FCC RF Test Report

APPLICANT	:	TCL Communication Ltd.
EQUIPMENT	:	TCL LINKZONE Go 5G
BRAND NAME	:	TCL
MODEL NAME	:	MW501UV
FCC ID	:	2ACCJSCD006
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Aug. 08, 2025 ~ Aug. 26, 2025

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

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

Fly Liang

Approved by: Fly Liang

ACCREDITED
Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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APPENDIX A. CONDUCTED TEST RESULTS

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR562417B	Rev. 01	Initial issue of report	Sep. 05, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit for U-NII-1	Limit for U-NII-3	Result	Remark
3.1	2.1049 & 15.403(i)	6dB, 26dB & 99% Bandwidth	-	6dB Bandwidth > 500kHz	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 30 dBm	≤ 30 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 17 dBm/MHz	≤ 30 dBm/500kHz	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	15.407(b)(4)(i) &15.209(a)	Pass	Under limit 3.30 dB at 5149.73 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	15.207(a)	Pass	Under limit 6.48 dB at 0.51 MHz
3.6	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	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

TCL Communication Ltd.
5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

1.2 Manufacturer

TCL Communication Ltd.
5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	TCL LINKZONE Go 5G
Brand Name	TCL
Model Name	MW501UV
FCC ID	2ACCJSCD006
IMEI Code	Conducted: 354431470000109 Conduction: 354431470000687 Radiation: 354431470000711 354431470011031
HW Version	V3.0
SW Version	VZW_MW501UV_RY_01.00_42
EUT Stage	Production Unit

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

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5745 MHz ~ 5825 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** 802.11a : 17.57 dBm / 0.0571 W 802.11n HT20 : 17.87 dBm / 0.0612 W 802.11n HT40 : 16.32 dBm / 0.0429 W 802.11ac VHT20: 17.75 dBm / 0.0596 W 802.11ac VHT40: 16.30 dBm / 0.0427 W 802.11ac VHT80: 13.13 dBm / 0.0206 W **<5745 MHz ~ 5825 MHz>** 802.11a : 17.62 dBm / 0.0578 W 802.11n HT20 : 17.83 dBm / 0.0607 W 802.11n HT40 : 16.15 dBm / 0.0412 W 802.11ac VHT20: 17.82 dBm / 0.0605 W 802.11ac VHT40: 16.12 dBm / 0.0409 W 802.11ac VHT80: 14.36 dBm / 0.0273 W
99% Occupied Bandwidth	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.97 MHz 802.11n HT20 : 18.11 MHz 802.11n HT40 : 36.85 MHz 802.11ac VHT80 : 75.54 MHz **<5745 MHz ~ 5825 MHz>** 802.11a : 16.97 MHz 802.11n HT20 : 18.04 MHz 802.11n HT40 : 36.89 MHz 802.11ac VHT80 : 75.59 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** Monopole Antenna type with gain -1.42 dBi **<5745 MHz ~ 5825 MHz>** Monopole Antenna type with gain -0.68 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

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

1.5 Modification of EUT

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

1.6 Testing Location

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

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

1.7 Test Software

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

1.8 Applicable Standards

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

- 47 CFR Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ANSI C63.10-2020

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/X plane) were recorded in this report.

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

2.1 Carrier Frequency and Channel

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

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5745-5825 MHz U-NII-3	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

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

2.2 Test Mode

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

SISO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

AC Conducted Emission	Mode 1 : LTE B5 idle + WLAN Link(5G) + Adaptor 1 + USB Cable 1 + Battery 1
Remark: For Radiated Test Cases, The tests were performance with Adapter1 and USB Cable1	

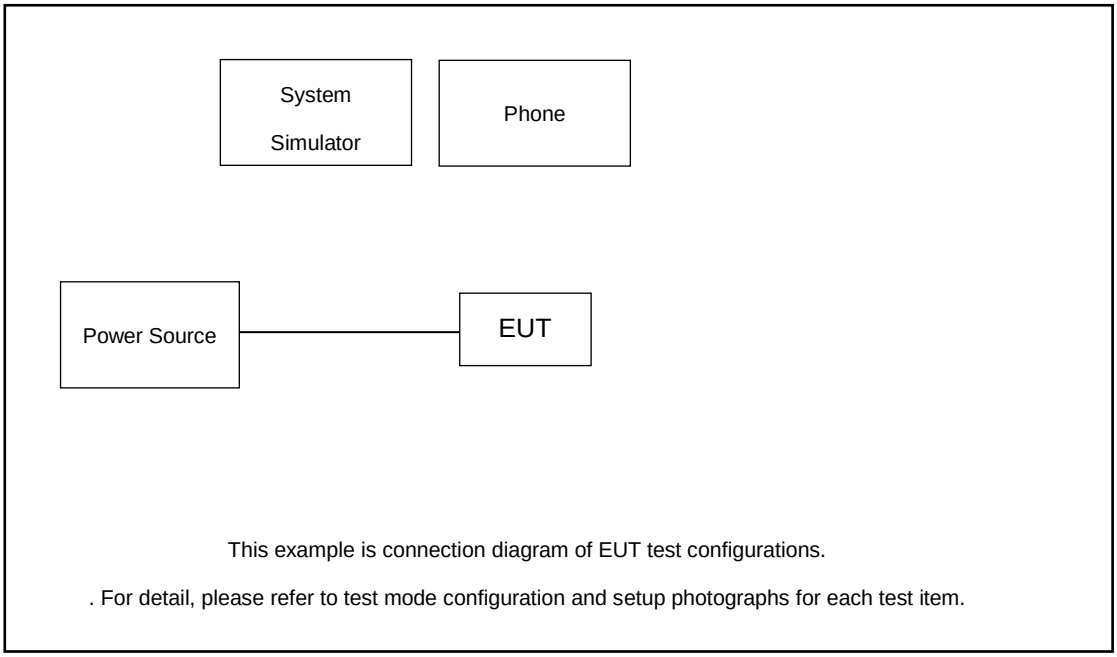
Ch. #		U-NII-1	U-NII-3
		20M BW	20M BW
L	Low	36	149
M	Middle	44	157
H	High	48	165

Ch. #		U-NII-1	U-NII-3
		40M BW	40M BW
L	Low	38	151
M	Middle	-	-
H	High	46	159

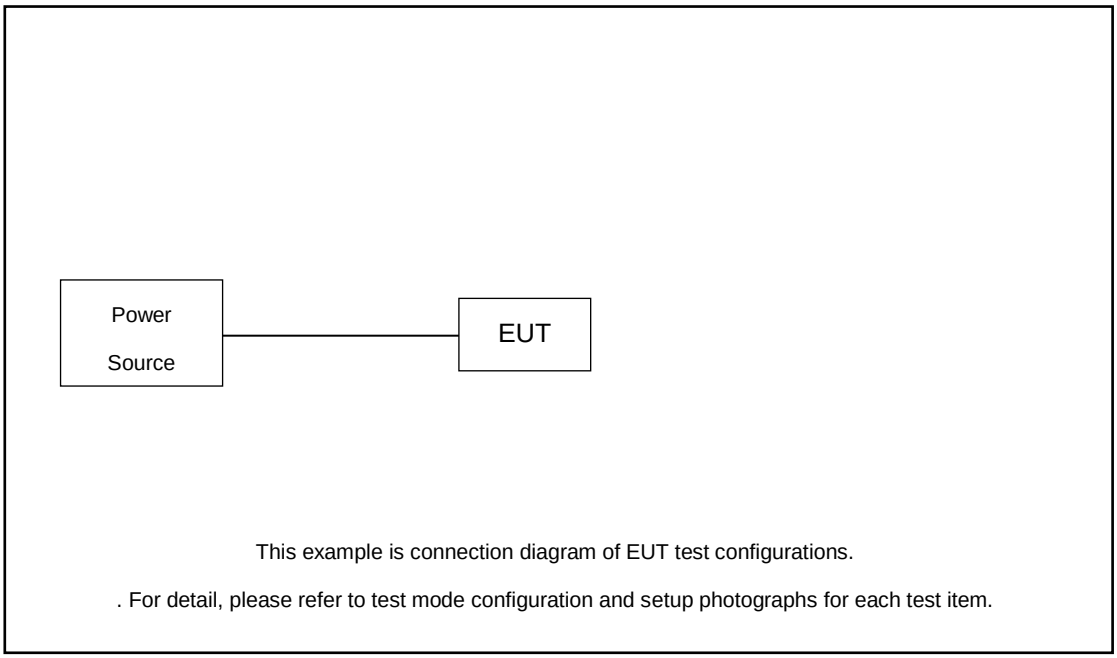
Ch. #		U-NII-1	U-NII-3
		80M BW	80M BW
L	Low	-	-
M	Middle	42	155
H	High	-	-

2.3 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Phone	Samsung	N/A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

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

For AC power line conducted emissions, the EUT was set to connect with the phone 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 6dB and 26dB and 99% Occupied Bandwidth Measurement

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

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

26dB and 99% Occupied bandwidth are reporting only.

3.1.2 Measuring Instruments

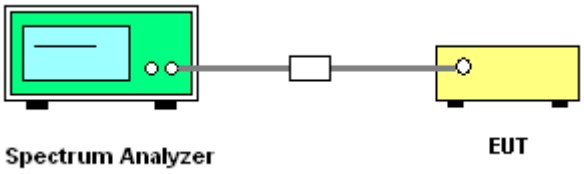
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 & ANSI C63.10-2020 clause 12.5.1 for 6dB BW and 12.5.2 for 26dB BW and 6.9.3 for 99% occupied bandwidth measurements.

☒	Section C) Bandwidth Measurement 1. Emission Bandwidth (EBW) and 99% OBW
	1. Set RBW = shall be in the range of 1% to 5% of the emission bandwidth. **2.** Set the VBW > RBW. **3.** Detector = Peak. **4.** Trace mode = max hold **5.** Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%. **6.** For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set to 1%~5% of the OBW and set the Video bandwidth (VBW) ≥ 3 * RBW. **7.** Measure and record the results in the test report.
☒	Section C) Bandwidth Measurement 2. Minimum Emission Bandwidth for the band 5.725 - 5.85 GHz
	1. Set RBW = 100kHz. **2.** Set the VBW ≥ 3 x RBW. **3.** Detector = Peak. **4.** Trace mode = max hold **5.** Measure the maximum width of the emission that is 6 dB down from the peak of the emission. **6.** Measure and record the results in the test report.

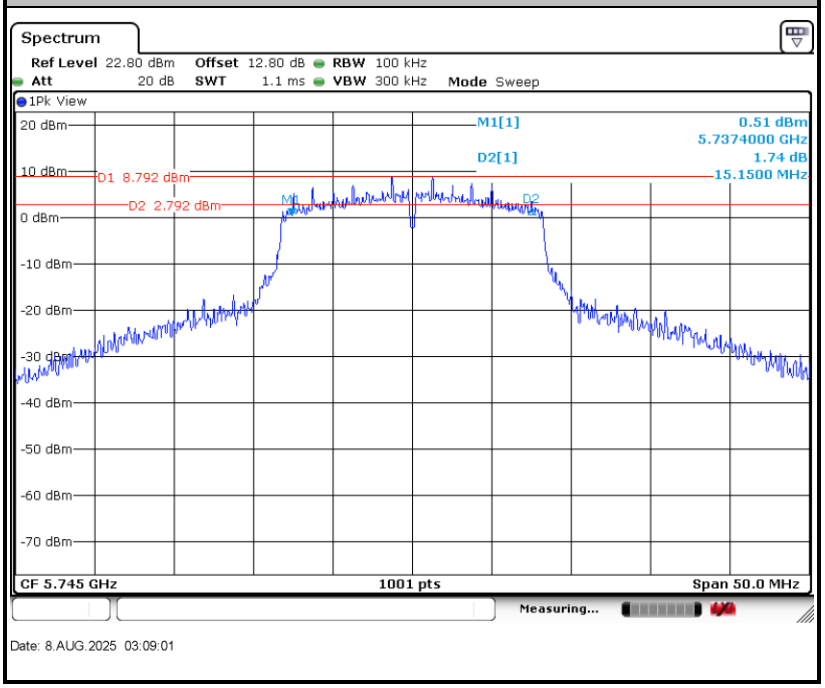
3.1.4 Test Setup



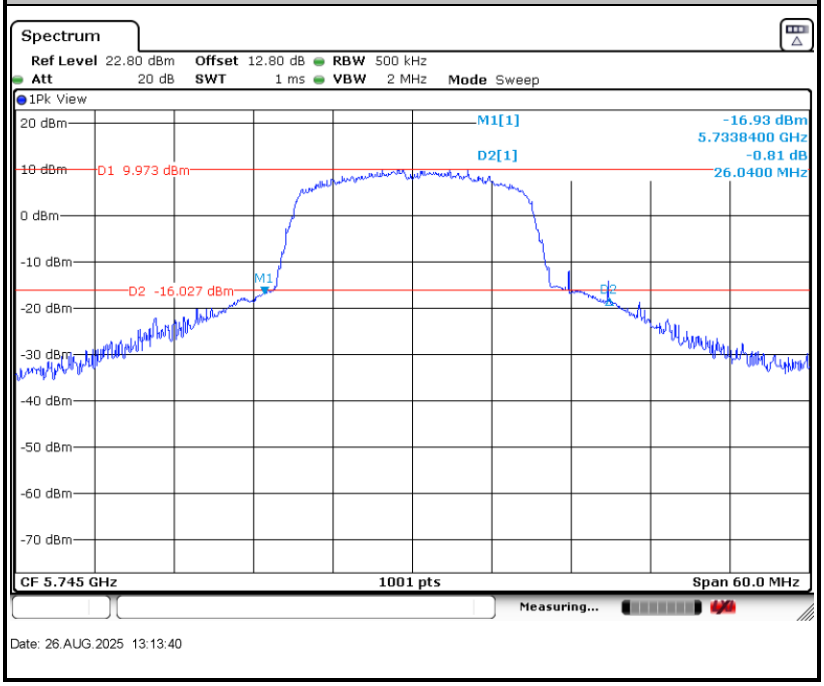
3.1.5 Test Result of 6dB Bandwidth

Please refer to Appendix A.

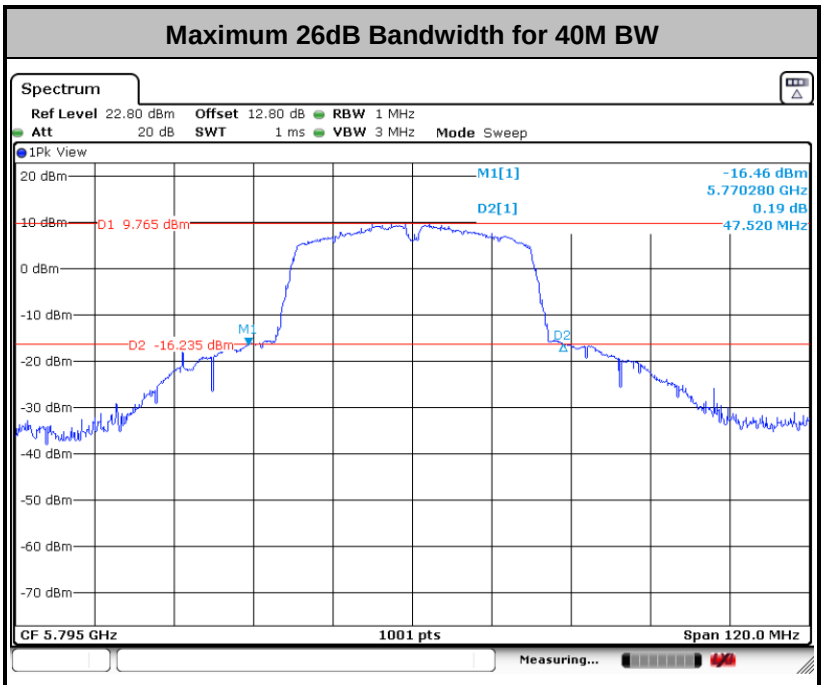
Minimum 6dB Bandwidth



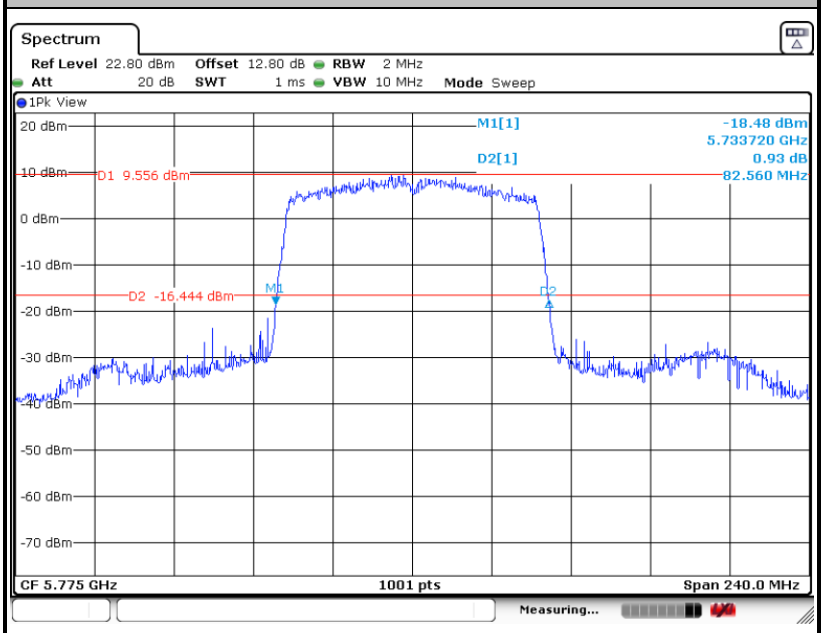
Maximum 26dB Bandwidth for 20M BW



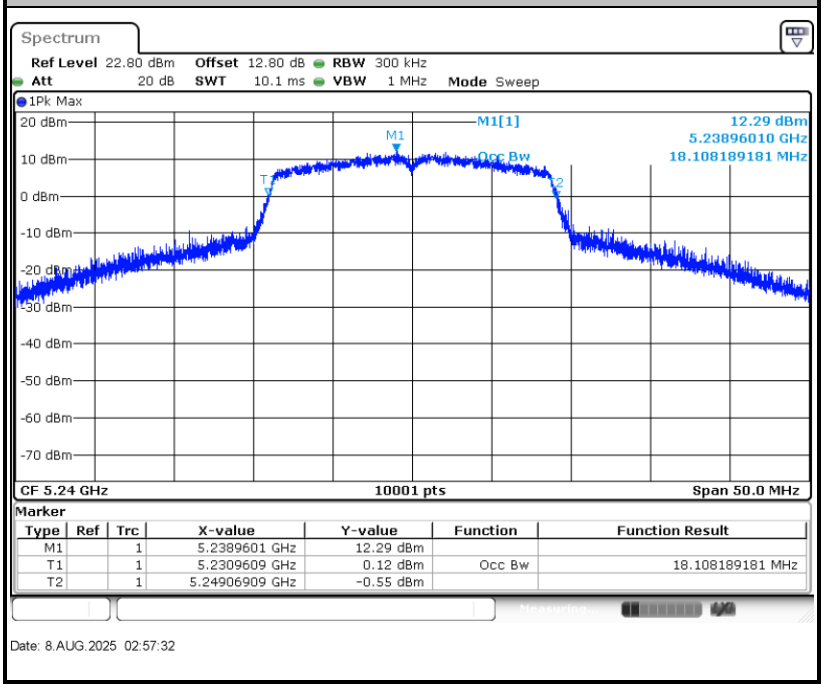
Maximum 26dB Bandwidth for 40M BW



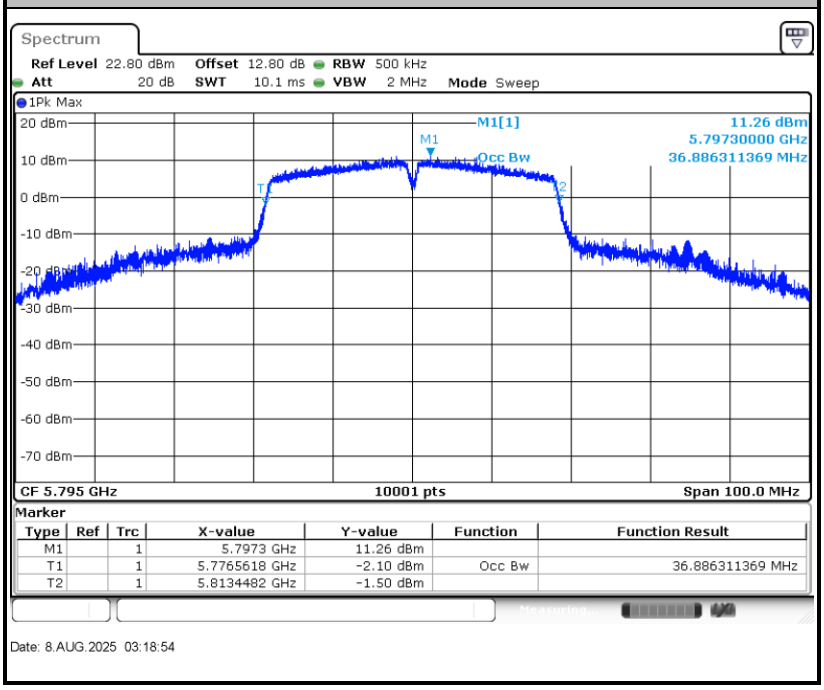
Maximum 26dB Bandwidth for 80M BW



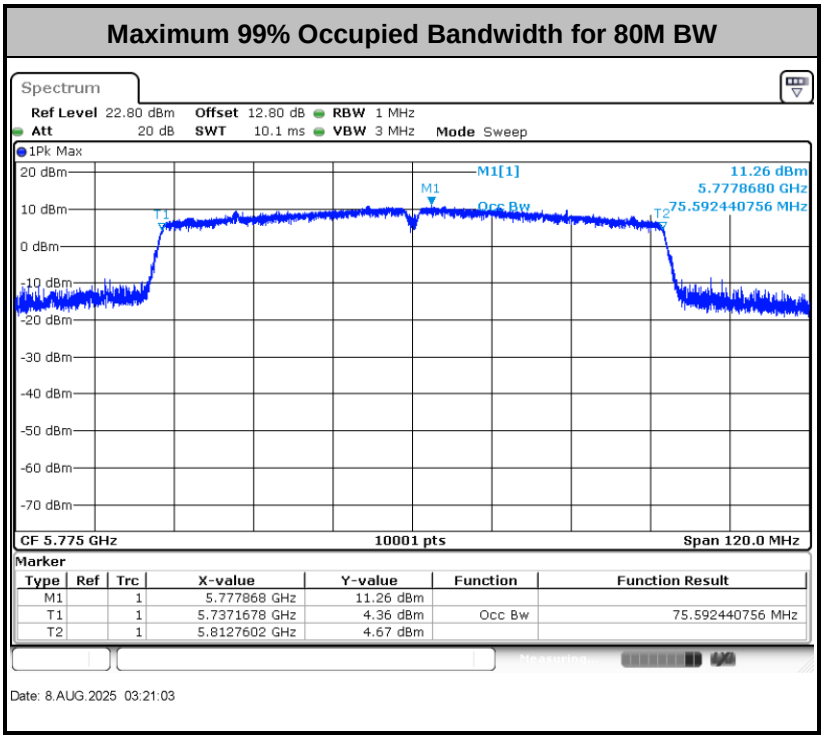
Maximum 99% Occupied Bandwidth for 20M BW



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 an access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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.

3.2.2 Measuring Instruments

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

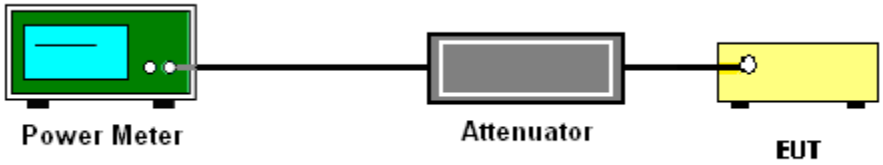
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For an access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band.

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

For devices operating in the bands UNII-1

 # 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.

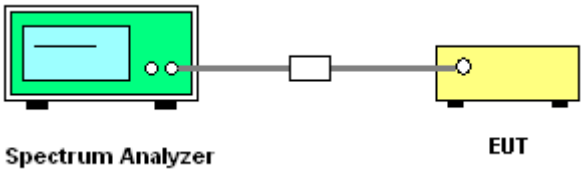
For devices operating in the band UNII-3

 # 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 = 500KHz (or 300 kHz if the SA can’t set RBW=500KHz).
- Set VBW ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- If the SA can’t set RBW=500KHz, then add 10 log(500kHz/RBW) to the test result.
- 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.

3.3.4 Test Setup

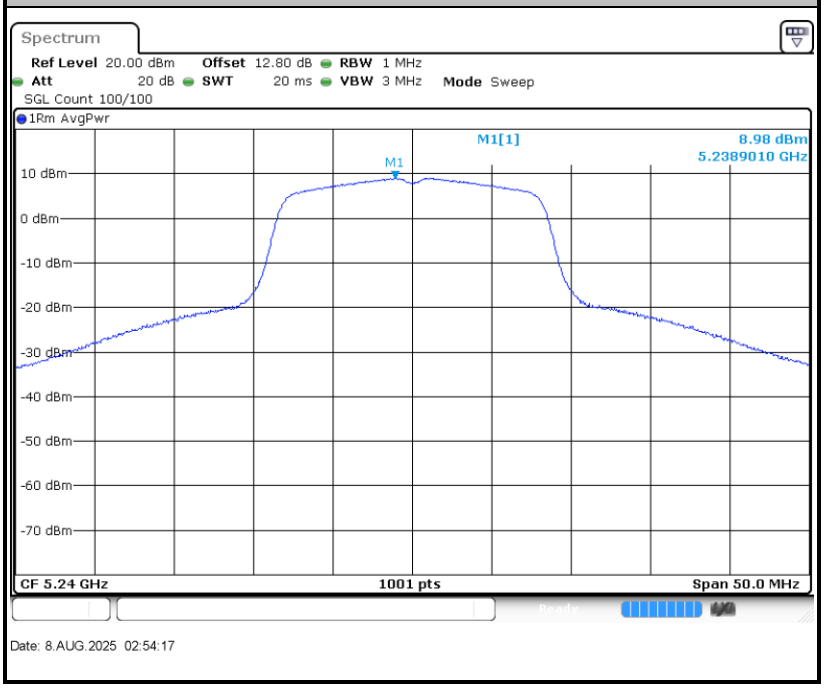


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

For devices operating in the bands UNII-1

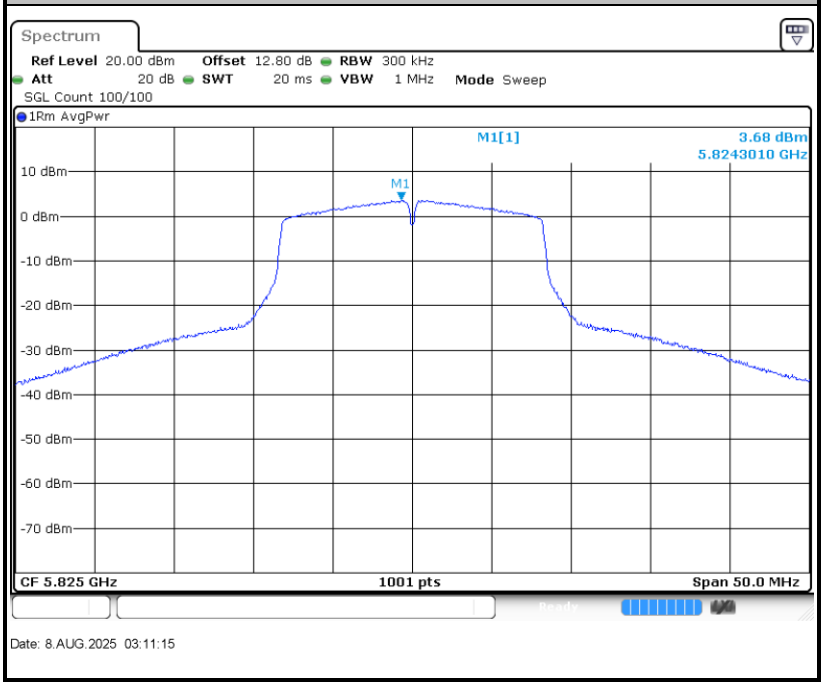
Worst Case Power Density (dBm/MHz)



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

For devices operating in the band UNII-3

Worst Case Power Density (dBm/300kHz)



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

(2) For transmitters operating in the 5.725-5.85 GHz band:
15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(3) 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

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

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

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

where

EIRP is the equivalent isotropically radiated power, in dBm

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

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

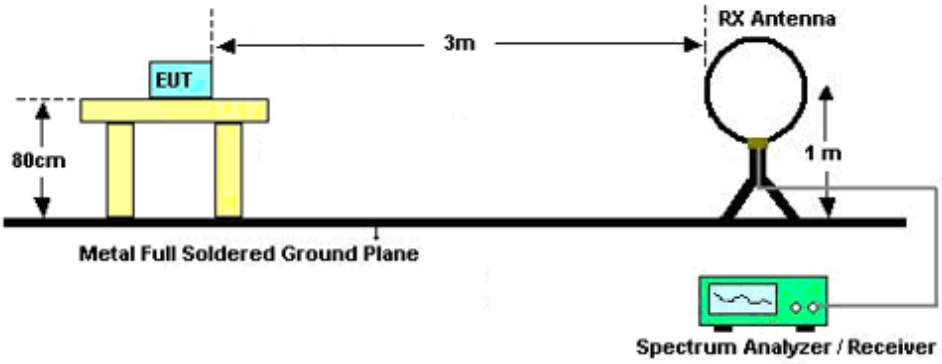
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on.

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.

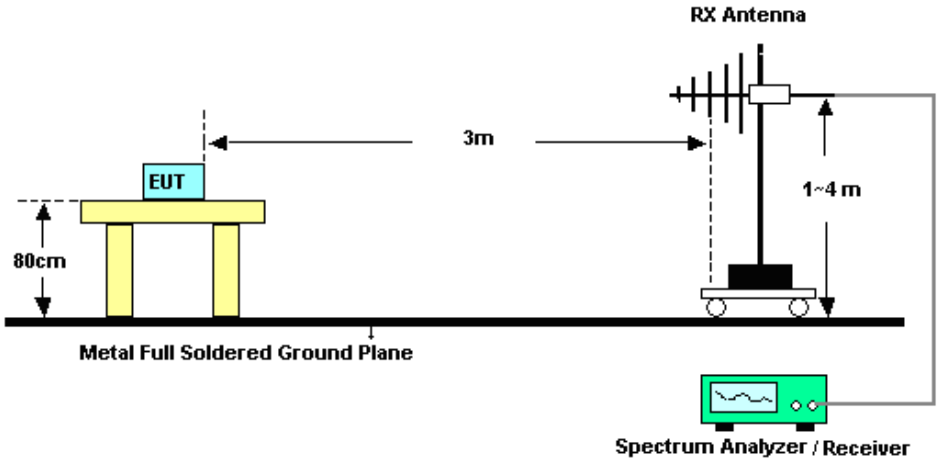
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level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

3.4.4 Test Setup

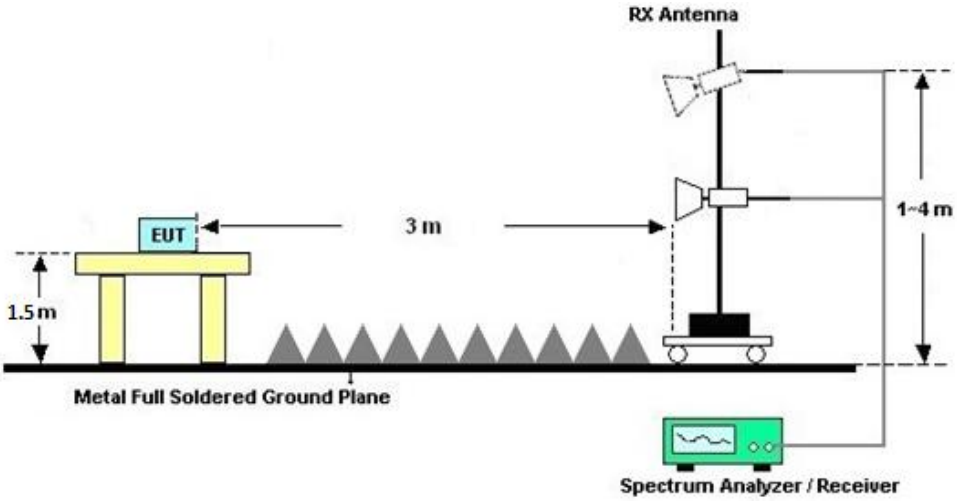
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

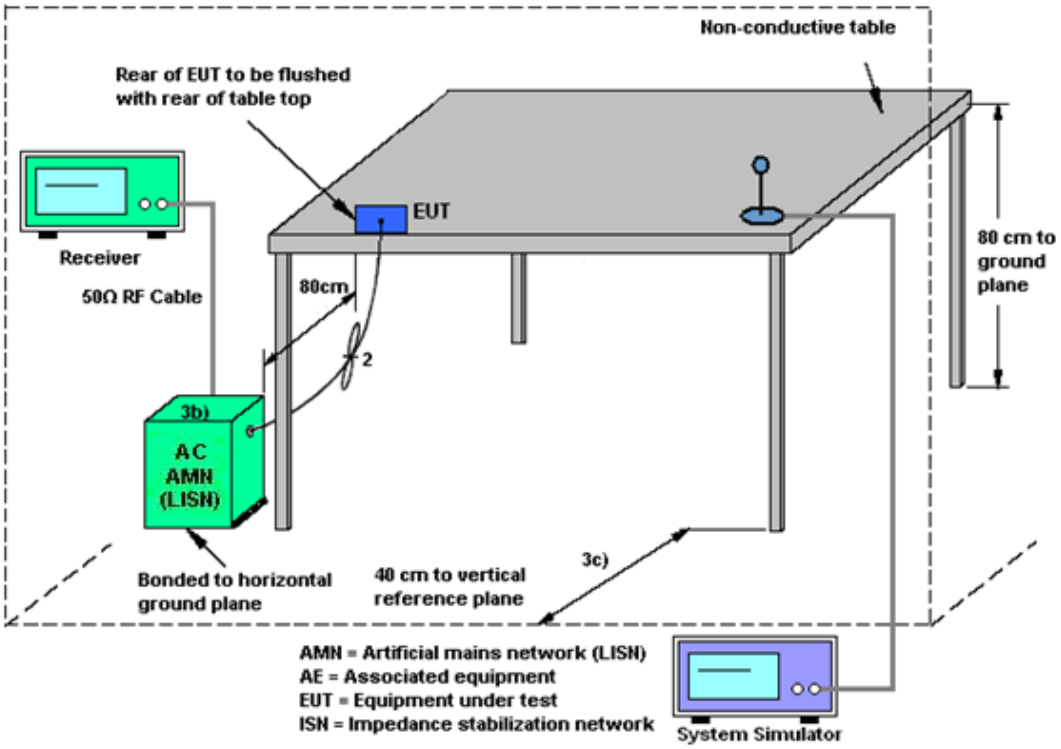
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

According to FCC 47 CFR Section 15.407(a)(1)(2) ,if transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Aug. 08, 2025~ Aug. 26, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 25, 2024	Aug. 08, 2025~ Aug. 26, 2025	Dec. 24, 2025	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct.14,2024	Aug. 08, 2025~ Aug. 26, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct.14,2024	Aug. 08, 2025~ Aug. 26, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Aug. 08, 2025~ Aug. 26, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 02, 2025	Aug. 17, 2025	Jul. 01, 2026	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2025	Aug. 17, 2025	Jul. 02, 2026	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Dec. 25, 2024	Aug. 17, 2025	Dec. 24, 2025	Conduction (CO02-SZ)
Thermo meter	Anymetre	JR593	#14	- 10℃ ～ 50℃ 10%RH~99%RH	Jul. 05, 2024	Aug. 17, 2025	Jul. 04, 2025	Conduction (CO02-SZ)
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 14, 2024	Aug. 22, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Aug. 22, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Aug. 22, 2025	Dec. 27, 2025	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Apr. 21, 2025	Aug. 22, 2025	Apr. 20, 2026	Radiation (03CH04-SZ)
Double Ridge Guide Antenna	ETS-Lindgren	Burgeon-3117	00240057	1GHz~18GHz	Jul. 03, 2025	Aug. 22, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 04, 2025	Aug. 22, 2025	Jul. 03, 2026	Radiation (03CH04-SZ)
LF Amplifier	EM Electronics	EM330	060773	20MHz-3GHz	Apr. 02, 2025	Aug. 22, 2025	Apr. 01, 2026	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Aug. 22, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Aug. 22, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY57280136	500MHz~26.5GHz	Jul. 03, 2025	Aug. 22, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F119050019	N/A	Oct. 14, 2024	Aug. 22, 2025	Oct. 13, 2025	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Aug. 22, 2025	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Aug. 22, 2025	NCR	Radiation (03CH04-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

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

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

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

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

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

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

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

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

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

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

Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Wen Shiwei	Temperature:	21~25	°C
Test Date:	2025/8/8~2025/8/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I							
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	
11a	6Mbps	1	36	5180	16.88	23.04	
11a	6Mbps	1	44	5220	16.97	22.44	
11a	6Mbps	1	48	5240	16.97	22.50	
HT20	MCS0	1	36	5180	17.94	22.08	
HT20	MCS0	1	44	5220	18.06	24.42	
HT20	MCS0	1	48	5240	18.11	24.42	
HT40	MCS0	1	38	5190	36.55	42.72	
HT40	MCS0	1	46	5230	36.85	45.60	
VHT80	MCS0	1	42	5210	75.54	82.32	

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TEST RESULTS DATA
Average Power Table

FCC Band I												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)		Pass/Fail	Power Setting
11a	6Mbps	1	36	5180	0.12	17.52	30.00	-1.42	16.10		Pass	18
11a	6Mbps	1	44	5220	0.12	17.57	30.00	-1.42	16.15		Pass	18
11a	6Mbps	1	48	5240	0.12	17.54	30.00	-1.42	16.12		Pass	18
HT20	MCS0	1	36	5180	0.13	17.87	30.00	-1.42	16.45		Pass	18.5
HT20	MCS0	1	44	5220	0.13	17.69	30.00	-1.42	16.27		Pass	18.5
HT20	MCS0	1	48	5240	0.13	17.71	30.00	-1.42	16.29		Pass	18.5
HT40	MCS0	1	38	5190	0.17	15.81	30.00	-1.42	14.39		Pass	16.5
HT40	MCS0	1	46	5230	0.17	16.32	30.00	-1.42	14.90		Pass	17
VHT20	MCS0	1	36	5180	0.13	17.75	30.00	-1.42	16.33		Pass	18.5
VHT20	MCS0	1	44	5220	0.13	17.66	30.00	-1.42	16.24		Pass	18.5
VHT20	MCS0	1	48	5240	0.13	17.68	30.00	-1.42	16.26		Pass	18.5
VHT40	MCS0	1	38	5190	0.20	15.74	30.00	-1.42	14.32		Pass	16.5
VHT40	MCS0	1	46	5230	0.20	16.30	30.00	-1.42	14.88		Pass	17
VHT80	MCS0	1	42	5210	0.51	13.13	30.00	-1.42	11.71		Pass	14

TEST RESULTS DATA
Power Spectral Density

FCC Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	-	Pass/Fail
11a	6Mbps	1	36	5180	0.12	8.76	17.00	-1.42		Pass
11a	6Mbps	1	44	5220	0.12	8.94	17.00	-1.42		Pass
11a	6Mbps	1	48	5240	0.12	9.10	17.00	-1.42		Pass
HT20	MCS0	1	36	5180	0.13	8.19	17.00	-1.42		Pass
HT20	MCS0	1	44	5220	0.13	8.89	17.00	-1.42		Pass
HT20	MCS0	1	48	5240	0.13	9.01	17.00	-1.42		Pass
HT40	MCS0	1	38	5190	0.17	5.66	17.00	-1.42		Pass
HT40	MCS0	1	46	5230	0.17	6.09	17.00	-1.42		Pass
VHT80	MCS0	1	42	5210	0.51	2.66	17.00	-1.42		Pass

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

Band IV									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	6 dB Bandwidth (MHz)	6dB Bandwidth min. Limit (MHz)	Pass/Fail
11a	6M bps	1	149	5745	16.97	23.46	15.15	0.5	Pass
11a	6Mbps	1	157	5785	16.97	22.98	15.15	0.5	Pass
11a	6Mbps	1	165	5825	16.96	22.56	15.20	0.5	Pass
HT20	MCS 0	1	149	5745	17.97	26.04	15.20	0.5	Pass
HT20	MCS 0	1	157	5785	18.04	25.20	15.20	0.5	Pass
HT20	MCS 0	1	165	5825	17.95	25.92	15.20	0.5	Pass
HT40	MCS 0	1	151	5755	36.75	44.88	35.28	0.5	Pass
HT40	MCS 0	1	159	5795	36.89	47.52	35.28	0.5	Pass
VHT80	MCS 0	1	155	5775	75.59	82.56	75.52	0.5	Pass

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TEST RESULTS DATA
Average Power Table

Band IV											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail	Setting
11a	6M bps	1	149	5745	0.12	17.57	30.00	-0.68		Pass	18
11a	6Mbps	1	157	5785	0.12	17.60	30.00	-0.68		Pass	18
11a	6Mbps	1	165	5825	0.12	17.62	30.00	-0.68		Pass	18
HT20	MCS 0	1	149	5745	0.13	17.70	30.00	-0.68		Pass	18.5
HT20	MCS 0	1	157	5785	0.13	17.83	30.00	-0.68		Pass	18.5
HT20	MCS 0	1	165	5825	0.13	17.79	30.00	-0.68		Pass	18.5
HT40	MCS 0	1	151	5755	0.17	16.14	30.00	-0.68		Pass	17
HT40	MCS 0	1	159	5795	0.17	16.15	30.00	-0.68		Pass	17
VHT20	MCS 0	1	149	5745	0.13	17.68	30.00	-0.68		Pass	18.5
VHT20	MCS 0	1	157	5785	0.13	17.82	30.00	-0.68		Pass	18.5
VHT20	MCS 0	1	165	5825	0.13	17.77	30.00	-0.68		Pass	18.5
VHT40	MCS 0	1	151	5755	0.20	16.10	30.00	-0.68		Pass	17
VHT40	MCS 0	1	159	5795	0.20	16.12	30.00	-0.68		Pass	17
VHT80	MCS 0	1	155	5775	0.51	14.36	30.00	-0.68		Pass	15

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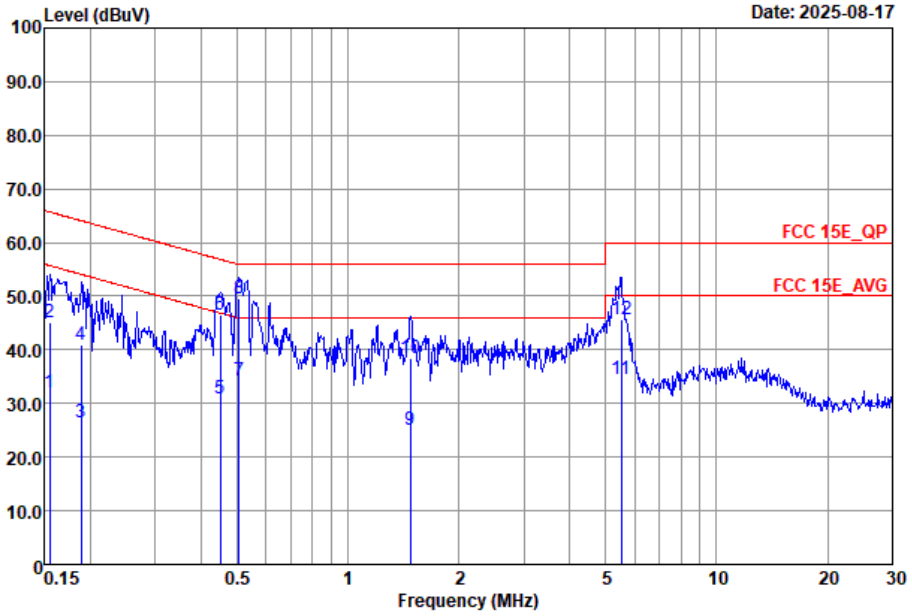
TEST RESULTS DATA
Power Spectral Density

Band IV										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	10log (500kHz /RBW) Factor (dB)	Average Power Density (dBm/500kHz)	Average PSD Limit (dBm/500kHz)	DG (dBi)	Pass/Fail
11a	6M bps	1	149	5745	0.12	2.22	5.95	30.00	-0.68	Pass
11a	6Mbps	1	157	5785	0.12	2.22	5.91	30.00	-0.68	Pass
11a	6Mbps	1	165	5825	0.12	2.22	6.02	30.00	-0.68	Pass
HT20	MCS 0	1	149	5745	0.13	2.22	5.59	30.00	-0.68	Pass
HT20	MCS 0	1	157	5785	0.13	2.22	6.02	30.00	-0.68	Pass
HT20	MCS 0	1	165	5825	0.13	2.22	5.64	30.00	-0.68	Pass
HT40	MCS 0	1	151	5755	0.17	2.22	3.45	30.00	-0.68	Pass
HT40	MCS 0	1	159	5795	0.17	2.22	3.27	30.00	-0.68	Pass
VHT80	MCS 0	1	155	5775	0.51	2.22	-0.22	30.00	-0.68	Pass

Appendix B. AC Conducted Emission Test Results

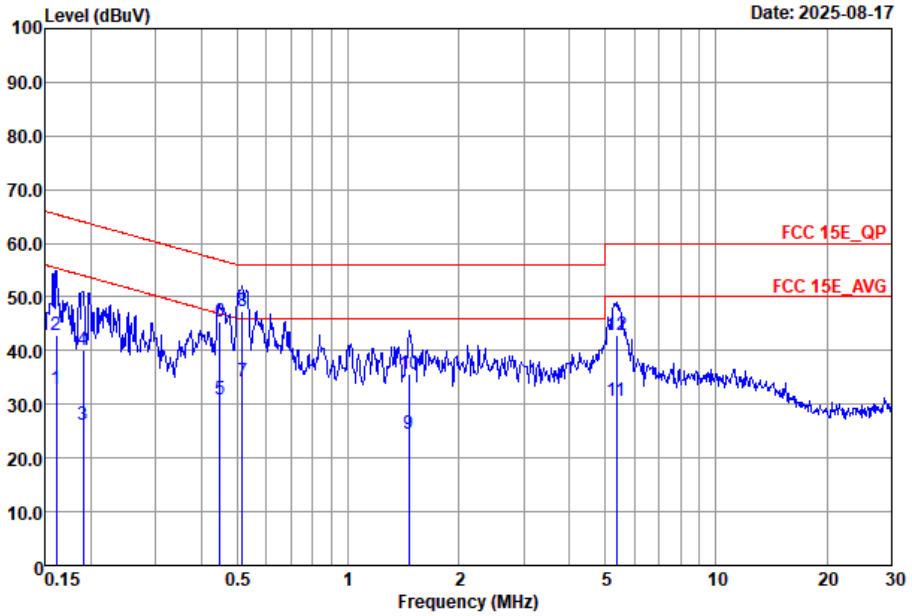
Test Engineer :	XuRuibin	**Temperature :**	22~24℃
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



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

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.16	32.15	-23.54	55.69	12.29	9.67	10.19	Average
2		0.16	45.15	-20.54	65.69	25.29	9.67	10.19	QP
3		0.19	26.58	-27.48	54.06	6.70	9.70	10.18	Average
4		0.19	40.98	-23.08	64.06	21.10	9.70	10.18	QP
5		0.45	30.93	-15.92	46.85	11.01	9.69	10.23	Average
6		0.45	46.43	-10.42	56.85	26.51	9.69	10.23	QP
7		0.51	34.32	-11.68	46.00	14.40	9.68	10.24	Average
8	*	0.51	49.52	-6.48	56.00	29.60	9.68	10.24	QP
9		1.48	25.01	-20.99	46.00	5.10	9.66	10.25	Average
10		1.48	38.51	-17.49	56.00	18.60	9.66	10.25	QP
11		5.51	34.41	-15.59	50.00	14.50	9.65	10.26	Average
12		5.51	45.61	-14.39	60.00	25.70	9.65	10.26	QP

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



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

	Freq MHz	Level dBuV	Over Limit dB	Limit Line dBuV	Read Level dBuV	LISN Factor dB	Cable Loss dB	Remark
1	0.16	32.76	-22.62	55.38	12.90	9.67	10.19	Average
2	0.16	42.86	-22.52	65.38	23.00	9.67	10.19	QP
3	0.19	26.11	-27.91	54.02	6.10	9.83	10.18	Average
4	0.19	40.01	-24.01	64.02	20.00	9.83	10.18	QP
5	0.45	30.90	-15.99	46.89	10.71	9.96	10.23	Average
6	0.45	45.40	-11.49	56.89	25.21	9.96	10.23	QP
7	0.52	34.25	-11.75	46.00	14.39	9.62	10.24	Average
8 *	0.52	47.35	-8.65	56.00	27.49	9.62	10.24	QP
9	1.46	24.44	-21.56	46.00	4.49	9.70	10.25	Average
10	1.46	35.64	-20.36	56.00	15.69	9.70	10.25	QP
11	5.36	30.78	-19.22	50.00	10.80	9.72	10.26	Average
12	5.36	42.78	-17.22	60.00	22.80	9.72	10.26	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

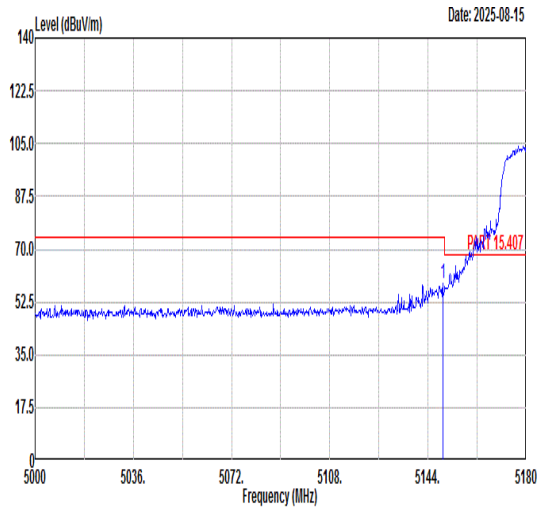
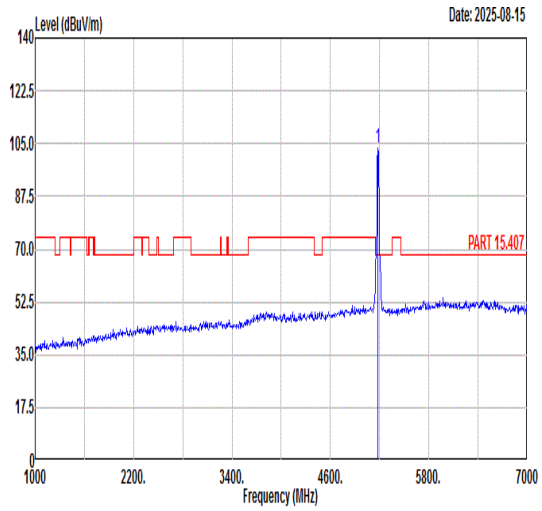
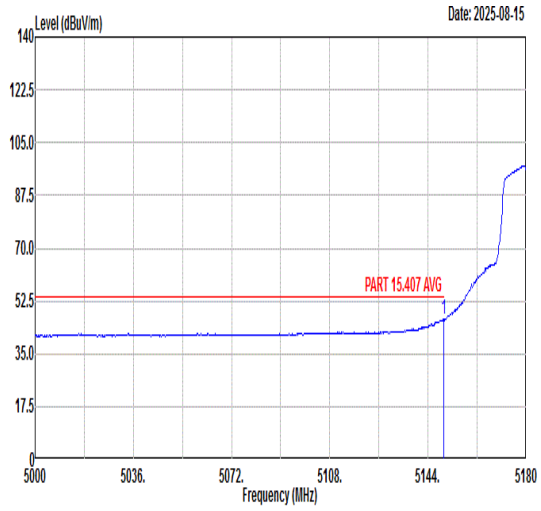
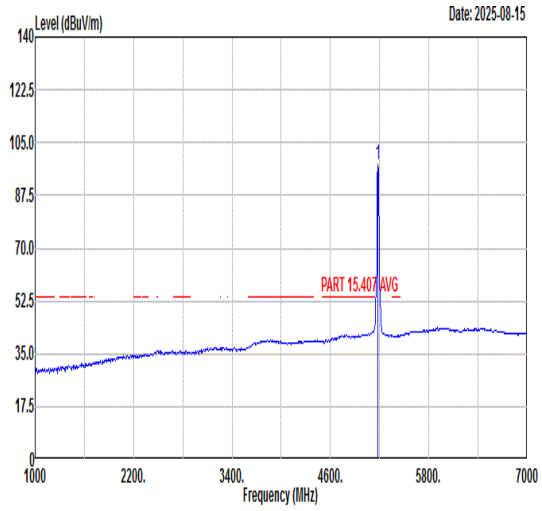
Test Engineer :	Jia Kuang	Relative Humidity :	48~49%
		Temperature :	24~25℃

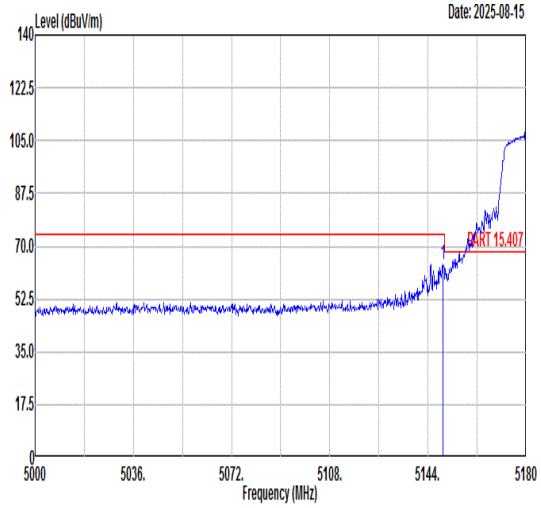
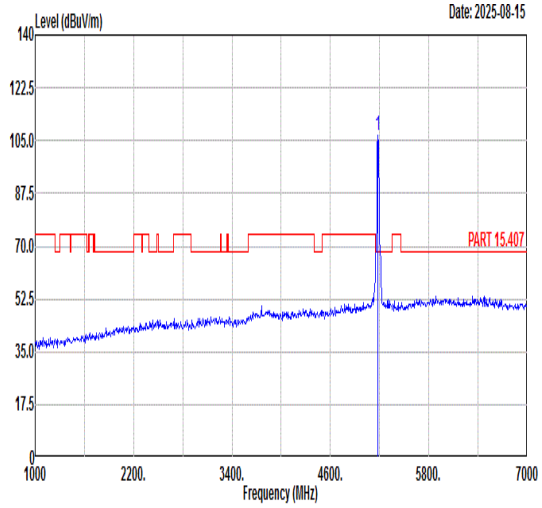
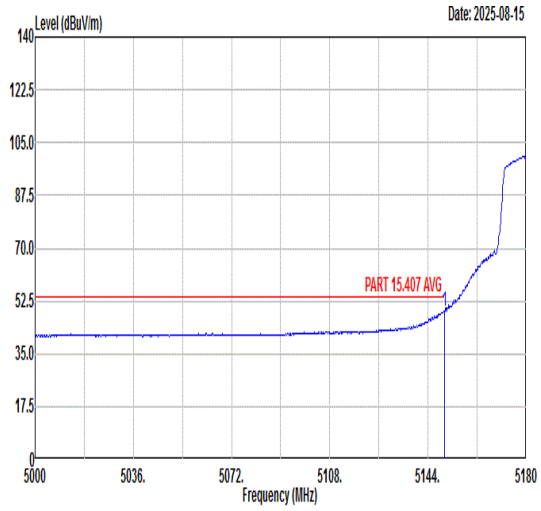
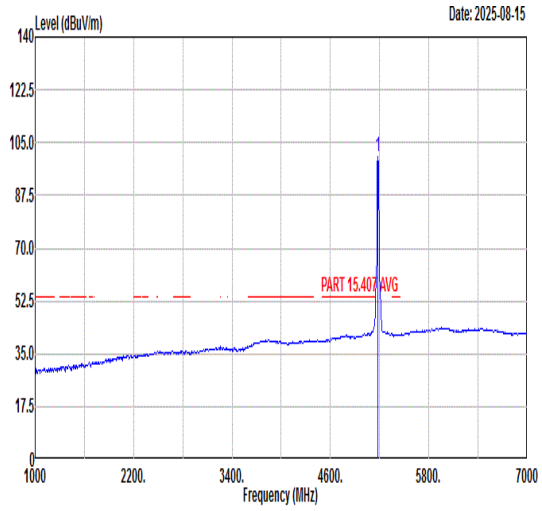
Radiated Spurious Emission Test Modes

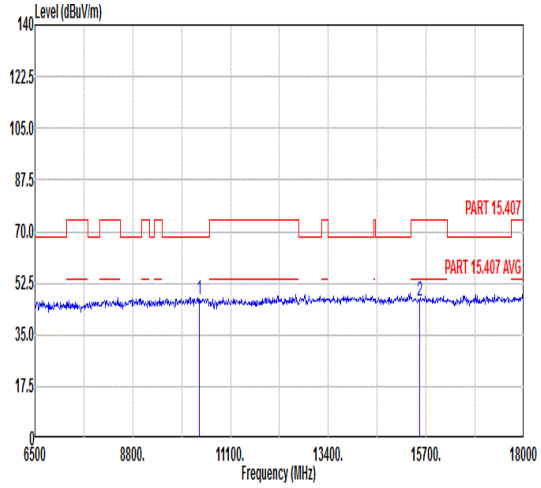
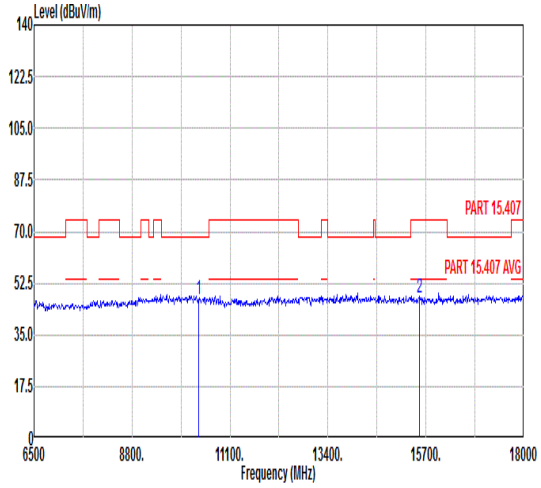
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	SISO	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	SISO	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	SISO	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	SISO	802.11n HT20	36	5180	MCS0	-	-
Mode 5	U-NII-1	5.15-5.25	SISO	802.11n HT20	44	5220	MCS0	-	-
Mode 6	U-NII-1	5.15-5.25	SISO	802.11n HT20	48	5240	MCS0	-	-
Mode 7	U-NII-1	5.15-5.25	SISO	802.11n HT40	38	5190	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	SISO	802.11n HT40	46	5230	MCS0	-	-
Mode 9	U-NII-1	5.15-5.25	SISO	802.11ac VHT80	42	5210	MCS0	-	-
Mode 10	U-NII-3	5.725-5.85	SISO	802.11a	149	5745	6Mbps	-	-
Mode 11	U-NII-3	5.725-5.85	SISO	802.11a	157	5785	6Mbps	-	-
Mode 12	U-NII-3	5.725-5.85	SISO	802.11a	165	5825	6Mbps	-	-
Mode 13	U-NII-3	5.725-5.85	SISO	802.11n HT20	149	5745	MCS0	-	-
Mode 14	U-NII-3	5.725-5.85	SISO	802.11n HT20	157	5785	MCS0	-	-
Mode 15	U-NII-3	5.725-5.85	SISO	802.11n HT20	165	5825	MCS0	-	-
Mode 16	U-NII-3	5.725-5.85	SISO	802.11n HT40	151	5755	MCS0	-	-
Mode 17	U-NII-3	5.725-5.85	SISO	802.11n HT40	159	5795	MCS0	-	-
Mode 18	U-NII-3	5.725-5.85	SISO	802.11ac VHT80	155	5775	MCS0	-	-
Mode 19	U-NII-1	5.15-5.25	SISO	802.11ac VHT80 LF	42	5210	MCS0	-	-
Mode 20	U-NII-3	5.725-5.85	SISO	802.11ac VHT80 LF	155	5775	MCS0	-	-

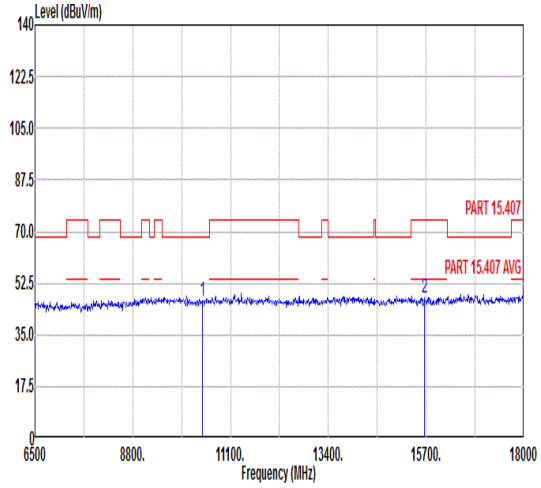
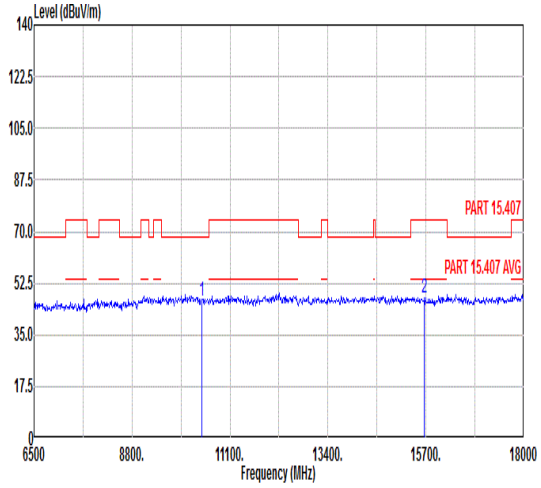
Summary of each worse mode

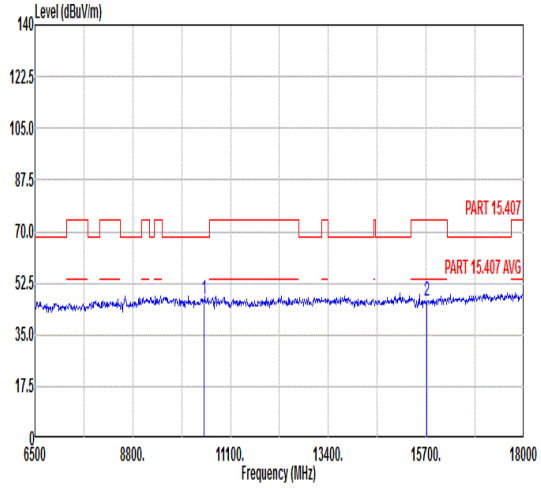
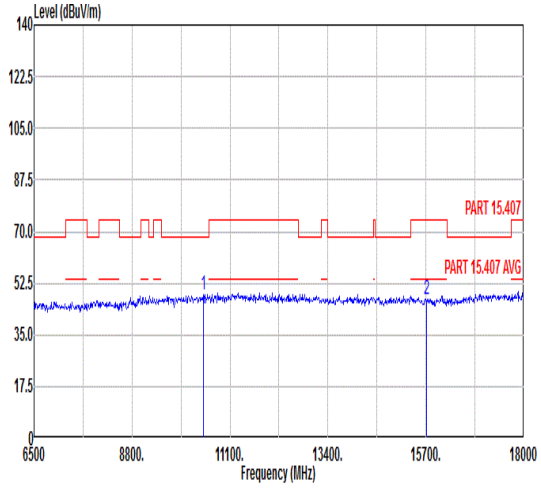
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.94	48.99	54.00	-5.01	V	AVERAGE	Pass	Band Edge
1	802.11a	36	10360.00	47.18	68.30	-21.12	V	Peak	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
2	802.11a	44	10440.00	46.63	68.30	-21.67	V	Peak	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
3	802.11a	48	10480.00	48.69	68.30	-19.61	V	Peak	Pass	Harmonic
4	802.11n HT20	36	5149.76	49.26	54.00	-4.74	V	AVERAGE	Pass	Band Edge
4	802.11n HT20	36	10360.00	47.39	68.30	-20.91	H	Peak	Pass	Harmonic
5	802.11n HT20	44	-	-	-	-	-	-	-	Band Edge
5	802.11n HT20	44	10440.00	48.22	68.30	-20.08	H	Peak	Pass	Harmonic
6	802.11n HT20	48	5399.72	42.17	54.00	-11.83	V	AVERAGE	Pass	Band Edge
6	802.11n HT20	48	10480.00	49.00	68.30	-19.30	H	Peak	Pass	Harmonic
7	802.11n HT40	38	5149.72	50.42	54.00	-3.58	V	AVERAGE	Pass	Band Edge
7	802.11n HT40	38	-	-	-	-	-	-	-	Harmonic
8	802.11n HT40	46	5149.96	45.73	54.00	-8.27	V	AVERAGE	Pass	Band Edge
8	802.11n HT40	46	-	-	-	-	-	-	-	Harmonic
9	802.11ac VHT80	42	5149.73	50.70	54.00	-3.30	V	AVERAGE	Pass	Band Edge
9	802.11ac VHT80	42	10420.00	48.52	68.30	-19.78	V	Peak	Pass	Harmonic
10	802.11a	149	-	-	-	-	-	-	-	Band Edge
10	802.11a	149	17235.00	48.22	68.30	-20.08	V	Peak	Pass	Harmonic
11	802.11a	157	-	-	-	-	-	-	-	Band Edge
11	802.11a	157	17355.00	49.66	68.30	-18.64	V	Peak	Pass	Harmonic
12	802.11a	165	-	-	-	-	-	-	-	Band Edge
12	802.11a	165	17475.00	49.89	68.30	-18.41	H	Peak	Pass	Harmonic
13	802.11n HT20	149	5644.81	53.73	68.30	-14.57	H	PEAK	Pass	Band Edge
13	802.11n HT20	149	17235.00	48.95	68.30	-19.35	H	Peak	Pass	Harmonic
14	802.11n HT20	157	-	-	-	-	-	-	-	Band Edge
14	802.11n HT20	157	17355.00	49.54	68.30	-18.76	V	Peak	Pass	Harmonic
15	802.11n HT20	165	5924.50	53.48	68.67	-15.19	V	PEAK	Pass	Band Edge
15	802.11n HT20	165	17475.00	49.22	68.30	-19.08	H	Peak	Pass	Harmonic
16	802.11n HT40	151	5649.45	57.30	68.30	-11.00	H	PEAK	Pass	Band Edge
16	802.11n HT40	151	-	-	-	-	-	-	-	Harmonic
17	802.11n HT40	159	5630.42	53.64	68.30	-14.66	H	PEAK	Pass	Band Edge
17	802.11n HT40	159	-	-	-	-	-	-	-	Harmonic
18	802.11ac VHT80	155	5650.40	63.42	68.60	-5.18	H	PEAK	Pass	Band Edge
18	802.11ac VHT80	155	17325.00	47.85	68.30	-20.45	V	Peak	Pass	Harmonic
19	802.11ac VHT80 LF	42	44.55	33.05	40.00	-6.95	V	Peak	Pass	LF
20	802.11ac VHT80 LF	155	44.55	32.91	40.00	-7.09	V	Peak	Pass	LF

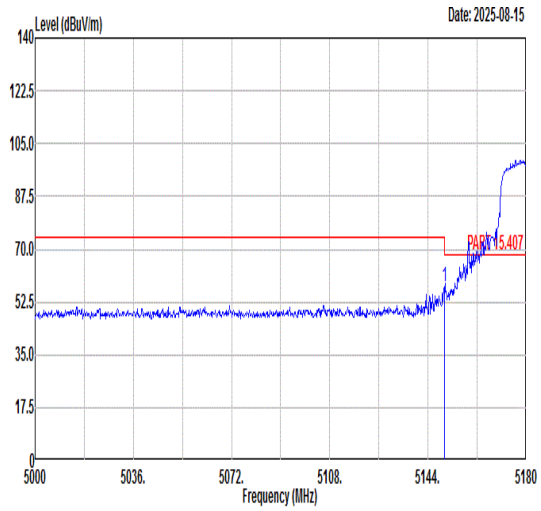
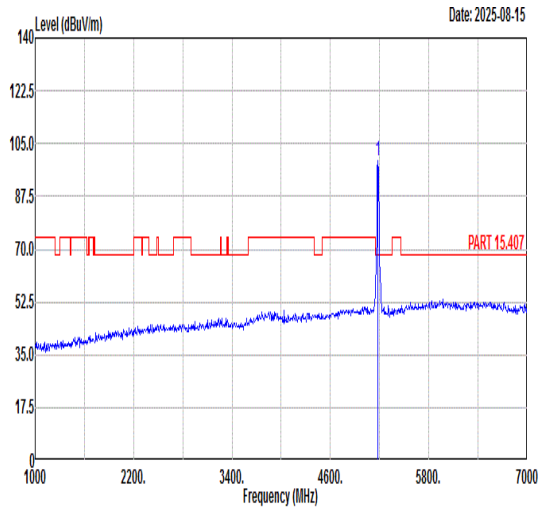
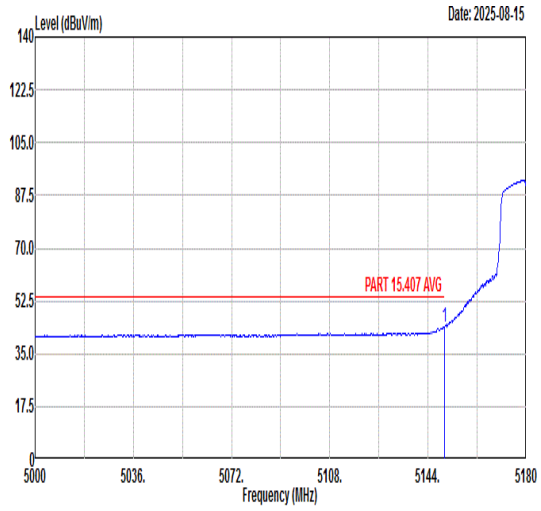
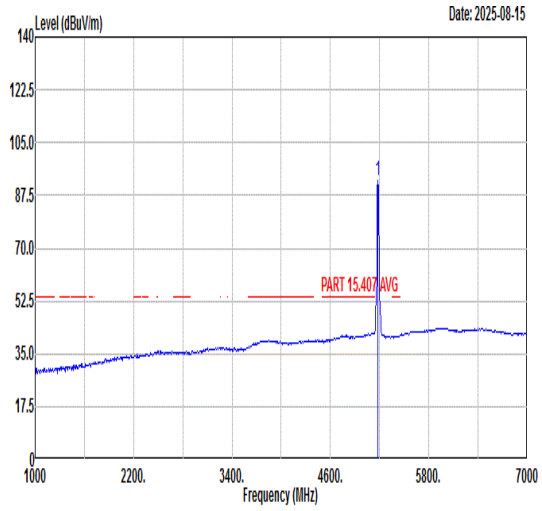
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.40 58.59 74.00 -15.41 48.24 35.29 8.53 33.47 257 297 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 103.66 ------ ------ 93.22 35.31 8.59 33.46 257 297 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 46.47 54.00 -7.53 36.11 35.29 8.54 33.47 257 297 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 97.53 ------ ------ 87.09 35.31 8.59 33.46 257 297 AVERAGE

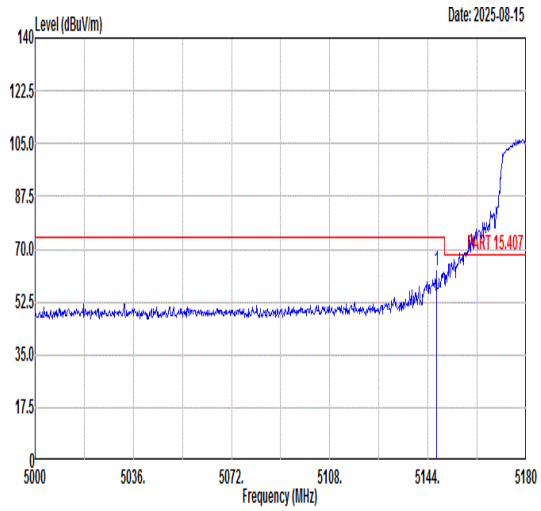
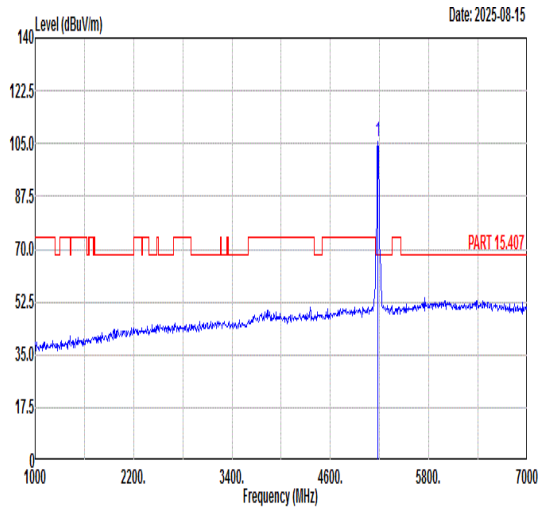
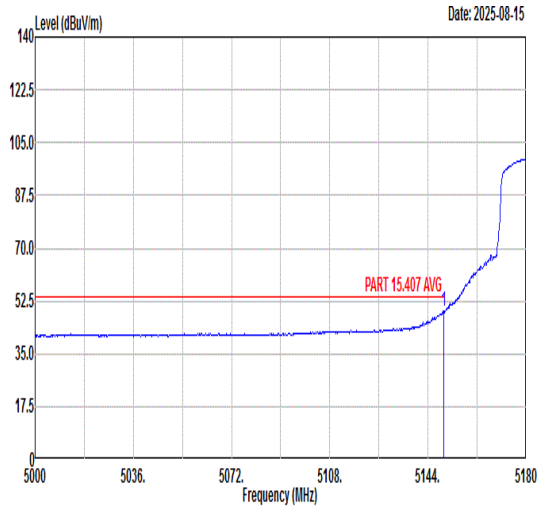
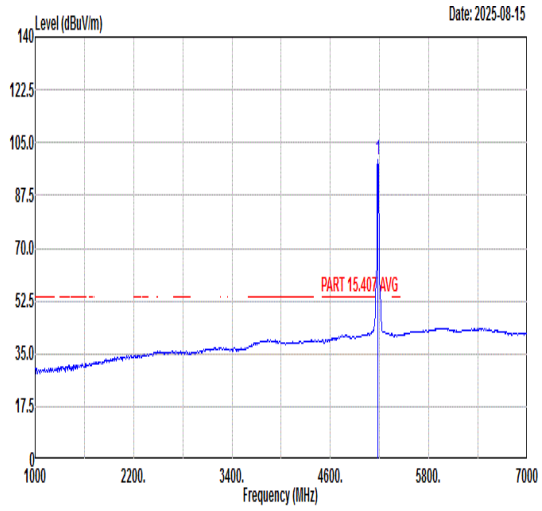
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.58 64.10 74.00 -9.90 53.75 35.29 8.53 33.47 273 184 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 5180.00 106.77 ------ ------ 96.33 35.31 8.59 33.46 273 184 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 5149.94 48.99 54.00 -5.01 38.63 35.29 8.54 33.47 273 184 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 5180.00 100.26 ------ ------ 89.83 35.31 8.58 33.46 273 184 AVERAGE

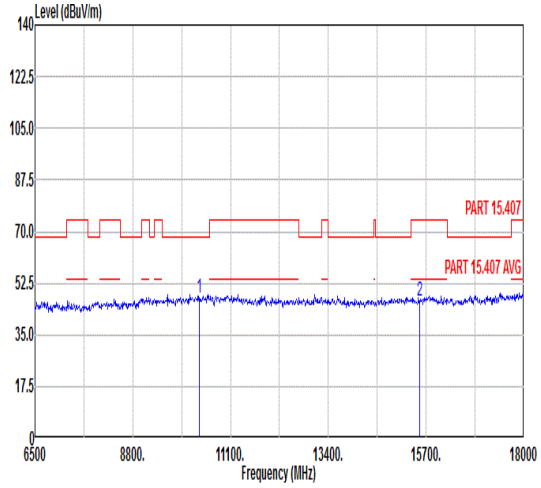
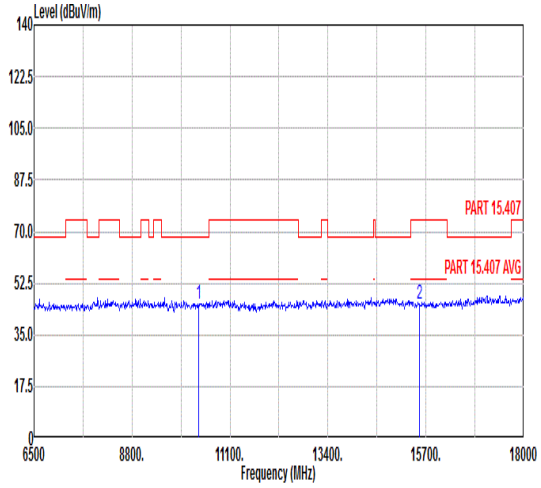
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10360.00 46.76 68.30 -21.54 60.42 38.04 12.06 63.76 --- --- Peak 2 15540.00 46.60 74.00 -27.40 55.49 40.91 14.58 64.38 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10360.00 47.18 68.30 -21.12 60.84 38.04 12.06 63.76 --- --- Peak 2 15540.00 47.33 74.00 -26.67 56.22 40.91 14.58 64.38 --- --- Peak

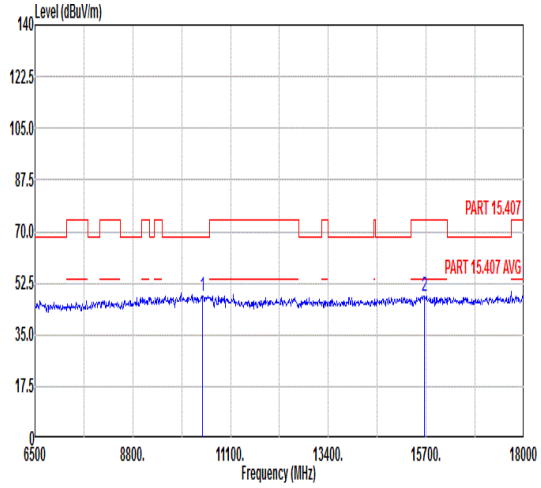
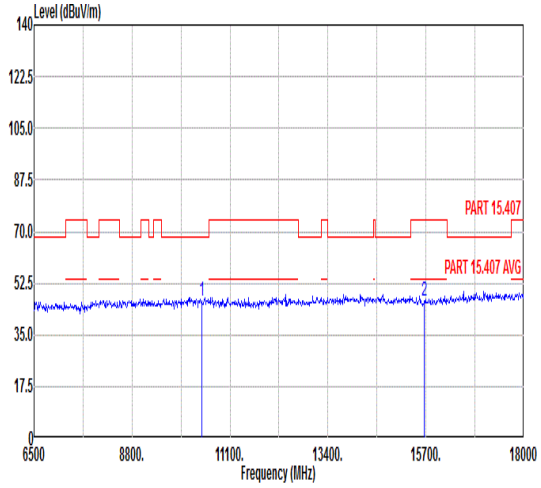
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10440.00 46.43 68.30 -21.87 59.95 38.08 12.12 63.72 --- --- Peak 2 15660.00 47.45 74.00 -26.55 56.22 41.05 14.64 64.46 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10440.00 46.63 68.30 -21.67 60.15 38.08 12.12 63.72 --- --- Peak 2 15660.00 47.49 74.00 -26.51 56.26 41.05 14.64 64.46 --- --- Peak

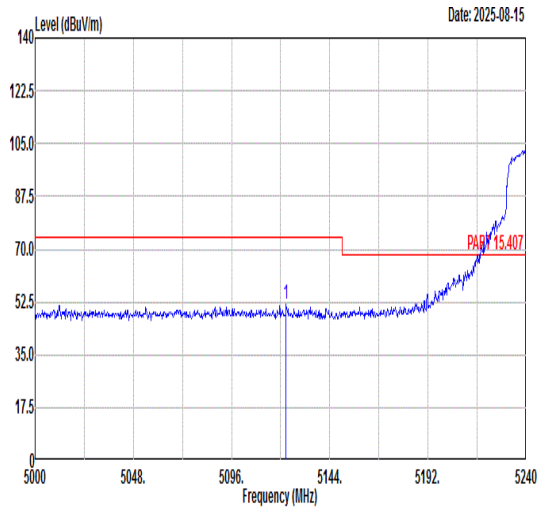
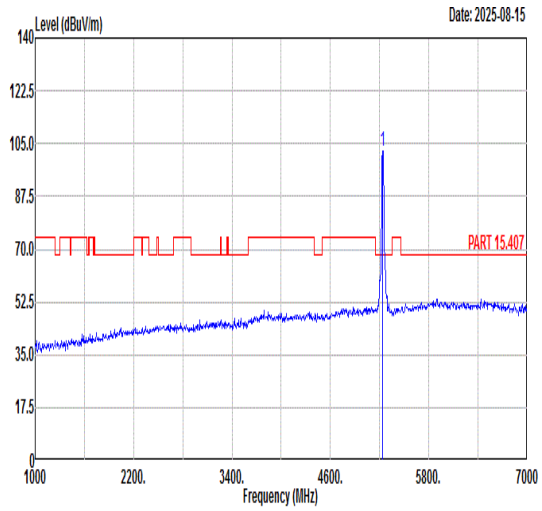
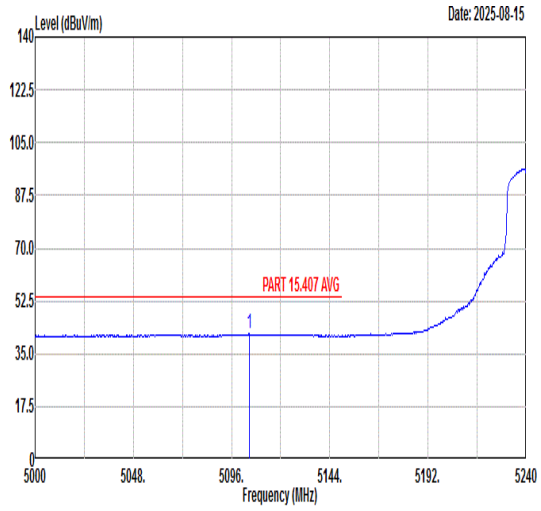
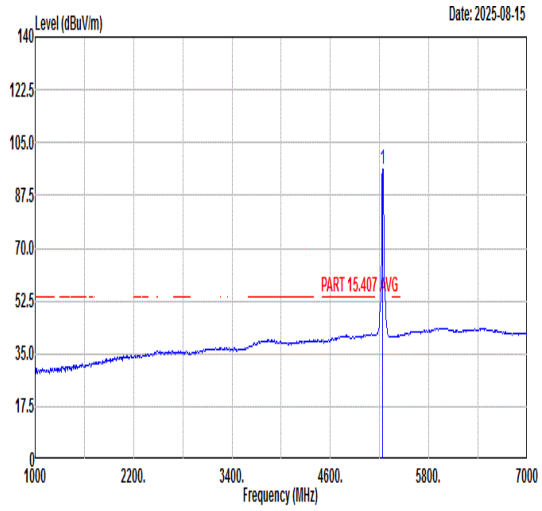
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10480.00 46.92 68.30 -21.38 60.39 38.09 12.15 63.71 --- --- Peak 2 15720.00 46.27 74.00 -27.73 54.99 41.12 14.66 64.50 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10480.00 48.69 68.30 -19.61 62.16 38.09 12.15 63.71 --- --- Peak 2 15720.00 47.11 74.00 -26.89 55.83 41.12 14.66 64.50 --- --- Peak

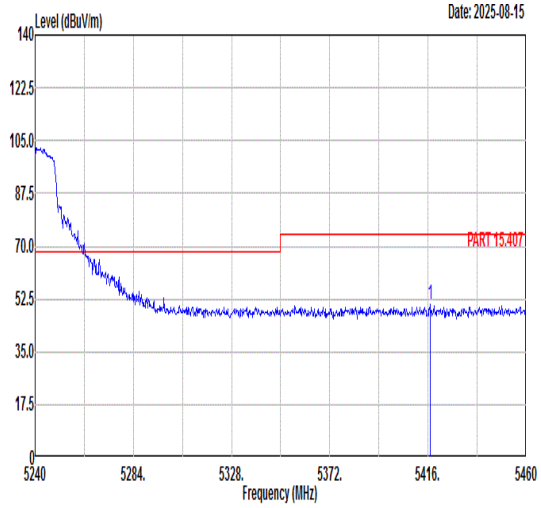
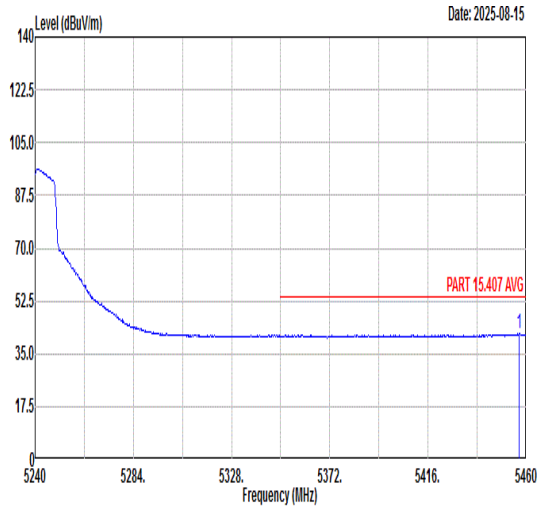
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.94 57.34 74.00 -16.66 46.98 35.29 8.54 33.47 100 155 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 99.09 ------ ------ 88.66 35.31 8.58 33.46 100 155 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.94 43.94 54.00 -10.06 33.58 35.29 8.54 33.47 100 155 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 92.56 ------ ------ 82.12 35.31 8.59 33.46 100 155 AVERAGE

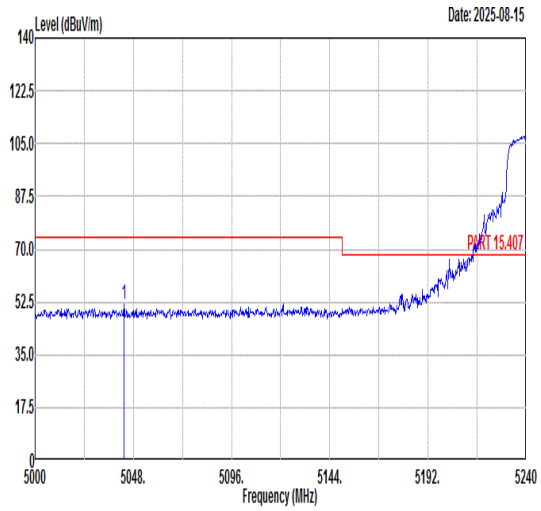
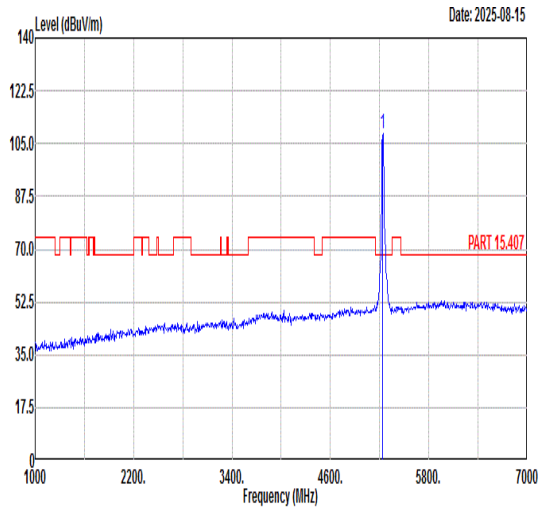
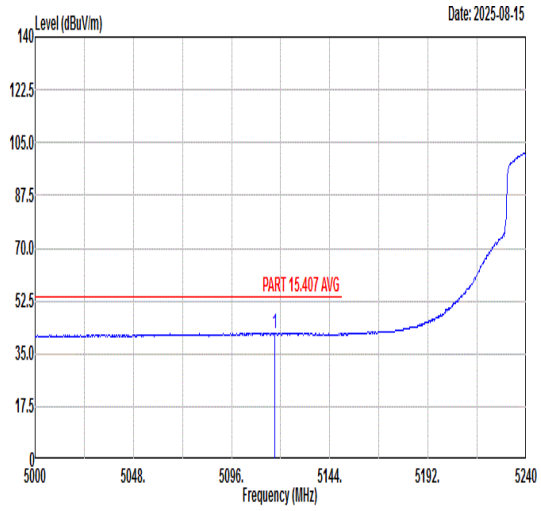
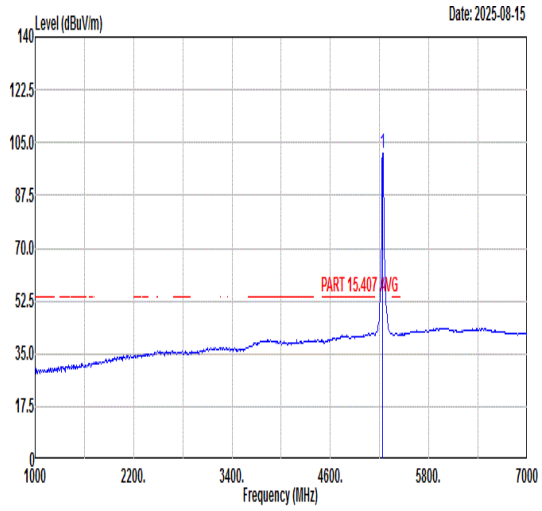
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5147.06 62.98 74.00 -11.02 52.63 35.29 8.53 33.47 274 183 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 105.71 ------ ------ 95.28 35.31 8.58 33.46 274 183 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 49.26 54.00 -4.74 38.90 35.29 8.54 33.47 274 183 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 99.51 ------ ------ 89.07 35.31 8.59 33.46 274 183 AVERAGE

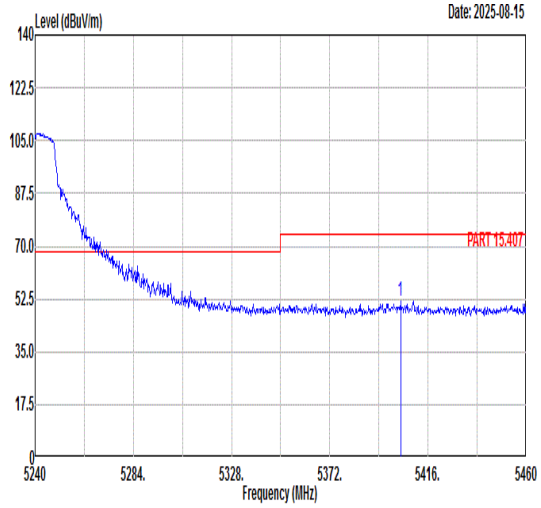
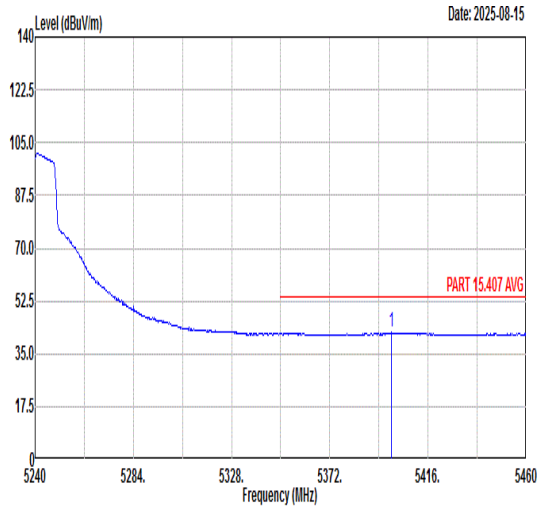
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10360.00 47.39 68.30 -20.91 61.05 38.04 12.06 63.76 --- --- Peak 2 15540.00 46.73 74.00 -27.27 55.62 40.91 14.58 64.38 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10360.00 45.64 68.30 -22.66 59.30 38.04 12.06 63.76 --- --- Peak 2 15540.00 45.61 74.00 -28.39 54.50 40.91 14.58 64.38 --- --- Peak

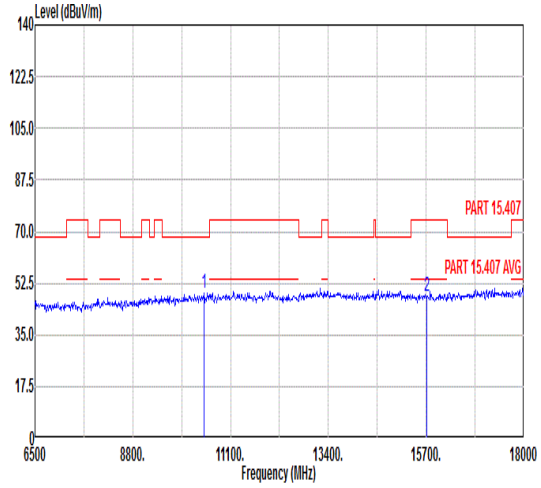
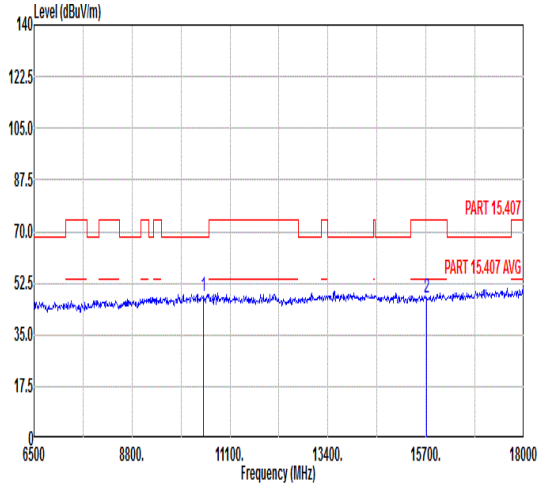
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10440.00 48.22 68.30 -20.08 61.74 38.08 12.12 63.72 --- --- Peak 2 15660.00 47.96 74.00 -26.04 56.73 41.05 14.64 64.46 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10440.00 46.68 68.30 -21.62 60.20 38.08 12.12 63.72 --- --- Peak 2 15660.00 46.68 74.00 -27.32 55.45 41.05 14.64 64.46 --- --- Peak

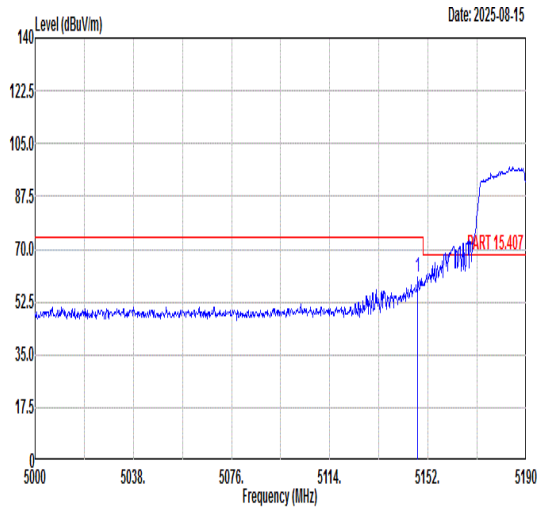
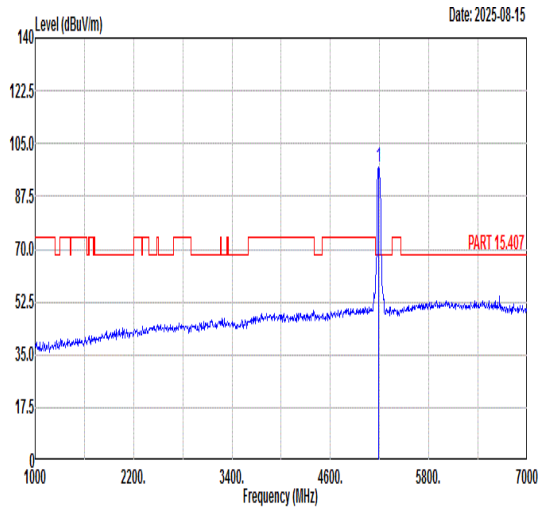
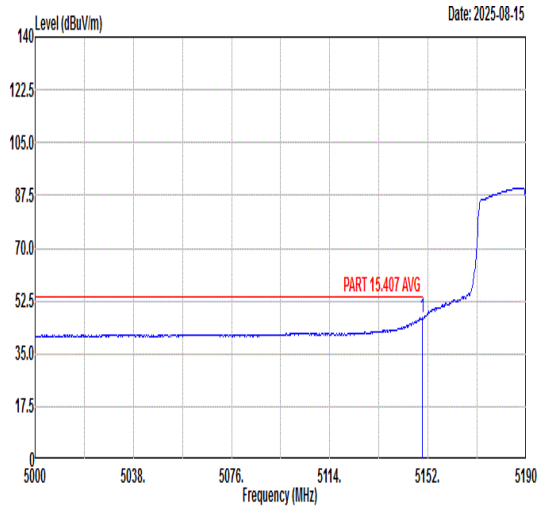
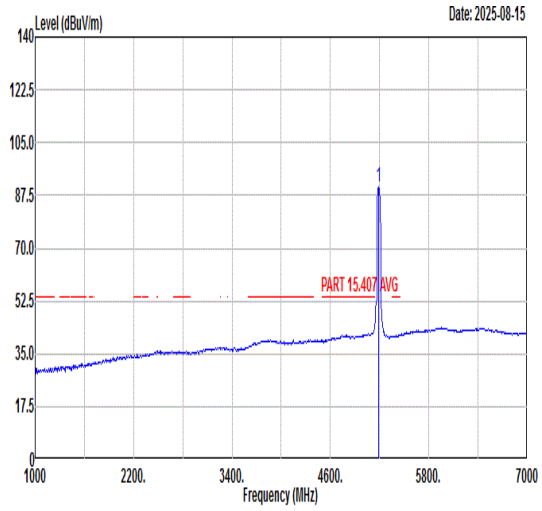
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5122.64 51.87 74.00 -22.13 41.59 35.27 8.49 33.48 387 217 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 5240.00 102.43 ------ ------ 91.77 35.34 8.77 33.45 387 217 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 5104.64 41.63 54.00 -12.37 31.40 35.26 8.45 33.48 387 217 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 5240.00 96.21 ------ ------ 85.50 35.35 8.81 33.45 387 217 AVERAGE

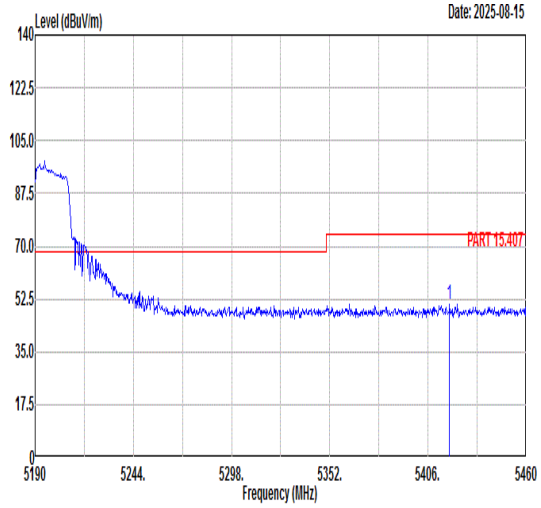
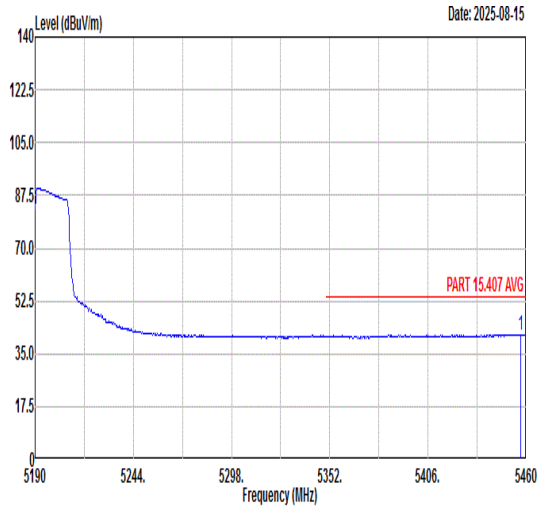
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5416.88 50.51 74.00 -23.49 38.81 35.45 9.67 33.42 387 217 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 5456.92 41.63 54.00 -12.37 29.88 35.47 9.69 33.41 387 217 AVERAGE	Blank

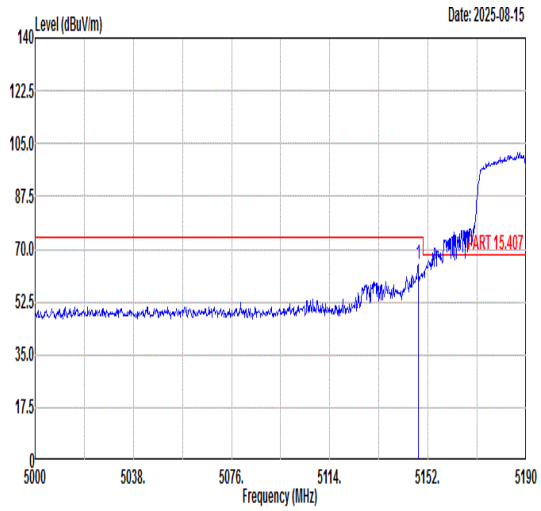
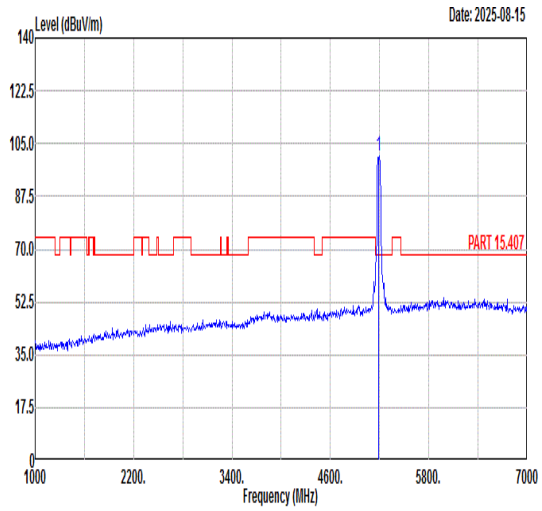
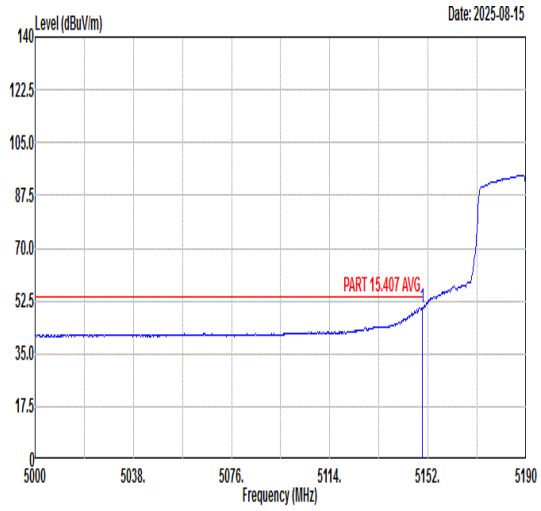
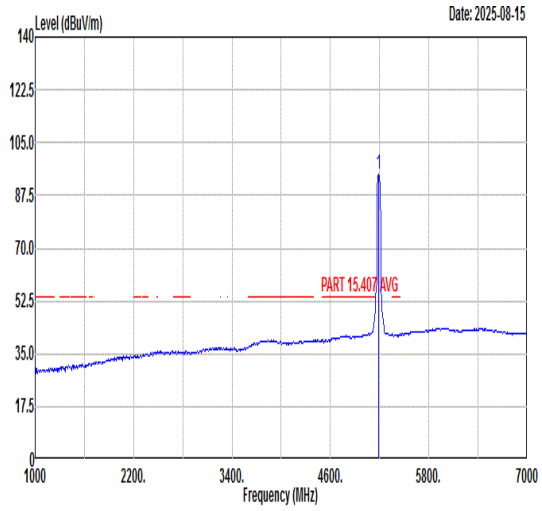
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5043.44 51.51 74.00 -22.49 41.43 35.23 8.34 33.49 263 185 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 5240.00 108.32 ------ ------ 97.61 35.35 8.81 33.45 263 185 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5117.12 41.88 54.00 -12.12 31.62 35.27 8.47 33.48 263 185 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 5240.00 101.28 ------ ------ 90.57 35.35 8.81 33.45 263 185 AVERAGE

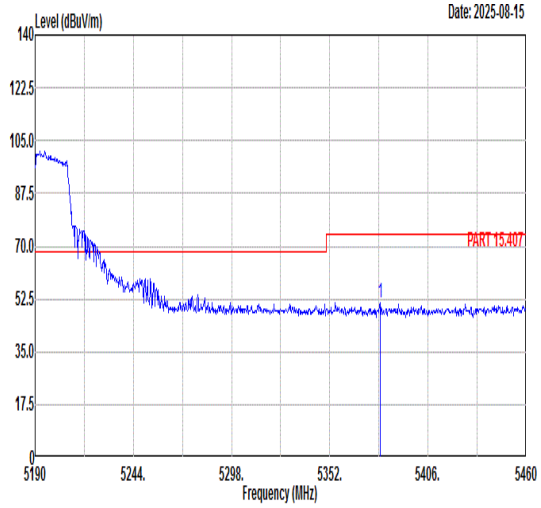
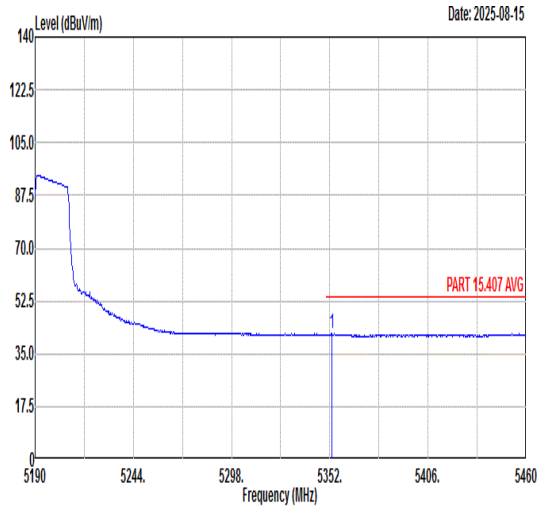
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5403.68 51.61 74.00 -22.39 39.95 35.44 9.64 33.42 263 185 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 5399.72 42.17 54.00 -11.83 30.53 35.44 9.62 33.42 263 185 AVERAGE	Blank

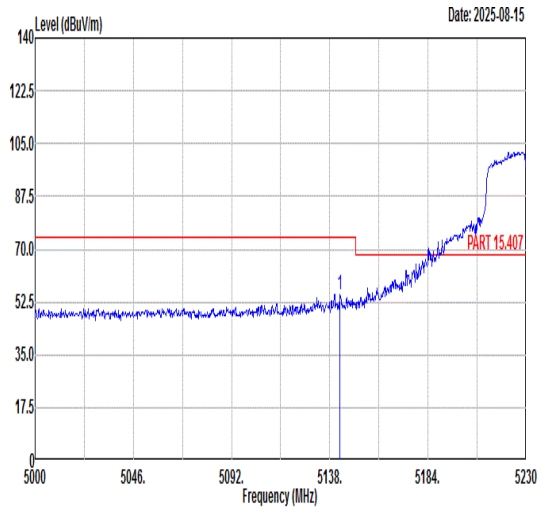
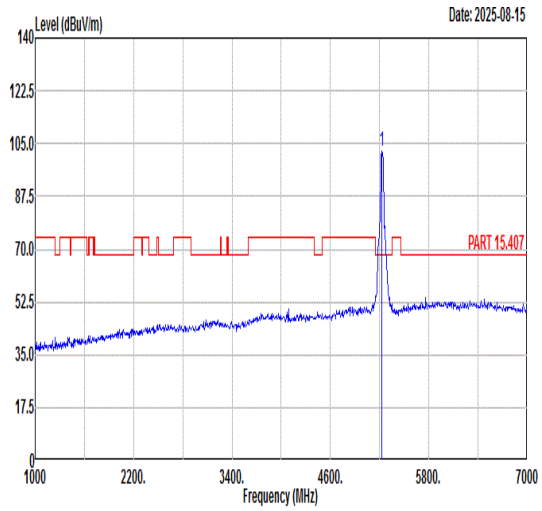
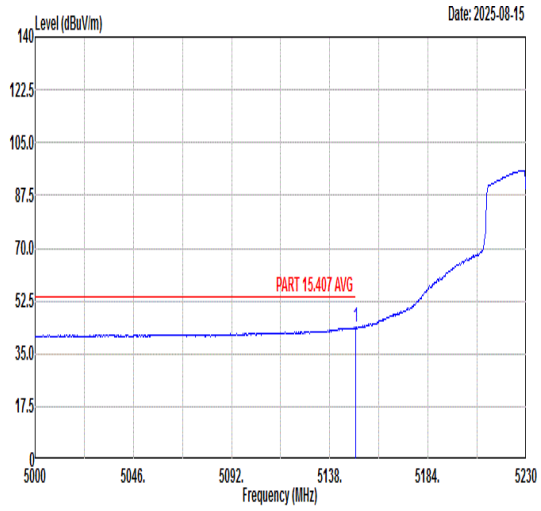
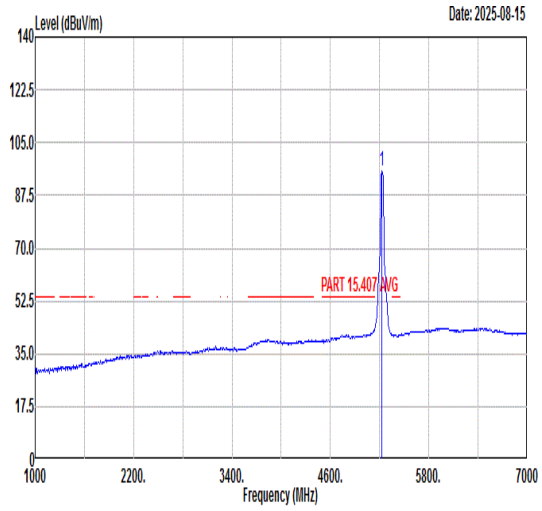
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10480.00 49.00 68.30 -19.30 62.47 38.09 12.15 63.71 --- --- Peak 2 15720.00 47.88 74.00 -26.12 56.60 41.12 14.66 64.50 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10480.00 47.86 68.30 -20.44 61.33 38.09 12.15 63.71 --- --- Peak 2 15720.00 47.37 74.00 -26.63 56.09 41.12 14.66 64.50 --- --- Peak

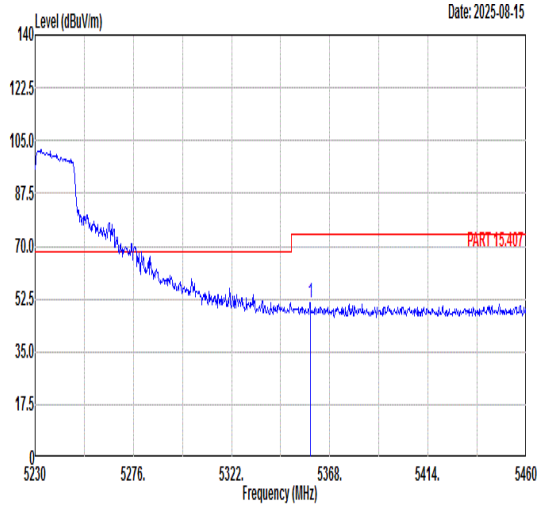
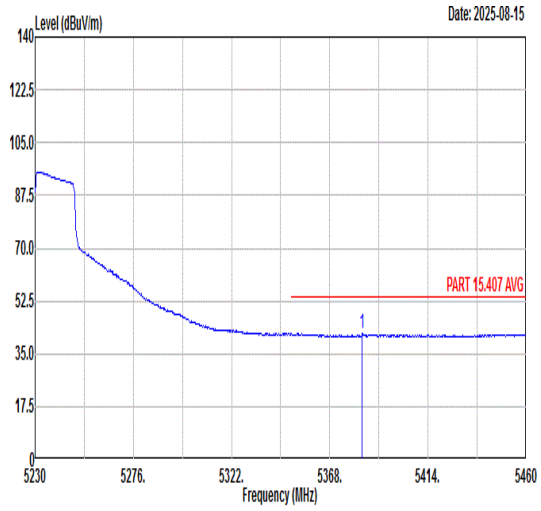
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5148.01 60.81 74.00 -13.19 50.46 35.29 8.53 33.47 271 229 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5190.00 97.15 ------ ------ 86.69 35.31 8.61 33.46 271 229 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.91 46.87 54.00 -7.13 36.51 35.29 8.54 33.47 271 229 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5190.00 90.14 ------ ------ 79.68 35.31 8.61 33.46 271 229 AVERAGE

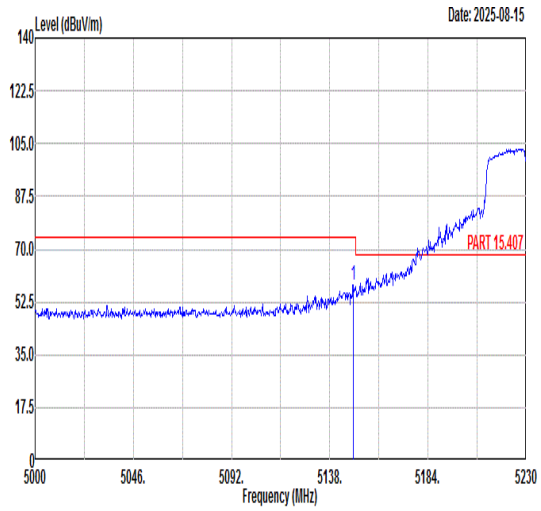
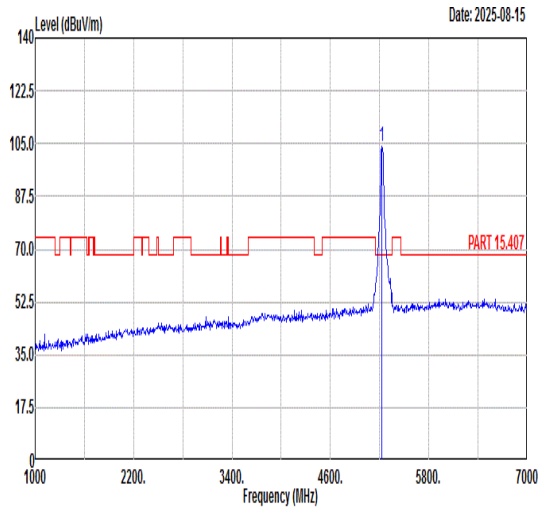
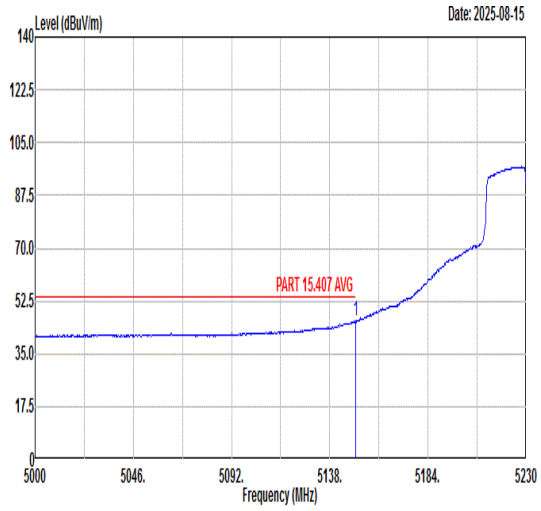
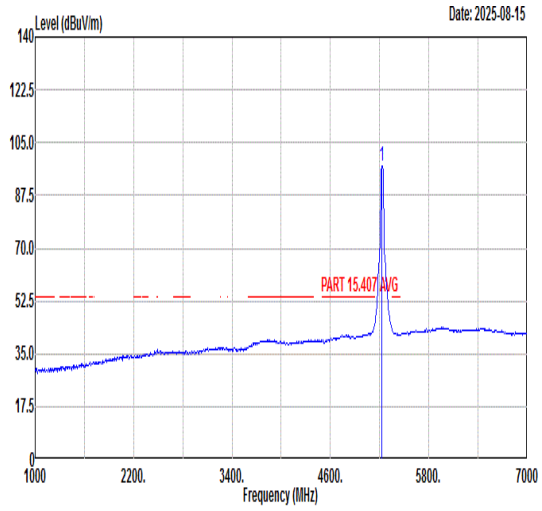
Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5417.88 50.85 74.00 -23.15 39.15 35.45 9.67 33.42 271 229 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 5456.76 41.42 54.00 -12.58 29.67 35.47 9.69 33.41 271 229 AVERAGE	Blank

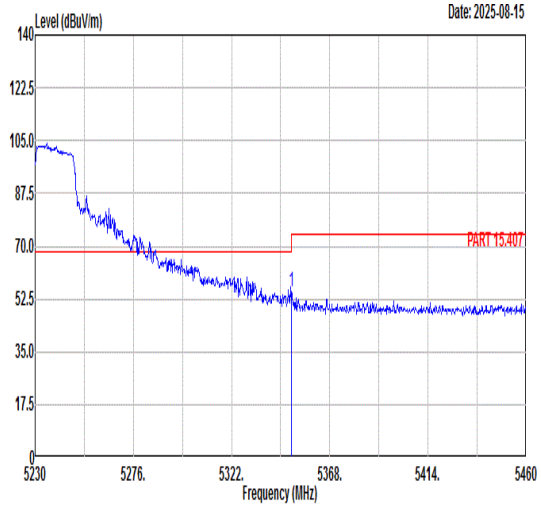
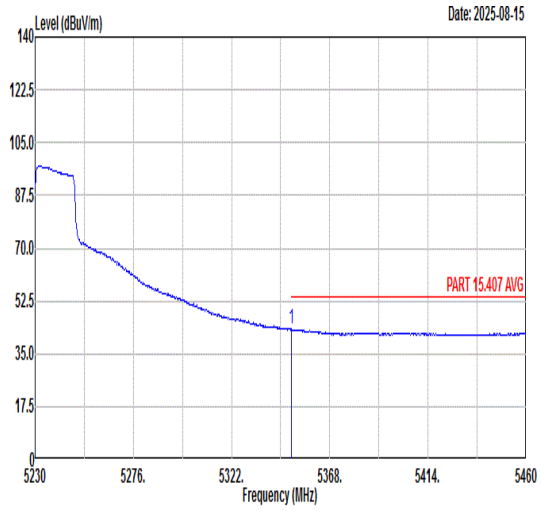
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5148.20 65.05 74.00 -8.95 54.70 35.29 8.53 33.47 272 183 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5190.00 101.06 ------ ------ 90.57 35.32 8.63 33.46 272 183 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.72 50.42 54.00 -3.58 40.06 35.29 8.54 33.47 272 183 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5190.00 94.30 ------ ------ 83.84 35.31 8.61 33.46 272 183 AVERAGE

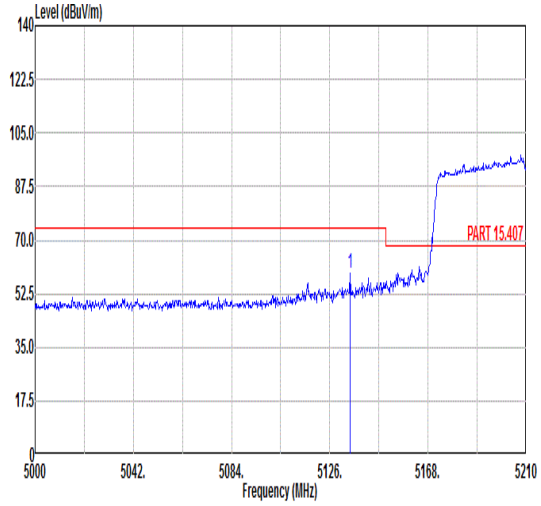
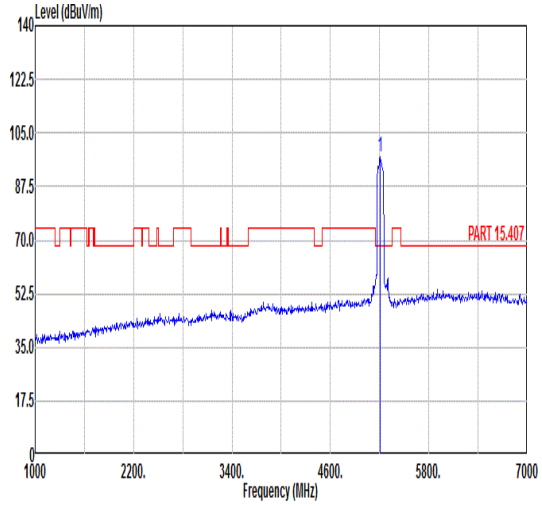
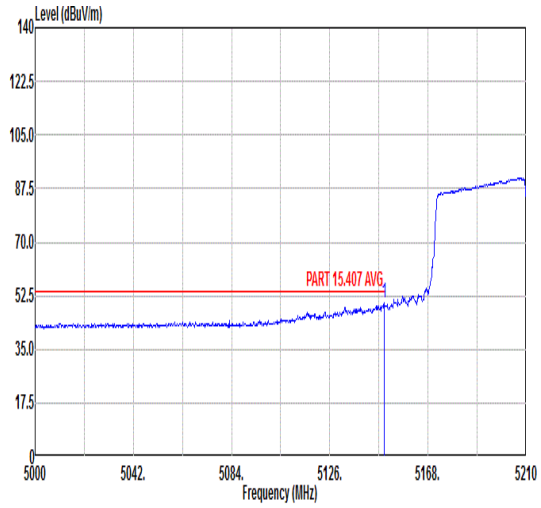
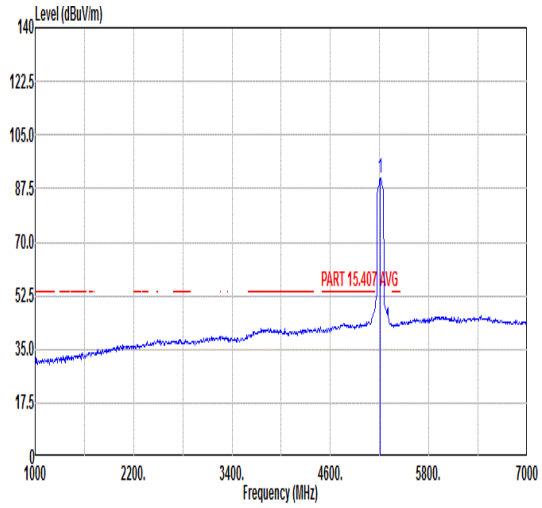
Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5379.81 51.33 74.00 -22.67 39.80 35.43 9.52 33.42 272 183 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5353.35 41.59 54.00 -12.41 30.23 35.41 9.38 33.43 272 183 AVERAGE	Blank

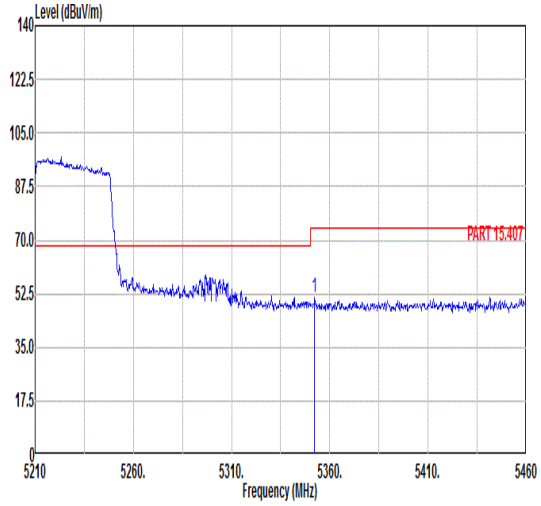
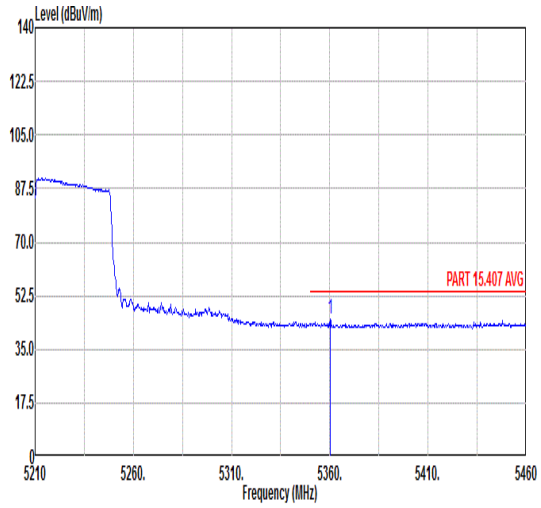
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5142.83 54.94 74.00 -19.06 44.60 35.29 8.52 33.47 387 241 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5230.00 102.43 ------ ------ 91.85 35.33 8.71 33.46 387 241 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.96 43.66 54.00 -10.34 33.30 35.29 8.54 33.47 387 241 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5230.00 95.68 ------ ------ 85.05 35.34 8.74 33.45 387 241 AVERAGE

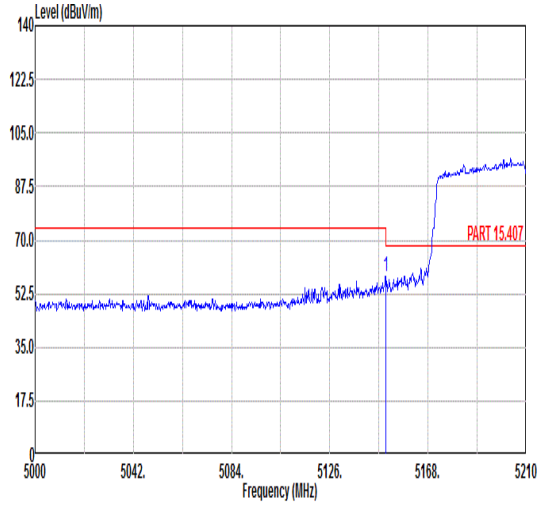
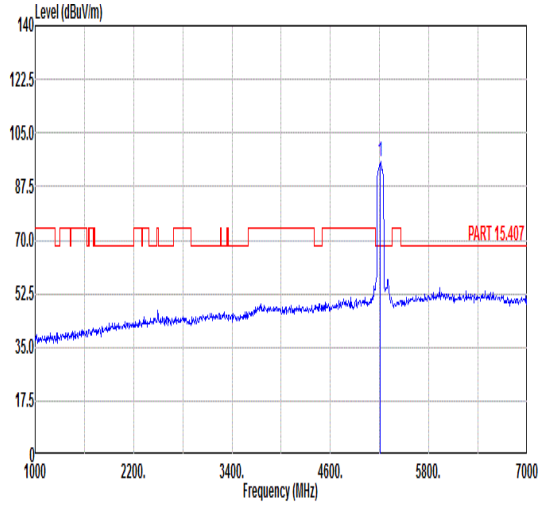
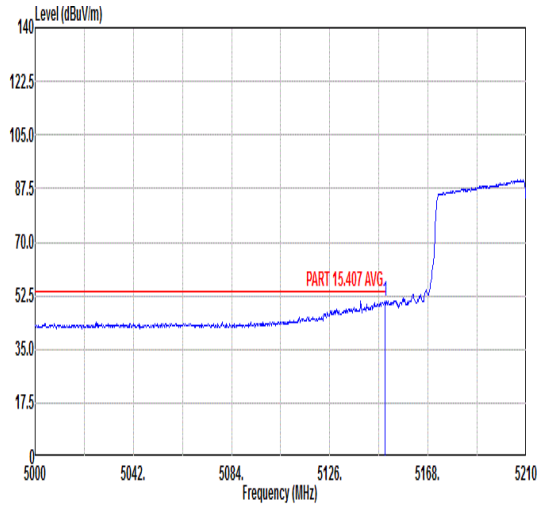
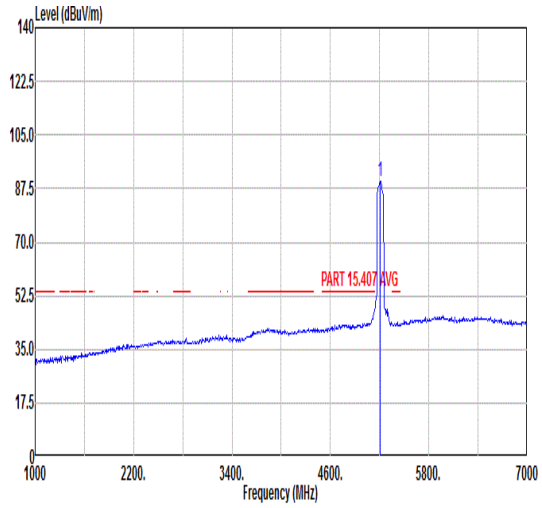
Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5358.80 51.25 74.00 -22.75 39.85 35.42 9.41 33.43 387 241 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 5383.18 41.56 54.00 -12.44 30.01 35.43 9.54 33.42 387 241 AVERAGE	Blank

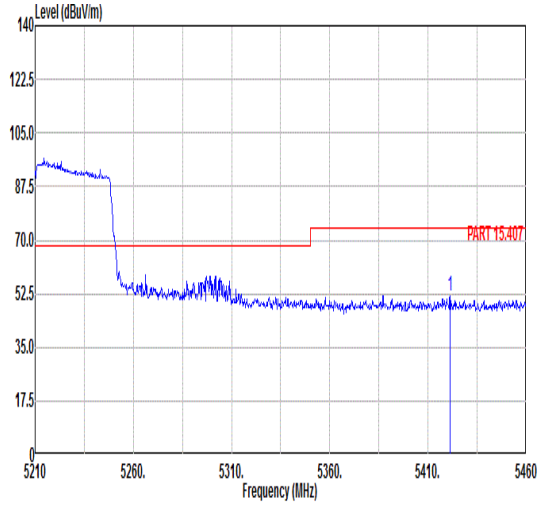
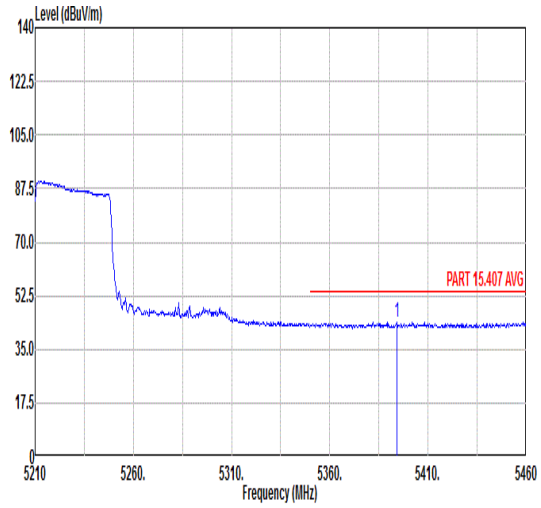
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.04 57.95 74.00 -16.05 47.60 35.29 8.53 33.47 272 186 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5230.00 103.97 ------ ------ 93.39 35.33 8.71 33.46 272 186 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5149.96 45.73 54.00 -8.27 35.37 35.29 8.54 33.47 272 186 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5230.00 97.18 ------ ------ 86.55 35.34 8.74 33.45 272 186 AVERAGE

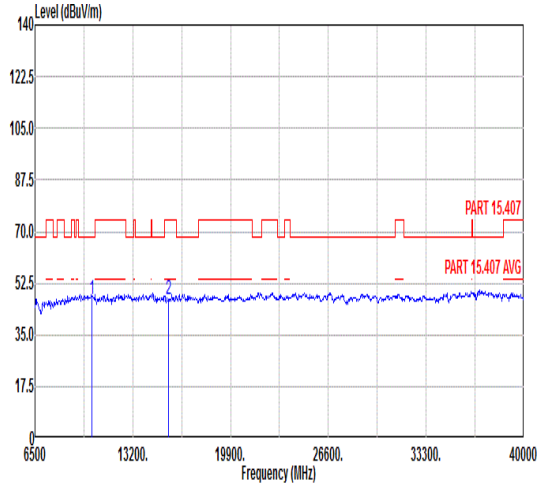
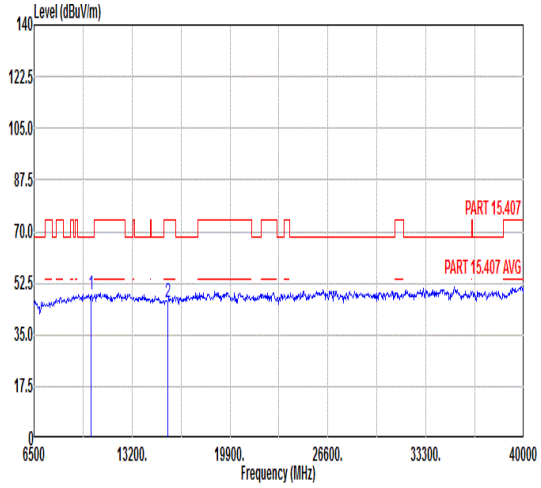
Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.06 55.08 74.00 -18.92 43.73 35.41 9.37 33.43 272 186 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 5350.06 43.12 54.00 -10.88 31.77 35.41 9.37 33.43 272 186 AVERAGE	Blank

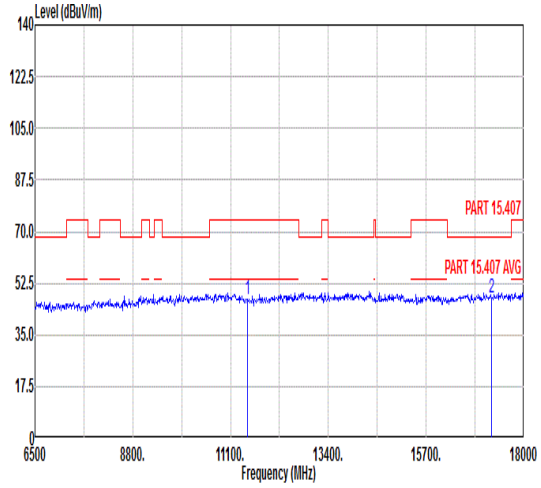
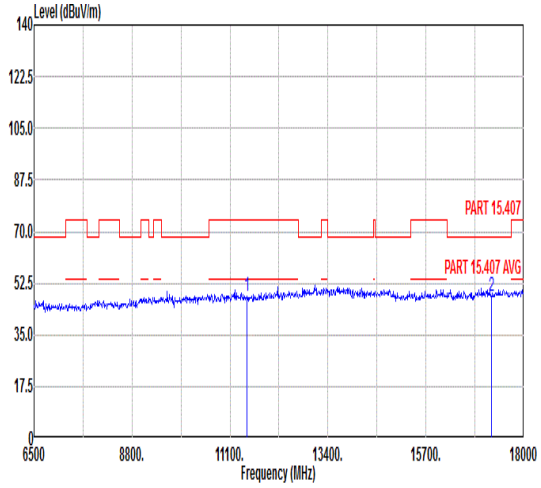
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5134.82 59.32 74.00 -14.68 49.00 35.28 8.51 33.47 234 294 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 5210.00 97.33 ------ ------ 86.83 35.32 8.64 33.46 234 294 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 5149.31 49.93 54.00 -4.07 39.58 35.29 8.53 33.47 234 294 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 5210.00 90.78 ------ ------ 80.28 35.32 8.64 33.46 234 294 AVERAGE

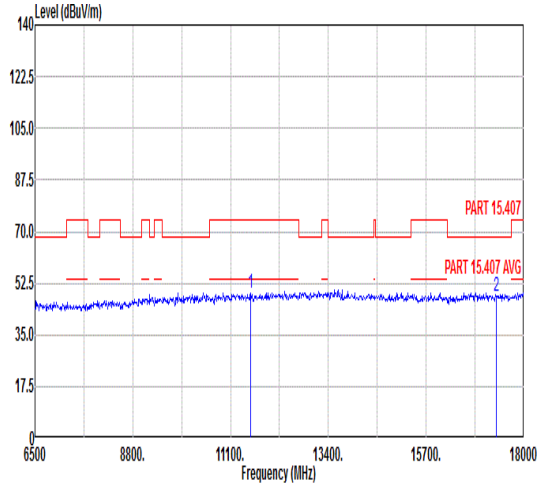
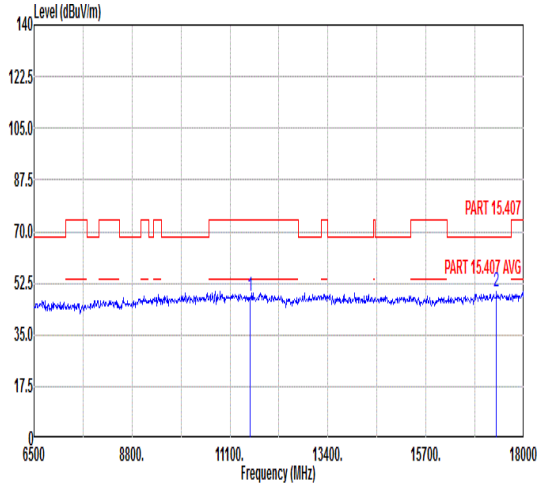
Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5352.25 51.25 74.00 -22.75 39.89 35.41 9.38 33.43 234 294 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 5360.25 45.07 54.00 -8.93 33.66 35.42 9.42 33.43 234 294 AVERAGE	Blank

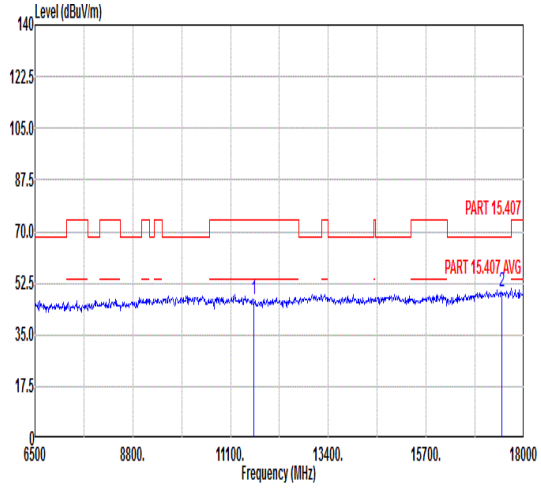
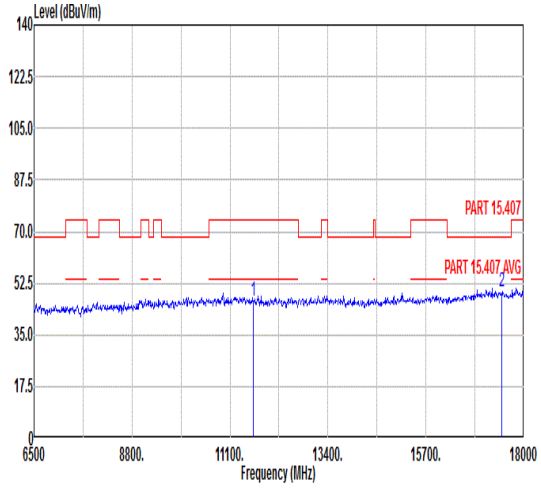
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5149.94 58.24 74.00 -15.76 47.88 35.29 8.54 33.47 272 184 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 5210.00 95.84 ------ ------ 85.32 35.33 8.65 33.46 272 184 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 5149.73 50.70 54.00 -3.30 40.34 35.29 8.54 33.47 272 184 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 5210.00 89.99 ------ ------ 79.49 35.32 8.64 33.46 272 184 AVERAGE

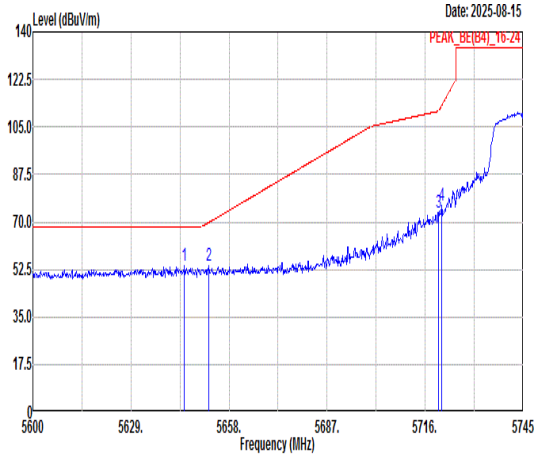
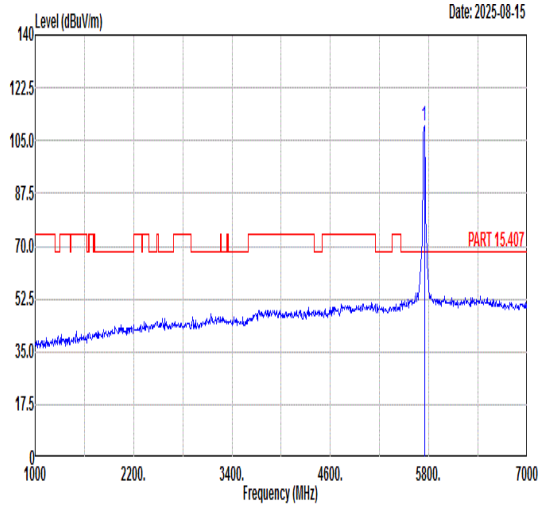
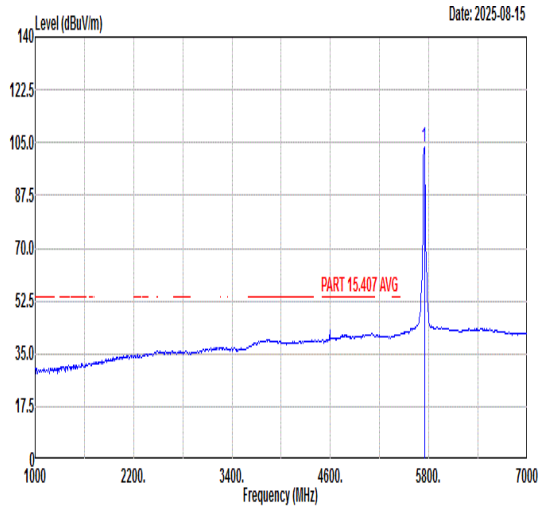
Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5421.25 51.77 74.00 -22.23 40.07 35.45 9.67 33.42 272 184 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 5394.25 44.00 54.00 -10.00 32.39 35.44 9.59 33.42 272 184 AVERAGE	Blank

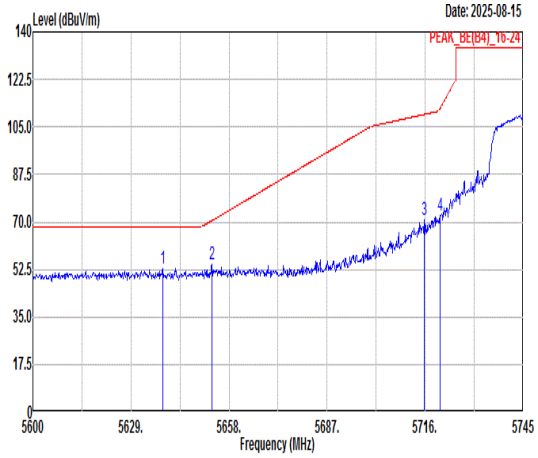
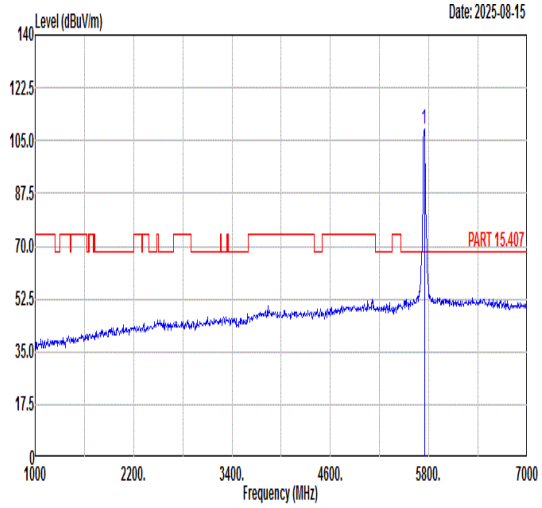
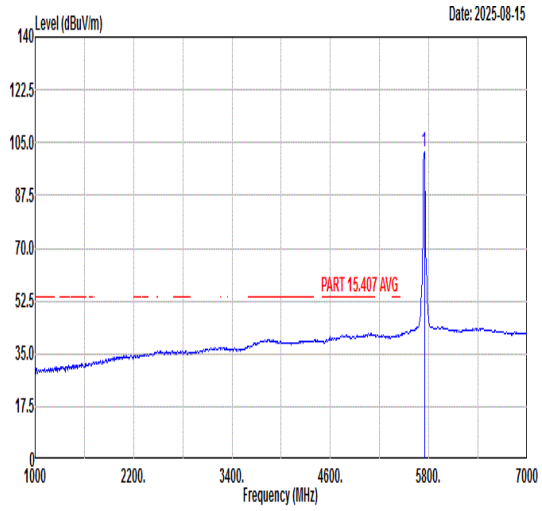
Mode	9	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10420.00 47.13 68.30 -21.17 60.68 38.07 12.11 63.73 --- --- Peak 2 15630.00 46.86 74.00 -27.14 55.67 41.01 14.62 64.44 --- --- 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 10420.00 48.52 68.30 -19.78 62.07 38.07 12.11 63.73 --- --- Peak 2 15630.00 46.01 74.00 -27.99 54.82 41.01 14.62 64.44 --- --- Peak

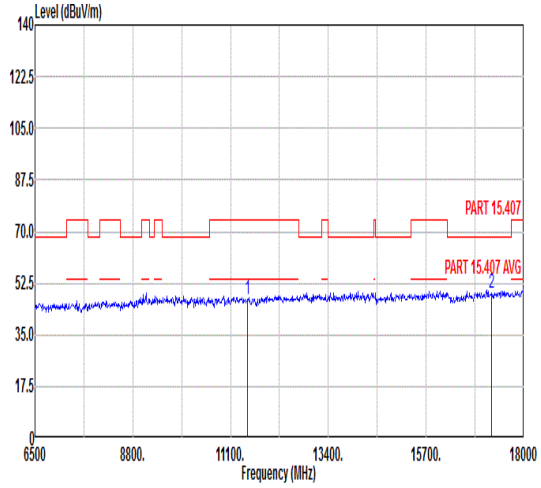
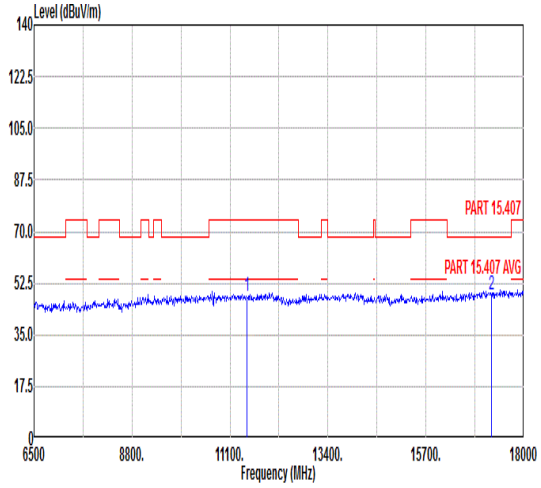
Mode	10	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11490.00 46.86 74.00 -27.14 59.38 38.45 12.87 63.84 --- --- Peak 2 17235.00 47.69 68.30 -20.61 54.20 42.83 15.72 65.06 --- --- 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 11490.00 47.84 74.00 -26.16 60.36 38.45 12.87 63.84 --- --- Peak 2 17235.00 48.22 68.30 -20.08 54.73 42.83 15.72 65.06 --- --- Peak

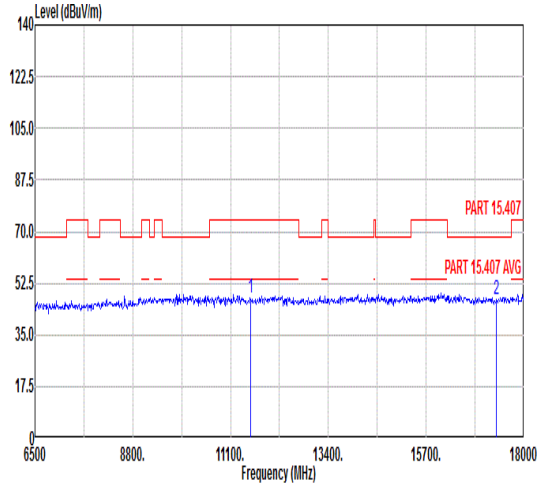
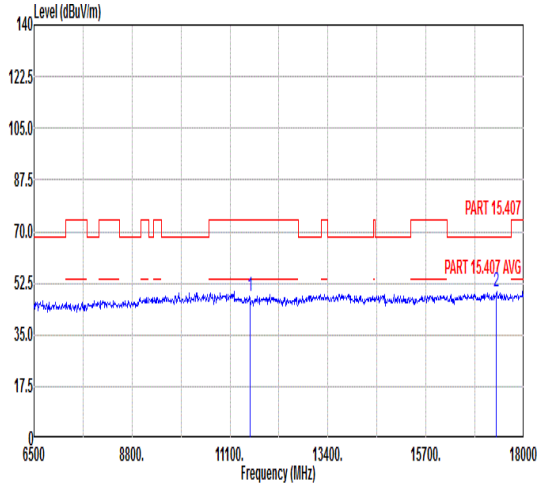
Mode	11	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11570.00 49.13 74.00 -24.87 61.63 38.47 12.93 63.90 --- --- Peak 2 17355.00 48.10 68.30 -20.20 54.51 42.97 15.81 65.19 --- --- 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 11570.00 48.07 74.00 -25.93 60.57 38.47 12.93 63.90 --- --- Peak 2 17355.00 49.66 68.30 -18.64 56.07 42.97 15.81 65.19 --- --- Peak

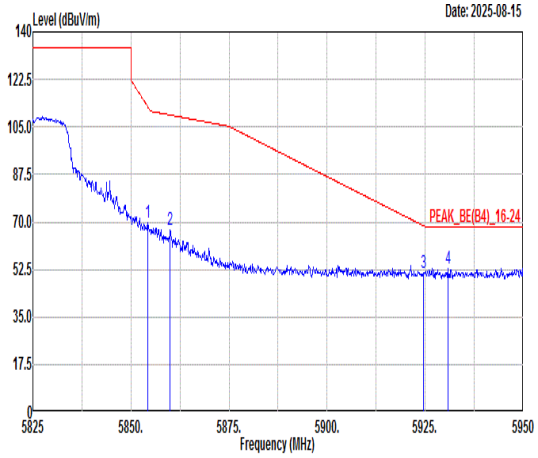
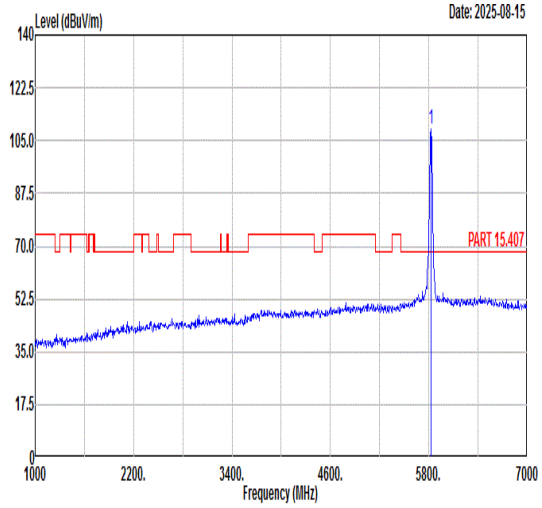
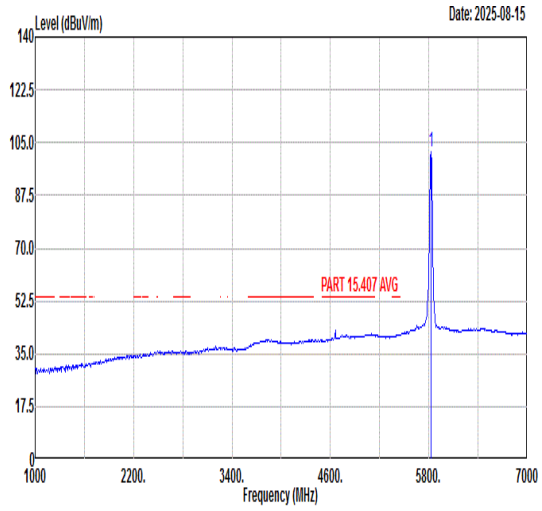
Mode	12	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11650.00 47.21 74.00 -26.79 59.68 38.49 12.99 63.95 --- --- Peak 2 17475.00 49.89 68.30 -18.41 56.21 43.10 15.90 65.32 --- --- 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 11650.00 46.73 74.00 -27.27 59.20 38.49 12.99 63.95 --- --- Peak 2 17475.00 49.79 68.30 -18.51 56.11 43.10 15.90 65.32 --- --- Peak

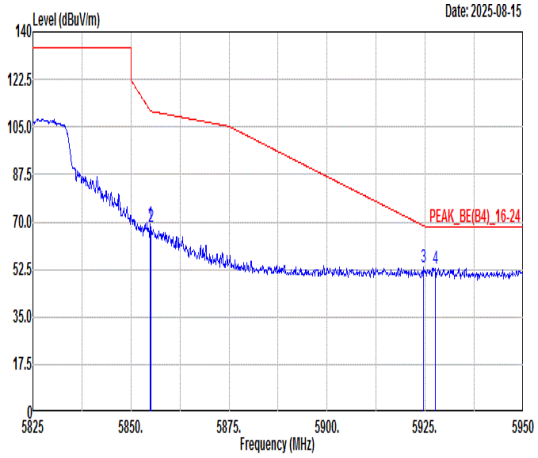
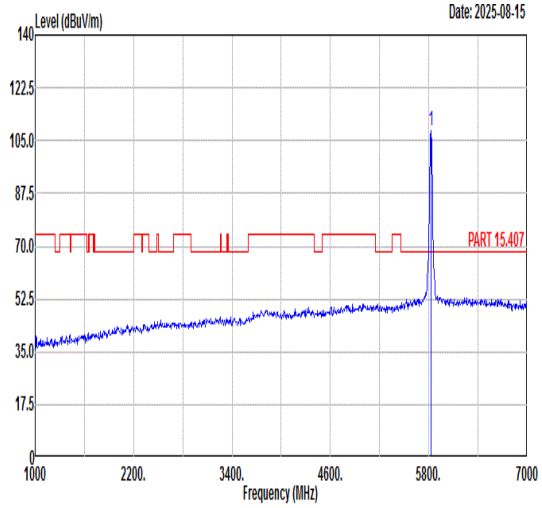
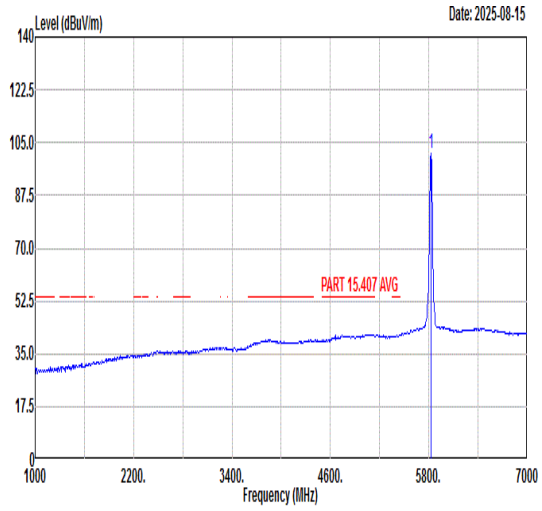
Mode	13	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5644.81 53.73 68.30 -14.57 41.61 35.70 9.85 33.43 303 244 PEAK 2 5651.91 53.83 69.72 -15.89 41.69 35.71 9.86 33.43 303 244 PEAK 3 5719.92 73.65 110.78 -37.13 61.27 35.81 10.01 33.44 303 244 PEAK 4 5720.79 76.15 112.59 -36.44 63.77 35.81 10.01 33.44 303 244 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 5745.00 109.89 ------ ------ 97.44 35.84 10.06 33.45 303 244 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 5745.00 103.49 ------ ------ 91.04 35.84 10.06 33.45 303 244 AVERAGE

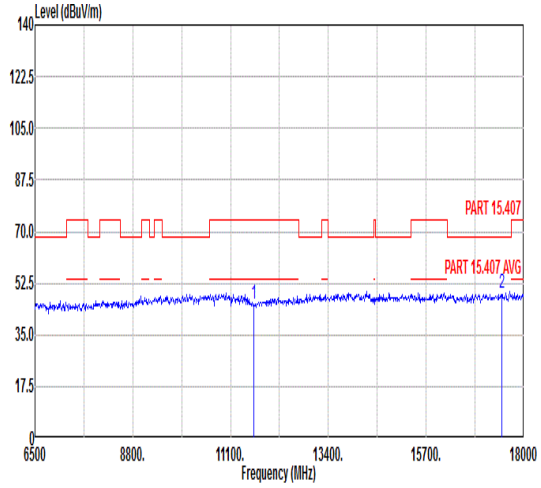
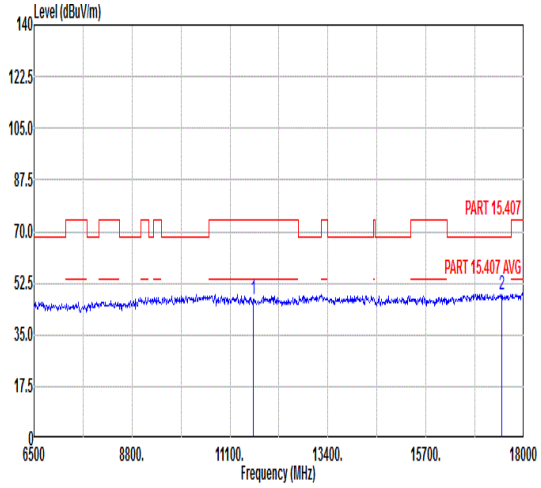
Mode	13	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5638.43 52.89 68.30 -15.41 40.79 35.69 9.84 33.43 103 233 PEAK 2 5652.93 54.43 70.47 -16.04 42.28 35.71 9.87 33.43 103 233 PEAK 3 5715.71 70.93 109.60 -38.67 58.57 35.80 10.00 33.44 103 233 PEAK 4 5720.50 72.59 111.93 -39.34 60.21 35.81 10.01 33.44 103 233 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 5745.00 108.83 ------ ------ 96.38 35.84 10.06 33.45 103 233 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 5745.00 102.21 ------ ------ 89.76 35.84 10.06 33.45 103 233 AVERAGE

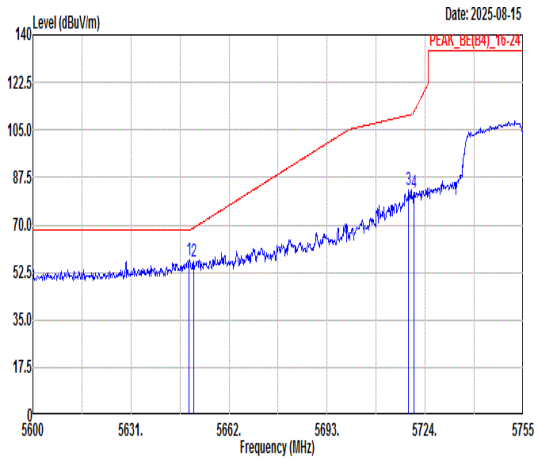
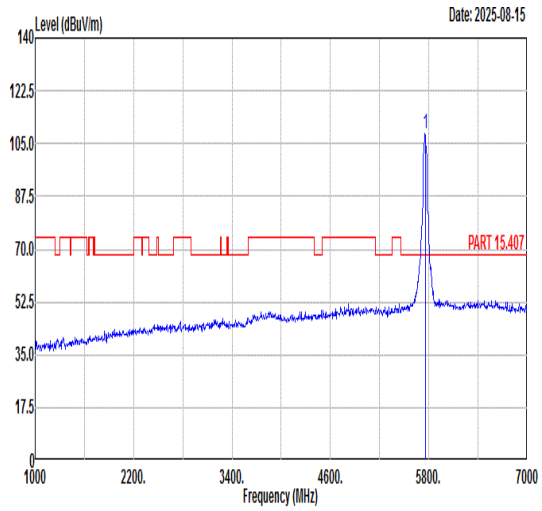
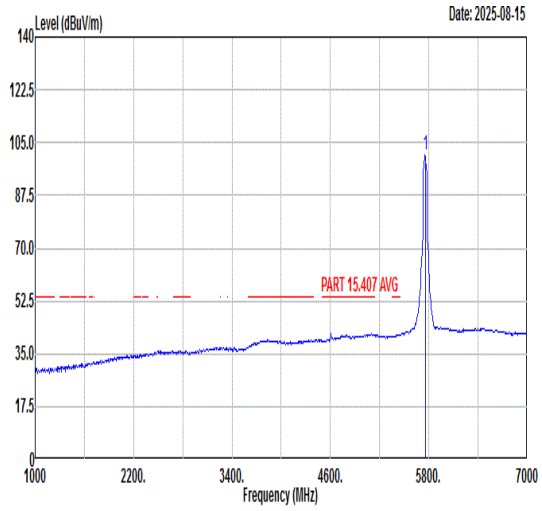
Mode	13	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11490.00 46.97 74.00 -27.03 59.49 38.45 12.87 63.84 --- --- Peak 2 17235.00 48.95 68.30 -19.35 55.46 42.83 15.72 65.06 --- --- 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 11490.00 47.97 74.00 -26.03 60.49 38.45 12.87 63.84 --- --- Peak 2 17235.00 48.61 68.30 -19.69 55.12 42.83 15.72 65.06 --- --- Peak

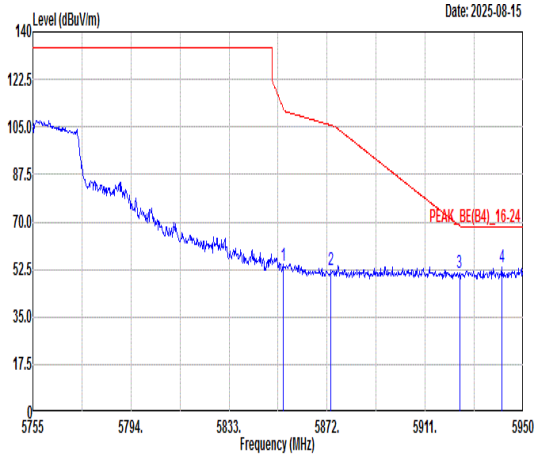
Mode	14	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11570.00 47.41 74.00 -26.59 59.91 38.47 12.93 63.90 --- --- Peak 2 17355.00 47.01 68.30 -21.29 53.42 42.97 15.81 65.19 --- --- 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 11570.00 47.97 74.00 -26.03 60.47 38.47 12.93 63.90 --- --- Peak 2 17355.00 49.54 68.30 -18.76 55.95 42.97 15.81 65.19 --- --- Peak

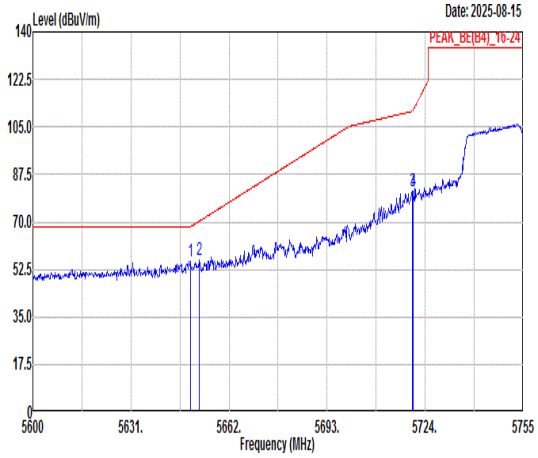
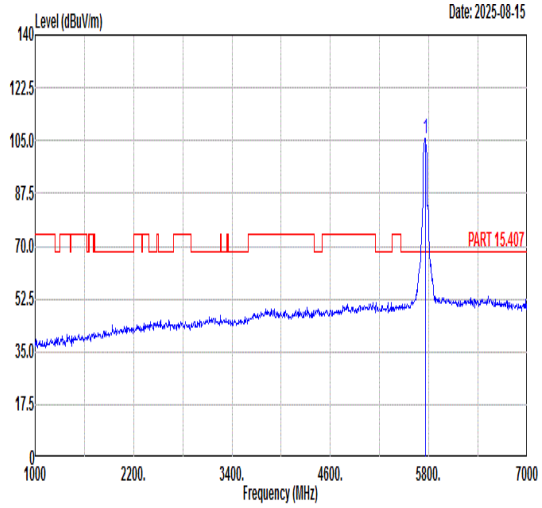
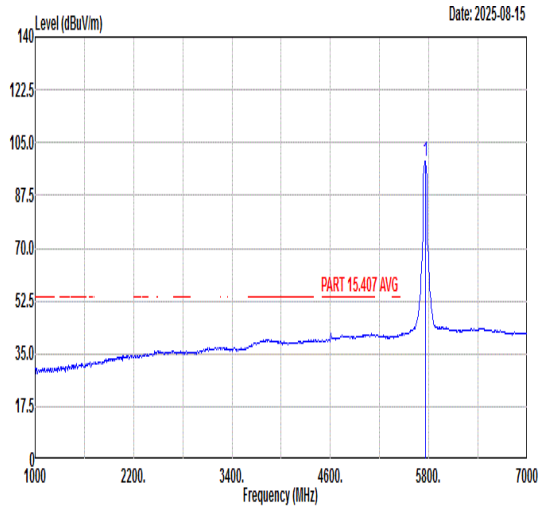
Mode	15	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5854.38 69.98 112.22 -42.24 57.16 36.00 10.29 33.47 304 243 PEAK 2 5860.00 66.90 109.40 -42.50 54.07 36.00 10.30 33.47 304 243 PEAK 3 5924.63 51.38 68.58 -17.20 38.33 36.09 10.44 33.48 304 243 PEAK 4 5930.75 52.90 68.30 -15.40 39.84 36.10 10.45 33.49 304 243 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 5825.00 108.81 ------ ------ 96.09 35.95 10.23 33.46 304 243 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 5825.00 102.14 ------ ------ 89.42 35.95 10.23 33.46 304 243 AVERAGE

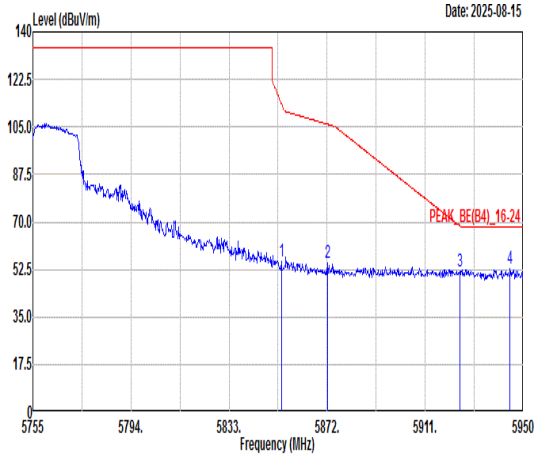
Mode	15	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5854.88 69.12 111.08 -41.96 56.30 36.00 10.29 33.47 100 234 PEAK 2 5855.00 68.12 110.80 -42.68 55.30 36.00 10.29 33.47 100 234 PEAK 3 5924.50 53.48 68.67 -15.19 40.43 36.09 10.44 33.48 100 234 PEAK 4 5927.63 53.06 68.30 -15.24 40.01 36.10 10.44 33.49 100 234 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 5825.00 108.09 ------ ------ 95.37 35.95 10.23 33.46 100 234 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 5825.00 101.69 ------ ------ 88.97 35.95 10.23 33.46 100 234 AVERAGE

Mode	15	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	SISO	
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 11650.00 45.44 74.00 -28.56 57.91 38.49 12.99 63.95 --- --- Peak 2 17475.00 49.22 68.30 -19.08 55.54 43.10 15.90 65.32 --- --- 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 11650.00 47.15 74.00 -26.85 59.62 38.49 12.99 63.95 --- --- Peak 2 17475.00 48.60 68.30 -19.70 54.92 43.10 15.90 65.32 --- --- Peak

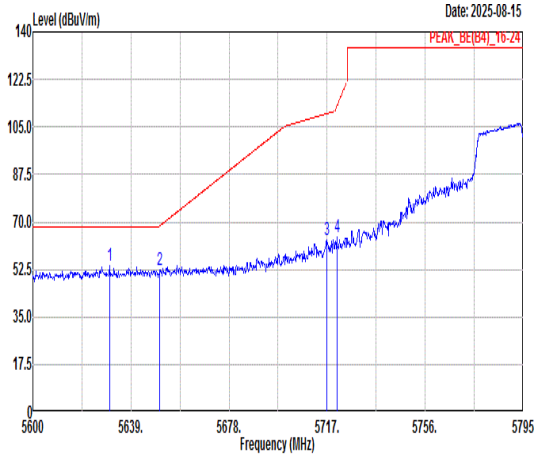
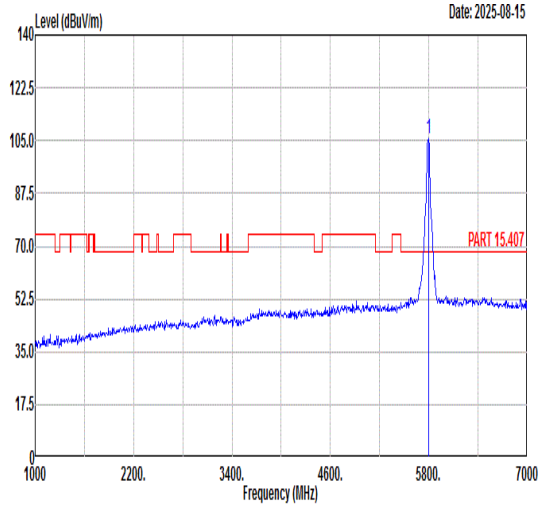
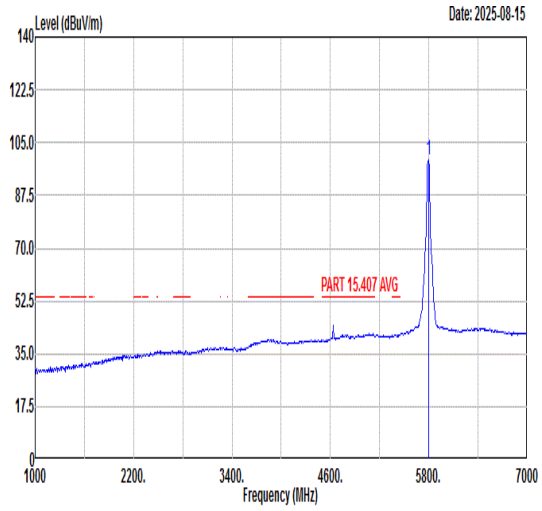
Mode	16	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5649.45 57.30 68.30 -11.00 45.16 35.71 9.86 33.43 220 285 PEAK 2 5650.84 56.31 68.92 -12.61 44.17 35.71 9.86 33.43 220 285 PEAK 3 5718.73 83.15 110.44 -27.29 70.77 35.81 10.01 33.44 220 285 PEAK 4 5720.44 82.14 111.79 -29.65 69.76 35.81 10.01 33.44 220 285 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5755.00 108.29 ------ ------ 95.81 35.85 10.08 33.45 220 285 PEAK
Avg	Blank	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 5755.00 100.72 ------ ------ 88.24 35.85 10.08 33.45 220 285 AVERAGE

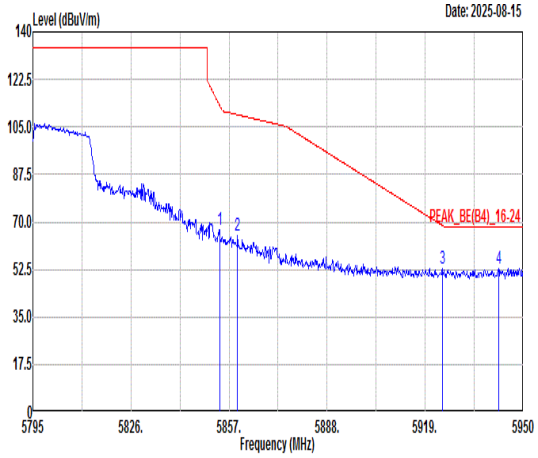
Mode	16	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5854.65 54.08 111.61 -57.53 41.26 36.00 10.29 33.47 220 285 PEAK 2 5873.56 52.42 105.60 -53.18 39.54 36.02 10.33 33.47 220 285 PEAK 3 5924.65 51.02 68.56 -17.54 37.97 36.09 10.44 33.48 220 285 PEAK 4 5941.42 53.31 68.30 -14.99 40.21 36.12 10.47 33.49 220 285 PEAK	Blank

Mode	16	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	SISO	
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 5649.76 55.34 68.30 -12.96 43.20 35.71 9.86 33.43 100 233 PEAK 2 5652.70 56.26 70.30 -14.04 44.11 35.71 9.87 33.43 100 233 PEAK 3 5719.97 81.58 110.79 -29.21 69.20 35.81 10.01 33.44 100 233 PEAK 4 5720.13 81.42 111.09 -29.67 69.04 35.81 10.01 33.44 100 233 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 5755.00 105.53 ------ ------ 93.03 35.86 10.09 33.45 100 233 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 5755.00 98.94 ------ ------ 86.46 35.85 10.08 33.45 100 233 AVERAGE

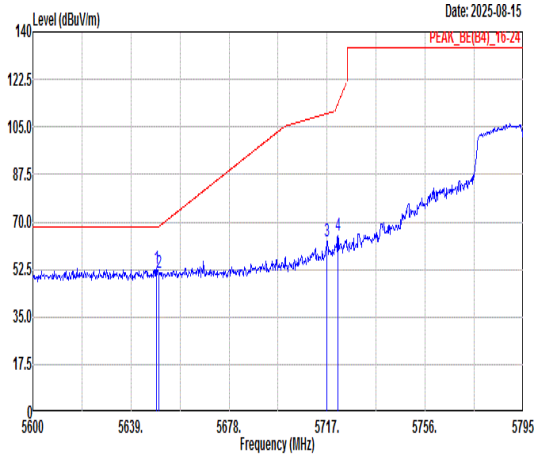
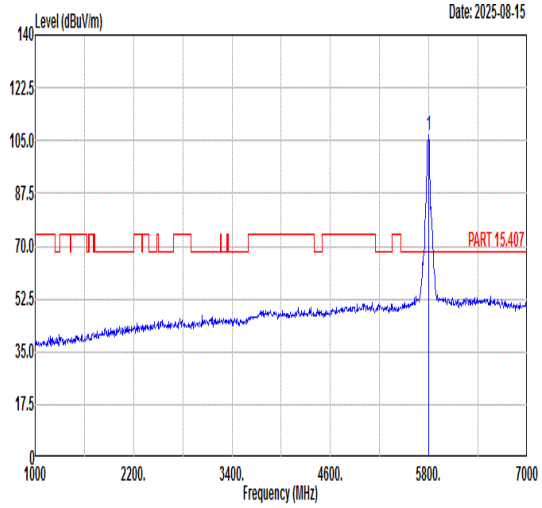
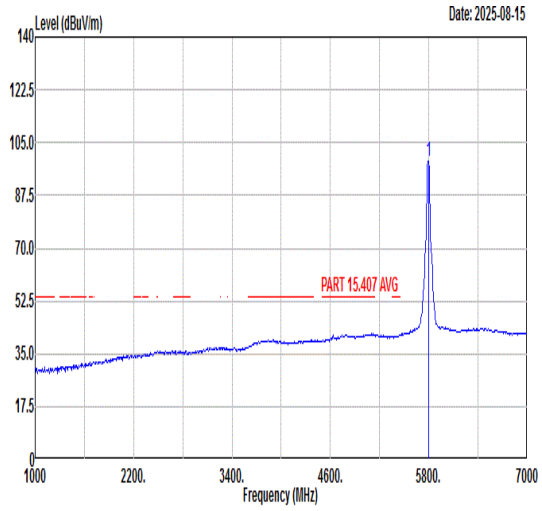
Mode	16	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5853.87 55.55 113.39 -57.84 42.73 36.00 10.29 33.47 100 233 PEAK 2 5872.20 55.00 105.98 -50.98 42.12 36.02 10.33 33.47 100 233 PEAK 3 5924.85 51.68 68.41 -16.73 38.63 36.09 10.44 33.48 100 233 PEAK 4 5944.74 52.72 68.30 -15.58 39.61 36.12 10.48 33.49 100 233 PEAK	Blank

Mode	17
	Band Edge - L
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz
ANT	SISO

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 5630.42 53.64 68.30 -14.66 41.57 35.68 9.82 33.43 299 244 PEAK 2 5650.51 52.24 68.67 -16.43 40.10 35.71 9.86 33.43 299 244 PEAK 3 5716.81 63.33 109.91 -46.58 50.97 35.80 10.00 33.44 299 244 PEAK 4 5720.90 64.28 112.85 -48.57 51.90 35.81 10.01 33.44 299 244 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 5795.00 105.88 ------ ------ 93.27 35.91 10.16 33.46 299 244 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 5795.00 99.37 ------ ------ 86.76 35.91 10.16 33.46 299 244 AVERAGE

Mode	17	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	SISO	
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 5854.06 66.96 112.95 -45.99 54.14 36.00 10.29 33.47 299 244 PEAK 2 5859.64 64.80 109.50 -44.70 51.97 36.00 10.30 33.47 299 244 PEAK 3 5924.43 52.75 68.72 -15.97 39.70 36.09 10.44 33.48 299 244 PEAK 4 5942.25 52.74 68.30 -15.56 39.63 36.12 10.48 33.49 299 244 PEAK	Blank

Mode	17
	Band Edge - L
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz
ANT	SISO

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 5649.14 52.74 68.30 -15.56 40.60 35.71 9.86 33.43 248 242 PEAK 2 5650.12 51.47 68.39 -16.92 39.33 35.71 9.86 33.43 248 242 PEAK 3 5717.00 62.65 109.96 -47.31 50.29 35.80 10.00 33.44 248 242 PEAK 4 5721.29 64.86 113.74 -48.88 52.48 35.81 10.01 33.44 248 242 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 5795.00 106.61 ------ ------ 93.97 35.92 10.18 33.46 248 242 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 5795.00 98.73 ------ ------ 86.12 35.91 10.16 33.46 248 242 AVERAGE

Mode	17	
	Band Edge - R	
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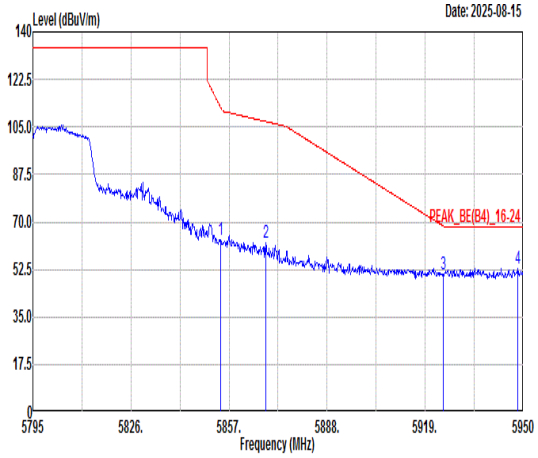
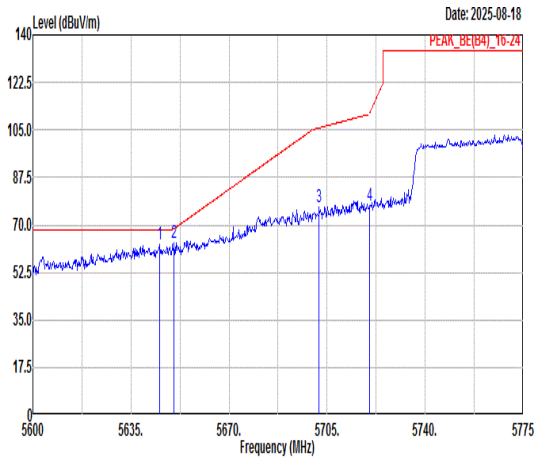
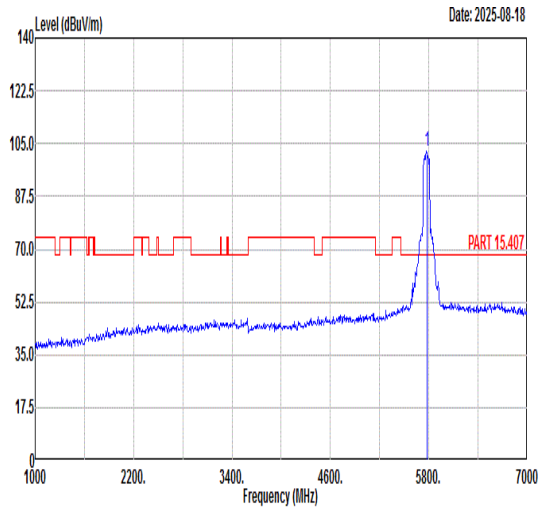
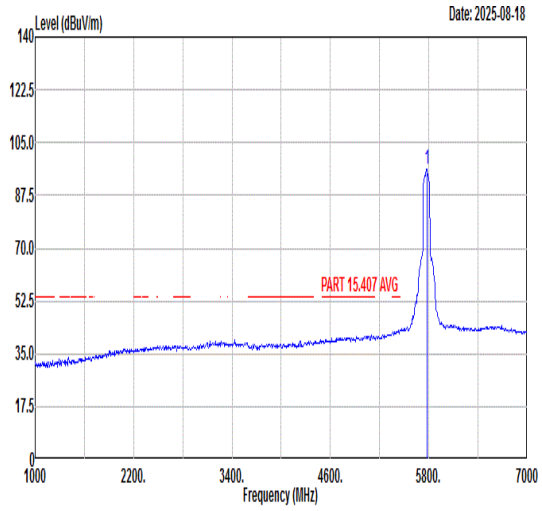
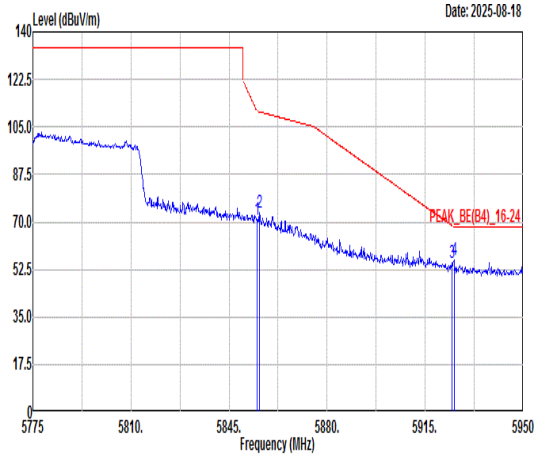
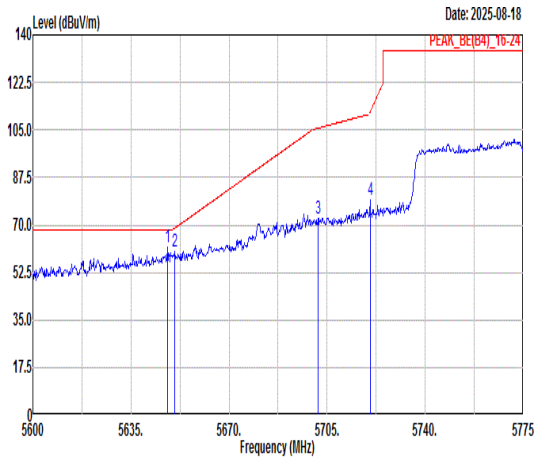
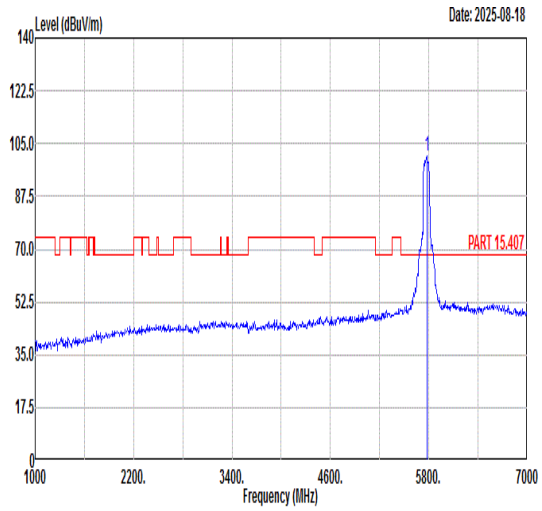
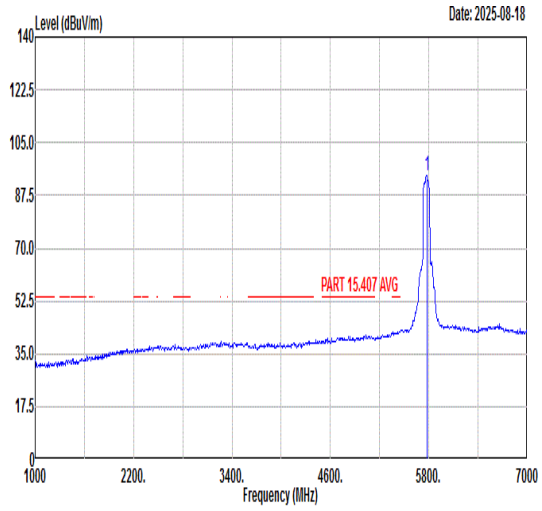
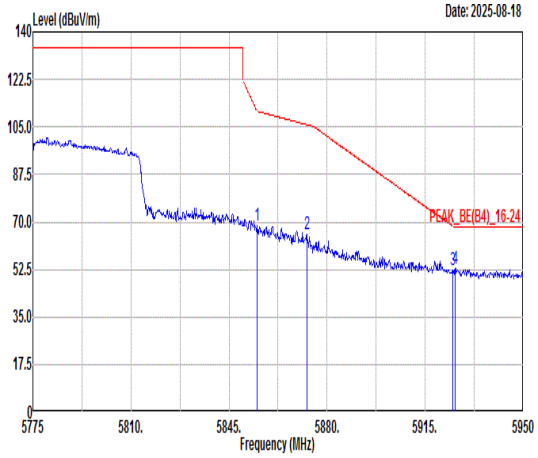
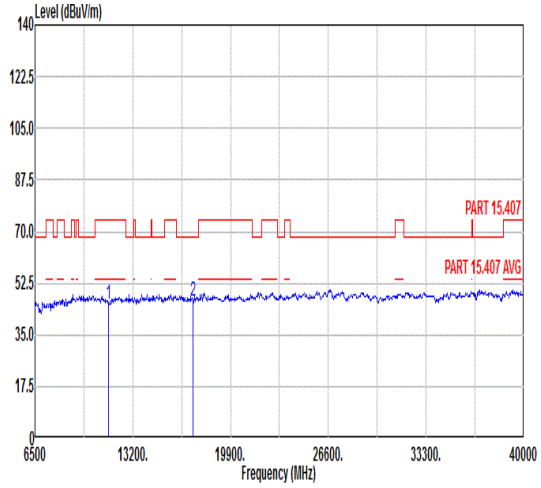
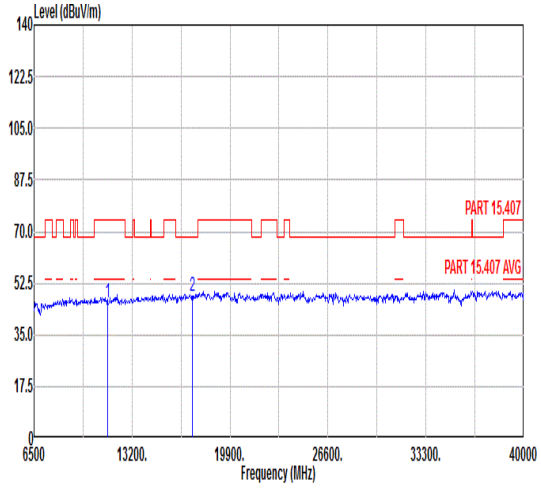
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5854.37 63.51 112.25 -48.74 50.69 36.00 10.29 33.47 248 242 PEAK 2 5868.63 62.33 106.98 -44.65 49.46 36.02 10.32 33.47 248 242 PEAK 3 5924.74 50.81 68.49 -17.68 37.76 36.09 10.44 33.48 248 242 PEAK 4 5948.30 52.64 68.30 -15.66 39.51 36.13 10.49 33.49 248 242 PEAK	Blank

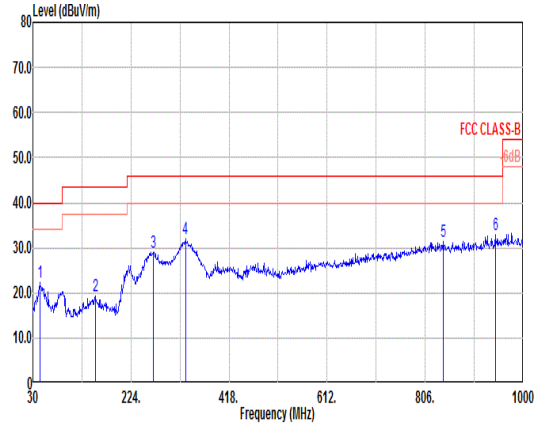
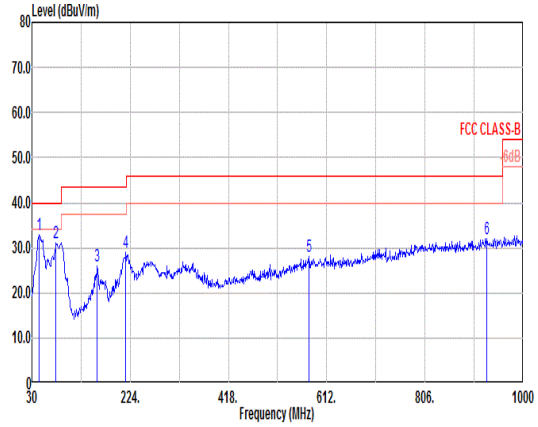
Mode	18	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5645.33 62.74 68.30 -5.56 50.62 35.70 9.85 33.43 242 244 PEAK 2 5650.40 63.42 68.60 -5.18 51.28 35.71 9.86 33.43 242 244 PEAK 3 5702.20 76.37 105.82 -29.45 64.06 35.78 9.97 33.44 242 244 PEAK 4 5720.23 77.00 111.31 -34.31 64.62 35.81 10.01 33.44 242 244 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 5775.00 102.72 ------ ------ 90.18 35.88 10.11 33.45 242 244 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 5775.00 96.23 ------ ------ 83.67 35.89 10.13 33.46 242 244 AVERAGE

Mode	18	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	SISO	
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 5854.98 70.71 110.86 -40.15 57.89 36.00 10.29 33.47 242 244 PEAK 2 5855.85 73.56 110.56 -37.00 60.74 36.00 10.29 33.47 242 244 PEAK 3 5924.45 54.87 68.70 -13.83 41.82 36.09 10.44 33.48 242 244 PEAK 4 5925.33 55.74 68.30 -12.56 42.69 36.10 10.44 33.49 242 244 PEAK	Blank

Mode	18	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	SISO	
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 5648.13 61.98 68.30 -6.32 49.84 35.71 9.86 33.43 268 234 PEAK 2 5650.58 60.25 68.73 -8.48 48.11 35.71 9.86 33.43 268 234 PEAK 3 5701.85 72.49 105.72 -33.23 60.18 35.78 9.97 33.44 268 234 PEAK 4 5720.40 79.06 111.71 -32.65 66.68 35.81 10.01 33.44 268 234 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 5775.00 100.66 ------ ------ 88.10 35.89 10.13 33.46 268 234 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 5775.00 94.27 ------ ------ 81.71 35.89 10.13 33.46 268 234 AVERAGE

Mode	18	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	SISO	
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 5854.98 68.45 110.86 -42.41 55.63 36.00 10.29 33.47 268 234 PEAK 2 5872.83 65.57 105.81 -40.24 52.69 36.02 10.33 33.47 268 234 PEAK 3 5924.80 52.48 68.45 -15.97 39.43 36.09 10.44 33.48 268 234 PEAK 4 5925.68 52.87 68.30 -15.43 39.82 36.10 10.44 33.49 268 234 PEAK	Blank

Mode	18	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	SISO	
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 11550.00 45.50 74.00 -28.50 57.99 38.47 12.92 63.88 --- --- Peak 2 17325.00 46.30 68.30 -22.00 52.73 42.94 15.79 65.16 --- --- 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 11550.00 46.06 74.00 -27.94 58.55 38.47 12.92 63.88 --- --- Peak 2 17325.00 47.85 68.30 -20.45 54.28 42.94 15.79 65.16 --- --- Peak

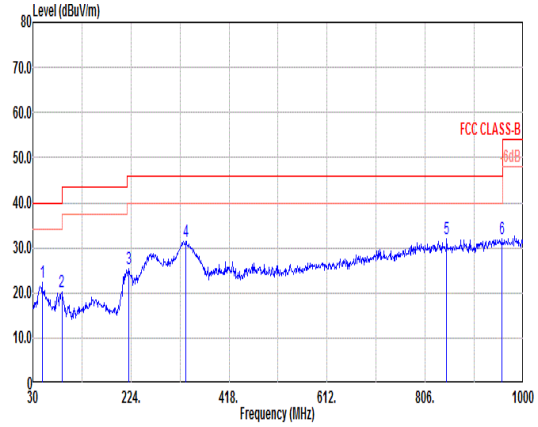
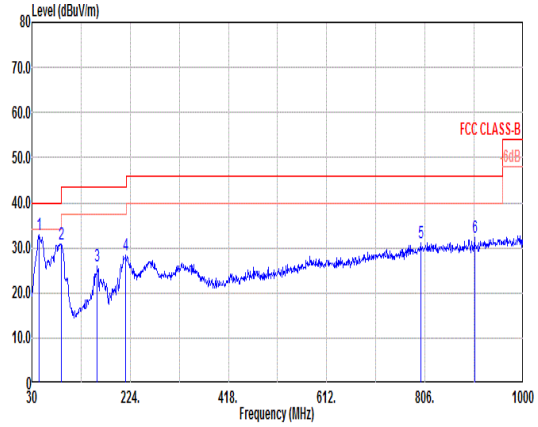
Mode	19	
	LF	
	U-NII-1_5.15-5.25_802.11ac VHT80 LF_CH42_5210MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
QP/ Peak		

Horizontal:

	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	43.58	22.42	40.00	-17.58	33.41	20.14	0.64	31.77	---	---	Peak
2	153.19	19.21	43.50	-24.29	30.25	19.29	1.26	31.59	---	---	Peak
3	267.65	29.01	46.00	-16.99	40.06	18.79	1.70	31.54	---	---	Peak
4	331.67	31.86	46.00	-14.14	40.88	20.61	1.91	31.54	---	---	Peak
5	841.89	31.25	46.00	-14.75	30.72	28.56	3.03	31.06	---	---	Peak
6	944.71	32.83	46.00	-13.17	30.73	29.75	3.22	30.87	---	---	Peak

Vertical:

	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	33.05	40.00	-6.95	43.95	20.24	0.65	31.79	---	---	Peak
2	77.53	31.03	40.00	-8.97	45.81	15.99	0.88	31.65	---	---	Peak
3	159.01	25.94	43.50	-17.56	36.92	19.31	1.29	31.58	---	---	Peak
4	215.27	28.97	43.50	-14.53	42.10	16.87	1.50	31.50	---	---	Peak
5	577.08	28.13	46.00	-17.87	31.48	25.33	2.51	31.19	---	---	Peak
6	928.22	31.98	46.00	-14.02	30.11	29.59	3.20	30.92	---	---	Peak

Mode	20	
	LF	
	U-NII-3_5.725-5.85_802.11ac VHT80 LF_CH155_5775MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
QP/ Peak		

Horizontal:

	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	48.43	22.19	40.00	-17.81	32.95	20.28	0.69	31.73	---	---	Peak
2	87.23	20.29	40.00	-19.71	36.77	14.29	0.93	31.70	---	---	Peak
3	219.15	25.31	46.00	-20.69	38.25	17.05	1.51	31.50	---	---	Peak
4	332.64	31.40	46.00	-14.60	40.38	20.63	1.92	31.53	---	---	Peak
5	848.68	32.06	46.00	-13.94	31.46	28.60	3.05	31.05	---	---	Peak
6	958.29	31.85	46.00	-14.15	29.61	29.83	3.24	30.83	---	---	Peak

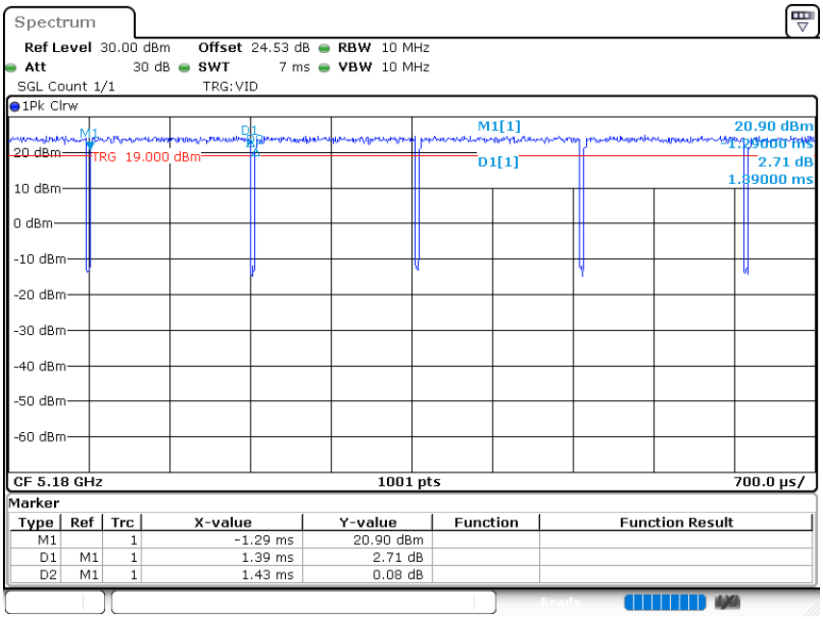
Vertical:

	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	32.91	40.00	-7.09	43.81	20.24	0.65	31.79	---	---	Peak
2	88.20	30.92	43.50	-12.58	47.51	14.17	0.94	31.70	---	---	Peak
3	159.01	25.81	43.50	-17.69	36.79	19.31	1.29	31.58	---	---	Peak
4	215.27	28.33	43.50	-15.17	41.46	16.87	1.50	31.50	---	---	Peak
5	797.27	31.24	46.00	-14.76	31.20	28.20	2.93	31.09	---	---	Peak
6	903.97	32.31	46.00	-13.69	30.93	29.20	3.17	30.99	---	---	Peak

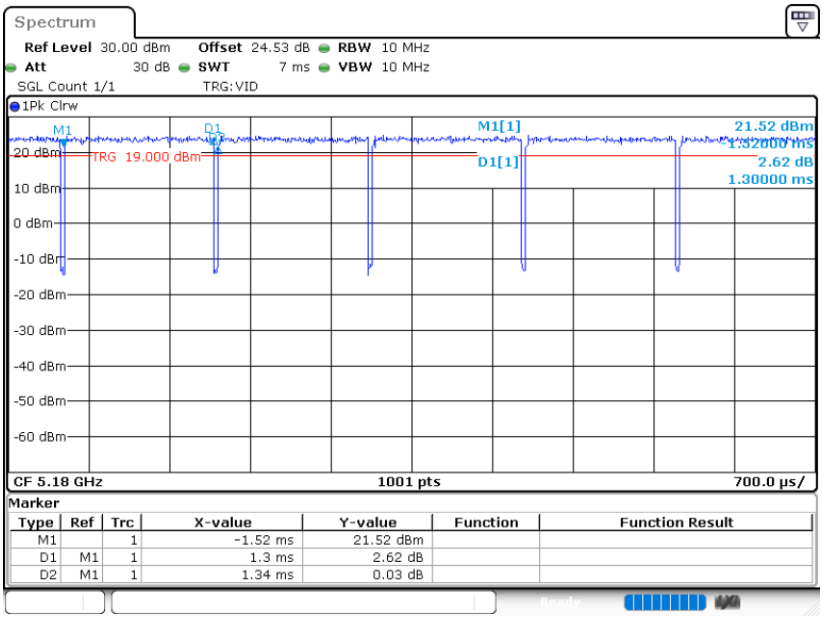
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	97.20	1.390	0.719	1KHz
802.11n HT20	97.01	1.300	0.769	1KHz
802.11n HT40	96.27	1.290	0.775	1KHz
802.11ac VHT80	88.89	0.320	3.125	10KHZ

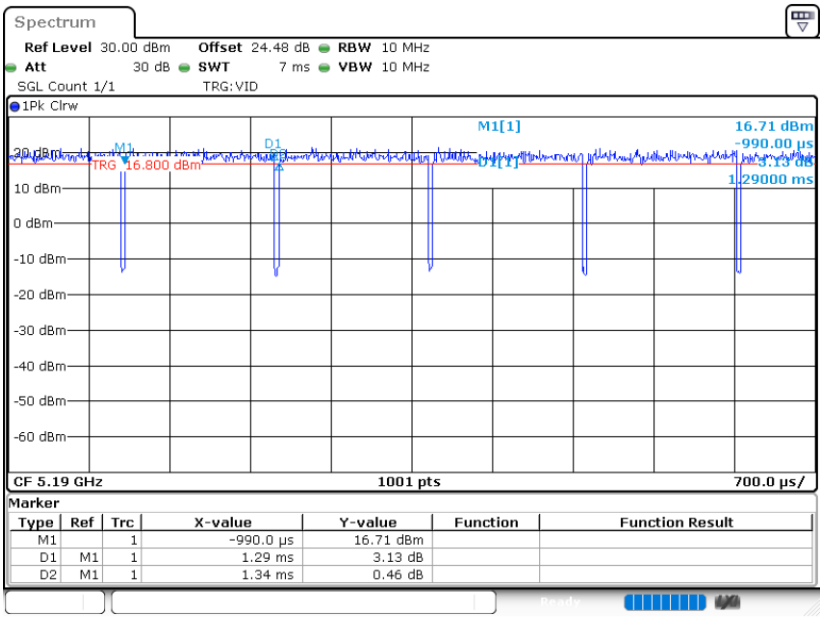
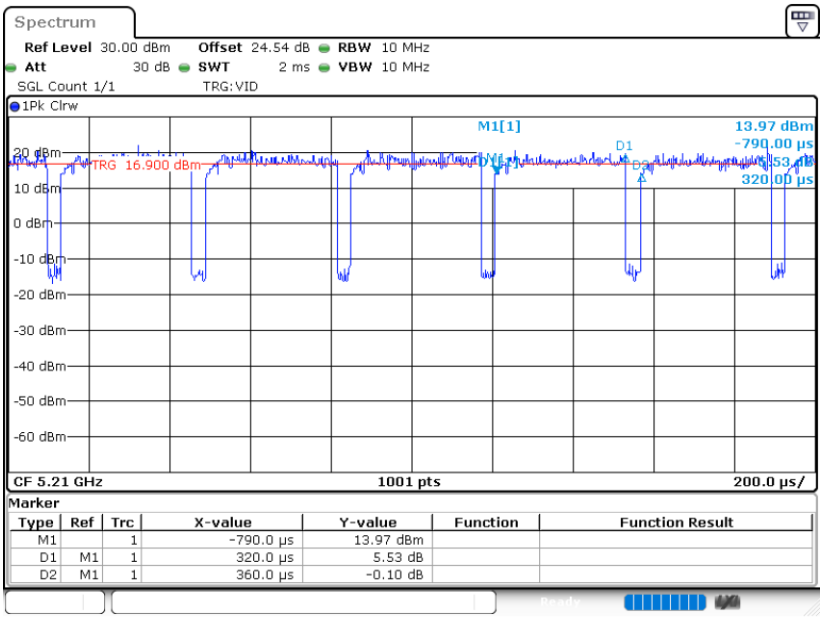
802.11a



802.11n HT20



802.11n HT40



802.11ac VHT80