106.37 ------ ------ 92.52 34.84 10.98 31.97 378 181 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 5093.12 42.77 54.00 -11.23 28.48 34.88 11.12 31.71 378 181 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 98.48 ------ ------ 84.66 34.84 10.97 31.99 378 181 AVERAGE

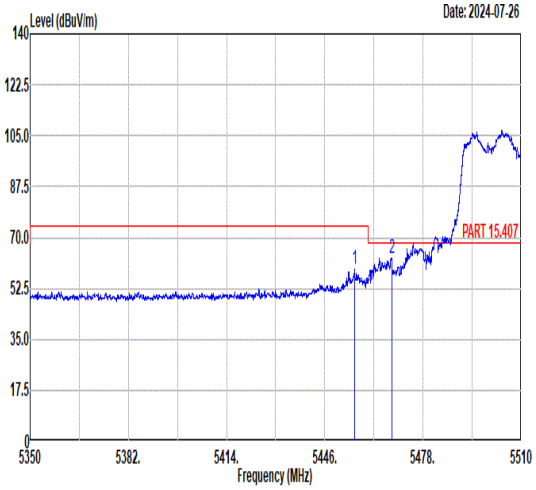
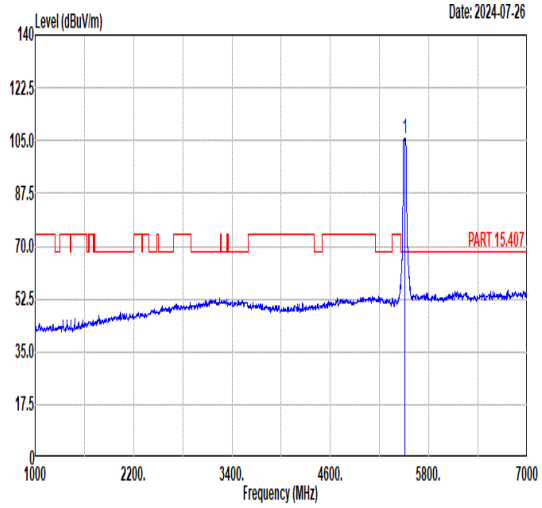
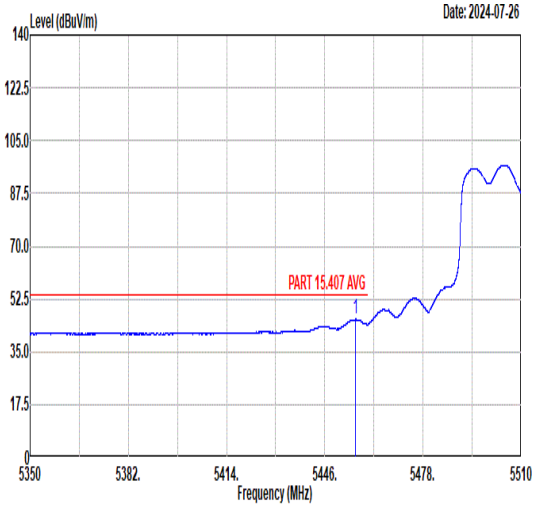
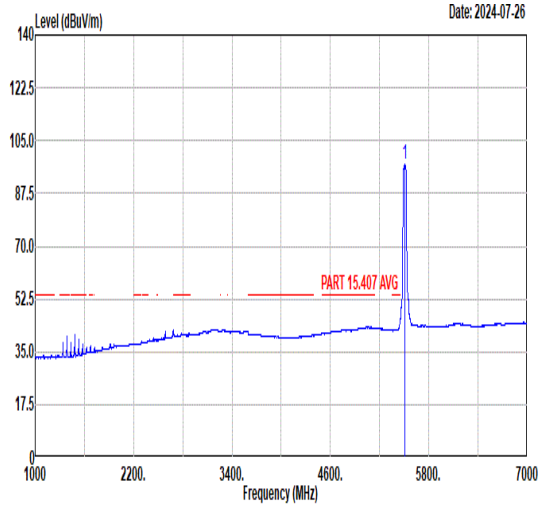
Mode	15	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE40_CH62_5310MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.01 66.80 74.00 -7.20 53.06 34.83 10.94 32.03 378 181 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 5350.01 52.79 54.00 -1.21 39.05 34.83 10.94 32.03 378 181 AVERAGE	Blank

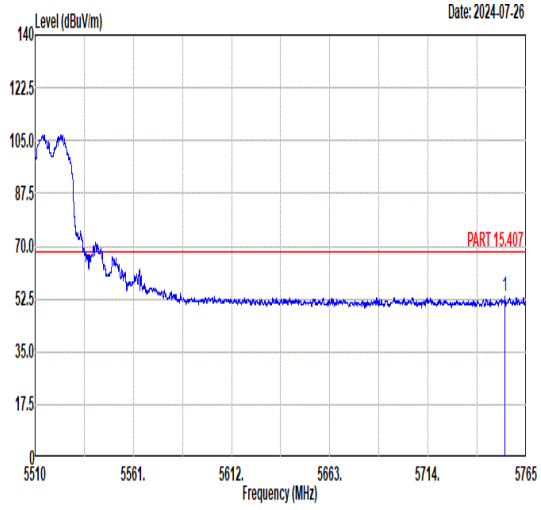
Mode	15	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE40_CH62_5310MHz	
ANT	CDD 1+3	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5101.84 52.80 74.00 -21.20 38.53 34.88 11.11 31.72 400 249 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 5310.00 105.55 ------ ------ 91.73 34.84 10.97 31.99 400 249 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 5124.19 42.63 54.00 -11.37 28.40 34.88 11.10 31.75 400 249 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 96.08 ------ ------ 82.26 34.84 10.97 31.99 400 249 AVERAGE

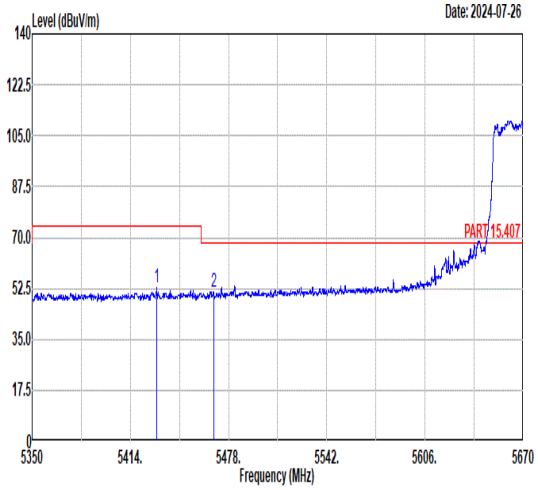
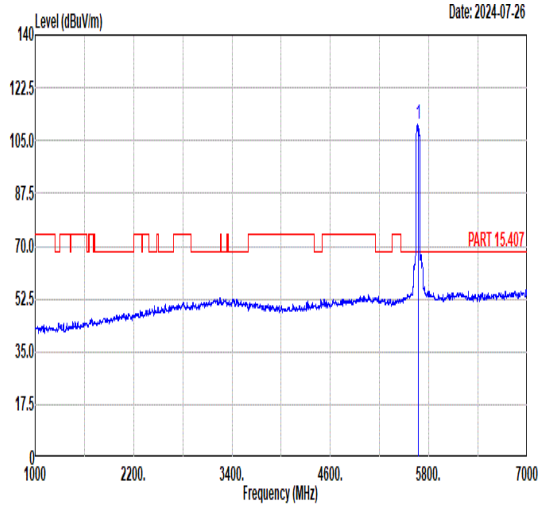
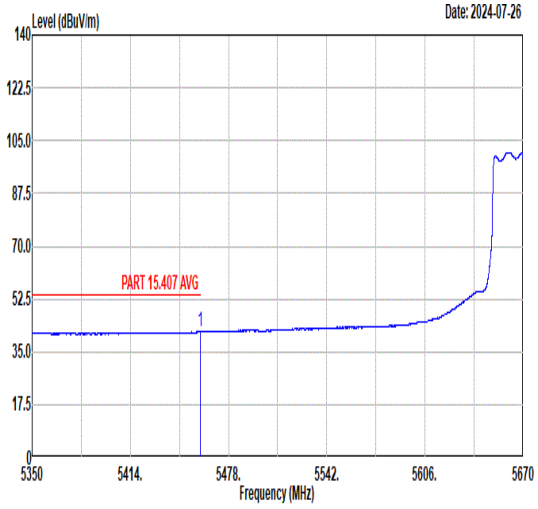
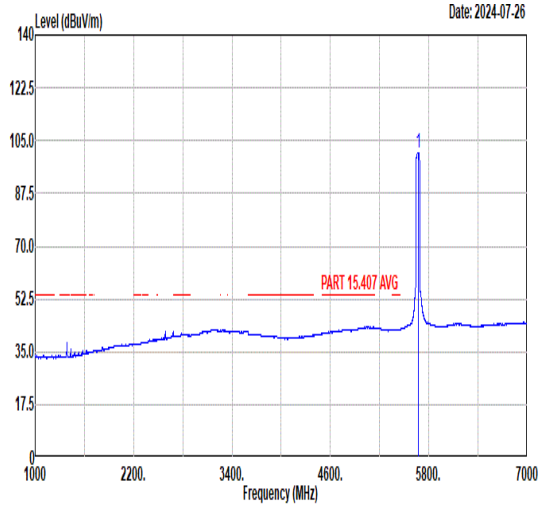
Mode	15	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE40_CH62_5310MHz	
ANT	CDD 1+3	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.29 65.75 74.00 -8.25 52.01 34.83 10.94 32.03 400 249 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 5350.01 52.13 54.00 -1.87 38.39 34.83 10.94 32.03 400 249 AVERAGE	Blank

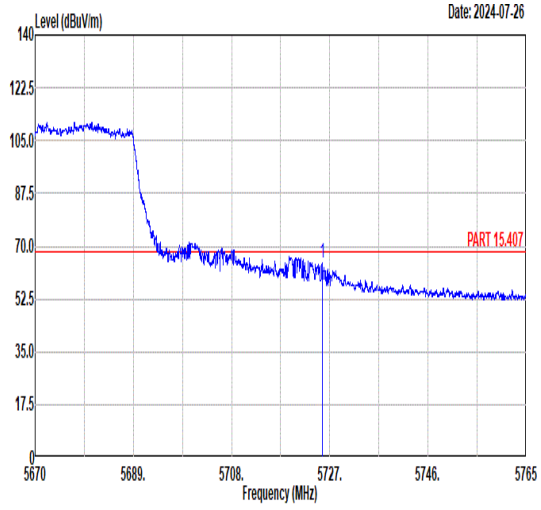
Mode	16	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE40_CH102_5510MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.22 59.10 74.00 -14.90 45.33 34.81 11.12 32.16 324 325 PEAK 2 5469.14 62.09 68.30 -6.21 48.30 34.81 11.16 32.18 324 325 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 5510.00 106.81 ------ ------ 92.90 34.81 11.32 32.22 324 325 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 5459.84 46.22 54.00 -7.78 32.46 34.81 11.12 32.17 324 325 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 96.81 ------ ------ 82.90 34.81 11.32 32.22 324 325 AVERAGE

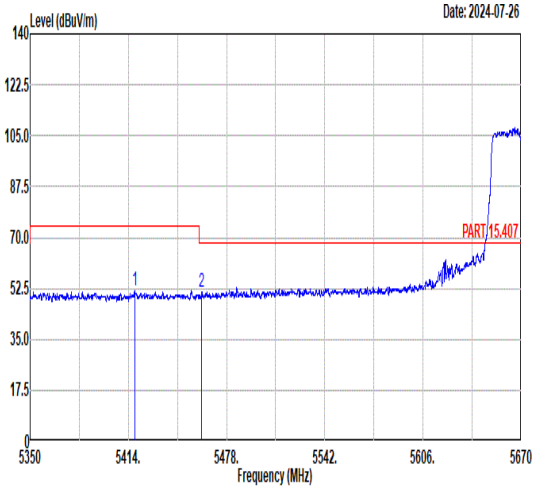
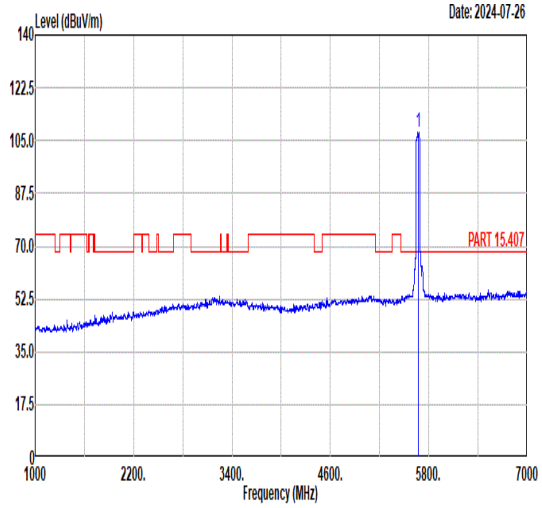
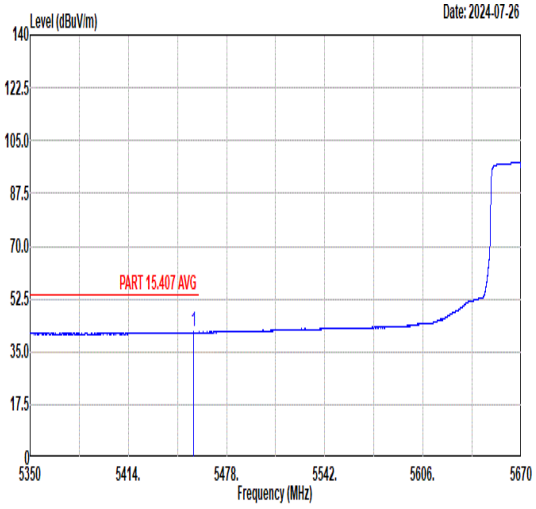
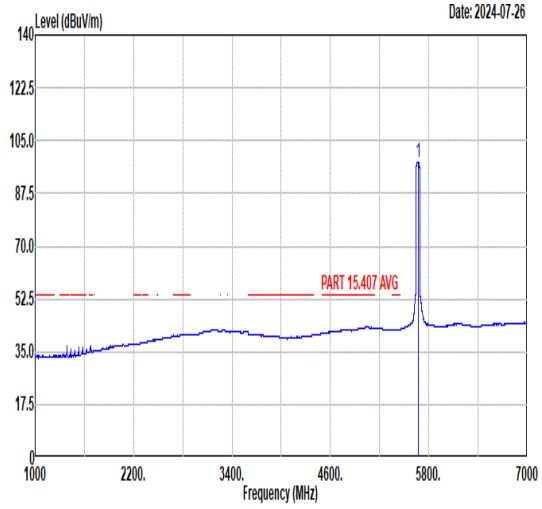
Mode	16	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE40_CH102_5510MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5735.32 52.80 68.30 -15.50 38.41 35.13 11.65 32.39 324 325 PEAK	Blank

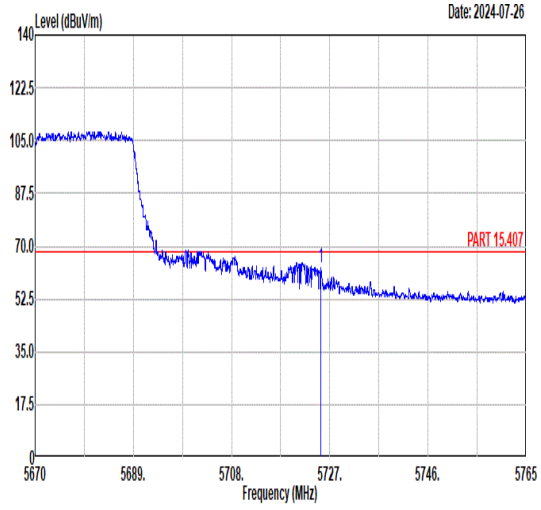
Mode	16	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE40_CH102_5510MHz	
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5455.68 59.12 74.00 -14.88 45.37 34.81 11.10 32.16 316 0 PEAK 2 5467.84 63.03 68.30 -5.27 49.25 34.81 11.15 32.18 316 0 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 5510.00 105.84 ------ ------ 91.93 34.81 11.32 32.22 316 0 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 5456.02 45.74 54.00 -8.26 31.99 34.81 11.10 32.16 316 0 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 97.00 ------ ------ 83.09 34.81 11.32 32.22 316 0 AVERAGE

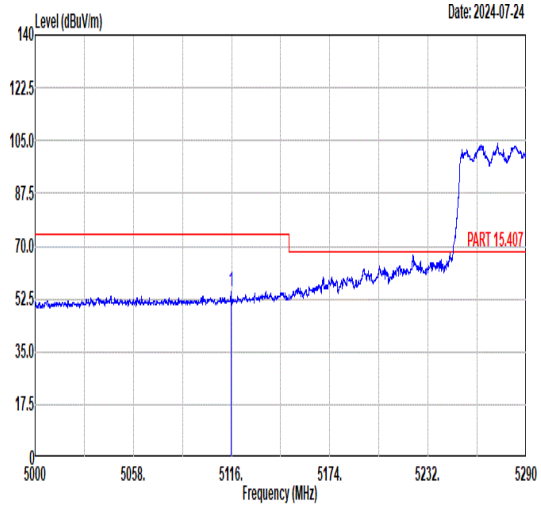
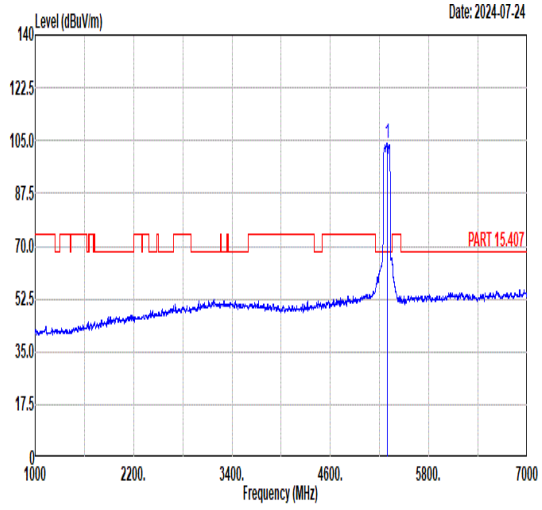
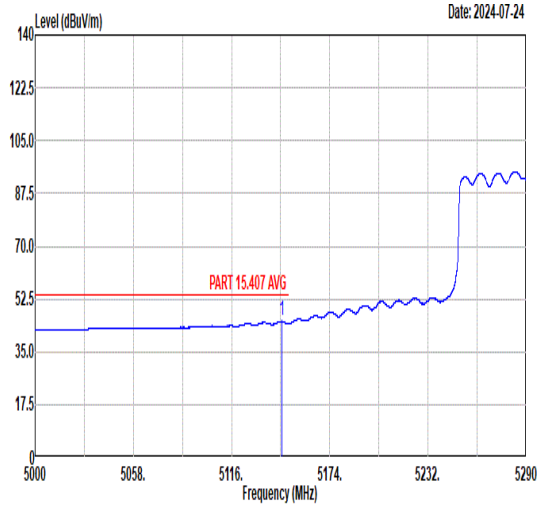
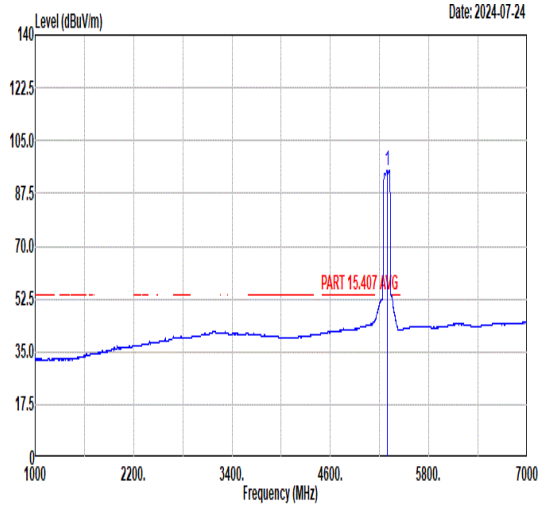
Mode	16	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE40_CH102_5510MHz	
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5753.91 53.24 68.30 -15.06 38.85 35.16 11.64 32.41 316 0 PEAK	Blank

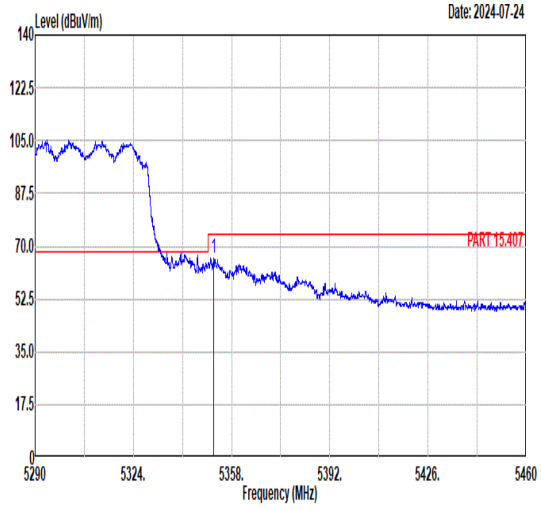
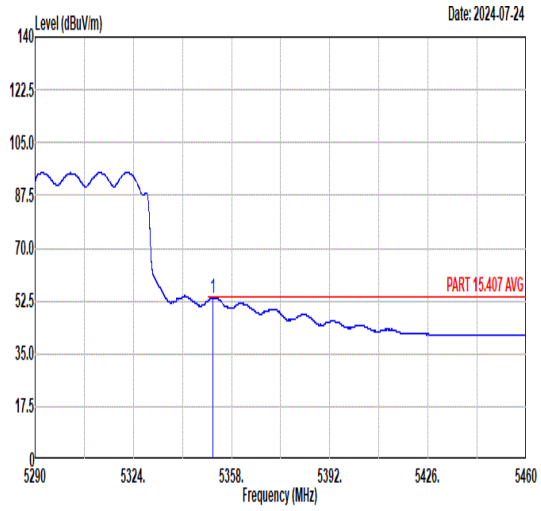
Mode	17	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE40_CH134_5670MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5431.15 52.65 74.00 -21.35 38.97 34.81 11.00 32.13 281 284 PEAK 2 5468.27 51.47 68.30 -16.83 37.69 34.81 11.15 32.18 281 284 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 5670.00 110.15 ------ ------ 95.78 35.02 11.68 32.33 281 284 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 5459.60 41.62 54.00 -12.38 27.85 34.81 11.12 32.16 281 284 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 5670.00 100.83 ------ ------ 86.46 35.02 11.68 32.33 281 284 AVERAGE

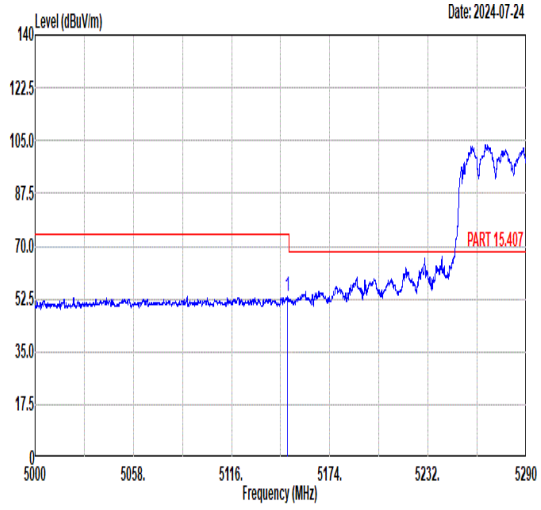
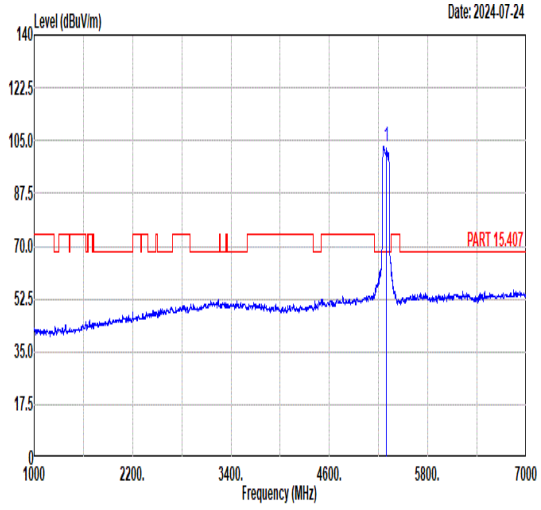
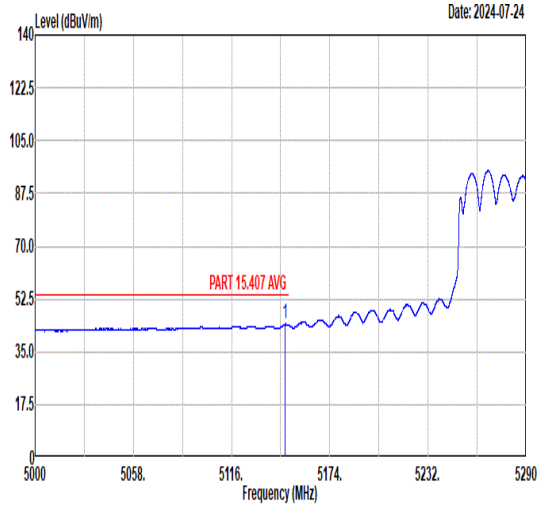
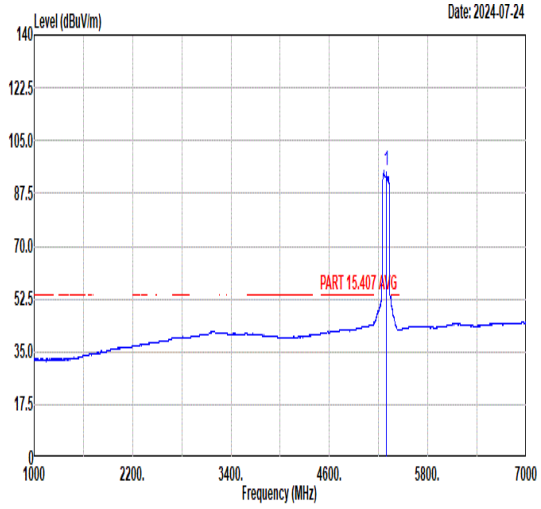
Mode	17	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE40_CH134_5670MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5725.53 64.29 68.30 -4.01 49.91 35.12 11.65 32.39 281 284 PEAK	Blank

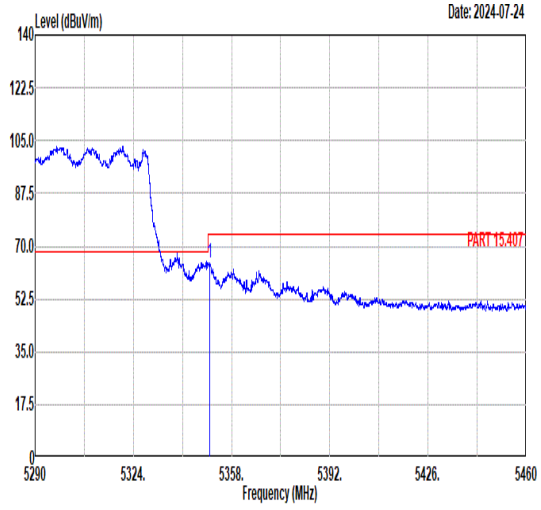
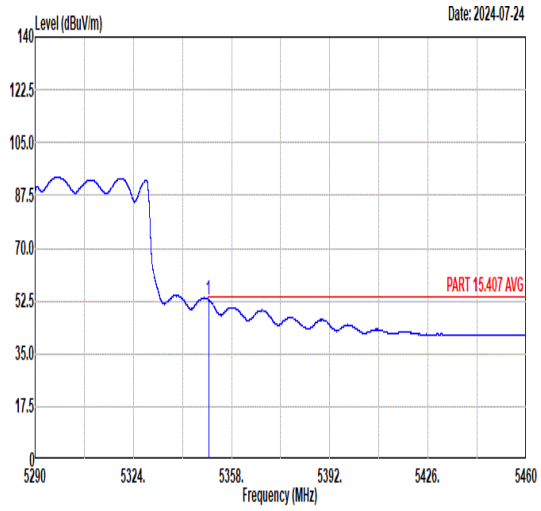
Mode	17	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE40_CH134_5670MHz	
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5418.03 51.68 74.00 -22.32 38.02 34.82 10.95 32.11 188 272 PEAK 2 5461.84 51.45 68.30 -16.85 37.68 34.81 11.13 32.17 188 272 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5670.00 108.02 ------ ------ 93.64 35.06 11.67 32.35 188 272 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5456.43 41.48 54.00 -12.52 27.72 34.81 11.11 32.16 188 272 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5670.00 97.97 ------ ------ 83.60 35.03 11.68 32.34 188 272 AVERAGE

Mode	17	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE40_CH134_5670MHz	
ANT	CDD 2+4	
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 5725.24 63.09 68.30 -5.21 48.71 35.12 11.65 32.39 188 272 PEAK	Blank

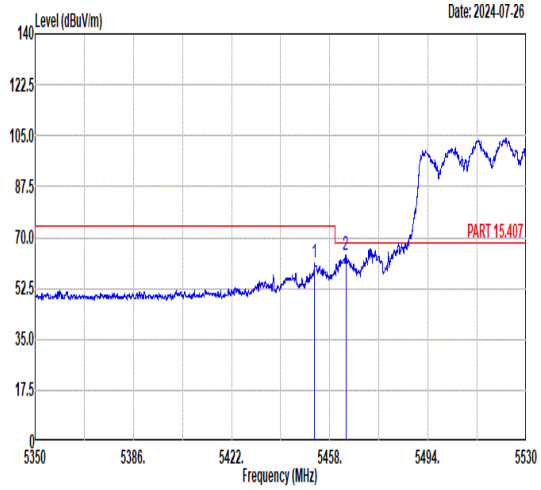
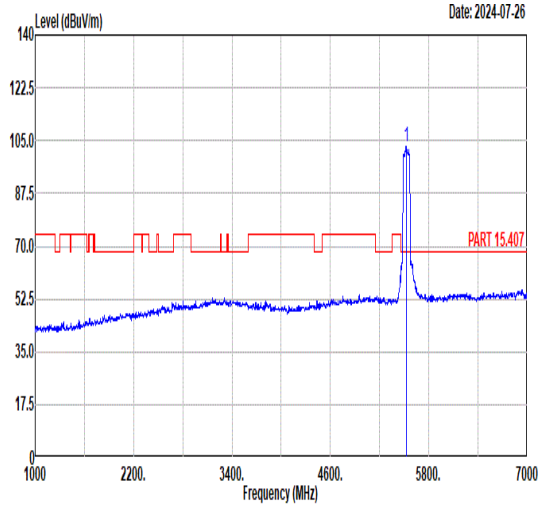
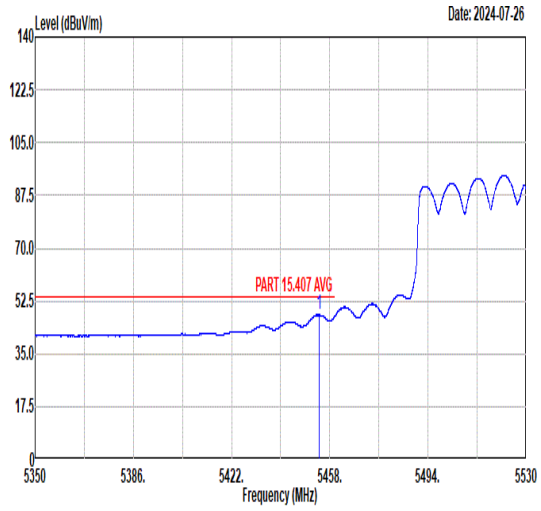
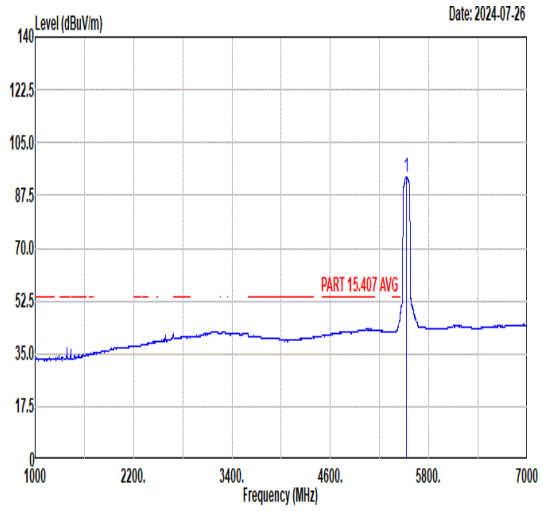
Mode	18	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE80_CH58_5290MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5115.59 54.88 74.00 -19.12 40.64 34.88 11.10 31.74 199 264 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 5290.00 104.01 ------ ------ 90.14 34.84 10.99 31.96 199 264 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 5145.67 45.19 54.00 -8.81 31.01 34.87 11.09 31.78 199 264 AVERAGE	 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 5290.00 95.00 ------ ------ 81.18 34.84 10.97 31.99 199 264 AVERAGE

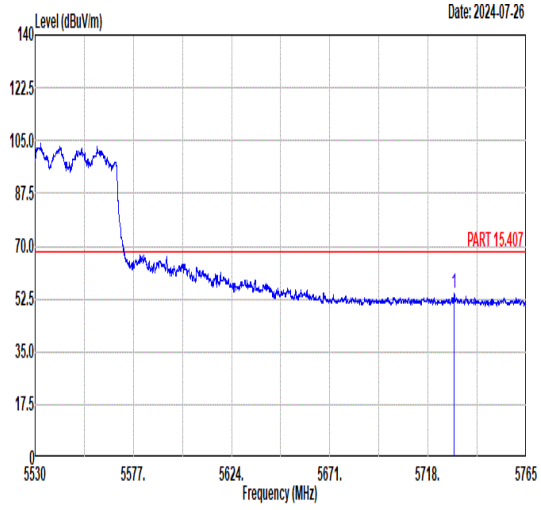
Mode	18	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE80_CH58_5290MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5351.80 66.01 74.00 -7.99 52.27 34.83 10.94 32.03 199 264 PEAK	Blank
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 5351.64 53.47 54.00 -0.53 39.73 34.83 10.94 32.03 199 264 AVERAGE	Blank

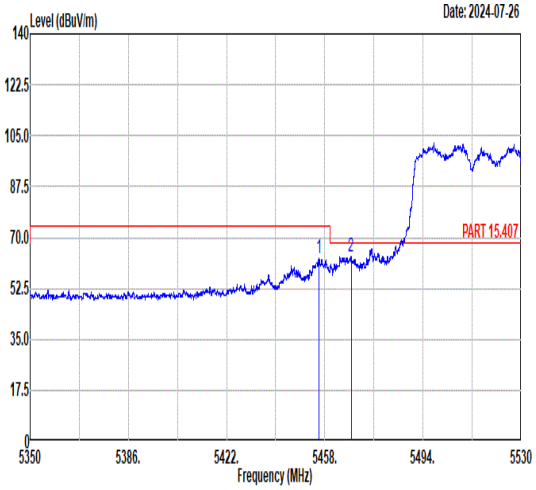
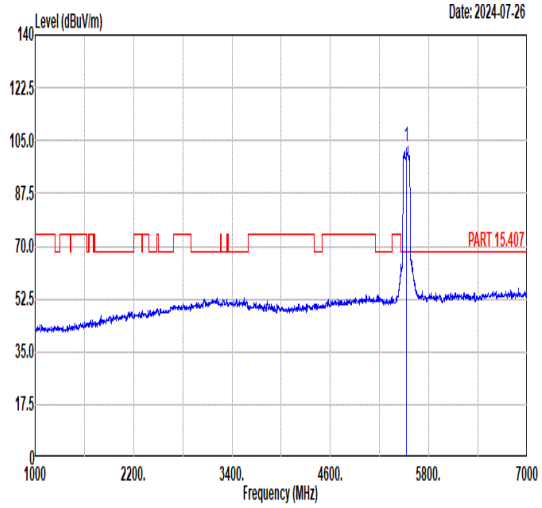
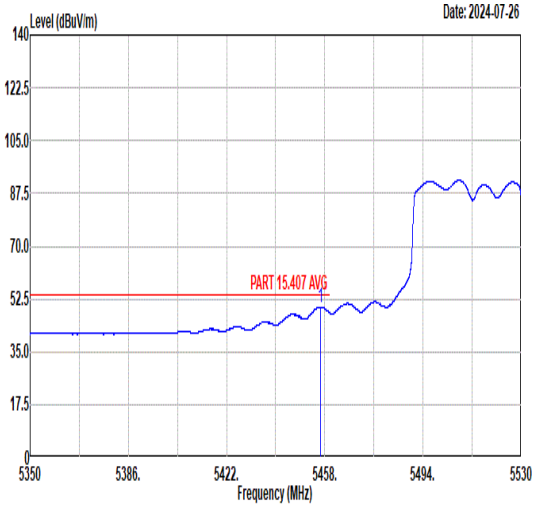
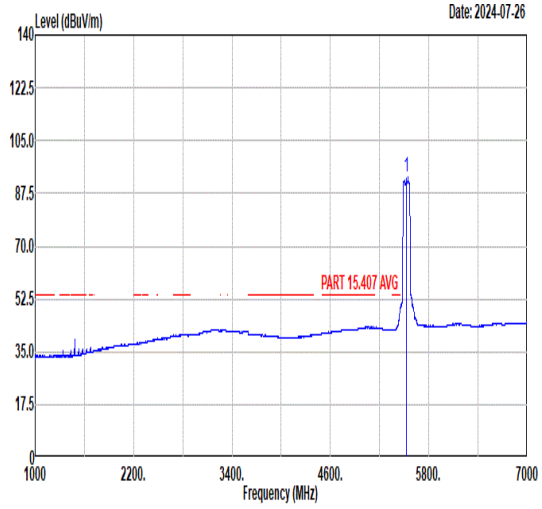
Mode	18	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE80_CH58_5290MHz	
ANT	CDD 1+3	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5148.94 53.40 74.00 -20.60 39.22 34.87 11.09 31.78 400 244 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 5290.00 103.23 ------ ------ 89.27 34.85 11.02 31.91 400 244 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 5147.76 44.13 54.00 -9.87 29.95 34.87 11.09 31.78 400 244 AVERAGE	 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 5290.00 94.84 ------ ------ 80.90 34.85 11.01 31.92 400 244 AVERAGE

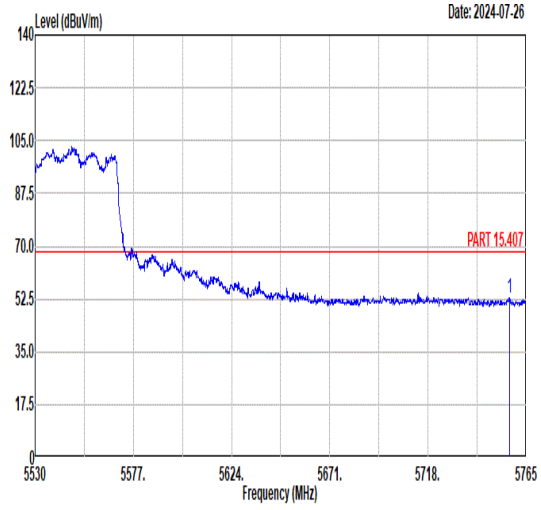
Mode	18	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE80_CH58_5290MHz	
ANT	CDD 1+3	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5350.44 64.43 74.00 -9.57 50.69 34.83 10.94 32.03 400 244 PEAK	Blank
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 5350.01 52.84 54.00 -1.16 39.10 34.83 10.94 32.03 400 244 AVERAGE	Blank

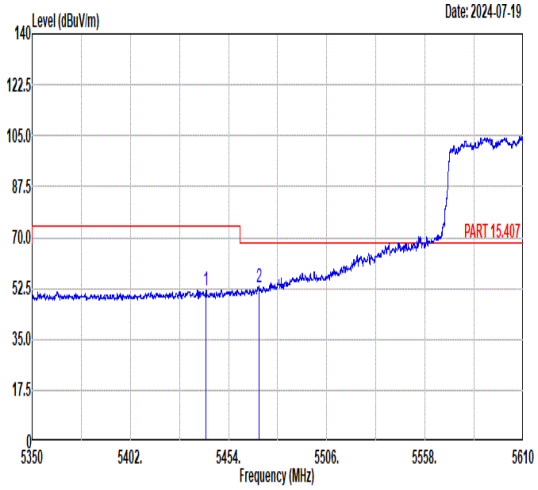
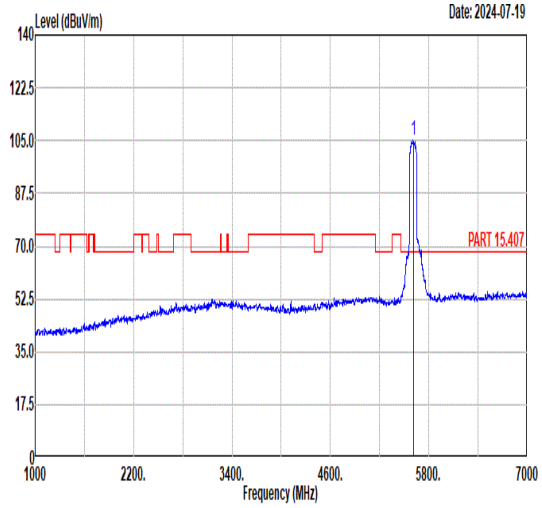
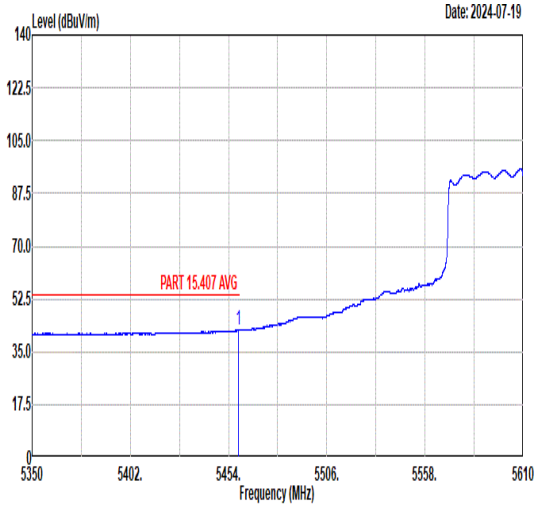
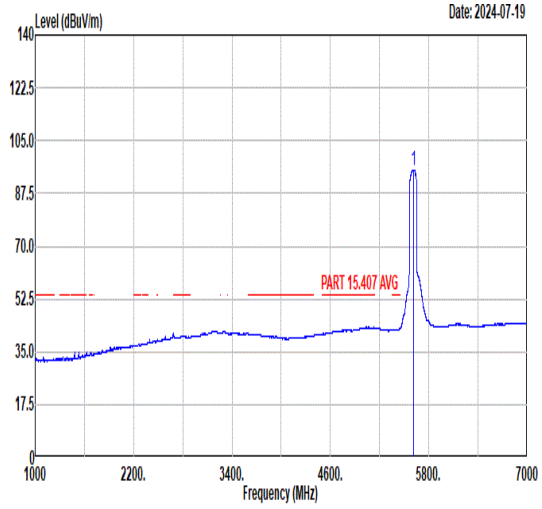
Mode	19
	Band Edge - L
	U-NII-2C_5.47-5.725_802.11ax HE80_CH106_5530MHz
ANT	CDD 2+4

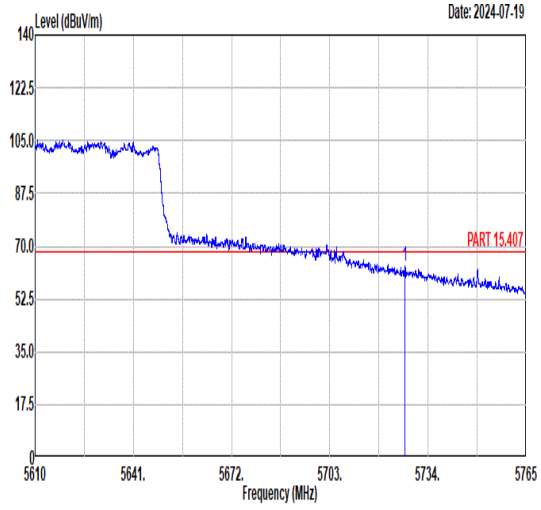
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5452.35 61.15 74.00 -12.85 47.41 34.81 11.09 32.16 398 338 PEAK 2 5463.85 64.01 68.30 -4.29 50.23 34.81 11.14 32.17 398 338 PEAK	 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 5530.00 102.96 ------ ------ 88.99 34.83 11.37 32.23 398 338 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 5454.13 47.91 54.00 -6.09 34.16 34.81 11.10 32.16 398 338 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 93.76 ------ ------ 79.79 34.83 11.37 32.23 398 338 AVERAGE

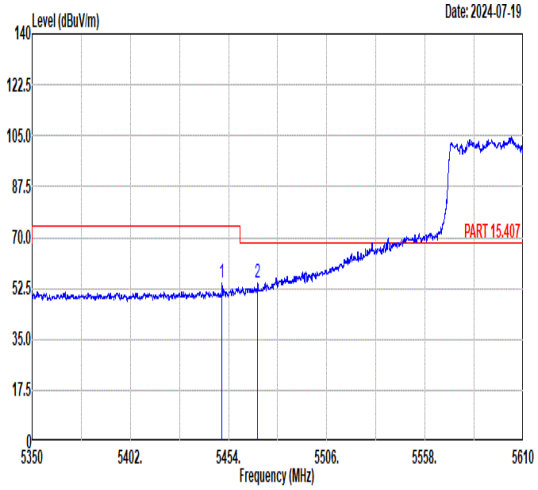
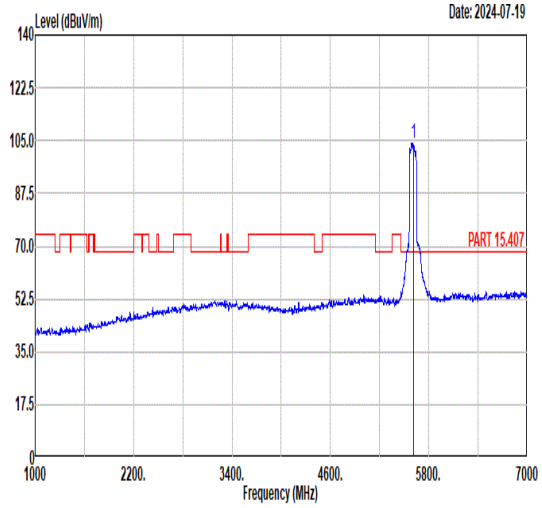
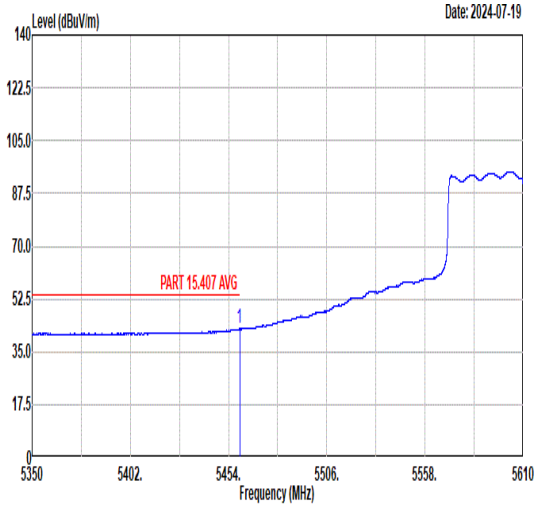
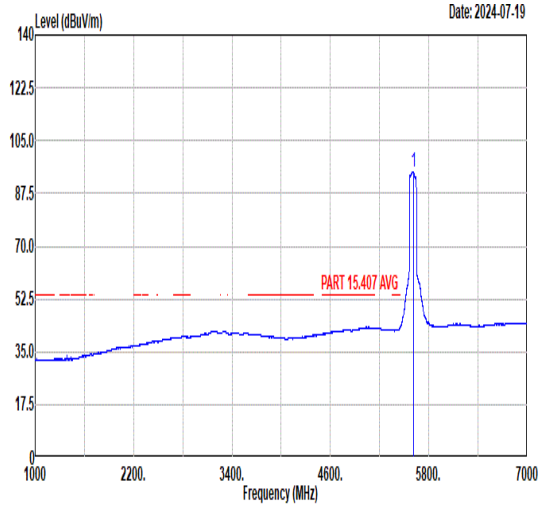
Mode	19	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE80_CH106_5530MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Limit Margin Read Ant Cable Preamp APos TPos Freq Level Line (dB) Level Factor Loss Factor Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5730.57 54.51 68.30 -13.79 40.13 35.12 11.65 32.39 398 338 PEAK	Blank

Mode	19	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE80_CH106_5530MHz	
ANT	CDD 2+4	
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 5455.75 63.13 74.00 -10.87 49.38 34.81 11.10 32.16 397 99 PEAK 2 5467.63 63.61 68.30 -4.69 49.82 34.81 11.15 32.17 397 99 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 5530.00 103.11 ------ ------ 89.02 34.86 11.47 32.24 397 99 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 5456.47 49.86 54.00 -4.14 36.10 34.81 11.11 32.16 397 99 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 92.82 ------ ------ 78.73 34.86 11.47 32.24 397 99 AVERAGE

Mode	19	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE80_CH106_5530MHz	
ANT	CDD 2+4	
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 5756.92 52.88 68.30 -15.42 38.49 35.16 11.64 32.41 397 99 PEAK	Blank

Mode	20	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE80_CH122_5610MHz	
ANT	CDD 2+4	
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 5441.94 52.00 74.00 -22.00 38.28 34.81 11.05 32.14 320 277 PEAK 2 5469.99 53.05 68.30 -15.25 39.26 34.81 11.16 32.18 320 277 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 5610.00 105.15 ------ ------ 90.78 34.95 11.71 32.29 320 277 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 5459.10 42.18 54.00 -11.82 28.41 34.81 11.12 32.16 320 277 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 95.29 ------ ------ 80.92 34.95 11.71 32.29 320 277 AVERAGE

Mode	20	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE80_CH122_5610MHz	
ANT	CDD 2+4	
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 5726.81 63.40 68.30 -4.90 49.02 35.12 11.65 32.39 320 277 PEAK	Blank

Mode	20	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE80_CH122_5610MHz	
ANT	CDD 2+4	
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 5450.52 54.36 74.00 -19.64 40.62 34.81 11.08 32.15 178 255 PEAK 2 5469.21 54.17 68.30 -14.13 40.38 34.81 11.16 32.18 178 255 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 5610.00 103.97 ------ ------ 89.62 34.94 11.70 32.29 178 255 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 5459.85 42.70 54.00 -11.30 28.94 34.81 11.12 32.17 178 255 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 5610.00 94.79 ------ ------ 80.44 34.94 11.70 32.29 178 255 AVERAGE

Mode	20	
	Band Edge - R	
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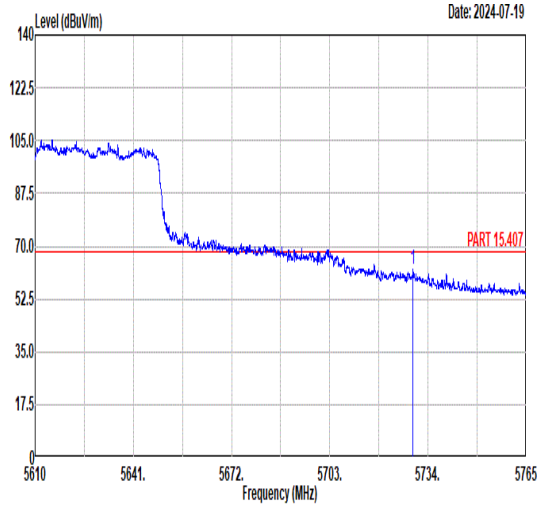
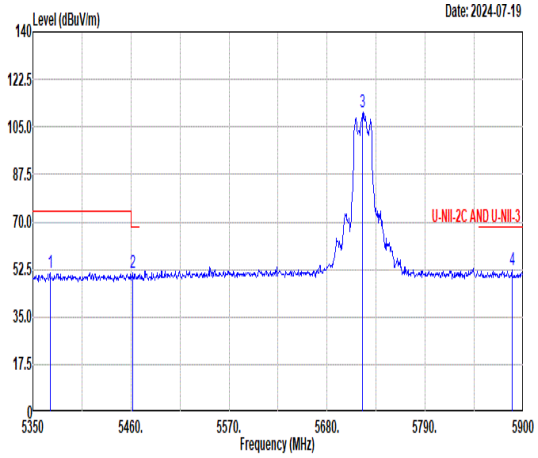
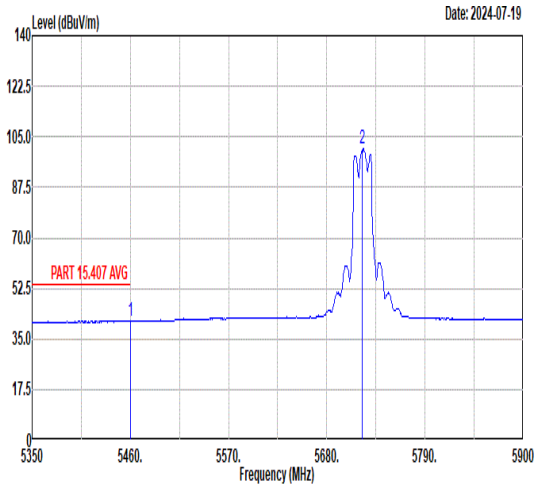
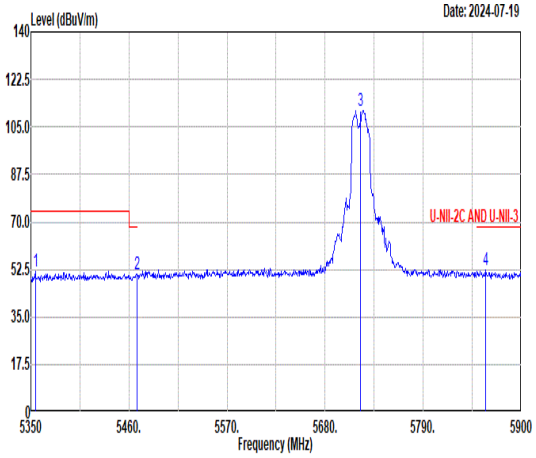
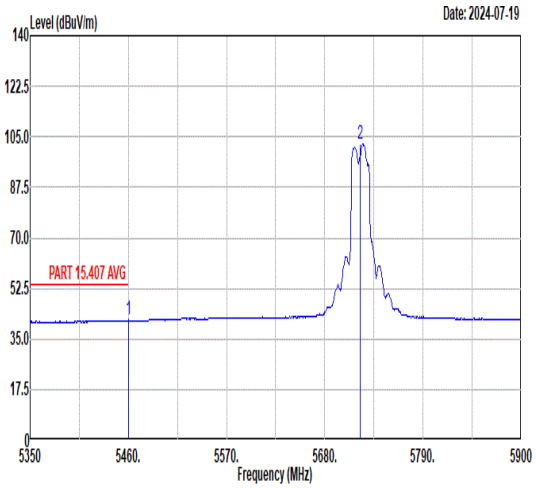
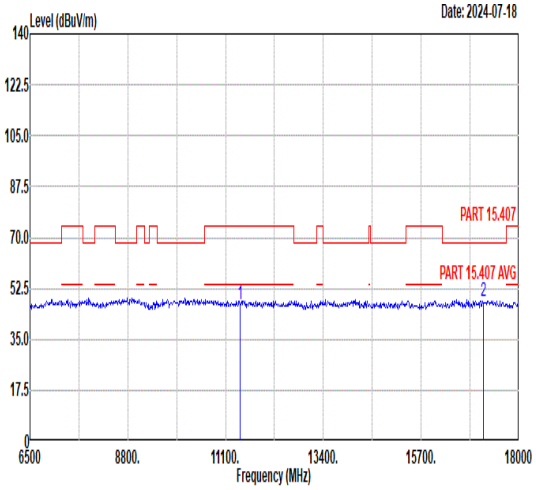
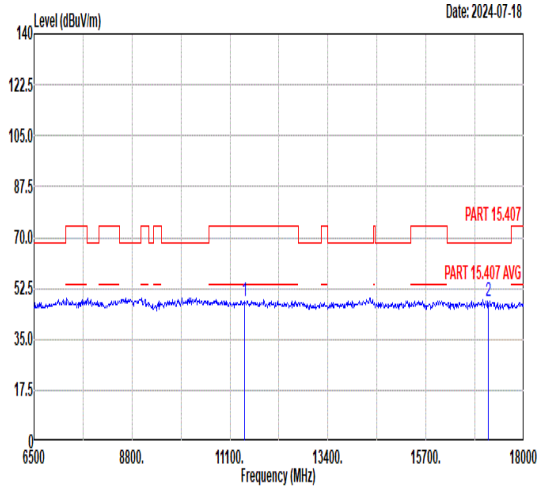
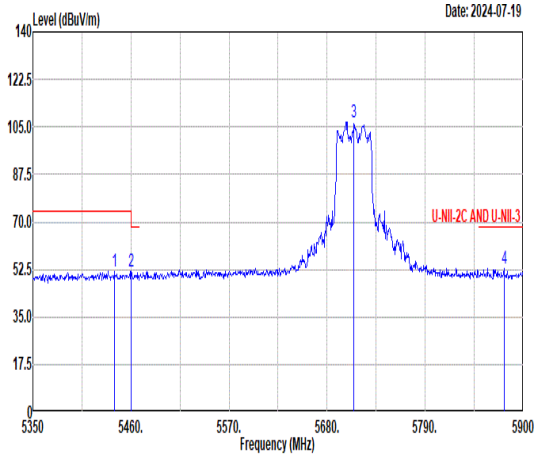
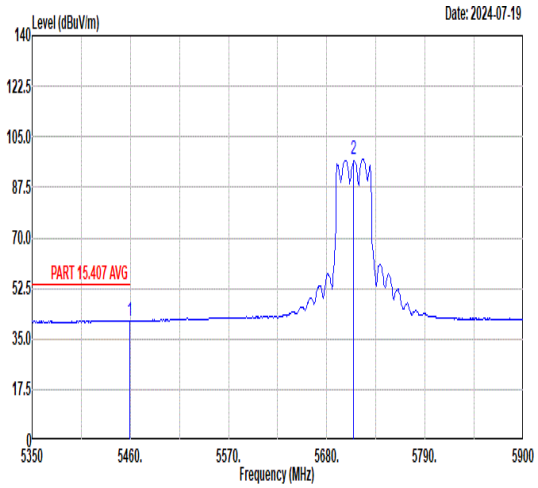
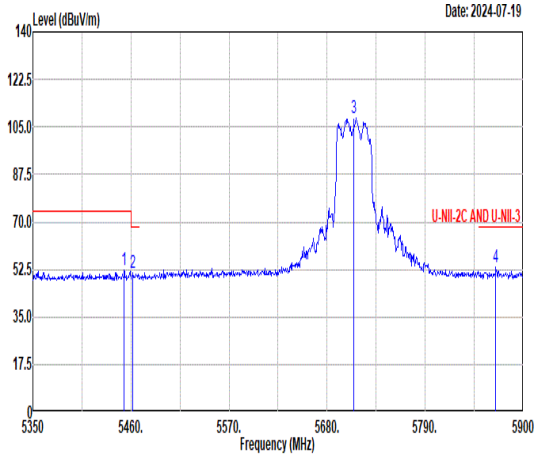
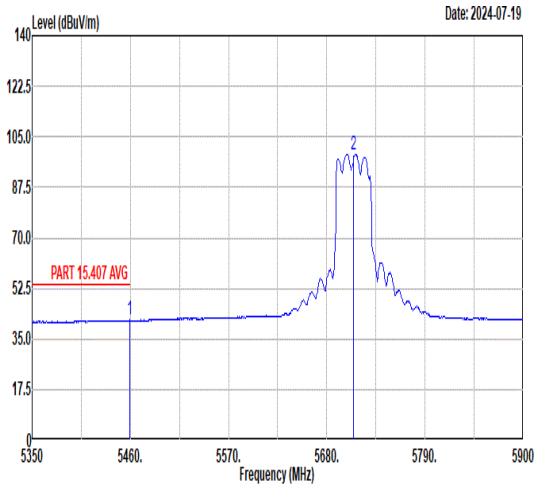
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5729.27 62.10 68.30 -6.20 47.72 35.12 11.65 32.39 178 255 PEAK	Blank

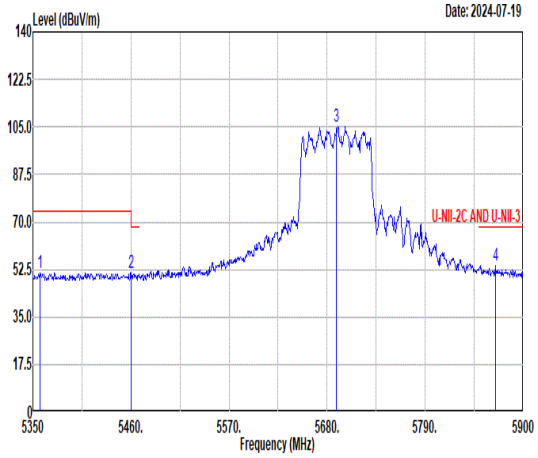
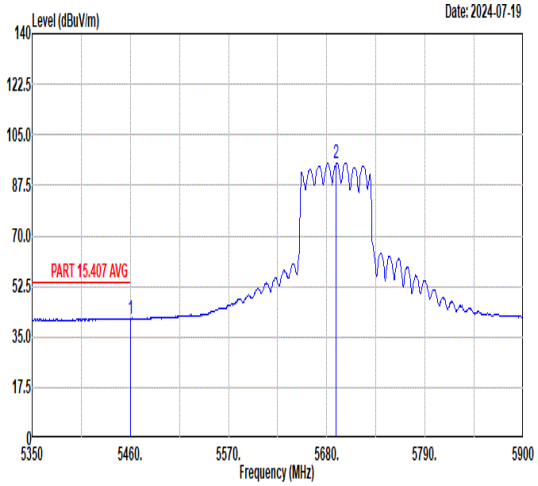
Mode	21	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ax HE20_CH144_Full RU_5720MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5369.25 51.47 74.00 -22.53 37.76 34.83 10.93 32.05 100 101 Peak 2 5461.65 51.03 68.30 -17.27 37.26 34.81 11.13 32.17 100 101 Peak 3 5720.00 110.27 ------ ------ 95.88 35.11 11.66 32.38 100 101 Peak 4 5887.35 52.18 68.30 -16.12 37.88 35.34 11.47 32.51 100 101 Peak	Blank
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 5460.00 41.26 54.00 -12.74 27.50 34.81 11.12 32.17 100 101 Average 2 5720.00 100.70 ------ ------ 86.31 35.11 11.66 32.38 100 101 Average	Blank

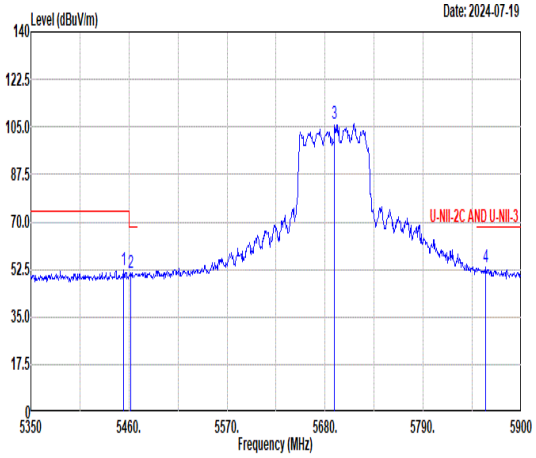
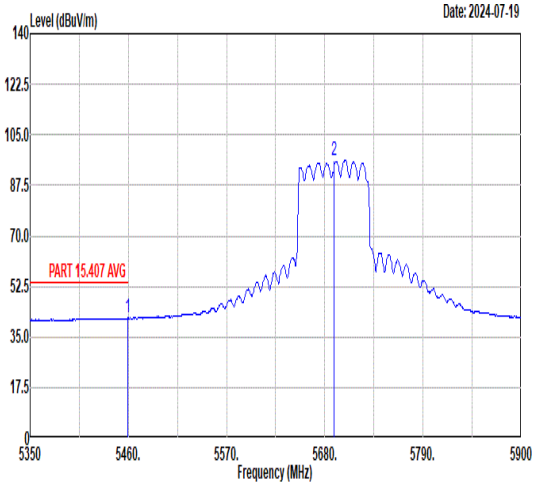
Mode	21	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ax HE20_CH144_Full RU_5720MHz	
ANT	CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5354.95 51.69 74.00 -22.31 37.96 34.83 10.94 32.04 100 273 Peak 2 5468.80 50.90 68.30 -17.40 37.11 34.81 11.16 32.18 100 273 Peak 3 5720.00 111.06 ------ ------ 96.67 35.11 11.66 32.38 100 273 Peak 4 5859.85 52.22 68.30 -16.08 37.90 35.30 11.51 32.49 100 273 Peak	Blank
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 5460.00 41.48 54.00 -12.52 27.72 34.81 11.12 32.17 100 273 Average 2 5720.00 102.23 ------ ------ 87.84 35.11 11.66 32.38 100 273 Average	Blank

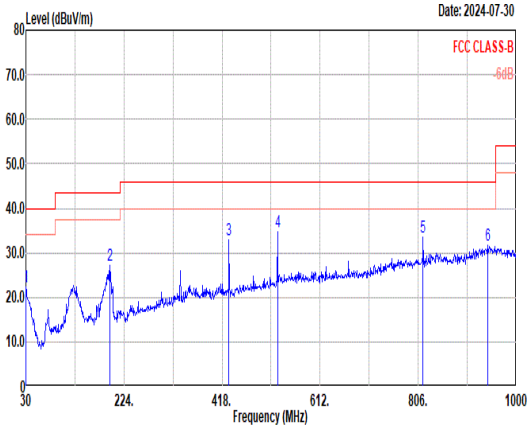
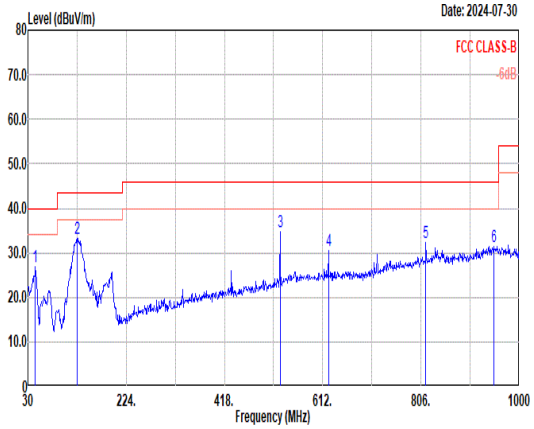
Mode	21	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11ax HE20_CH144_Full RU_5720MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11440.00 47.02 74.00 -26.98 43.18 39.75 14.80 50.71 -- -- Peak 2 17160.00 48.16 68.30 -20.14 40.03 42.44 17.55 51.86 -- -- 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 11440.00 47.98 74.00 -26.02 44.14 39.75 14.80 50.71 -- -- Peak 2 17160.00 48.06 68.30 -20.24 39.93 42.44 17.55 51.86 -- -- Peak

Mode	22	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ax HE40_CH142_Full RU_5710MHz	
ANT	CDD 2+4	
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 5441.30 52.02 74.00 -21.98 38.31 34.81 11.04 32.14 100 101 Peak 2 5460.55 51.92 68.30 -16.38 38.16 34.81 11.12 32.17 100 101 Peak 3 5710.00 106.92 ------ ------ 92.54 35.09 11.66 32.37 100 101 Peak 4 5878.55 52.86 68.30 -15.44 38.56 35.33 11.48 32.51 100 101 Peak	Blank
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 5459.45 41.31 54.00 -12.69 27.54 34.81 11.12 32.16 100 101 Average 2 5710.00 97.19 ------ ------ 82.81 35.09 11.66 32.37 100 101 Average	Blank

Mode	22	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ax HE40_CH142_Full RU_5710MHz	
ANT	CDD 2+4	
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 5452.30 52.25 74.00 -21.75 38.51 34.81 11.09 32.16 103 267 Peak 2 5462.20 51.10 68.30 -17.20 37.33 34.81 11.13 32.17 103 267 Peak 3 5710.00 108.06 ------ ------ 93.68 35.09 11.66 32.37 103 267 Peak 4 5869.20 53.29 68.30 -15.01 38.97 35.32 11.50 32.50 103 267 Peak	Blank
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 5458.90 41.49 54.00 -12.51 27.72 34.81 11.12 32.16 103 267 Average 2 5710.00 99.00 ------ ------ 84.62 35.09 11.66 32.37 103 267 Average	Blank

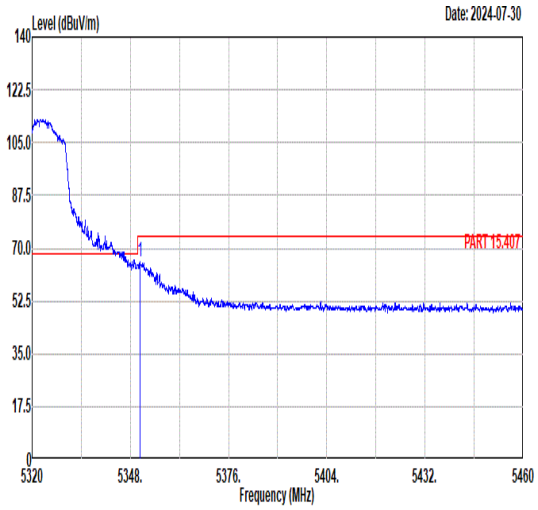
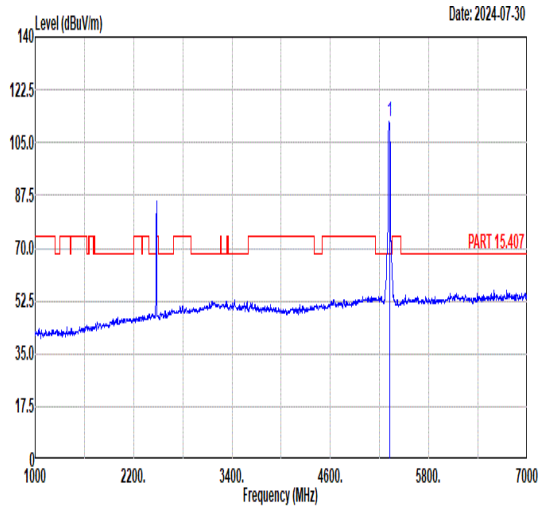
Mode	23	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ax HE80_CH138_Full RU_5690MHz	
ANT	CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5358.25 51.15 74.00 -22.85 37.42 34.83 10.94 32.04 100 99 Peak 2 5460.55 51.02 68.30 -17.28 37.26 34.81 11.12 32.17 100 99 Peak 3 5690.00 105.12 ------ ------ 90.74 35.07 11.67 32.36 100 99 Peak 4 5868.65 54.10 68.30 -14.20 39.78 35.32 11.50 32.50 100 99 Peak	Blank
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 5460.00 41.40 54.00 -12.60 27.64 34.81 11.12 32.17 100 99 Average 2 5690.00 95.32 ------ ------ 80.94 35.07 11.67 32.36 100 99 Average	Blank

Mode	23	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ax HE80_CH138_Full RU_5690MHz	
ANT	CDD 2+4	
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 5453.95 52.35 74.00 -21.65 38.60 34.81 11.10 32.16 100 267 Peak 2 5461.65 51.11 68.30 -17.19 37.34 34.81 11.13 32.17 100 267 Peak 3 5690.00 106.17 ------ ------ 91.79 35.07 11.67 32.36 100 267 Peak 4 5859.85 53.17 68.30 -15.13 38.85 35.30 11.51 32.49 100 267 Peak	Blank
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 5458.90 41.61 54.00 -12.39 27.84 34.81 11.12 32.16 100 267 Average 2 5690.00 96.14 ------ ------ 81.76 35.07 11.67 32.36 100 267 Average	Blank

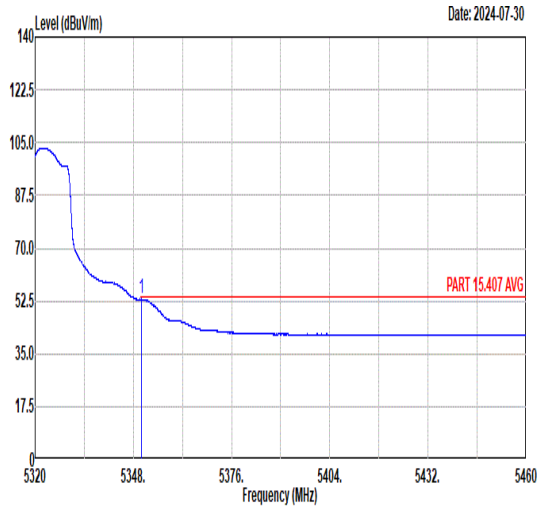
Mode	24	
	LF	
	U-NII-2A_5.25-5.35_802.11ax HE20_LF_CH64_5320MHz	
ANT	CDD 1+3	
Pol.	Horizontal	Vertical
QP/ Peak		

	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	22.40	40.00	-17.60	27.39	25.20	1.01	31.20	--	--	Peak
2	196.84	27.10	43.50	-16.40	40.05	15.41	2.55	30.91	--	--	Peak
3	431.58	32.96	46.00	-13.04	37.32	22.60	3.74	30.70	--	--	Peak
4	527.61	34.60	46.00	-11.40	36.93	24.41	4.13	30.87	--	--	Peak
5	815.70	33.47	46.00	-12.53	33.19	26.23	5.13	31.08	--	--	Peak
6	943.74	31.81	46.00	-14.19	30.20	27.06	5.55	31.00	--	--	Peak

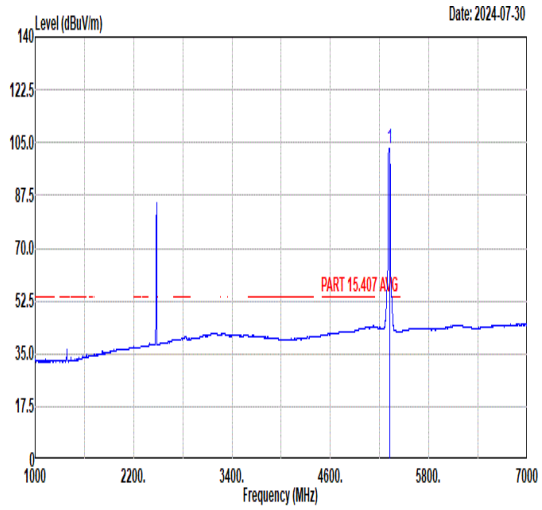
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	44.55	26.92	40.00	-13.08	40.39	16.50	1.23	31.20	--	--	Peak
2	127.00	33.33	43.50	-10.17	44.38	18.06	2.04	31.15	--	--	Peak
3	527.61	34.58	46.00	-11.42	36.91	24.41	4.13	30.87	--	--	Peak
4	623.64	30.40	46.00	-15.60	31.80	25.04	4.51	30.95	--	--	Peak
5	815.70	32.31	46.00	-13.69	32.03	26.23	5.13	31.08	--	--	Peak
6	950.53	31.38	46.00	-14.62	29.70	27.11	5.57	31.00	--	--	Peak

Mode	25	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz	
ANT	CDD 1+3/1	
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 5350.74 65.51 74.00 -8.49 51.77 34.83 10.94 32.03 200 255 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 5320.00 111.84 ------ ------ 98.02 34.84 10.97 31.99 200 255 PEAK

Avg



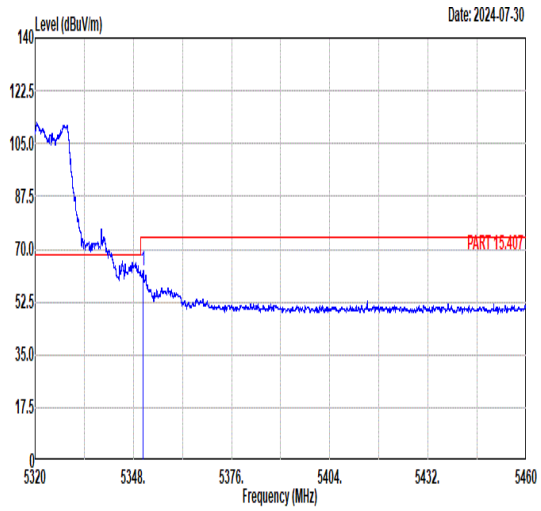
	Freq	Level	Limit Line	Margin (dB)	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dBuV	dB/m	dB	dB	cm	deg	
1	5350.31	53.10	54.00	-0.90	39.36	34.83	10.94	32.03	200	255	AVERAGE



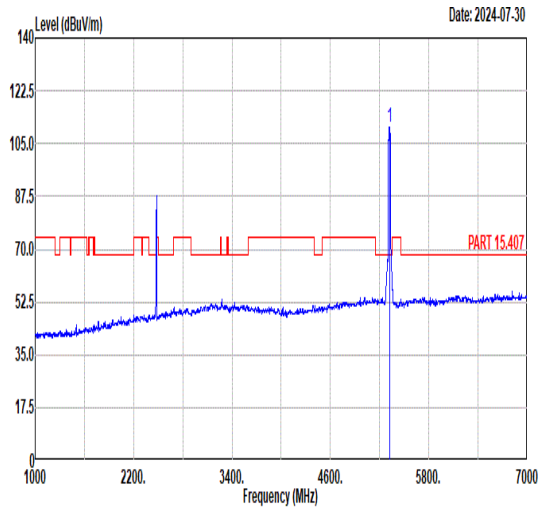
	Freq	Level	Limit Line	Margin (dB)	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dBuV	dB/m	dB	dB	cm	deg	
1	5320.00	103.14	------	------	89.32	34.84	10.97	31.99	200	255	AVERAGE

Mode	25	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz	
ANT	CDD 1+3/1	
Pol.	Vertical	Fundamental

Peak

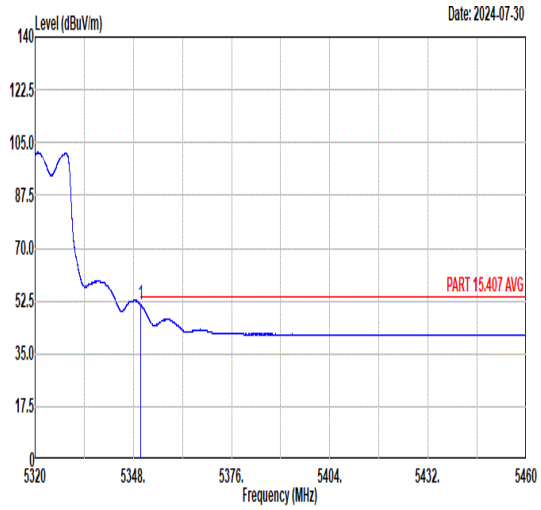


	Freq	Level	Limit Line	Margin (dB)	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dBuV	dB/m	dB	dB	cm	deg	
1	5350.74	62.87	74.00	-11.13	49.13	34.83	10.94	32.03	400	240	PEAK

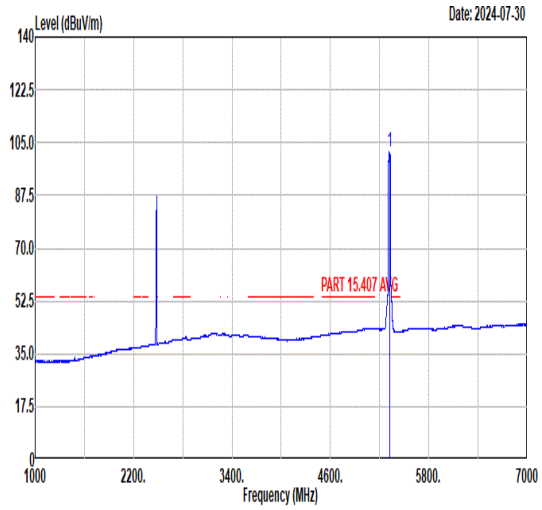


	Freq	Level	Limit Line	Margin (dB)	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dBuV	dB/m	dB	dB	cm	deg	
1	5320.00	110.50	------	------	96.68	34.84	10.97	31.99	400	240	PEAK

Avg



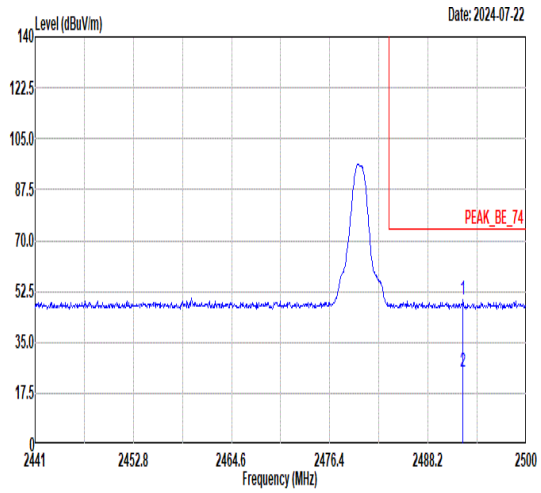
	Freq	Level	Limit Line	Margin (dB)	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dBuV	dB/m	dB	dB	cm	deg	
1	5350.04	51.48	54.00	-2.52	37.74	34.83	10.94	32.03	400	240	AVERAGE



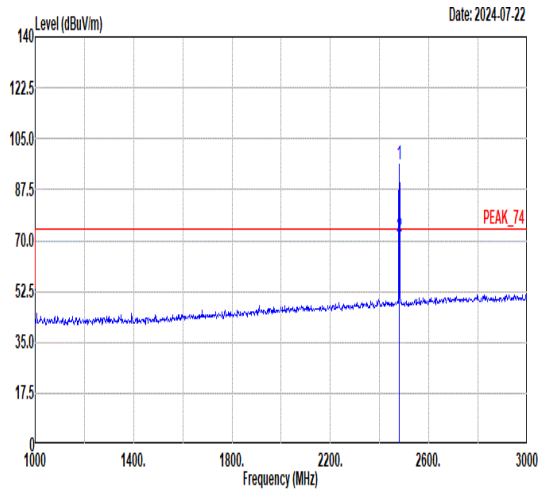
	Freq	Level	Limit Line	Margin (dB)	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dBuV	dB/m	dB	dB	cm	deg	
1	5320.00	101.73	------	------	87.91	34.84	10.97	31.99	400	240	AVERAGE

Mode	**25**	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz	
ANT	**CDD 1+3/1**	
Pol.	**Horizontal**	**Fundamental**

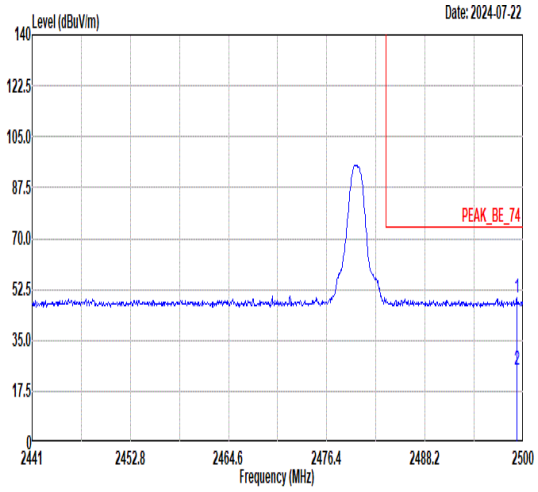
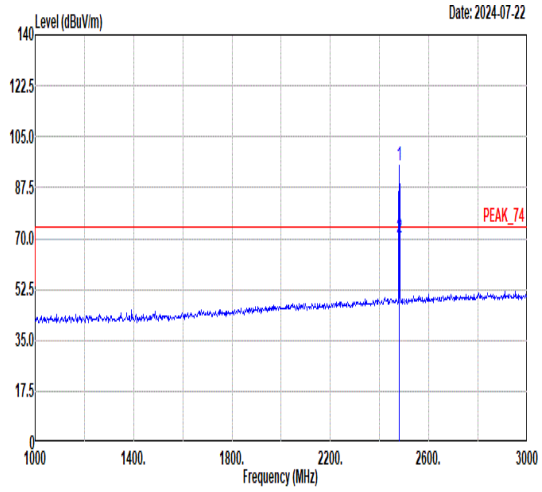
Peak

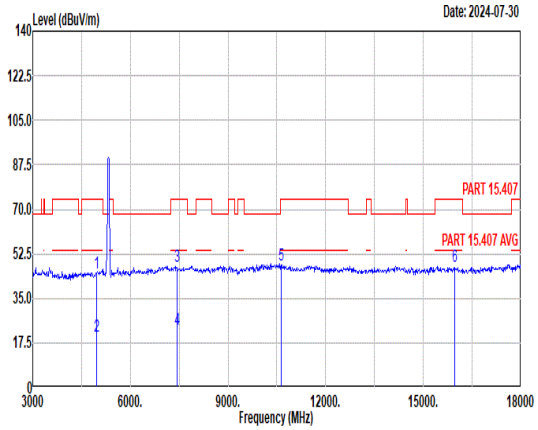
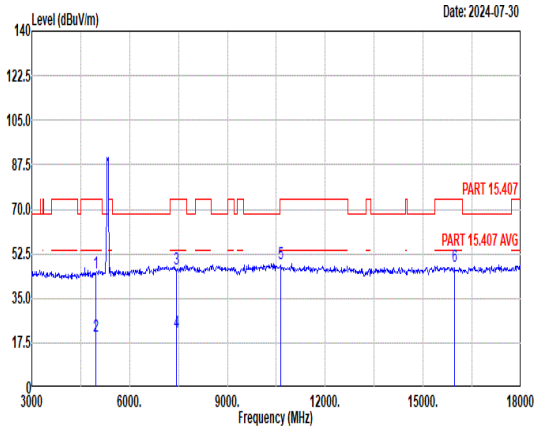


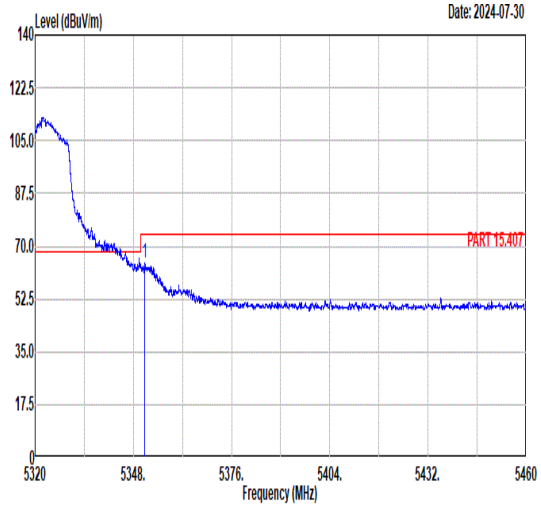
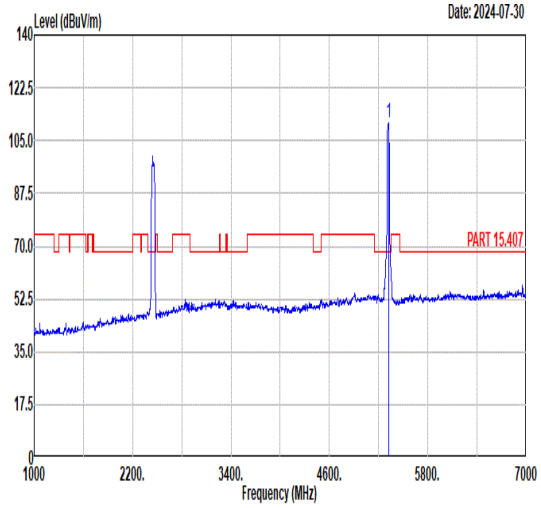
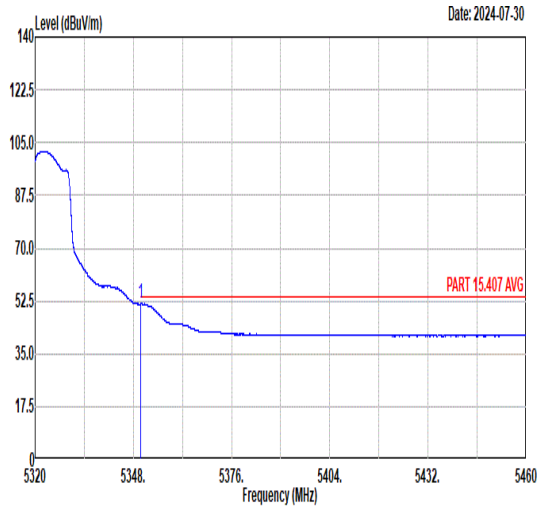
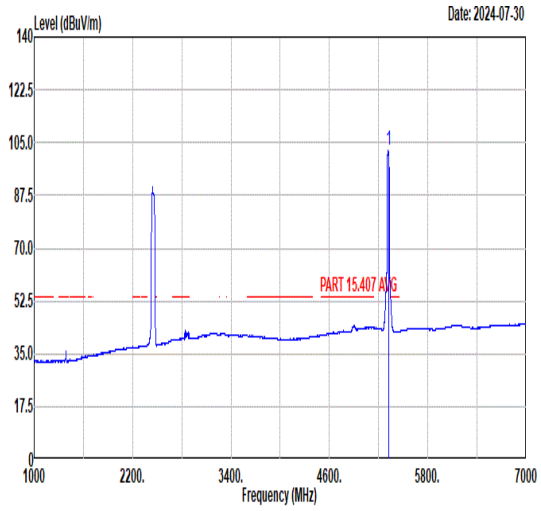
	Freq	Level	Limit Line	Margin (dB)	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dBuV	dB/m	dB	dB	cm	deg	
1	2492.39	49.47	74.00	-24.53	41.20	32.48	7.89	32.10	357	1	PEAK
2	2492.39	24.68	54.00	-29.32	16.41	32.48	7.89	32.10	357	1	AVERAGE

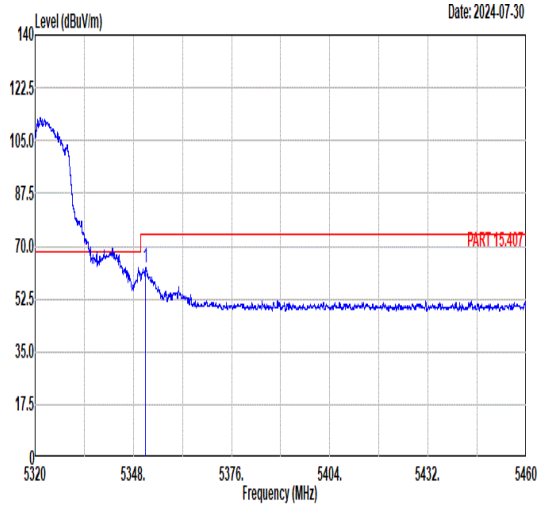
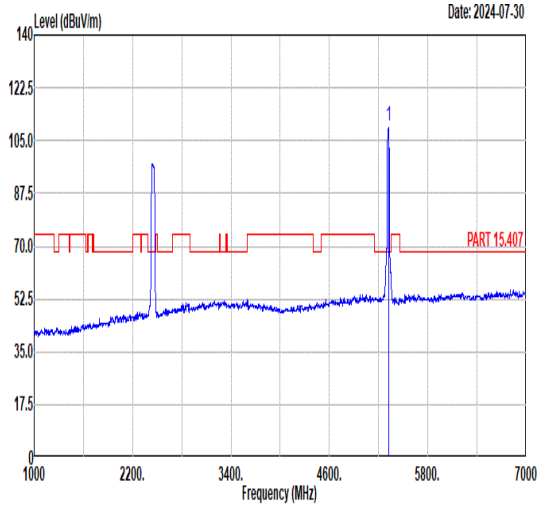
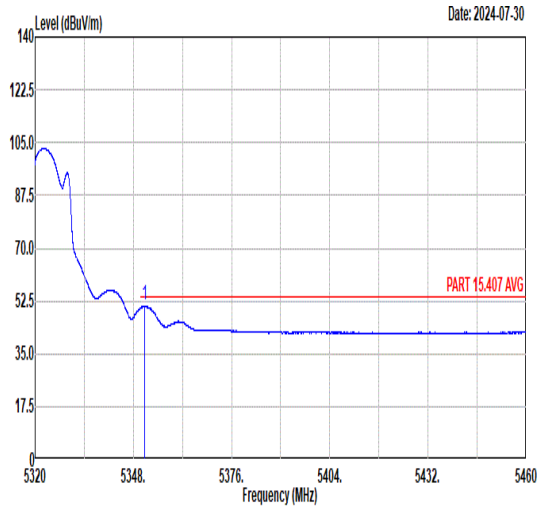
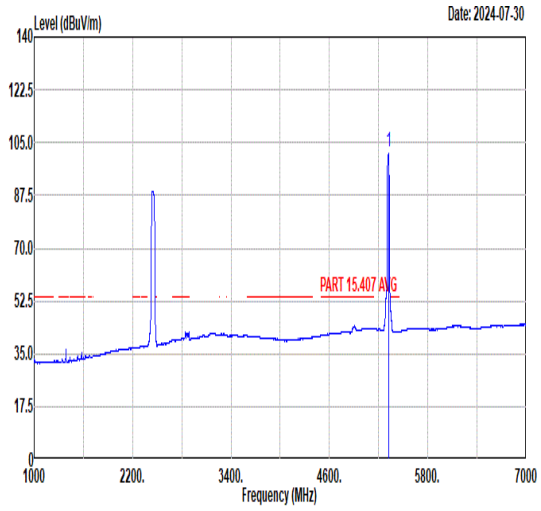


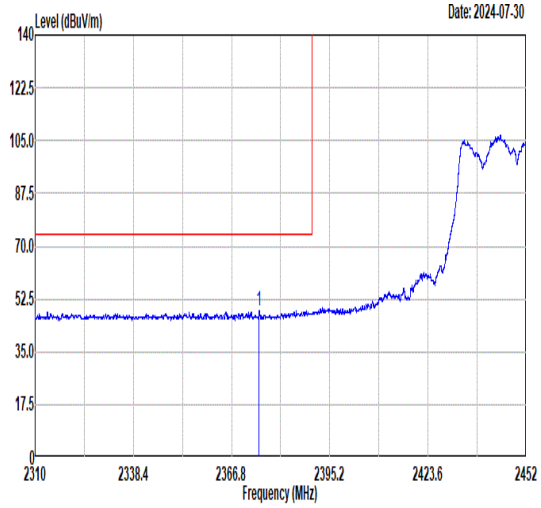
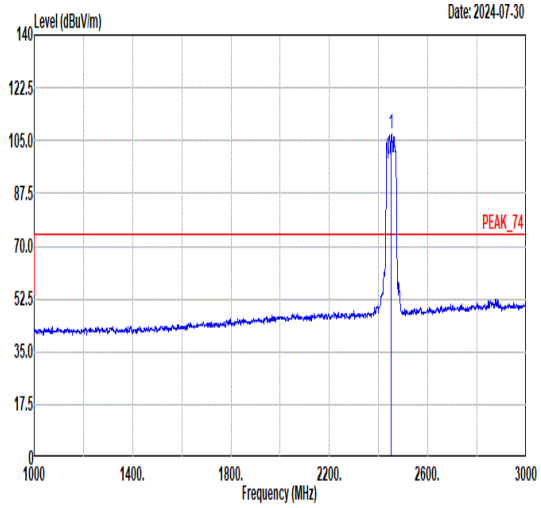
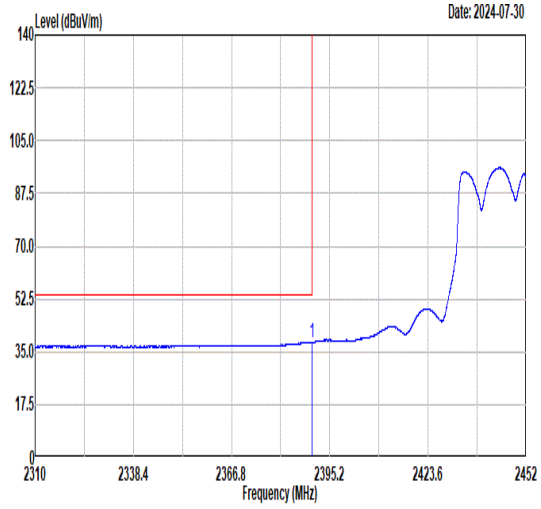
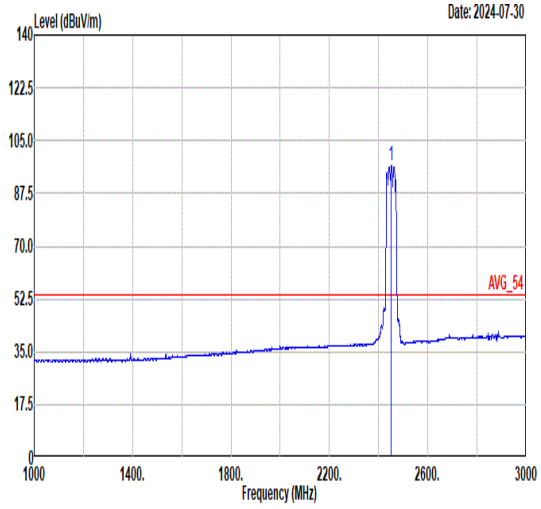
	Freq	Level	Limit Line	Margin (dB)	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m		dBuV	dB/m	dB	dB	cm	deg	
1	2480.00	96.16	------	------	87.93	32.46	7.87	32.10	357	1	PEAK
2	2480.00	71.37	------	------	63.14	32.46	7.87	32.10	357	1	AVERAGE

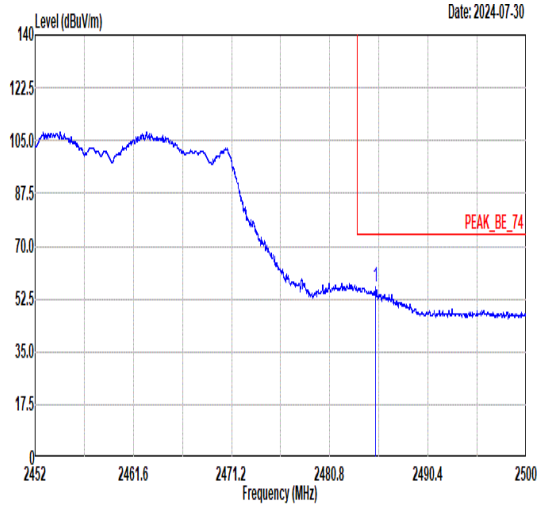
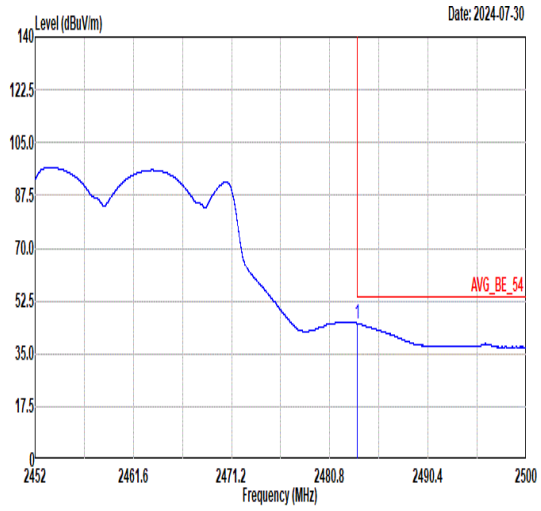
Mode	25	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz	
ANT	CDD 1+3/1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2499.23 49.75 74.00 -24.25 41.46 32.50 7.89 32.10 168 360 PEAK 2 2499.23 24.96 54.00 -29.04 16.67 32.50 7.89 32.10 168 360 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 2480.00 95.10 ------ ------ 86.87 32.46 7.87 32.10 168 360 PEAK 2 2480.00 70.31 ------ ------ 62.08 32.46 7.87 32.10 168 360 AVERAGE

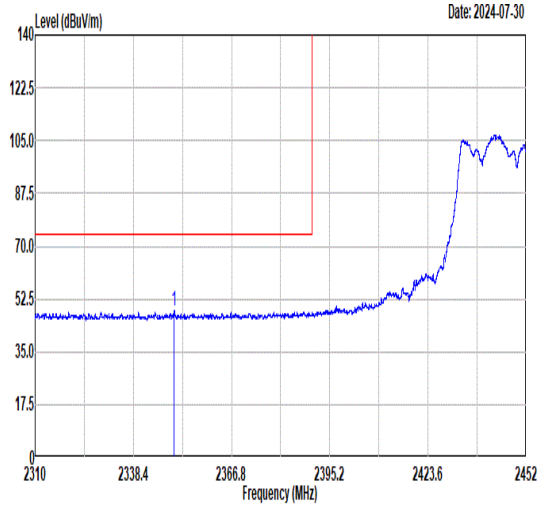
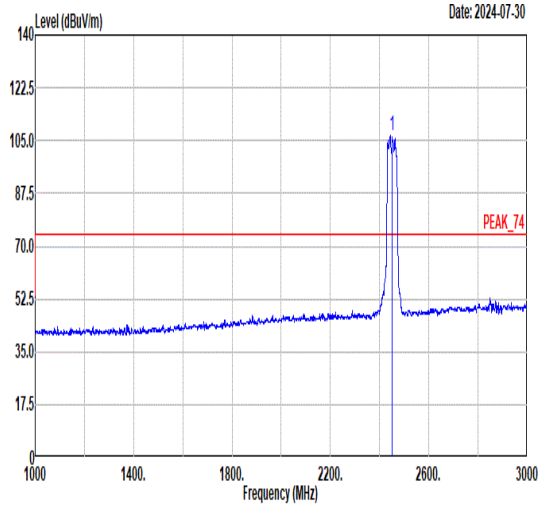
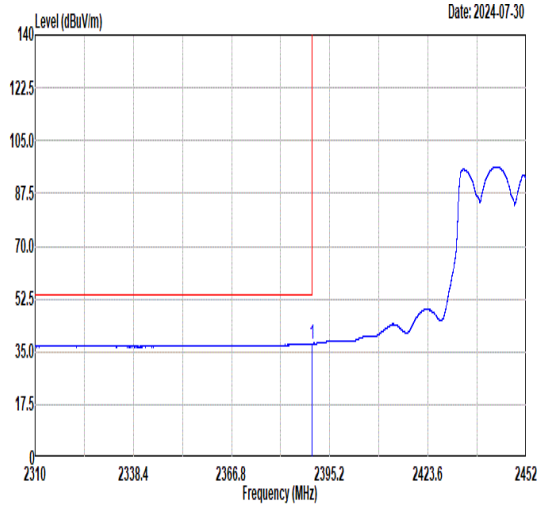
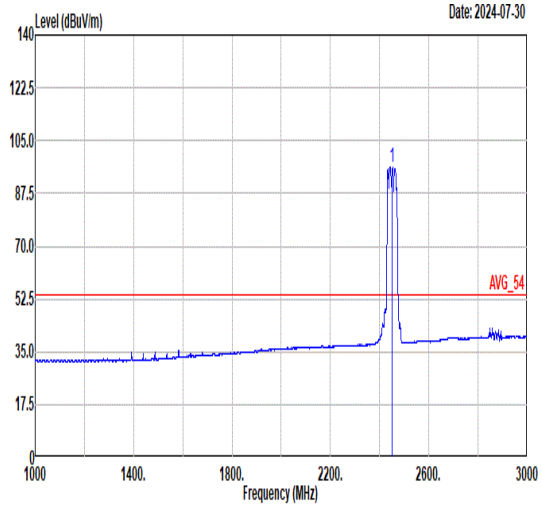
Mode	25	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz	
ANT	CDD 1+3/1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4960.00 44.73 74.00 -29.27 50.22 34.88 11.14 51.51 -- -- Peak 2 4960.00 19.94 54.00 -34.06 25.43 34.88 11.14 51.51 -- -- Average 3 7440.00 47.28 74.00 -26.72 49.12 36.38 12.97 51.19 -- -- Peak 4 7440.00 22.49 54.00 -31.51 24.33 36.38 12.97 51.19 -- -- Average 5 10640.00 48.29 74.00 -25.71 45.30 39.47 14.32 50.80 -- -- Peak 6 15960.00 47.40 74.00 -26.60 39.90 42.08 17.19 51.77 -- -- 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 4960.00 44.69 74.00 -29.31 50.18 34.88 11.14 51.51 -- -- Peak 2 4960.00 19.90 54.00 -34.10 25.39 34.88 11.14 51.51 -- -- Average 3 7440.00 46.66 74.00 -27.34 48.50 36.38 12.97 51.19 -- -- Peak 4 7440.00 21.87 54.00 -32.13 23.71 36.38 12.97 51.19 -- -- Average 5 10640.00 48.55 74.00 -25.45 45.56 39.47 14.32 50.80 -- -- Peak 6 15960.00 47.64 74.00 -26.36 40.14 42.08 17.19 51.77 -- -- Peak

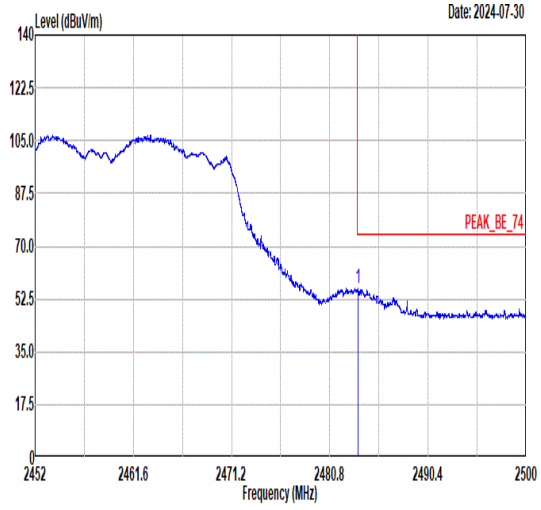
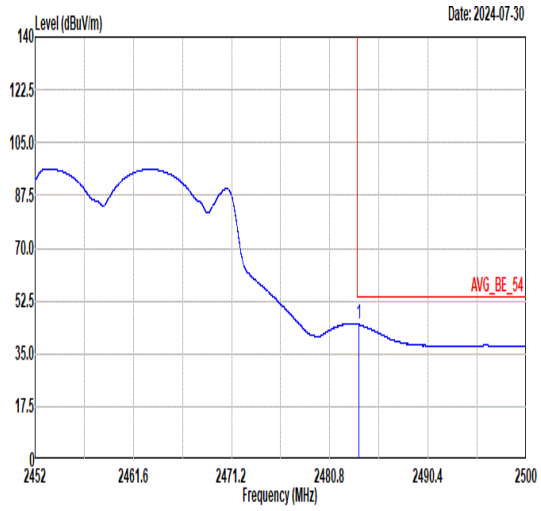
Mode	26	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/ CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5351.16 64.30 74.00 -9.70 50.56 34.83 10.94 32.03 200 255 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 5320.00 111.18 ------ ------ 97.38 34.84 10.96 32.00 200 255 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 5350.04 51.57 54.00 -2.43 37.83 34.83 10.94 32.03 200 255 AVERAGE	 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 5320.00 102.24 ------ ------ 88.42 34.84 10.97 31.99 200 255 AVERAGE

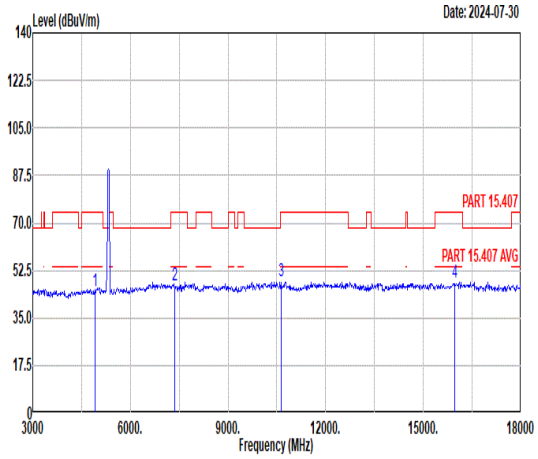
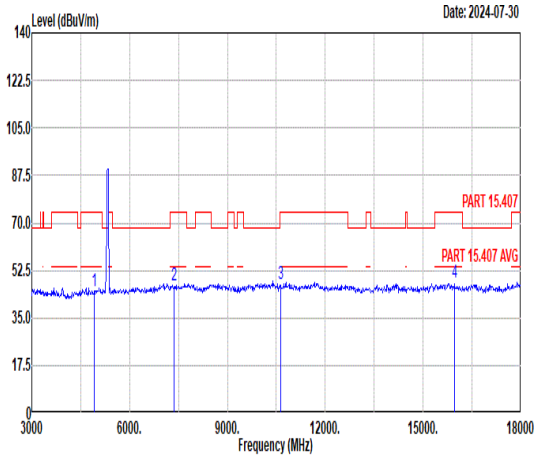
Mode	26	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/ CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5351.43 62.89 74.00 -11.11 49.15 34.83 10.94 32.03 100 306 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 5320.00 109.88 ------ ------ 96.06 34.84 10.97 31.99 100 306 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 5351.15 51.00 54.00 -3.00 37.26 34.83 10.94 32.03 100 306 AVERAGE	 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 5320.00 102.17 ------ ------ 88.35 34.84 10.97 31.99 100 306 AVERAGE

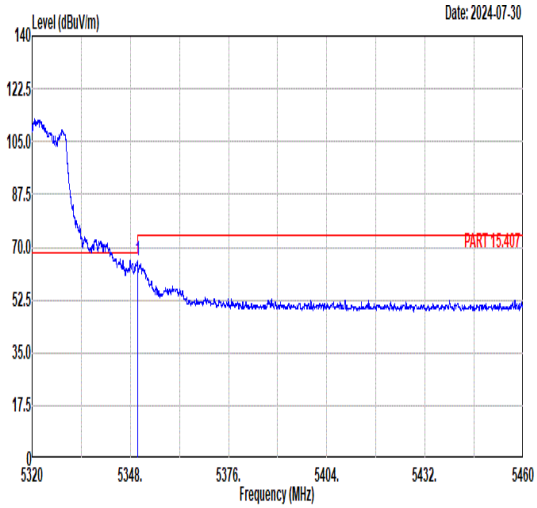
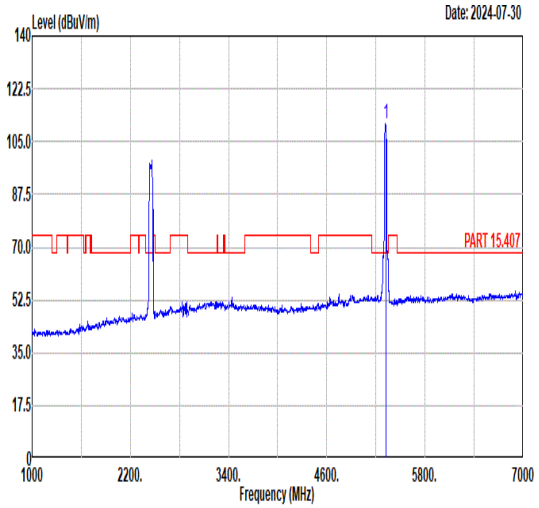
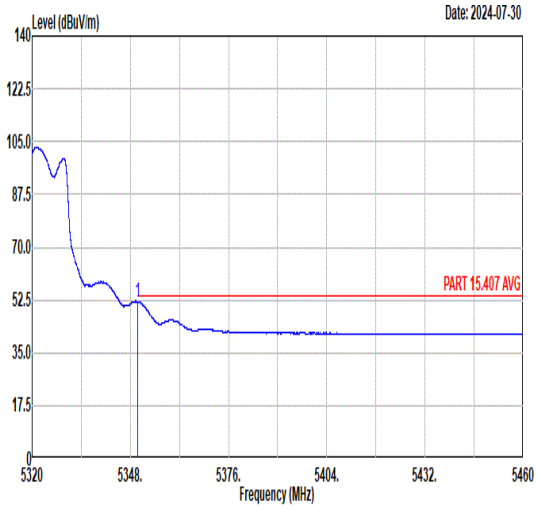
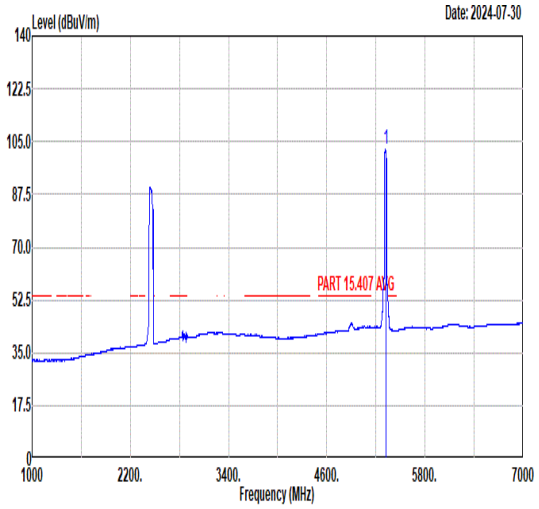
Mode	26	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/ CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2374.68 48.70 74.00 -25.30 40.83 32.22 7.72 32.07 364 315 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 2452.00 107.09 ------ ------ 98.93 32.40 7.85 32.09 364 315 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 2389.99 38.13 54.00 -15.87 30.19 32.26 7.76 32.08 364 315 AVERAGE	 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 2452.00 96.85 ------ ------ 88.69 32.40 7.85 32.09 364 315 AVERAGE

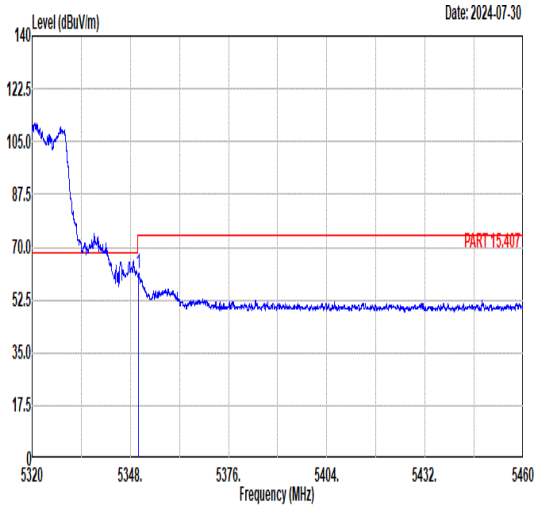
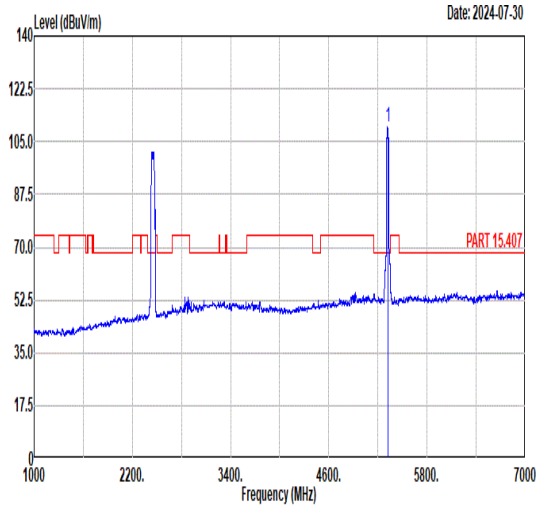
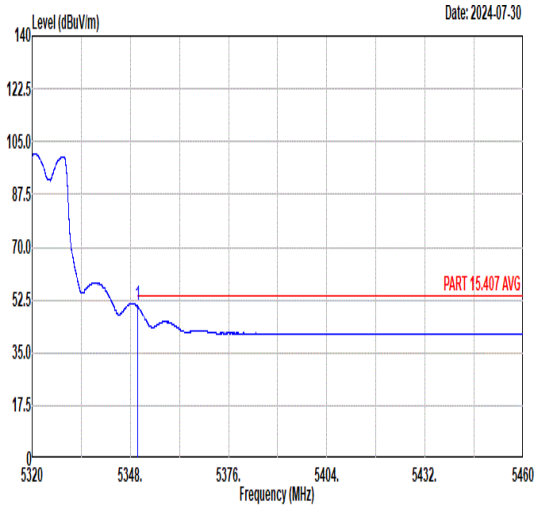
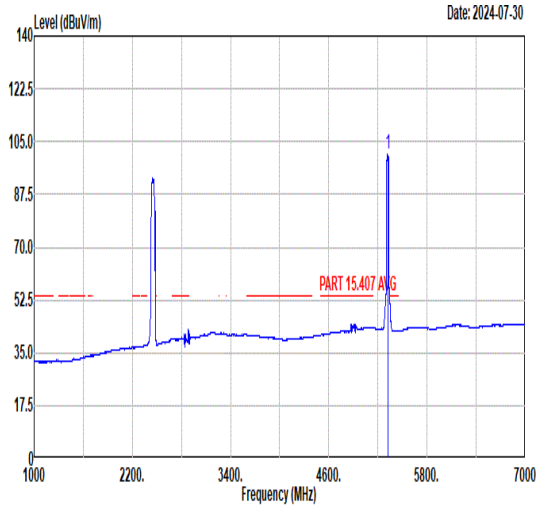
Mode	26	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/ CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2485.29 56.67 74.00 -17.33 48.42 32.47 7.88 32.10 364 315 PEAK	Blank
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 2483.51 45.02 54.00 -8.98 36.78 32.46 7.88 32.10 364 315 AVERAGE	Blank

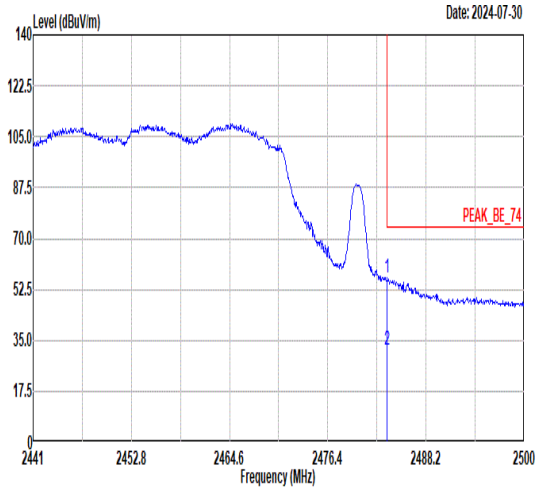
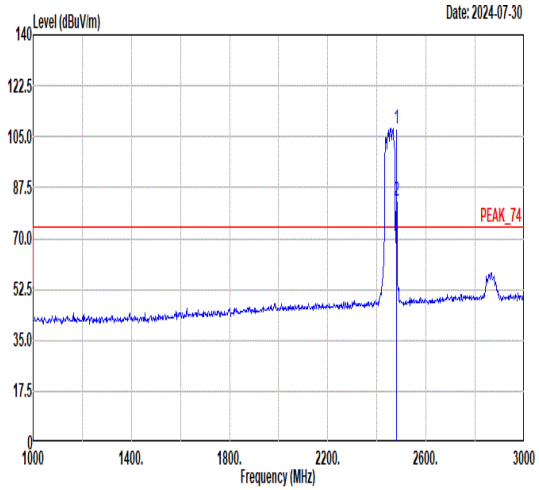
Mode	26	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/ CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2350.26 48.46 74.00 -25.54 40.71 32.17 7.65 32.07 300 74 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 2452.00 106.58 ------ ------ 98.46 32.37 7.84 32.09 300 74 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 2389.99 37.69 54.00 -16.31 29.75 32.26 7.76 32.08 300 74 AVERAGE	 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 2452.00 96.32 ------ ------ 88.20 32.37 7.84 32.09 300 74 AVERAGE

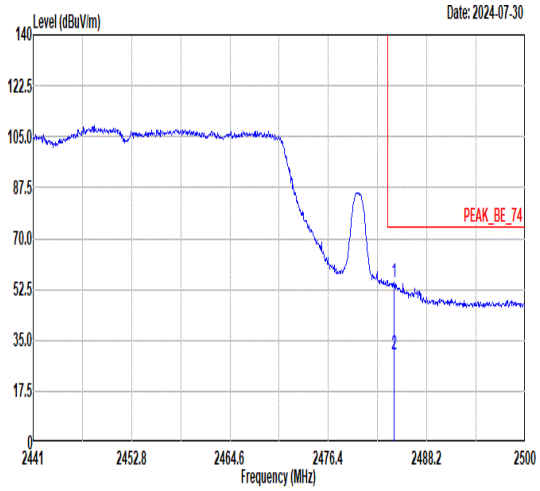
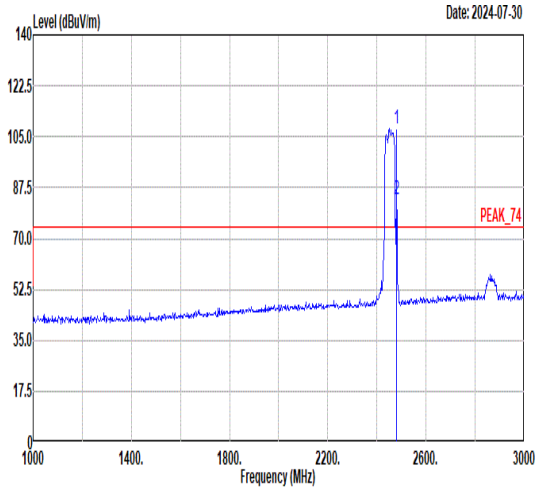
Mode	26	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/ CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2483.57 56.06 74.00 -17.94 47.82 32.46 7.88 32.10 300 74 PEAK	Blank
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 2483.61 44.79 54.00 -9.21 36.55 32.46 7.88 32.10 300 74 AVERAGE	Blank

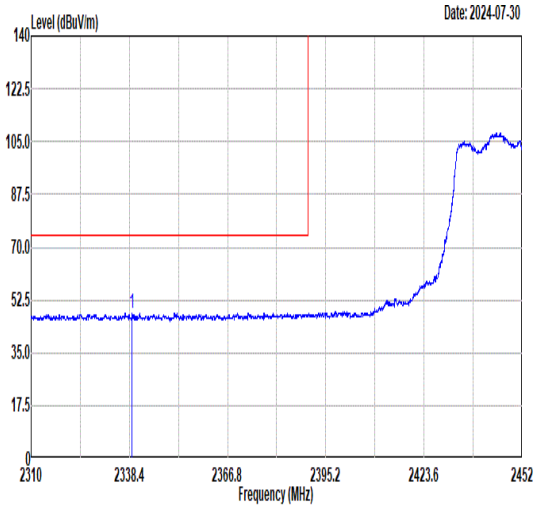
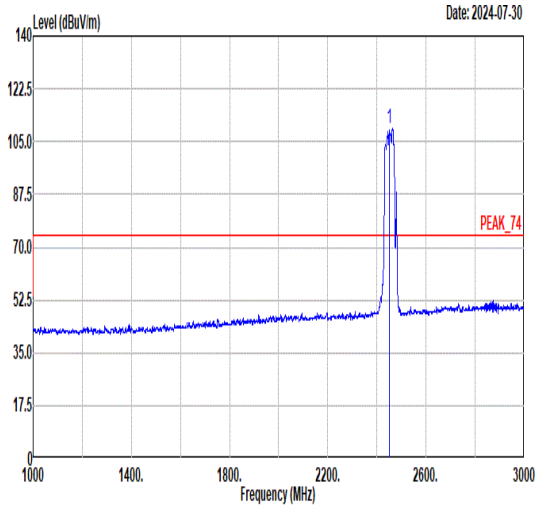
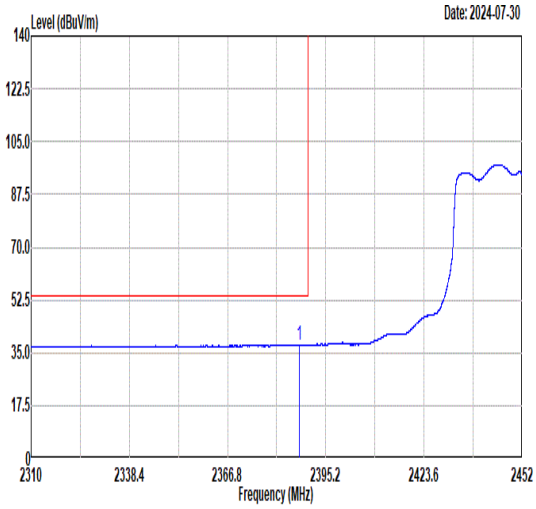
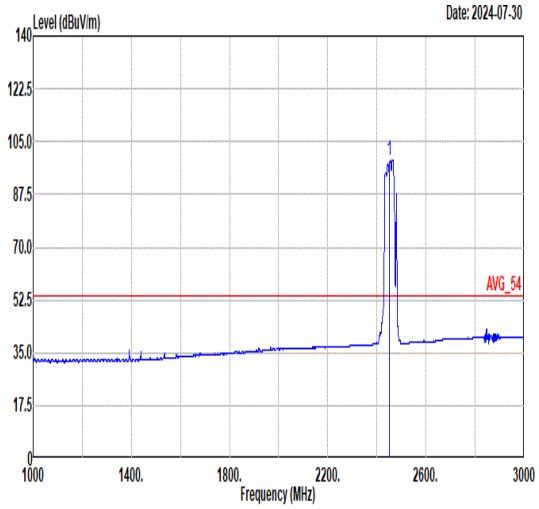
Mode	26	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/ CDD 2+4	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 4904.00 45.05 74.00 -28.95 50.62 34.86 11.11 51.54 -- -- Peak 2 7356.00 46.87 74.00 -27.13 48.59 36.34 13.11 51.17 -- -- Peak 3 10640.00 48.44 74.00 -25.56 45.45 39.47 14.32 50.80 -- -- Peak 4 15960.00 48.07 74.00 -25.93 40.57 42.08 17.19 51.77 -- -- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 4904.00 44.75 74.00 -29.25 50.32 34.86 11.11 51.54 -- -- Peak 2 7356.00 47.02 74.00 -26.98 48.74 36.34 13.11 51.17 -- -- Peak 3 10640.00 47.68 74.00 -26.32 44.69 39.47 14.32 50.80 -- -- Peak 4 15960.00 47.95 74.00 -26.05 40.45 42.08 17.19 51.77 -- -- Peak

Mode	27	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz+802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/1/CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5350.04 65.26 74.00 -8.74 51.52 34.83 10.94 32.03 220 125 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5320.00 111.11 ------ ------ 97.29 34.84 10.97 31.99 220 125 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5350.17 52.02 54.00 -1.98 38.28 34.83 10.94 32.03 220 125 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5320.00 102.60 ------ ------ 88.78 34.84 10.97 31.99 220 125 AVERAGE

Mode	27	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz+802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/1/CDD 2+4	
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 5350.31 61.49 74.00 -12.51 47.75 34.83 10.94 32.03 400 239 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 5320.00 109.73 ------ ------ 95.91 34.84 10.97 31.99 400 239 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 5350.00 50.51 54.00 -3.49 36.77 34.83 10.94 32.03 400 239 AVERAGE	 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 5320.00 100.75 ------ ------ 86.93 34.84 10.97 31.99 400 239 AVERAGE

Mode	27	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz+802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/1/CDD 2+4	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.54 56.40 74.00 -17.60 48.16 32.46 7.88 32.10 400 312 PEAK 2 2483.54 31.61 54.00 -22.39 23.37 32.46 7.88 32.10 400 312 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2480.00 107.74 ------ ------ 99.58 32.40 7.85 32.09 400 312 PEAK 2 2480.00 82.95 ------ ------ 74.79 32.40 7.85 32.09 400 312 AVERAGE

Mode	27	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz+802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/1/CDD 2+4	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.25 54.72 74.00 -19.28 46.47 32.47 7.88 32.10 364 227 PEAK 2 2484.25 29.93 54.00 -24.07 21.68 32.47 7.88 32.10 364 227 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2480.00 108.02 ------ ------ 99.87 32.39 7.85 32.09 364 227 PEAK 2 2480.00 83.23 ------ ------ 75.08 32.39 7.85 32.09 364 227 AVERAGE

Mode	27	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH64_5320MHz+2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz+802.11ax HE40_CH09_2452MHz	
ANT	CDD 1+3/1/CDD 2+4	
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 2339.18 48.29 74.00 -25.71 40.59 32.15 7.62 32.07 400 309 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 2452.00 109.15 ------ ------ 100.96 32.42 7.86 32.09 400 309 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 2387.59 37.75 54.00 -16.25 29.83 32.25 7.75 32.08 400 309 AVERAGE	 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 2452.00 98.93 ------ ------ 90.74 32.42 7.86 32.09 400 309 AVERAGE