FCC RF Test Report

APPLICANT	:	Rolling Wireless S.à r.l.
EQUIPMENT	:	RW962D
BRAND NAME	:	Rolling Wireless
MODEL NAME	:	RW962D
FCC ID	:	2AX2URW962D
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Apr. 09, 2026 ~ Apr. 30, 2026

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)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China

TABLE OF CONTENTS

REVISION HISTORY **3**

SUMMARY OF TEST RESULT **4**

1 GENERAL DESCRIPTION **5**

1.1 Applicant 5
1.2 Manufacturer 5
1.3 Product Feature of Equipment Under Test 5
1.4 Product Specification of Equipment Under Test 6
1.5 Modification of EUT 8
1.6 Testing Location 8
1.7 Test Software 9
1.8 Applicable Standards 9

2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST **10**

2.1 Carrier Frequency and Channel 10
2.2 Test Mode 11
2.3 Connection Diagram of Test System 13
2.4 Support Unit used in test configuration and system 13
2.5 EUT Operation Test Setup 13
2.6 Measurement Results Explanation Example 14

3 TEST RESULT **15**

3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement 15
3.2 Maximum Conducted Output Power Measurement 20
3.3 Power Spectral Density Measurement 22
3.4 Unwanted Emissions Measurement 26
3.5 AC Conducted Emission Measurement 31
3.6 Antenna Requirements 33

4 LIST OF MEASURING EQUIPMENT **34**

5 MEASUREMENT UNCERTAINTY **35**

APPENDIX A. CONDUCTED TEST RESULTS

APPENDIX B. AC CONDUCTED EMISSION TEST RESULT

APPENDIX C. RADIATED SPURIOUS EMISSION

APPENDIX D. DUTY CYCLE PLOTS

APPENDIX E. SETUP PHOTOGRAPHS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR610707D	Rev. 01	Initial issue of report	Jul. 24, 2026

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit for U-NII-1/2A/2C	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	≤ 21 dBm for UNII-1, and 24 dBm for UNII-2A/2C	≤ 30 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 17 dBm/MHz for UNII-1, and 11 dBm/MHz for UNII-2A/2C	≤ 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 3.23 dB at 5352.96 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	15.207(a)	Pass	Under limit 8.18 dB at 0.39 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

Rolling Wireless S.à r.l.
8-10 rue Mathias Hardt 1717 Luxembourg

1.2 Manufacturer

Rolling Wireless S.à r.l.
8-10 rue Mathias Hardt 1717 Luxembourg

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	RW962D
Brand Name	Rolling Wireless
Model Name	RW962D
FCC ID	2AX2URW962D
SN Code	Conducted: 7L5502001610AB Conduction: 7L5502003511AB Radiation: :7L5502002612AB
EUT Stage	Identical Prototype

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

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz 5745 MHz ~ 5825 MHz
Maximum Output Power to Antenna	**SISO<ANT1>** **<5180 MHz ~ 5240 MHz>** 802.11a : 13.98 dBm / 0.0250 W **<5260 MHz ~ 5320 MHz>** 802.11a : 13.99 dBm / 0.0251 W **<5500 MHz ~ 5720 MHz >** 802.11a : 14.16 dBm / 0.0261 W **<5745 MHz ~ 5825 MHz>** 802.11a : 13.54 dBm / 0.0226 W **SISO<ANT2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 13.77 dBm / 0.0238 W **<5260 MHz ~ 5320 MHz>** 802.11a : 13.56 dBm / 0.0227 W **<5500 MHz ~ 5720 MHz >** 802.11a : 13.94 dBm / 0.0248 W **<5745 MHz ~ 5825 MHz>** 802.11a : 13.60 dBm / 0.0229 W **MIMO <Ant. 1 + 2>** **<5180 MHz ~ 5240 MHz>** 802.11n HT20 : 17.55 dBm / 0.0569 W 802.11n HT40 : 17.21 dBm / 0.0526 W 802.11ac VHT20: 17.53 dBm / 0.0566 W 802.11ac VHT40: 17.16 dBm / 0.0520 W 802.11ac VHT80: 16.82 dBm / 0.0481 W 802.11ax HE20: 17.60 dBm / 0.0575 W 802.11ax HE40: 17.24 dBm / 0.0530 W 802.11ax HE80: 16.87 dBm / 0.0486 W **<5260 MHz ~ 5320 MHz>** 802.11n HT20 : 17.51 dBm / 0.0564 W 802.11n HT40 : 17.15 dBm / 0.0519 W 802.11ac VHT20: 17.49 dBm / 0.0561 W 802.11ac VHT40: 17.12 dBm / 0.0515 W 802.11ac VHT80: 16.70 dBm / 0.0468 W 802.11ax HE20: 17.54 dBm / 0.0568 W 802.11ax HE40: 17.17 dBm / 0.0521 W 802.11ax HE80: 16.74 dBm / 0.0472 W **<5500 MHz ~ 5720 MHz >** 802.11n HT20 : 17.40 dBm / 0.0550 W 802.11n HT40 : 17.02 dBm / 0.0504 W 802.11ac VHT20: 17.38 dBm / 0.0547 W 802.11ac VHT40: 17.01 dBm / 0.0502 W 802.11ac VHT80: 16.59 dBm / 0.0456 W 802.11ax HE20: 17.43 dBm / 0.0553 W 802.11ax HE40: 17.04 dBm / 0.0506 W 802.11ax HE80: 16.64 dBm / 0.0461 W **<5745 MHz ~ 5825 MHz>**

	802.11n HT20 : 17.20 dBm / 0.0525 W 802.11n HT40 : 16.52 dBm / 0.0449 W 802.11ac VHT20: 17.17 dBm / 0.0521 W 802.11ac VHT40: 16.49 dBm / 0.0446 W 802.11ac VHT80: 15.76 dBm / 0.0377 W 802.11ax HE20: 17.44 dBm / 0.0555 W 802.11ax HE40: 16.57 dBm / 0.0454 W 802.11ax HE80: 15.80 dBm / 0.0380 W
99% Occupied Bandwidth	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.32 MHz 802.11n HT20 : 17.52 MHz 802.11n HT40 : 36.06 MHz 802.11ac VHT80 : 75.24 MHz 802.11ax HE20: 18.85 MHz 802.11ax HE40: 37.72 MHz 802.11ax HE80: 77.07 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.32 MHz 802.11n HT20 : 17.51 MHz 802.11n HT40 : 36.09 MHz 802.11ac VHT80 : 74.97 MHz 802.11ax HE20: 18.86 MHz 802.11ax HE40: 37.59 MHz 802.11ax HE80: 76.73 MHz **<5500 MHz ~ 5720 MHz>** 802.11a : 16.44 MHz 802.11n HT20 : 17.60 MHz 802.11n HT40 : 36.40 MHz 802.11ac VHT80 : 75.41 MHz 802.11ax HE20: 18.89 MHz 802.11ax HE40: 37.91 MHz 802.11ax HE80: 77.38 MHz **<5745 MHz ~ 5825 MHz>** 802.11a : 16.47 MHz 802.11n HT20 : 17.63 MHz 802.11n HT40 : 36.32 MHz 802.11ac VHT80 : 75.47 MHz 802.11ax HE20: 18.92 MHz 802.11ax HE40: 37.88 MHz 802.11ax HE80: 77.19 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** <Ant. 1> : Glue stick Antenna with gain 1.14 dBi <Ant. 2> : Glue stick Antenna with gain 1.14 dBi **<5260 MHz ~ 5320 MHz>** <Ant. 1> : Glue stick Antenna with gain 1.83 dBi <Ant. 2> : Glue stick Antenna with gain 1.83 dBi **<5500 MHz ~ 5720 MHz>** <Ant. 1> : Glue stick Antenna with gain 3.18 dBi <Ant. 2> : Glue stick Antenna with gain 3.18 dBi **<5745 MHz ~ 5825 MHz>** <Ant. 1> : Glue stick Antenna with gain 3.42 dBi <Ant. 2> : Glue stick Antenna with gain 3.42 dBi

Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11ax : OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)

Note:

1. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to the higher normal output power.
2. The device supports WLAN SISO mode for 802.11a/n/ac/ax and MIMO STBC/LDPC(Low Density Parity Check) mode for 802.11n/ac/ax.
3. For 802.11n/11ac mode, the whole testing have assessed only 802.11n HT20/HT40 by referring to the higher output power.
4. 802.11ax support OFDMA full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH) test output power/PSD, the full RU PSD > partial RU, therefore the full RU perform full, and partial RU verify bandedge/spurious.

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 ; 03CH02-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a
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.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2020+Cor.1-2023

Remark:

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

2 Test Configuration of Equipment Under Test

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

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

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

Note:

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

2.2 Test Mode

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

SISO Mode

Modulation	Data Rate
802.11a	**6 Mbps**

MIMO Mode

Modulation	Data Rate
802.11n HT20	**MCS0**
802.11n HT40	**MCS0**
802.11ac VHT20	**MCS0**
802.11ac VHT40	**MCS0**
802.11ac VHT80	**MCS0**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**

Note: Please refer to Appendix C for RSE co-location test modes and data.

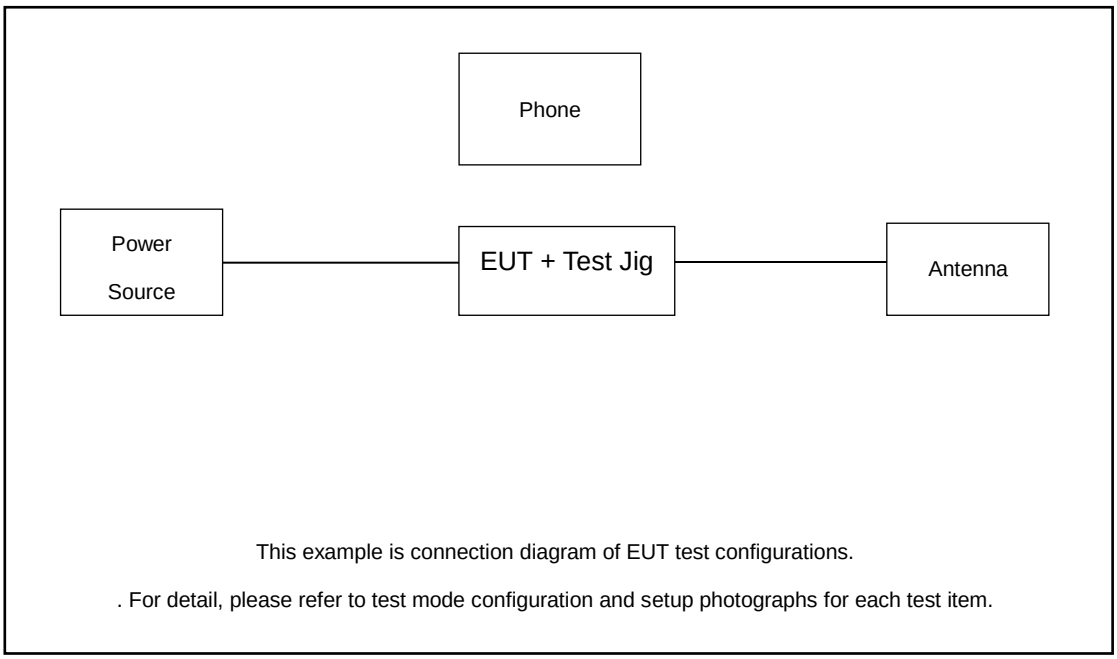
AC Conducted Emission	Mode 1 : BT Link + WLAN Link(5G) + Charging from Adapter
Remark: For Radiated Test Cases, The tests were performance with Adapter and USB Cable.	

Ch. #		**U-NII-1**	**U-NII-2A**	**U-NII-2C**	**U-NII-3**
		20M BW	**20M BW**	**20M BW**	**20M BW**
L	**Low**	36	52	100	149
M	**Middle**	44	60	116	157
H	**High**	48	64	140	165
Straddle		-	-	144	-

Ch. #		**U-NII-1**	**U-NII-2A**	**U-NII-2C**	**U-NII-3**
		40M BW	**40M BW**	**40M BW**	**40M BW**
L	**Low**	38	54	102	151
M	**Middle**	-	-	110	-
H	**High**	46	62	134	159
Straddle		-	-	142	-

Ch. #		**U-NII-1**	**U-NII-2A**	**U-NII-2C**	**U-NII-3**
		80M BW	**80M BW**	**80M BW**	**80M BW**
L	**Low**	-	-	106	-
M	**Middle**	42	58	122	155
H	**High**	-	-	-	-
Straddle		-	-	138	-

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Phone	Oneplus	N/A	N/A	N/A	N/A
2.	Adapter	N/A	N/A	N/A	N/A	N/A
3.	Antenna	N/A	N/A	N/A	N/A	N/A
4.	Test Jig	N/A	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.

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 5.6 dB and 20dB attenuator.

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

= 5.6 + 20 = 25.6 (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

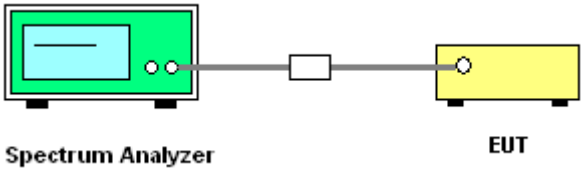
The measuring equipment is listed in the section 4 of this test report.

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 = 100 kHz. **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.

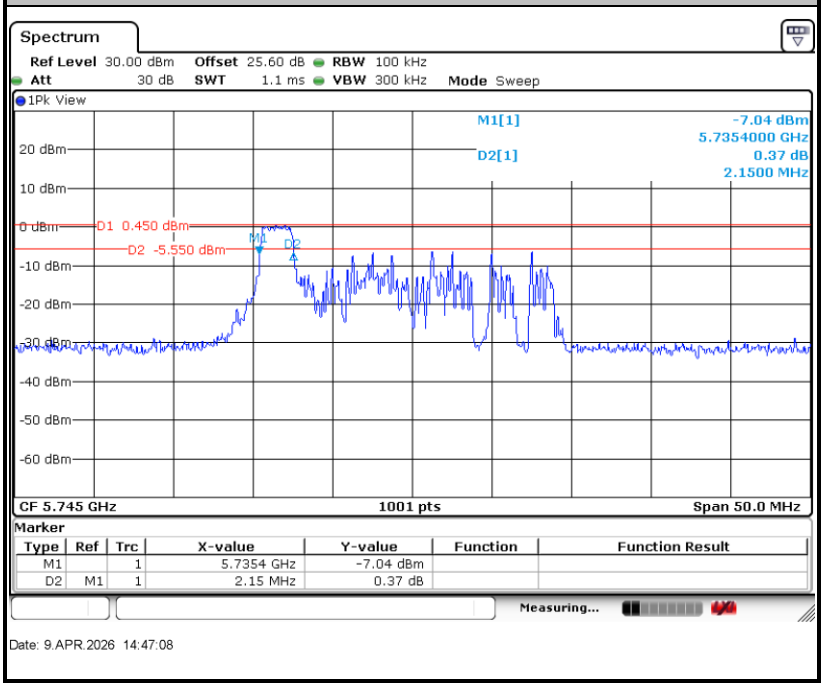
3.1.4 Test Setup



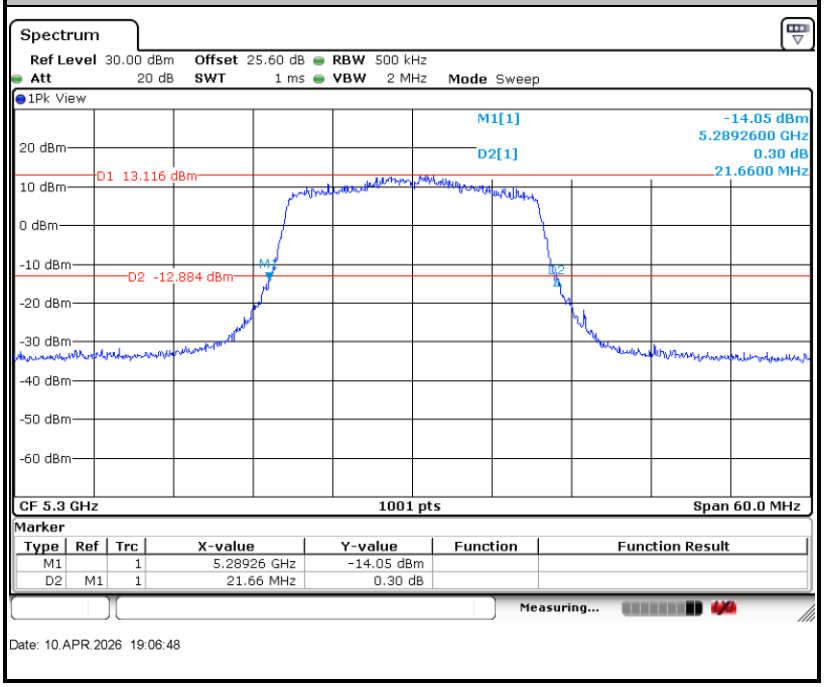
3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

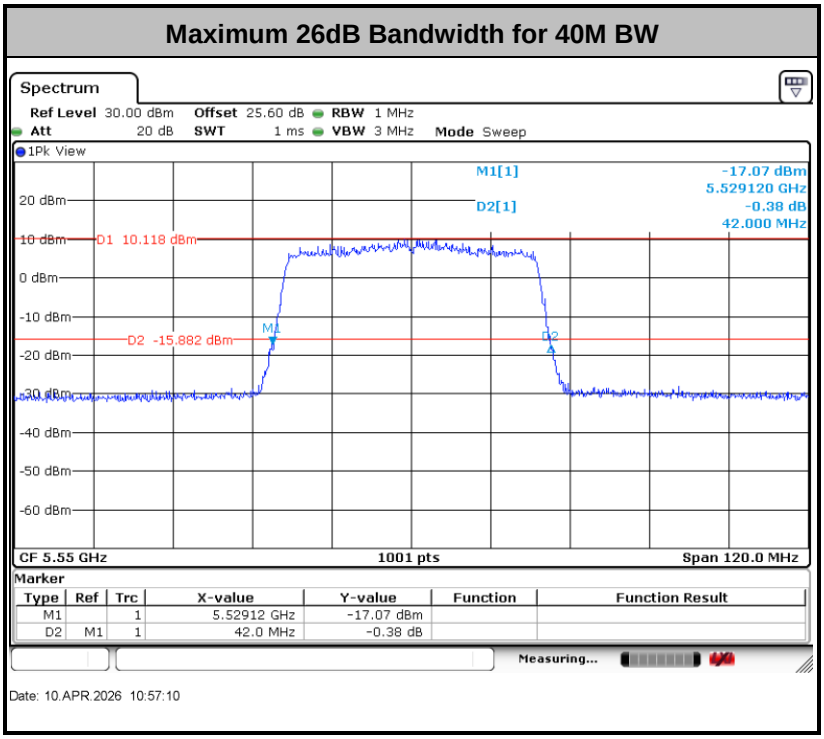
Minimum 6dB Bandwidth



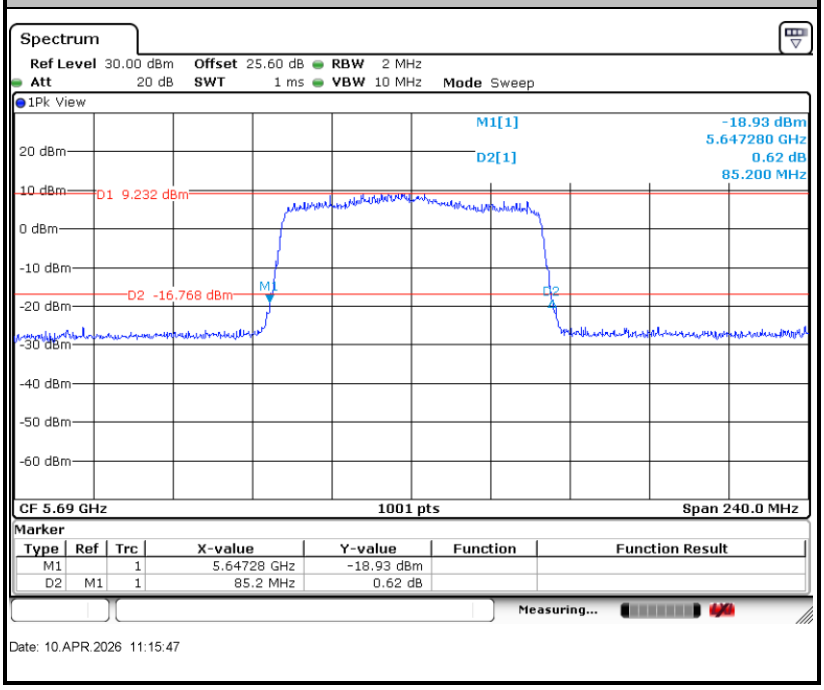
Maximum 26dB Bandwidth for 20M BW



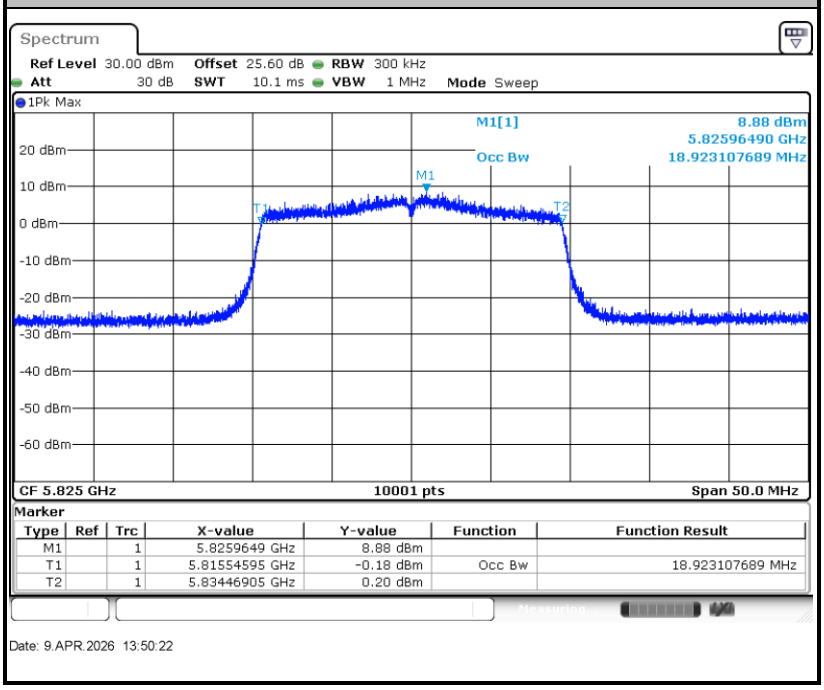
Maximum 26dB Bandwidth for 40M BW



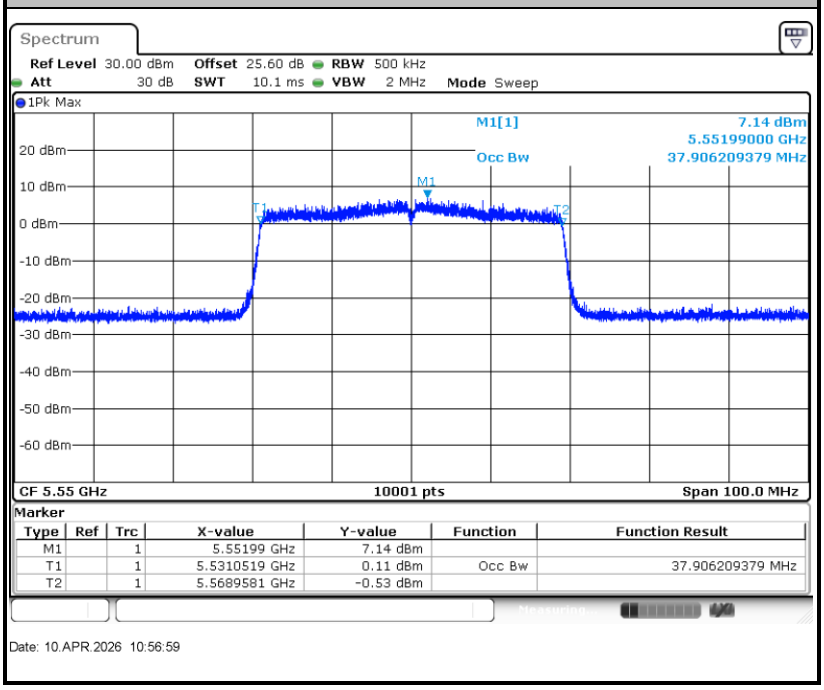
Maximum 26dB Bandwidth for 80M BW



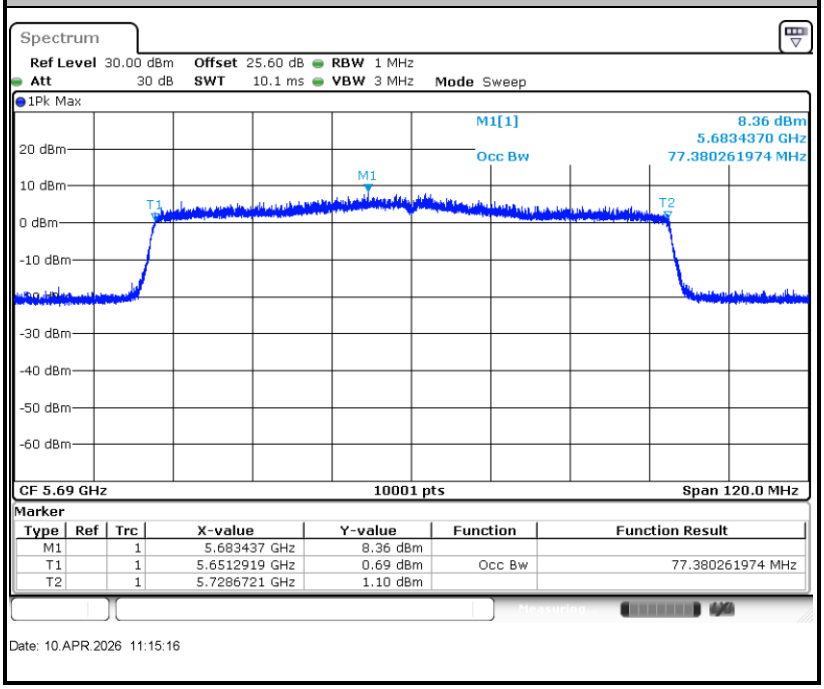
Maximum 99% Occupied Bandwidth for 20M BW



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

<CFR 15.407>

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.
The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

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

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

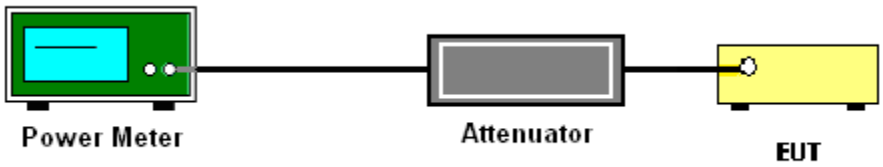
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<CFR 15.407>

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

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

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

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

 # Method SA-2 #

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

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

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.

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

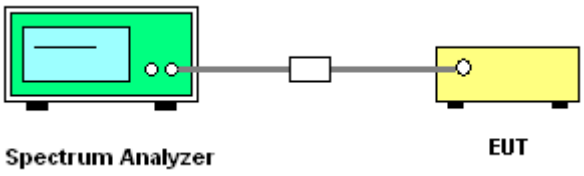
Method (a): Measure and sum the spectra across the outputs.

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

Method (c): Measure and add 10 log(N_{ANT}) dB, where N_{ANT} is the number of outputs.

The measurement on each individual output were performed with the same span and number on each individual output. The quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit.

3.3.4 Test Setup

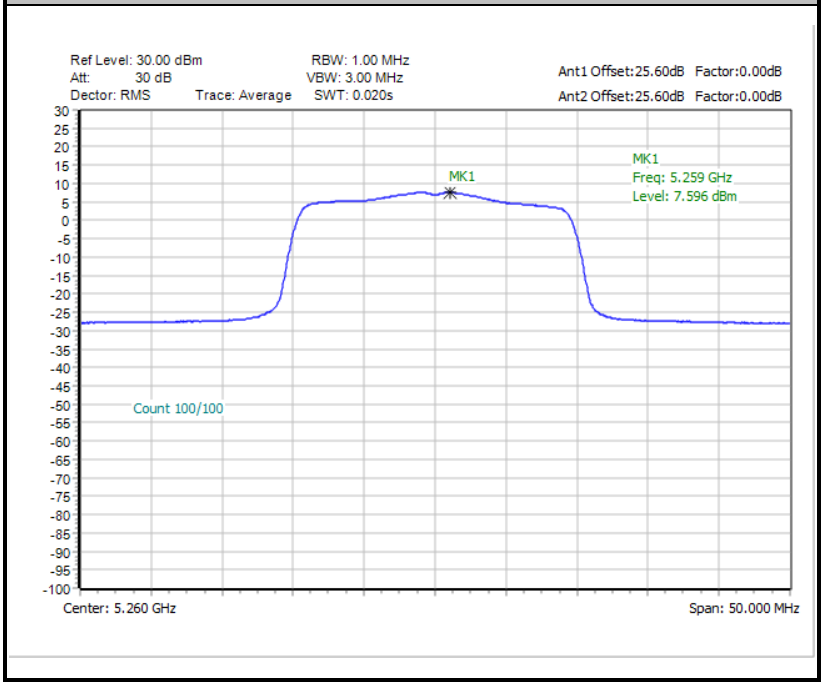


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

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

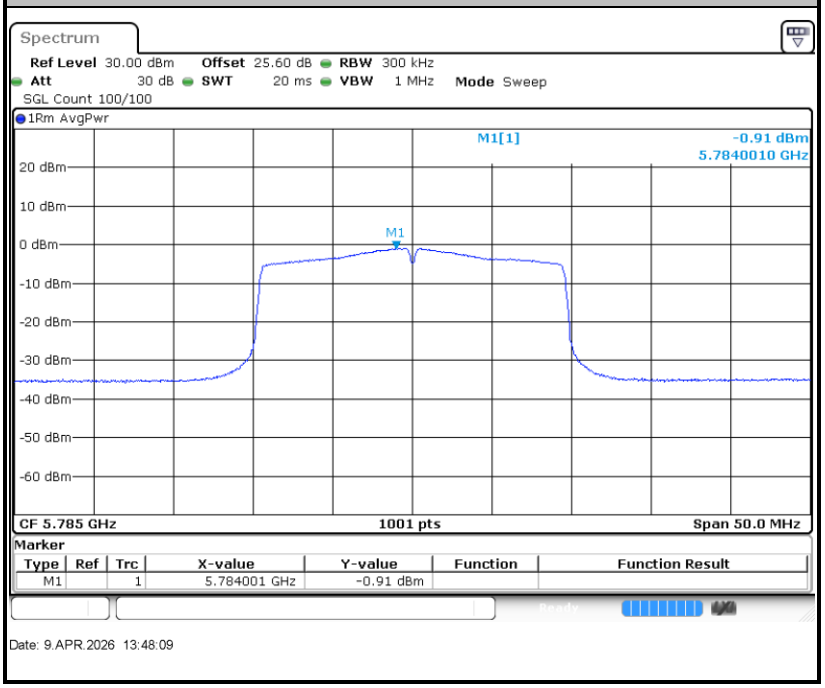
Worst Case Power Density (dBm/MHz)



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

For devices operating in the band UNII-3

Worst Case Power Density (dBm/300kHz)



Note: Average Power Density (dB) = Measured value+Duty Factor+10 log(500/300)

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

(2) 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

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

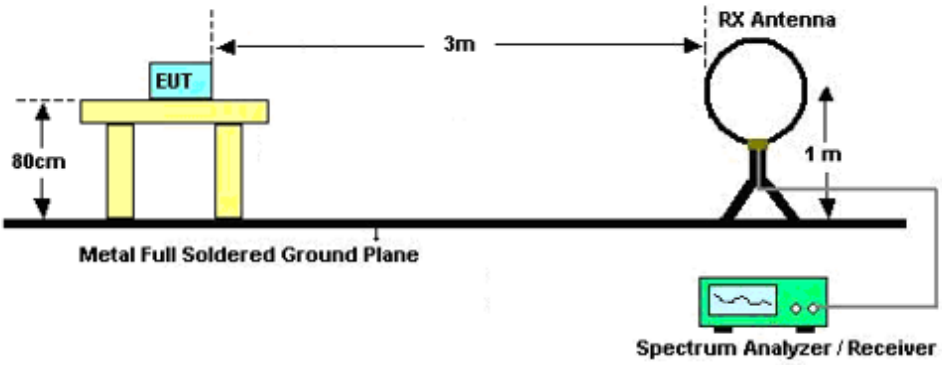
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

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

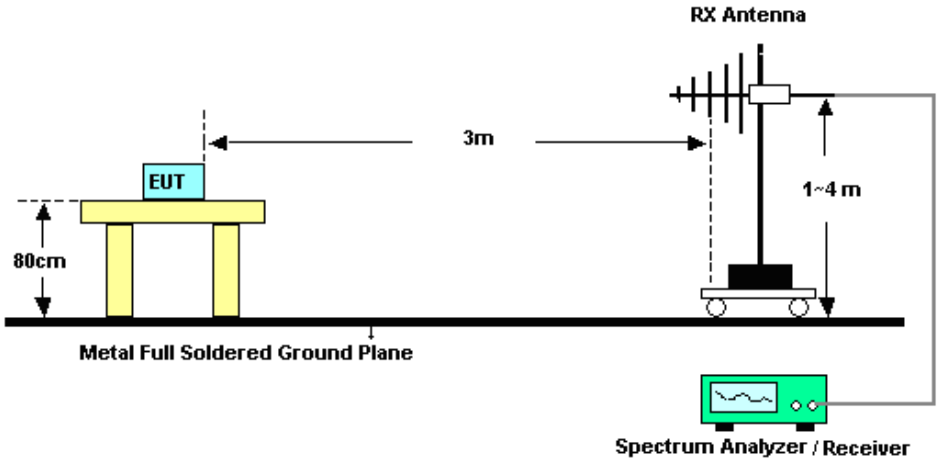
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter 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

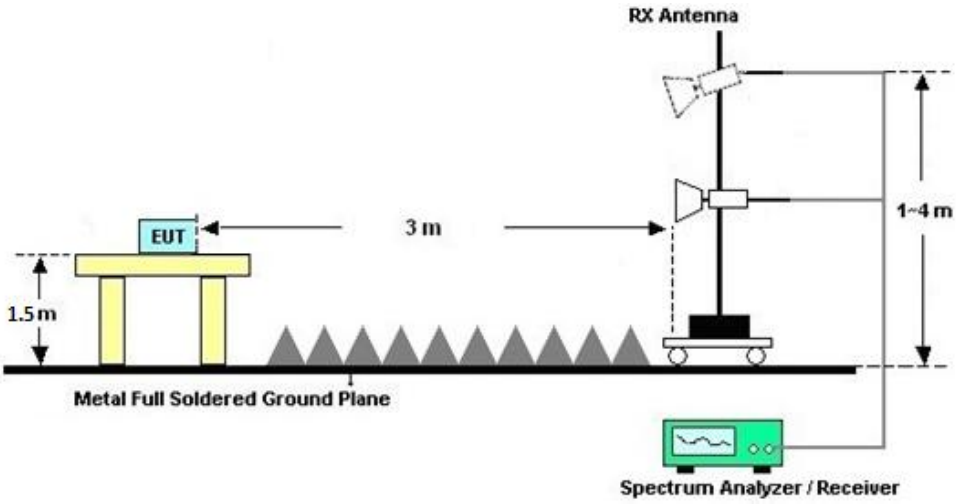
For radiated emissions below 30MHz



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.

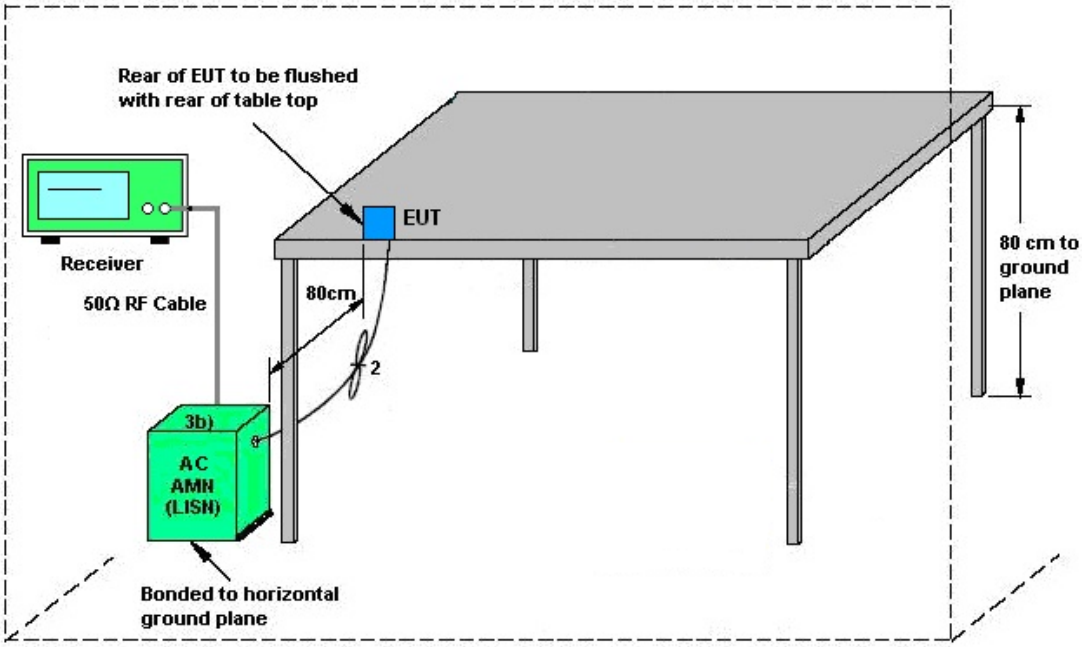
3.5.2 Measuring Instruments

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



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain.

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

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

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

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
UNII-1	1.14	1.14	1.14	1.14	0.00	0.00
UNII-2A	1.83	1.83	1.83	1.83	0.00	0.00
UNII-2C	3.18	3.18	3.18	3.18	0.00	0.00
UNII-3	3.42	3.42	3.42	3.42	0.00	0.00

Power limit reduction = Composite gain – 6dBi, (min = 0)

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)

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	Mar. 26, 2026	Apr. 09, 2026~ Apr. 10, 2026	Mar. 25, 2027	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 24, 2025	Apr. 09, 2026~ Apr. 10, 2026	Dec. 23, 2026	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct. 13, 2025	Apr. 09, 2026~ Apr. 10, 2026	Oct. 12, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct. 13, 2025	Apr. 09, 2026~ Apr. 10, 2026	Oct. 12, 2026	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Apr. 09, 2026~ Apr. 10, 2026	Jul. 01, 2026	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Apr. 09, 2026~ Apr. 12, 2026	Jul. 02, 2026	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 25, 2025	Apr. 09, 2026~ Apr. 12, 2026	Dec. 24, 2026	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Dec. 23, 2025	Apr. 09, 2026~ Apr. 12, 2026	Dec. 22, 2027	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Apr. 09, 2026~ Apr. 12, 2026	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Apr. 09, 2026~ Apr. 12, 2026	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Apr. 09, 2026~ Apr. 12, 2026	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2025	Apr. 09, 2026~ Apr. 12, 2026	Dec. 24, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 13, 2025	Apr. 09, 2026~ Apr. 12, 2026	Oct. 12, 2026	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 13, 2025	Apr. 09, 2026~ Apr. 12, 2026	Oct. 12, 2026	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 13, 2025	Apr. 09, 2026~ Apr. 12, 2026	Oct. 12, 2026	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Apr. 09, 2026~ Apr. 12, 2026	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Apr. 09, 2026~ Apr. 12, 2026	NCR	Radiation (03CH02-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 02, 2025	Apr. 30, 2026	Jul. 01, 2026	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2025	Apr. 30, 2026	Jul. 02, 2026	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Dec.14, 2025	Apr. 30, 2026	Dec. 13, 2026	Conduction (CO02-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))	2.40 dB

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1 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:	Sam Zheng	Temperature:	21~25	°C
Test Date:	2026/4/9~2026/4/10	Relative Humidity:	51~54	%

Report Number : FR610707D

TEST RESULTS DATA
Average Power Table

FCC Band I																				
Mod.	Data Rate	NTx	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			EIRP (dBm)		DG (dBi)		EIRP Limit (dBm)		Pass /Fail	Power Setting	
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2					
11a	6Mbps	1	36	Full	5180	0.04	0.04	13.67	13.77		14.81	14.91	1.14	1.14	21	21	Pass	14	15
11a	6Mbps	1	44	Full	5220	0.04	0.04	13.77	13.59		14.91	14.73	1.14	1.14	21	21	Pass	14	15
11a	6Mbps	1	48	Full	5240	0.04	0.04	13.98	13.54		15.12	14.68	1.14	1.14	21	21	Pass	14	15
HT20	MCS0	2	36	Full	5180	0.00	0.00	15.15	13.84	17.55	18.69		1.14		21		Pass	16	
HT20	MCS0	2	44	Full	5220	0.00	0.00	15.22	13.64	17.51	18.65		1.14		21		Pass	16	
HT20	MCS0	2	48	Full	5240	0.00	0.00	15.15	13.61	17.46	18.60		1.14		21		Pass	16	
HT40	MCS0	2	38	Full	5190	0.00	0.00	14.80	13.40	17.17	18.31		1.14		21		Pass	15	
HT40	MCS0	2	46	Full	5230	0.00	0.00	14.90	13.37	17.21	18.35		1.14		21		Pass	15	
VHT20	MCS0	2	36	Full	5180	0.00	0.00	15.12	13.82	17.53	18.67		1.14		21		Pass	16	
VHT20	MCS0	2	44	Full	5220	0.00	0.00	15.20	13.60	17.48	18.62		1.14		21		Pass	16	
VHT20	MCS0	2	48	Full	5240	0.00	0.00	15.11	13.60	17.43	18.57		1.14		21		Pass	16	
VHT40	MCS0	2	38	Full	5190	0.00	0.00	14.77	13.36	17.13	18.27		1.14		21		Pass	15	
VHT40	MCS0	2	46	Full	5230	0.00	0.00	14.85	13.32	17.16	18.30		1.14		21		Pass	15	
VHT80	MCS0	2	42	Full	5210	0.04	0.04	14.45	13.06	16.82	17.96		1.14		21		Pass	15	
HE20	MCS0	2	36	Full	5180	0.00	0.00	15.18	13.90	17.60	18.74		1.14		21		Pass	16	
				26/0		0.00	0.00	7.13	6.08	9.65	10.79		1.14		21		Pass	6.5	
				52/37		0.00	0.00	9.73	8.54	12.19	13.33		1.14		21		Pass	9.5	
				106/53		0.00	0.00	12.92	11.66	15.35	16.49		1.14		21		Pass	12.5	
			44	Full	5220	0.00	0.00	15.24	13.68	17.54	18.68		1.14		21		Pass	16	
			48	Full	5240	0.00	0.00	15.18	13.65	17.49	18.63		1.14		21		Pass	16	
HE40	MCS0	2	38	Full	5190	0.00	0.00	14.82	13.42	17.19	18.33		1.14		21		Pass	15	
			46	Full	5230	0.00	0.00	14.93	13.40	17.24	18.38		1.14		21		Pass	15	
HE80	MCS0	2	42	Full	5210	0.05	0.05	14.49	13.11	16.87	18.01		1.14		21		Pass	15	

Report Number : FR610707D

TEST RESULTS DATA
Average Power Table

FCC Band II																			
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting	
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2				
11a	6Mbps	1	52	Full	5260	0.04	0.04	13.81	13.56		23.98	23.98	1.83	1.83	30	Pass	14	15
11a	6Mbps	1	60	Full	5300	0.04	0.04	13.99	13.55		23.98	23.98	1.83	1.83	30	Pass	14	15
11a	6Mbps	1	64	Full	5320	0.04	0.04	13.88	13.50		23.98	23.98	1.83	1.83	30	Pass	14	15
HT20	MCS0	2	52	Full	5260	0.00	0.00	15.22	13.62	17.50	23.98		1.83		30	Pass	16	
HT20	MCS0	2	60	Full	5300	0.00	0.00	15.24	13.60	17.51	23.98		1.83		30	Pass	16	
HT20	MCS0	2	64	Full	5320	0.00	0.00	15.13	13.61	17.45	23.98		1.83		30	Pass	16	
HT40	MCS0	2	54	Full	5270	0.00	0.00	14.91	13.20	17.15	23.98		1.83		30	Pass	15	
HT40	MCS0	2	62	Full	5310	0.00	0.00	14.93	13.12	17.13	23.98		1.83		30	Pass	15	
VHT20	MCS0	2	52	Full	5260	0.00	0.00	15.20	13.61	17.49	23.98		1.83		30	Pass	16	
VHT20	MCS0	2	60	Full	5300	0.00	0.00	15.21	13.56	17.47	23.98		1.83		30	Pass	16	
VHT20	MCS0	2	64	Full	5320	0.00	0.00	15.10	13.60	17.42	23.98		1.83		30	Pass	16	
VHT40	MCS0	2	54	Full	5270	0.00	0.00	14.90	13.15	17.12	23.98		1.83		30	Pass	15	
VHT40	MCS0	2	62	Full	5310	0.00	0.00	14.90	13.10	17.10	23.98		1.83		30	Pass	15	
VHT80	MCS0	2	58	Full	5290	0.04	0.04	14.44	12.79	16.70	23.98		1.83		30	Pass	15	
HE20	MCS0	2	52	Full	5260	0.00	0.00	15.25	13.66	17.54	23.98		1.83		30	Pass	16	
			60	Full	5300	0.00	0.00	15.28	13.62	17.54	23.98		1.83		30	Pass	16	
			64	Full	5320	0.00	0.00	15.18	13.64	17.49	23.98		1.83		30	Pass	16	
				26/8		0.00	0.00	7.16	5.88	9.58	23.98		1.83		30	Pass	7.5	
				52/40		0.00	0.00	9.66	9.09	12.39	23.98		1.83		30	Pass	10.5	
				106/54		0.00	0.00	13.89	11.87	16.01	23.98		1.83		30	Pass	13.5	
HE40	MCS0	2	54	Full	5270	0.00	0.00	14.94	13.21	17.17	23.98		1.83		30	Pass	15	
			62	Full	5310	0.00	0.00	14.98	13.15	17.17	23.98		1.83		30	Pass	15	
HE80	MCS0	2	58	Full	5290	0.05	0.05	14.47	12.83	16.74	23.98		1.83		30	Pass	15	

Report Number : FR610707D

TEST RESULTS DATA
Average Power Table

FCC Band III																		
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting	
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2				
11a	6Mbps	1	100	Full	5500	0.04	0.04	14.16	13.72		23.98	23.98	3.18	3.18	30	Pass	14.5	15.5
11a	6Mbps	1	116	Full	5580	0.04	0.04	13.87	13.94		23.98	23.98	3.18	3.18	30	Pass	14.5	15.5
11a	6Mbps	1	140	Full	5700	0.04	0.04	13.86	13.74		23.98	23.98	3.18	3.18	30	Pass	14.5	15.5
11a	6Mbps	1	144	Full	5720	0.04	0.04	13.77	13.64		23.98	23.98	3.18	3.18	30	Pass	14.5	15.5
HT20	MCS0	2	100	Full	5500	0.00	0.00	15.12	13.51	17.40	23.98		3.18		30	Pass	16	
HT20	MCS0	2	116	Full	5580	0.00	0.00	14.73	13.54	17.19	23.98		3.18		30	Pass	16	
HT20	MCS0	2	140	Full	5700	0.00	0.00	14.60	13.51	17.10	23.98		3.18		30	Pass	16	
HT20	MCS0	2	144	Full	5720	0.00	0.00	14.56	13.51	17.08	23.98		3.18		30	Pass	16	
HT40	MCS0	2	102	Full	5510	0.00	0.00	14.74	13.06	16.99	23.98		3.18		30	Pass	15	
HT40	MCS0	2	110	Full	5550	0.00	0.00	14.81	13.03	17.02	23.98		3.18		30	Pass	15	
HT40	MCS0	2	134	Full	5670	0.00	0.00	14.06	13.02	16.58	23.98		3.18		30	Pass	15	
HT40	MCS0	2	142	Full	5710	0.00	0.00	14.50	13.02	16.83	23.98		3.18		30	Pass	15	
VHT20	MCS0	2	100	Full	5500	0.00	0.00	15.10	13.50	17.38	23.98		3.18		30	Pass	16	
VHT20	MCS0	2	116	Full	5580	0.00	0.00	14.72	13.52	17.17	23.98		3.18		30	Pass	16	
VHT20	MCS0	2	140	Full	5700	0.00	0.00	14.57	13.50	17.08	23.98		3.18		30	Pass	16	
VHT20	MCS0	2	144	Full	5720	0.00	0.00	14.52	13.50	17.05	23.98		3.18		30	Pass	16	
VHT40	MCS0	2	102	Full	5510	0.00	0.00	14.70	13.02	16.95	23.98		3.18		30	Pass	15	
VHT40	MCS0	2	110	Full	5550	0.00	0.00	14.80	13.02	17.01	23.98		3.18		30	Pass	15	
VHT40	MCS0	2	134	Full	5670	0.00	0.00	14.03	13.01	16.56	23.98		3.18		30	Pass	15	
VHT40	MCS0	2	142	Full	5710	0.00	0.00	14.44	13.00	16.79	23.98		3.18		30	Pass	15	
VHT80	MCS0	2	106	Full	5530	0.04	0.04	14.39	12.58	16.59	23.98		3.18		30	Pass	15	
VHT80	MCS0	2	122	Full	5610	0.04	0.04	13.89	12.51	16.27	23.98		3.18		30	Pass	15	
VHT80	MCS0	2	138	Full	5690	0.04	0.04	13.94	12.52	16.30	23.98		3.18		30	Pass	15	
HE20	MCS0	2	100	Full	5500	0.00	0.00	15.16	13.52	17.43	23.98		3.18		30	Pass	16	
				26/0		0.00	0.00	6.93	6.04	9.52	23.98		3.18		30	Pass	7.5	
				52/37		0.00	0.00	10.02	9.13	12.61	23.98		3.18		30	Pass	10	
				106/53		0.00	0.00	13.06	11.65	15.42	23.98		3.18		30	Pass	13	
			116	Full	5580	0.00	0.00	14.75	13.57	17.21	23.98		3.18		30	Pass	16	
			140	Full	5700	0.00	0.00	14.62	13.52	17.12	23.98		3.18		30	Pass	16	
				26/8		0.00	0.00	6.40	5.38	8.93	23.98		3.18		30	Pass	7	
				52/40		0.00	0.00	9.26	8.05	11.71	23.98		3.18		30	Pass	10	
				106/54		0.00	0.00	12.34	11.08	14.77	23.98		3.18		30	Pass	12.5	
			144	Full	5720	0.00	0.00	14.60	13.52	17.10	23.98		3.18		30	Pass	16	
				26/8		0.00	0.00	6.45	5.10	8.84	23.98		3.18		30	Pass	7	
				52/40		0.00	0.00	9.18	7.88	11.59	23.98		3.18		30	Pass	10	
				106/54		0.00	0.00	12.71	11.00	14.95	23.98		3.18		30	Pass	13	
HE40	MCS0	2	102	Full	5510	0.00	0.00	14.78	13.10	17.03	23.98		3.18		30	Pass	15	
			110	Full	5550	0.00	0.00	14.83	13.05	17.04	23.98		3.18		30	Pass	15	
			134	Full	5670	0.00	0.00	14.10	13.04	16.61	23.98		3.18		30	Pass	15	
			142	Full	5710	0.00	0.00	14.53	13.03	16.85	23.98		3.18		30	Pass	15	
HE80	MCS0	2	106	Full	5530	0.05	0.05	14.45	12.61	16.64	23.98		3.18		30	Pass	15	
			122	Full	5610	0.05	0.05	13.93	12.54	16.30	23.98		3.18		30	Pass	15	
			138	Full	5690	0.05	0.05	13.97	12.55	16.33	23.98		3.18		30	Pass	15	

Report Number : FR610707D

TEST RESULTS DATA
Average Power Table

Band IV																		
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail	Power Setting	
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2				
11a	6Mbps	1	149	Full	5745	0.04	0.04	13.51	13.51		30.00	30.00	3.42	3.42		Pass	14.5	15
11a	6Mbps	1	157	Full	5785	0.04	0.04	13.52	13.60		30.00	30.00	3.42	3.42		Pass	14.5	15
11a	6Mbps	1	165	Full	5825	0.04	0.04	13.54	13.53		30.00	30.00	3.42	3.42		Pass	14.5	15
HT20	MCS0	2	149	Full	5745	0.00	0.00	14.40	13.53	17.00	30.00		3.42			Pass	16	
HT20	MCS0	2	157	Full	5785	0.00	0.00	14.46	13.73	17.12	30.00		3.42			Pass	16	
HT20	MCS0	2	165	Full	5825	0.00	0.00	14.63	13.70	17.20	30.00		3.42			Pass	16	
HT40	MCS0	2	151	Full	5755	0.00	0.00	13.73	13.04	16.41	30.00		3.42			Pass	14.5	
HT40	MCS0	2	159	Full	5795	0.00	0.00	13.84	13.15	16.52	30.00		3.42			Pass	14.5	
VHT20	MCS0	2	149	Full	5745	0.00	0.00	14.36	13.50	16.96	30.00		3.42			Pass	16	
VHT20	MCS0	2	157	Full	5785	0.00	0.00	14.41	13.70	17.08	30.00		3.42			Pass	16	
VHT20	MCS0	2	165	Full	5825	0.00	0.00	14.60	13.66	17.17	30.00		3.42			Pass	16	
VHT40	MCS0	2	151	Full	5755	0.00	0.00	13.71	13.02	16.39	30.00		3.42			Pass	14.5	
VHT40	MCS0	2	159	Full	5795	0.00	0.00	13.81	13.12	16.49	30.00		3.42			Pass	14.5	
VHT80	MCS0	2	155	Full	5775	0.04	0.04	12.94	12.55	15.76	30.00		3.42			Pass	14.5	
HE20	MCS0	2	149	Full	5745	0.00	0.00	14.60	13.80	17.23	30.00		3.42			Pass	16	
HE20	MCS0	2	149	26/0	5745	0.00	0.00	6.20	6.16	9.19	30.00		3.42			Pass	7	
HE20	MCS0	2	149	52/37	5745	0.00	0.00	8.83	8.56	11.71	30.00		3.42			Pass	10	
HE20	MCS0	2	149	106/53	5745	0.00	0.00	12.20	11.87	15.05	30.00		3.42			Pass	13	
HE20	MCS0	2	157	Full	5785	0.00	0.00	14.66	13.97	17.34	30.00		3.42			Pass	16	
HE20	MCS0	2	165	Full	5825	0.00	0.00	14.85	13.96	17.44	30.00		3.42			Pass	16	
HE20	MCS0	2	165	26/8	5825	0.00	0.00	6.20	6.02	9.12	30.00		3.42			Pass	7.5	
HE20	MCS0	2	165	52/40	5825	0.00	0.00	9.50	8.40	12.00	30.00		3.42			Pass	10.5	
HE20	MCS0	2	165	106/54	5825	0.00	0.00	12.56	11.71	15.17	30.00		3.42			Pass	13	
HE40	MCS0	2	151	Full	5755	0.00	0.00	13.75	13.07	16.43	30.00		3.42			Pass	14.5	
HE40	MCS0	2	159	Full	5795	0.00	0.00	13.90	13.20	16.57	30.00		3.42			Pass	14.5	
HE80	MCS0	2	155	Full	5775	0.05	0.05	12.98	12.58	15.80	30.00		3.42			Pass	14.5	

TEST RESULTS DATA
26dB and 99% OBW

Band I												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	36	5180	16.30	16.32	19.98	20.22	-		22.12	22.13
11a	6Mbps	1	44	5220	16.31	16.31	20.16	20.28	-		22.12	22.13
11a	6Mbps	1	48	5240	16.32	16.32	20.04	20.40	-		22.13	22.13
HT20	MCS0	2	36	5180	17.48	17.51	21.06	21.12	-		22.43	
HT20	MCS0	2	44	5220	17.50	17.52	21.24	21.06	-		22.43	
HT20	MCS0	2	48	5240	17.51	17.51	21.60	21.30	-		22.43	
HT40	MCS0	2	38	5190	36.06	35.94	40.92	40.68	-		23.01	
HT40	MCS0	2	46	5230	35.87	35.96	41.16	40.68	-		23.01	
VHT80	MCS0	2	42	5210	75.24	75.02	83.52	82.80	-		23.01	
HE20	MCS0	2	36	5180	18.82	18.84	21.42	21.24	-		22.75	
HE20	MCS0	2	44	5220	18.84	18.84	21.48	21.54	-		22.75	
HE20	MCS0	2	48	5240	18.84	18.85	21.24	21.36	-		22.75	
HE40	MCS0	2	38	5190	37.72	37.59	41.52	41.40	-		23.01	
HE40	MCS0	2	46	5230	37.54	37.60	41.04	41.64	-		23.01	
HE80	MCS0	2	42	5210	77.07	76.72	84.24	84.48	-		23.01	

TEST RESULTS DATA
26dB and 99% OBW

Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	52	5260	16.31	16.31	20.16	20.16	23.13	23.13	29.13	29.13	23.98	23.98
11a	6Mbps	1	60	5300	16.31	16.32	20.22	20.22	23.13	23.13	29.13	29.13	23.98	23.98
11a	6Mbps	1	64	5320	16.32	16.32	20.28	20.28	23.13	23.13	29.13	29.13	23.98	23.98
HT20	MCS0	2	52	5260	17.51	17.51	21.12	20.82	23.43		29.43		23.98	
HT20	MCS0	2	60	5300	17.50	17.51	21.12	21.42	23.43		29.43		23.98	
HT20	MCS0	2	64	5320	17.49	17.51	21.30	21.30	23.43		29.43		23.98	
HT40	MCS0	2	54	5270	36.09	35.92	41.40	40.56	23.98		30.00		23.98	
HT40	MCS0	2	62	5310	35.84	35.95	40.68	41.16	23.98		30.00		23.98	
VHT80	MCS0	2	58	5290	74.93	74.97	82.80	82.56	23.98		30.00		23.98	
HE20	MCS0	2	52	5260	18.85	18.85	21.48	21.48	23.75		29.75		23.98	
HE20	MCS0	2	60	5300	18.85	18.86	21.66	21.42	23.75		29.75		23.98	
HE20	MCS0	2	64	5320	18.83	18.85	21.24	21.54	23.75		29.75		23.98	
HE40	MCS0	2	54	5270	37.58	37.59	41.40	41.52	23.98		30.00		23.98	
HE40	MCS0	2	62	5310	37.51	37.51	41.28	41.40	23.98		30.00		23.98	
HE80	MCS0	2	58	5290	76.70	76.73	84.00	83.52	23.98		30.00		23.98	

TEST RESULTS DATA
26dB and 99% OBW

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.40	16.42	20.28	20.28	23.15	23.15	29.15	29.15	23.98	23.98
11a	6Mbps	1	116	5580	16.41	16.44	20.10	20.52	23.15	23.16	29.15	29.16	23.98	23.98
11a	6Mbps	1	140	5700	16.43	16.44	20.16	20.34	23.16	23.16	29.16	29.16	23.98	23.98
11a	6Mbps	1	144	5720	16.44	16.44	20.22	20.28	23.16	23.16	29.16	29.16	23.98	23.98
HT20	MCS0	2	100	5500	17.55	17.58	21.42	21.18	23.44		29.44		23.98	
HT20	MCS0	2	116	5580	17.56	17.57	21.24	21.18	23.45		29.45		23.98	
HT20	MCS0	2	140	5700	17.60	17.60	21.24	21.06	23.45		29.45		23.98	
HT20	MCS0	2	144	5720	17.58	17.59	21.18	20.94	23.45		29.45		23.98	
HT40	MCS0	2	102	5510	36.07	36.25	40.44	40.44	23.98		30.00		23.98	
HT40	MCS0	2	110	5550	36.15	36.40	40.92	41.16	23.98		30.00		23.98	
HT40	MCS0	2	134	5670	36.22	36.31	40.80	40.92	23.98		30.00		23.98	
HT40	MCS0	2	142	5710	36.25	36.32	41.28	41.16	23.98		30.00		23.98	
VHT80	MCS0	2	106	5530	75.18	75.41	83.04	83.04	23.98		30.00		23.98	
VHT80	MCS0	2	122	5610	75.20	75.36	82.80	83.28	23.98		30.00		23.98	
VHT80	MCS0	2	138	5690	75.32	75.39	83.04	83.04	23.98		30.00		23.98	
HE20	MCS0	2	100	5500	18.85	18.87	21.60	21.36	23.75		29.75		23.98	
HE20	MCS0	2	116	5580	18.86	18.86	21.54	21.48	23.75		29.75		23.98	
HE20	MCS0	2	140	5700	18.87	18.89	21.42	21.42	23.76		29.76		23.98	
HE20	MCS0	2	144	5720	18.86	18.88	21.42	21.48	23.76		29.76		23.98	
HE40	MCS0	2	102	5510	37.67	37.78	41.28	41.16	23.98		30.00		23.98	
HE40	MCS0	2	110	5550	37.70	37.91	41.40	42.00	23.98		30.00		23.98	
HE40	MCS0	2	134	5670	37.69	37.85	41.16	41.64	23.98		30.00		23.98	
HE40	MCS0	2	142	5710	37.77	37.81	41.40	41.64	23.98		30.00		23.98	
HE80	MCS0	2	106	5530	76.89	77.09	84.24	84.24	23.98		30.00		23.98	
HE80	MCS0	2	122	5610	76.94	77.01	83.76	84.24	23.98		30.00		23.98	
HE80	MCS0	2	138	5690	76.94	77.38	83.52	85.20	23.98		30.00		23.98	

Report Number : FR610707D

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

Band IV														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)		Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	Full	16.45	16.45	20.10	20.22	15.15	13.50	0.5	0.5	Pass
11a	6Mbps	1	157	5785	Full	15.44	16.45	20.16	20.28	15.15	14.60	0.5	0.5	Pass
11a	6Mbps	1	165	5825	Full	16.47	16.47	20.16	20.22	15.25	15.15	0.5	0.5	Pass
HT20	MCS0	2	149	5745	Full	17.60	17.61	21.24	20.88	16.75	17.65	0.5		Pass
HT20	MCS0	2	157	5785	Full	17.59	17.61	21.24	21.00	14.25	12.70	0.5		Pass
HT20	MCS0	2	165	5825	Full	17.60	17.63	21.30	20.76	15.20	13.85	0.5		Pass
HT40	MCS0	2	151	5755	Full	36.29	36.32	40.92	41.04	35.28	35.28	0.5		Pass
HT40	MCS0	2	159	5795	Full	36.25	34.35	40.68	40.56	35.19	35.19	0.5		Pass
VHT80	MCS0	2	155	5775	Full	75.42	75.47	82.80	82.56	72.96	71.68	0.5		Pass
HE20	MCS0	2	149	5745	Full	18.89	18.91	21.30	21.48	14.65	16.05	0.5		Pass
HE20	MCS0	2	149	5745	26/0	-	-	-	-	2.15	2.15	0.5		Pass
HE20	MCS0	2	157	5785	Full	18.88	18.90	21.42	21.42	15.70	18.35	0.5		Pass
HE20	MCS0	2	157	5785	26/4	-	-	-	-	2.15	2.15	0.5		Pass
HE20	MCS0	2	165	5825	Full	18.89	18.92	21.24	21.30	17.35	18.25	0.5		Pass
HE20	MCS0	2	165	5825	26/8	-	-	-	-	2.15	2.20	0.5		Pass
HE40	MCS0	2	151	5755	Full	37.77	37.84	41.52	41.64	35.91	35.46	0.5		Pass
HE40	MCS0	2	159	5795	Full	37.78	37.88	41.64	41.52	35.28	35.19	0.5		Pass
HE80	MCS0	2	155	5775	Full	77.10	77.19	84.24	83.52	75.52	69.28	0.5		Pass

Report Number : FR610707D

TEST RESULTS DATA
Power Spectral Density

FCC Band I																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	Full	5180	0.04	0.04	3.57	3.69		17.00	17.00	1.14	1.14		Pass
11a	6Mbps	1	44	Full	5220	0.04	0.04	3.76	3.62		17.00	17.00	1.14	1.14		Pass
11a	6Mbps	1	48	Full	5240	0.04	0.04	4.02	3.73		17.00	17.00	1.14	1.14		Pass
HT20	MCS0	2	36	Full	5180	0.00	0.00			7.37	17.00		1.14			Pass
HT20	MCS0	2	44	Full	5220	0.00	0.00			7.33	17.00		1.14			Pass
HT20	MCS0	2	48	Full	5240	0.00	0.00			7.50	17.00		1.14			Pass
HT40	MCS0	2	38	Full	5190	0.00	0.00			4.35	17.00		1.14			Pass
HT40	MCS0	2	46	Full	5230	0.00	0.00			4.96	17.00		1.14			Pass
VHT80	MCS0	2	42	Full	5210	0.04	0.04			1.52	17.00		1.14			Pass
HE20	MCS0	2	36	Full	5180	0.00	0.00			7.39	17.00		1.14			Pass
				26/0		0.00	0.00			7.03	17.00		1.14			Pass
				52/37		0.00	0.00			7.10	17.00		1.14			Pass
				106/53		0.00	0.00			7.09	17.00		1.14			Pass
HE20	MCS0	2	44	Full	5220	0.00	0.00			7.41	17.00		1.14			Pass
HE20	MCS0	2	48	Full	5240	0.00	0.00			7.59	17.00		1.14			Pass
HE40	MCS0	2	38	Full	5190	0.00	0.00			3.91	17.00		1.14			Pass
HE40	MCS0	2	46	Full	5230	0.00	0.00			4.50	17.00		1.14			Pass
HE80	MCS0	2	42	Full	5210	0.05	0.05			1.41	17.00		1.14			Pass

Report Number : FR610707D

TEST RESULTS DATA
Power Spectral Density

Band II																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	Full	5260	0.04	0.04	3.96	3.93		11.00	11.00	1.83	1.83		Pass
11a	6Mbps	1	60	Full	5300	0.04	0.04	3.79	3.54		11.00	11.00	1.83	1.83		Pass
11a	6Mbps	1	64	Full	5320	0.04	0.04	3.51	3.42		11.00	11.00	1.83	1.83		Pass
HT20	MCS0	2	52	Full	5260	0.00	0.00			7.46	11.00		1.83			Pass
HT20	MCS0	2	60	Full	5300	0.00	0.00			7.27	11.00		1.83			Pass
HT20	MCS0	2	64	Full	5320	0.00	0.00			7.09	11.00		1.83			Pass
HT40	MCS0	2	54	Full	5270	0.00	0.00			4.69	11.00		1.83			Pass
HT40	MCS0	2	62	Full	5310	0.00	0.00			4.64	11.00		1.83			Pass
VHT80	MCS0	2	58	Full	5290	0.04	0.04			1.74	11.00		1.83			Pass
HE20	MCS0	2	52	Full	5260	0.10	0.03			7.60	11.00		1.83			Pass
HE20	MCS0	2	60	Full	5300	0.10	0.03			7.51	11.00		1.83			Pass
HE20	MCS0	2	64	Full	5320	0.10	0.03			7.39	11.00		1.83			Pass
				26/8		0.10	0.03			6.76	11.00		1.83			Pass
				52/40		0.10	0.03			6.91	11.00		1.83			Pass
				106/54		0.10	0.03			7.35	11.00		1.83			Pass
HE40	MCS0	2	54	Full	5270	0.12	0.10			4.20	11.00		1.83			Pass
HE40	MCS0	2	62	Full	5310	0.12	0.10			4.21	11.00		1.83			Pass
HE80	MCS0	2	58	Full	5290	0.20	0.18			1.57	11.00		1.83			Pass

Report Number : FR610707D

TEST RESULTS DATA
Power Spectral Density

Band III																
Mod.	Data Rate	NTX	CH.		Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	Full	5500	0.04	0.04	3.97	3.16		11.00	11.00	3.18	3.18		Pass
11a	6Mbps	1	116	Full	5580	0.04	0.04	3.80	3.39		11.00	11.00	3.18	3.18		Pass
11a	6Mbps	1	140	Full	5700	0.04	0.04	3.71	3.43		11.00	11.00	3.18	3.18		Pass
11a	6Mbps	1	144	Full	5720	0.04	0.04	3.55	3.40		11.00	11.00	3.18	3.18		Pass
HT20	MCS0	2	100	Full	5500	0.00	0.00			6.68	10.81		3.18			Pass
HT20	MCS0	2	116	Full	5580	0.00	0.00			6.68	10.81		3.18			Pass
HT20	MCS0	2	140	Full	5700	0.00	0.00			6.61	10.81		3.18			Pass
HT20	MCS0	2	144	Full	5720	0.00	0.00			6.69	10.81		3.18			Pass
HT40	MCS0	2	102	Full	5510	0.00	0.00			3.66	10.81		3.18			Pass
HT40	MCS0	2	110	Full	5550	0.00	0.00			3.47	10.81		3.18			Pass
HT40	MCS0	2	134	Full	5670	0.00	0.00			3.26	10.81		3.18			Pass
HT40	MCS0	2	142	Full	5710	0.00	0.00			3.51	10.81		3.18			Pass
VHT80	MCS0	2	106	Full	5530	0.04	0.04			0.95	10.81		3.18			Pass
VHT80	MCS0	2	122	Full	5610	0.04	0.04			0.56	10.81		3.18			Pass
VHT80	MCS0	2	138	Full	5690	0.04	0.04			0.44	10.81		3.18			Pass
HE20	MCS0	2	100	Full	5500	0.10	0.03			6.84	10.81		3.18			Pass
				26/0		0.10	0.03			6.62	10.81		3.18			Pass
				52/37		0.10	0.03			6.79	10.81		3.18			Pass
				106/53		0.10	0.03			6.47	10.81		3.18			Pass
HE20	MCS0	2	116	Full	5580	0.10	0.03			6.80	10.81		3.18			Pass
HE20	MCS0	2	140	Full	5700	0.10	0.03			6.63	10.81		3.18			Pass
				26/8		0.10	0.03			6.35	10.81		3.18			Pass
				52/40		0.10	0.03			6.28	10.81		3.18			Pass
				106/54		0.10	0.03			6.38	10.81		3.18			Pass
HE20	MCS0	2	144	Full	5720	0.10	0.03			6.61	10.81		3.18			Pass
				26/8		0.10	0.03			6.48	10.81		3.18			Pass
				52/40		0.10	0.03			6.37	10.81		3.18			Pass
				106/54		0.10	0.03			6.56	10.81		3.18			Pass
HE40	MCS0	2	102	Full	5510	0.12	0.10			3.50	10.81		3.18			Pass
HE40	MCS0	2	110	Full	5550	0.12	0.10			3.30	10.81		3.18			Pass
HE40	MCS0	2	134	Full	5670	0.12	0.10			2.99	10.81		3.18			Pass
HE40	MCS0	2	142	Full	5710	0.12	0.10			3.37	10.81		3.18			Pass
HE80	MCS0	2	106	Full	5530	0.20	0.18			0.81	10.81		3.18			Pass
HE80	MCS0	2	122	Full	5610	0.20	0.18			0.21	10.81		3.18			Pass
HE80	MCS0	2	138	Full	5690	0.20	0.18			0.09	10.81		3.18			Pass

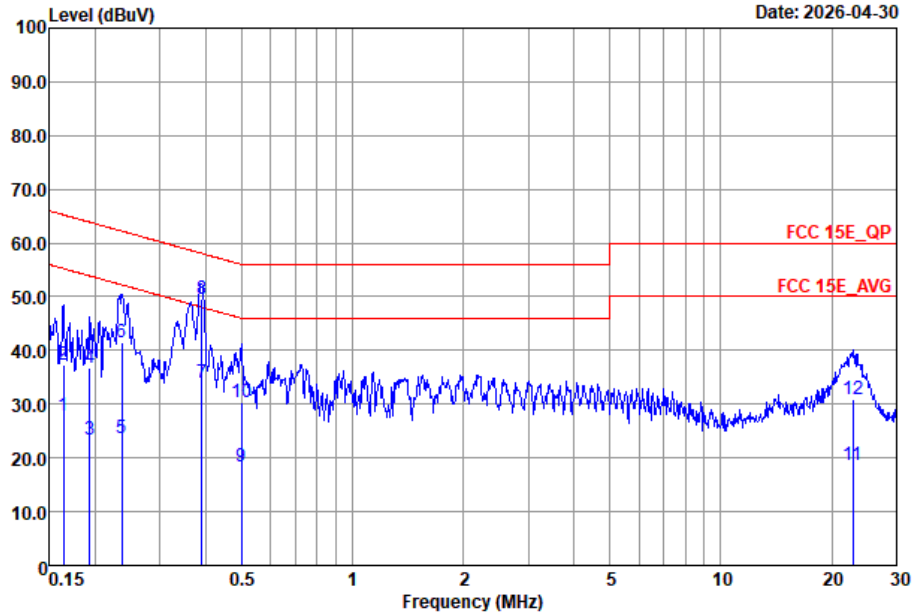
Report Number : FR610707D

TEST RESULTS DATA
Power Spectral Density

Band IV																	
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Worst+3.01	Ant1	Ant2	Ant1	Ant2	
11a	6Mbps	1	149	Full	5745	0.04	0.04	2.22	2.22	0.67	0.38		30.00	30.00	3.42	3.42	Pass
11a	6Mbps	1	157	Full	5785	0.04	0.04	2.22	2.22	0.64	0.58		30.00	30.00	3.42	3.42	Pass
11a	6Mbps	1	165	Full	5825	0.04	0.04	2.22	2.22	0.50	0.44		30.00	30.00	3.42	3.42	Pass
HT20	MCS0	2	149	Full	5745	0.00	0.00	2.22		1.07	0.31	4.08	30.00		3.42		Pass
HT20	MCS0	2	157	Full	5785	0.00	0.00	2.22		1.20	0.43	4.21	30.00		3.42		Pass
HT20	MCS0	2	165	Full	5825	0.00	0.00	2.22		1.05	0.20	4.06	30.00		3.42		Pass
HT40	MCS0	2	151	Full	5755	0.00	0.00	2.22		-2.54	-2.99	0.47	30.00		3.42		Pass
HT40	MCS0	2	159	Full	5795	0.00	0.00	2.22		-1.96	-2.97	1.05	30.00		3.42		Pass
VHT80	MCS0	2	155	Full	5775	0.04	0.04	2.22		-5.47	-5.89	-2.46	30.00		3.42		Pass
HE20	MCS0	2	149	Full	5745	0.00	0.00	2.22		1.12	0.54	4.13	30.00		3.42		Pass
HE20	MCS0	2	149	26/0	5745	0.00	0.00	2.22		0.56	0.25	3.57	30.00		3.42		Pass
HE20	MCS0	2	149	52/37	5745	0.00	0.00	2.22		0.34	0.18	3.35	30.00		3.42		Pass
HE20	MCS0	2	149	106/53	5745	0.00	0.00	2.22		0.56	0.14	3.57	30.00		3.42		Pass
HE20	MCS0	2	157	Full	5785	0.00	0.00	2.22		1.31	0.56	4.32	30.00		3.42		Pass
HE20	MCS0	2	165	Full	5825	0.00	0.00	2.22		1.18	0.38	4.19	30.00		3.42		Pass
HE20	MCS0	2	165	26/8	5825	0.00	0.00	2.22		0.35	0.25	3.36	30.00		3.42		Pass
HE20	MCS0	2	165	52/40	5825	0.00	0.00	2.22		0.44	0.07	3.45	30.00		3.42		Pass
HE20	MCS0	2	165	106/54	5825	0.00	0.00	2.22		1.12	-0.05	4.13	30.00		3.42		Pass
HE40	MCS0	2	151	Full	5755	0.00	0.00	2.22		-2.76	-3.39	0.25	30.00		3.42		Pass
HE40	MCS0	2	159	Full	5795	0.00	0.00	2.22		-2.43	-3.49	0.58	30.00		3.42		Pass
HE80	MCS0	2	155	Full	5775	0.05	0.00	2.22		-5.70	-6.18	-2.69	30.00		3.42		Pass

Appendix B. AC Conducted Emission Test Results

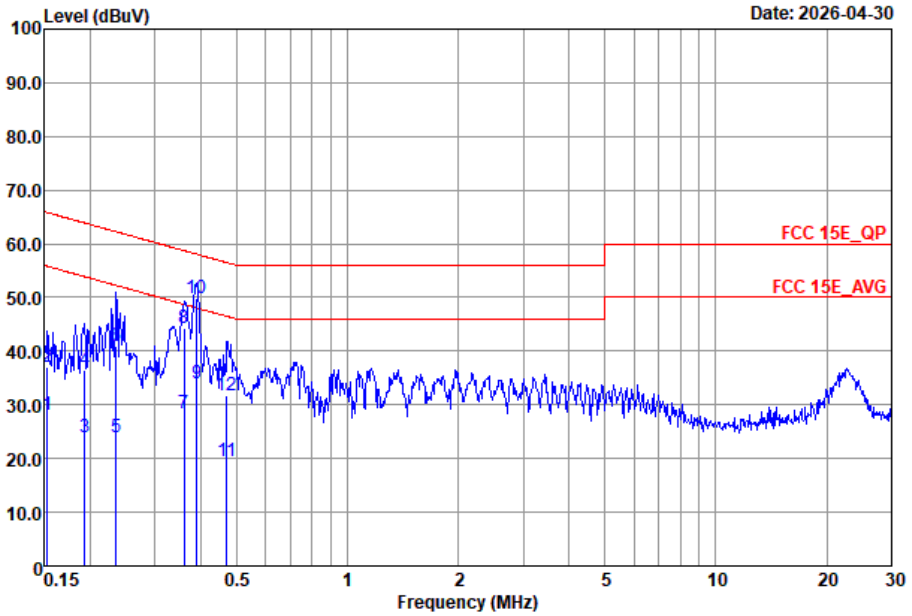
Test Engineer :	XuRuibin	**Temperature :**	22~24℃
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO02-SZ
Condition : FCC 15E_QP LISN-L_2026 LINE

		Freq MHz	Level dBuV	Over Limit dB	Limit Line dBuV	Read Level dBuV	LISN Factor dB	Cable Loss dB	Remark
1		0.16	27.82	-27.43	55.25	7.89	9.74	10.19	Average
2		0.16	37.32	-27.93	65.25	17.39	9.74	10.19	QP
3		0.19	23.50	-30.39	53.89	3.60	9.72	10.18	Average
4		0.19	36.70	-27.19	63.89	16.80	9.72	10.18	QP
5		0.24	23.71	-28.51	52.22	3.80	9.72	10.19	Average
6		0.24	41.61	-20.61	62.22	21.70	9.72	10.19	QP
7		0.39	34.06	-14.02	48.08	14.10	9.74	10.22	Average
8	*	0.39	49.66	-8.42	58.08	29.70	9.74	10.22	QP
9		0.50	18.27	-27.74	46.01	-1.70	9.73	10.24	Average
10		0.50	30.37	-25.64	56.01	10.40	9.73	10.24	QP
11		22.78	18.79	-31.21	50.00	-1.49	9.76	10.52	Average
12		22.78	30.79	-29.21	60.00	10.51	9.76	10.52	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-N_2026 NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	28.08	-27.74	55.82	8.10	9.79	10.19	Average
2	0.15	37.18	-28.64	65.82	17.20	9.79	10.19	QP
3	0.19	23.96	-29.93	53.89	4.00	9.78	10.18	Average
4	0.19	36.56	-27.33	63.89	16.60	9.78	10.18	QP
5	0.24	23.87	-28.39	52.26	3.90	9.78	10.19	Average
6	0.24	41.07	-21.19	62.26	21.10	9.78	10.19	QP
7	0.36	28.50	-20.24	48.74	8.50	9.78	10.22	Average
8	0.36	44.30	-14.44	58.74	24.30	9.78	10.22	QP
9	0.39	34.10	-13.98	48.08	14.11	9.77	10.22	Average
10 *	0.39	49.90	-8.18	58.08	29.91	9.77	10.22	QP
11	0.47	19.36	-27.13	46.49	-0.61	9.73	10.24	Average
12	0.47	31.86	-24.63	56.49	11.89	9.73	10.24	QP

Note:

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

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Wenbo Xiao	Relative Humidity :	50%
		Temperature :	20~22℃

Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	1	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	1	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	1	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-2A	5.25-5.35	1	802.11a	52	5260	6Mbps	-	-
Mode 5	U-NII-2A	5.25-5.35	1	802.11a	60	5300	6Mbps	-	-
Mode 6	U-NII-2A	5.25-5.35	1	802.11a	64	5320	6Mbps	-	-
Mode 7	U-NII-2C	5.47-5.725	1	802.11a	100	5500	6Mbps	-	-
Mode 8	U-NII-2C	5.47-5.725	1	802.11a	116	5580	6Mbps	-	-
Mode 9	U-NII-2C	5.47-5.725	1	802.11a	140	5700	6Mbps	-	-
Mode 10	U-NII-1	5.15-5.25	2	802.11a	36	5180	6Mbps	-	-
Mode 11	U-NII-1	5.15-5.25	2	802.11a	44	5220	6Mbps	-	-
Mode 12	U-NII-1	5.15-5.25	2	802.11a	48	5240	6Mbps	-	-
Mode 13	U-NII-2A	5.25-5.35	2	802.11a	52	5260	6Mbps	-	-
Mode 14	U-NII-2A	5.25-5.35	2	802.11a	60	5300	6Mbps	-	-
Mode 15	U-NII-2A	5.25-5.35	2	802.11a	64	5320	6Mbps	-	-
Mode 16	U-NII-2C	5.47-5.725	2	802.11a	100	5500	6Mbps	-	-
Mode 17	U-NII-2C	5.47-5.725	2	802.11a	116	5580	6Mbps	-	-
Mode 18	U-NII-2C	5.47-5.725	2	802.11a	140	5700	6Mbps	-	-
Mode 19	U-NII-1	5.15-5.25	1+2	802.11n HT20	36	5180	MCS0	-	-
Mode 20	U-NII-1	5.15-5.25	1+2	802.11n HT20	44	5220	MCS0	-	-
Mode 21	U-NII-1	5.15-5.25	1+2	802.11n HT20	48	5240	MCS0	-	-
Mode 22	U-NII-2A	5.25-5.35	1+2	802.11n HT20	52	5260	MCS0	-	-
Mode 23	U-NII-2A	5.25-5.35	1+2	802.11n HT20	60	5300	MCS0	-	-
Mode 24	U-NII-2A	5.25-5.35	1+2	802.11n HT20	64	5320	MCS0	-	-
Mode 25	U-NII-2C	5.47-5.725	1+2	802.11n HT20	100	5500	MCS0	-	-
Mode 26	U-NII-2C	5.47-5.725	1+2	802.11n HT20	116	5580	MCS0	-	-
Mode 27	U-NII-2C	5.47-5.725	1+2	802.11n HT20	140	5700	MCS0	-	-
Mode 28	U-NII-1	5.15-5.25	1+2	802.11n HT40	38	5190	MCS0	-	-
Mode 29	U-NII-1	5.15-5.25	1+2	802.11n HT40	46	5230	MCS0	-	-
Mode 30	U-NII-2A	5.25-5.35	1+2	802.11n HT40	54	5270	MCS0	-	-
Mode 31	U-NII-2A	5.25-5.35	1+2	802.11n HT40	62	5310	MCS0	-	-
Mode 32	U-NII-2C	5.47-5.725	1+2	802.11n HT40	102	5510	MCS0	-	-
Mode 33	U-NII-2C	5.47-5.725	1+2	802.11n HT40	134	5670	MCS0	-	-
Mode 34	U-NII-1	5.15-5.25	1+2	802.11ac VHT80	42	5210	MCS0	-	-
Mode 35	U-NII-2A	5.25-5.35	1+2	802.11ac VHT80	58	5290	MCS0	-	-
Mode 36	U-NII-2C	5.47-5.725	1+2	802.11ac VHT80	106	5530	MCS0	-	-
Mode 37	U-NII-2C	5.47-5.725	1+2	802.11ac VHT80	122	5610	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 38	U-NII-2C	5.47-5.725	1	802.11a	144	5720	6Mbps	-	-
Mode 39	U-NII-2C	5.47-5.725	2	802.11a	144	5720	6Mbps	-	-
Mode 40	U-NII-2C	5.47-5.725	1+2	802.11n HT20	144	5720	MCS0	Full RU	-
Mode 41	U-NII-1	5.15-5.25	1+2	802.11n HT40	142	5710	MCS0	Full RU	-
Mode 42	U-NII-2C	5.47-5.725	1+2	802.11ac VHT80	138	5690	MCS0	Full RU	-
Mode 43	U-NII-1	5.15-5.25	1+2	802.11ax HE20	36	5180	MCS0	Full RU	-
Mode 44	U-NII-1	5.15-5.25	1+2	802.11ax HE20	44	5220	MCS0	Full RU	-
Mode 45	U-NII-1	5.15-5.25	1+2	802.11ax HE20	48	5240	MCS0	Full RU	-
Mode 46	U-NII-2A	5.25-5.35	1+2	802.11ax HE20	52	5260	MCS0	Full RU	-
Mode 47	U-NII-2A	5.25-5.35	1+2	802.11ax HE20	60	5300	MCS0	Full RU	-
Mode 48	U-NII-2A	5.25-5.35	1+2	802.11ax HE20	64	5320	MCS0	Full RU	-
Mode 49	U-NII-2C	5.47-5.725	1+2	802.11ax HE20	100	5500	MCS0	Full RU	-
Mode 50	U-NII-2C	5.47-5.725	1+2	802.11ax HE20	116	5580	MCS0	Full RU	-
Mode 51	U-NII-2C	5.47-5.725	1+2	802.11ax HE20	140	5700	MCS0	Full RU	-
Mode 52	U-NII-1	5.15-5.25	1+2	802.11ax HE40	38	5190	MCS0	Full RU	-
Mode 53	U-NII-1	5.15-5.25	1+2	802.11ax HE40	46	5230	MCS0	Full RU	-
Mode 54	U-NII-2A	5.25-5.35	1+2	802.11ax HE40	54	5270	MCS0	Full RU	-
Mode 55	U-NII-2A	5.25-5.35	1+2	802.11ax HE40	62	5310	MCS0	Full RU	-
Mode 56	U-NII-2C	5.47-5.725	1+2	802.11ax HE40	102	5510	MCS0	Full RU	-
Mode 57	U-NII-2C	5.47-5.725	1+2	802.11ax HE40	134	5670	MCS0	Full RU	-
Mode 58	U-NII-1	5.15-5.25	1+2	802.11ax HE80	42	5210	MCS0	Full RU	-
Mode 59	U-NII-2A	5.25-5.35	1+2	802.11ax HE80	58	5290	MCS0	Full RU	-
Mode 60	U-NII-2C	5.47-5.725	1+2	802.11ax HE80	106	5530	MCS0	Full RU	-
Mode 61	U-NII-2C	5.47-5.725	1+2	802.11ax HE80	122	5610	MCS0	Full RU	-
Mode 62	Straddle channels	5.47-5.85	1+2	802.11ax HE20	144	5720	MCS0	Full RU	-
Mode 63	Straddle channels	5.47-5.85	1+2	802.11ax HE40	142	5710	MCS0	Full RU	-
Mode 64	Straddle channels	5.47-5.85	1+2	802.11ax HE80	138	5690	MCS0	Full RU	-
Mode 65	U-NII-1	5.15-5.25	1+2	802.11ax HE20	36	5180	MCS0	Partial RU 52/37	-
Mode 66	U-NII-2A	5.25-5.35	1+2	802.11ax HE20	64	5320	MCS0	Partial RU 106/54	-
Mode 67	U-NII-2C	5.47-5.725	1+2	802.11ax HE20	100	5500	MCS0	Partial RU 52/37	-
Mode 68	U-NII-2C	5.47-5.725	1+2	802.11ax HE20	140	5700	MCS0	Partial RU 106/54	-
Mode 69	U-NII-3	5.725-5.85	1	802.11a	149	5745	6Mbps	-	-
Mode 70	U-NII-3	5.725-5.85	1	802.11a	157	5785	6Mbps	-	-
Mode 71	U-NII-3	5.725-5.85	1	802.11a	165	5825	6Mbps	-	-
Mode 72	U-NII-3	5.725-5.85	2	802.11a	149	5745	6Mbps	-	-
Mode 73	U-NII-3	5.725-5.85	2	802.11a	157	5785	6Mbps	-	-
Mode 74	U-NII-3	5.725-5.85	2	802.11a	165	5825	6Mbps	-	-
Mode 75	U-NII-3	5.725-5.85	1+2	802.11n HT20	149	5745	MCS0	-	-
Mode 76	U-NII-3	5.725-5.85	1+2	802.11n HT20	157	5785	MCS0	-	-
Mode 77	U-NII-3	5.725-5.85	1+2	802.11n HT20	165	5825	MCS0	-	-
Mode 78	U-NII-3	5.725-5.85	1+2	802.11n HT40	151	5755	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 79	U-NII-3	5.725-5.85	1+2	802.11n HT40	159	5795	MCS0	-	-
Mode 80	U-NII-3	5.725-5.85	1+2	802.11ac VHT80	155	5775	MCS0	-	-
Mode 81	U-NII-3	5.725-5.85	1+2	802.11ax HE20	149	5745	MCS0	Full RU	-
Mode 82	U-NII-3	5.725-5.85	1+2	802.11ax HE20	157	5785	MCS0	Full RU	-
Mode 83	U-NII-3	5.725-5.85	1+2	802.11ax HE20	165	5825	MCS0	Full RU	-
Mode 84	U-NII-3	5.725-5.85	1+2	802.11ax HE40	151	5755	MCS0	Full RU	-
Mode 85	U-NII-3	5.725-5.85	1+2	802.11ax HE40	159	5795	MCS0	Full RU	-
Mode 86	U-NII-3	5.725-5.85	1+2	802.11ax HE80	155	5775	MCS0	Full RU	-
Mode 87	U-NII-3	5.725-5.85	1+2	802.11ax HE20	149	5745	MCS0	Partial RU 26/0	-
Mode 88	U-NII-3	5.725-5.85	1+2	802.11ax HE20	165	5825	MCS0	Partial RU 106/54	-
Mode 89	U-NII-2A	5.25-5.35	1+2	802.11n HT40-LF	62	5310	MCS0	-	LF
Mode 90	U-NII-3	5.725-5.85	1+2	802.11ax HE20-LF	149	5745	MCS0	Full RU	LF

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	5026.82	43.01	54.00	-10.99	H	AVERAGE	Pass	Band Edge
1	802.11a	36	6906.00	48.94	68.30	-19.36	H	Peak	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
2	802.11a	44	6958.00	48.38	68.30	-19.92	H	Peak	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
3	802.11a	48	6986.00	49.12	68.30	-19.18	H	Peak	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
4	802.11a	52	7011.00	48.00	68.30	-20.30	H	Peak	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
5	802.11a	60	7066.00-	48.60	68.30	-19.70	H	Peak	Pass	Harmonic
6	802.11a	64	5453.84	42.86	54.00	-11.14	H	AVERAGE	Pass	Band Edge
6	802.11a	64	15960.00	49.26	74.00	-24.74	H	Peak	Pass	Harmonic
7	802.11a	100	5454.55	43.34	54.00	-10.66	H	AVERAGE	Pass	Band Edge
7	802.11a	100	16500.00	47.52	68.30	-20.78	H	Peak	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
8	802.11a	116	16740.00	49.65	68.30	-18.65	H	Peak	Pass	Harmonic
9	802.11a	140	5731.46	54.12	68.30	-14.18	V	PEAK	Pass	Band Edge
9	802.11a	140	17100.00	49.94	68.30	-18.36	H	Peak	Pass	Harmonic
10	802.11a	36	5149.40	42.55	54.00	-11.45	H	AVERAGE	Pass	Band Edge
10	802.11a	36	6906.00	51.42	68.30	-16.88	H	Peak	Pass	Harmonic
11	802.11a	44	-	-	-	-	-	-	-	Band Edge
	802.11a	44	6958.00	52.08	68.30	-16.22	H	Peak	Pass	Harmonic
12	802.11a	48	-	-	-	-	-	-	-	Band Edge
12	802.11a	48	6983.00	51.63	68.30	-16.67	H	Peak	Pass	Harmonic
13	802.11a	52	-	-	-	-	-	-	-	Band Edge
13	802.11a	52	7039.00	52.64	68.30	-15.66	H	Peak	Pass	Harmonic
14	802.11a	60	-	-	-	-	-	-	-	Band Edge
14	802.11a	60	7066.00	52.52	68.30	-15.78	H	Peak	Pass	Harmonic
15	802.11a	64	5350.66	42.79	54.00	-11.21	H	AVERAGE	Pass	Band Edge
15	802.11a	64	7093.00	51.13	68.30	-17.17	H	Peak	Pass	Harmonic
16	802.11a	100	5459.65	43.85	54.00	-10.15	H	AVERAGE	Pass	Band Edge
16	802.11a	100	16500.00	49.31	68.30	-18.99	V	Peak	Pass	Harmonic
17	802.11a	116	-	-	-	-	-	-	-	Band Edge
17	802.11a	116	7811.00	50.18	68.30	-18.12	H	Peak	Pass	Harmonic
18	802.11a	140	5758.63	55.15	68.30	-13.15	H	PEAK	Pass	Band Edge
18	802.11a	140	7979.00	49.41	68.30	-18.89	H	Peak	Pass	Harmonic
19	802.11n HT20	36	5022.86	45.10	54.00	-8.90	H	AVERAGE	Pass	Band Edge
19	802.11n HT20	36	6906.00	53.20	68.30	-15.10	H	Peak	Pass	Harmonic
20	802.11n HT20	44	-	-	-	-	-	-	-	Band Edge
20	802.11n HT20	44	6960.00	53.01	68.30	-15.29	H	Peak	Pass	Harmonic
21	802.11n HT20	48	-	-	-	-	-	-	-	Band Edge
21	802.11n HT20	48	6986.00	53.07	68.30	-15.23	H	Peak	Pass	Harmonic
22	802.11n HT20	52	-	-	-	-	-	-	-	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
22	802.11n HT20	52	7013.00	53.55	68.30	-14.75	H	Peak	Pass	Harmonic
23	802.11n HT20	60	-	-	-	-	-	-	-	Band Edge
23	802.11n HT20	60	7066.00	53.01	68.30	-15.29	H	Peak	Pass	Harmonic
24	802.11n HT20	64	5351.50	43.98	54.00	-10.02	H	AVERAGE	Pass	Band Edge
24	802.11n HT20	64	7093.00	53.42	68.30	-14.88	H	Peak	Pass	Harmonic
25	802.11n HT20	100	5459.65	44.90	54.00	-9.10	H	AVERAGE	Pass	Band Edge
25	802.11n HT20	100	16500.00	49.93	68.30	-18.37	H	Peak	Pass	Harmonic
26	802.11n HT20	116	-	-	-	-	-	-	-	Band Edge
26	802.11n HT20	116	16740.00	49.61	68.30	-18.69	H	Peak	Pass	Harmonic
27	802.11n HT20	140	5734.58	55.73	68.30	-12.57	H	PEAK	Pass	Band Edge
27	802.11n HT20	140	17100.00	50.28	68.30	-18.02	H	Peak	Pass	Harmonic
28	802.11n HT40	38	5147.06	45.50	54.00	-8.50	H	AVERAGE	Pass	Band Edge
28	802.11n HT40	38	6919.00	53.45	68.30	-14.85	H	Peak	Pass	Harmonic
29	802.11n HT40	46	5350.06	43.71	54.00	-10.29	H	AVERAGE	Pass	Band Edge
29	802.11n HT40	46	6973.00	53.29	68.30	-15.01	H	Peak	Pass	Harmonic
30	802.11n HT40	54	5372.03	44.21	54.00	-9.79	H	AVERAGE	Pass	Band Edge
30	802.11n HT40	54	7026.00	53.03	68.30	-15.27	H	Peak	Pass	Harmonic
31	802.11n HT40	62	5351.40	48.36	54.00	-5.64	H	AVERAGE	Pass	Band Edge
31	802.11n HT40	62	7080.00	53.56	68.30	-14.74	H	Peak	Pass	Harmonic
32	802.11n HT40	102	5459.76	46.35	54.00	-7.65	H	AVERAGE	Pass	Band Edge
32	802.11n HT40	102	16530.00	49.87	68.30	-18.43	V	Peak	Pass	Harmonic
33	802.11n HT40	134	5459.44	43.31	54.00	-10.69	H	AVERAGE	Pass	Band Edge
33	802.11n HT40	134	17010.00	49.44	68.30	-18.86	V	Peak	Pass	Harmonic
34	802.11ac VHT80	42	5147.63	44.88	54.00	-9.12	H	AVERAGE	Pass	Band Edge
34	802.11ac VHT80	42	6946.00	53.14	68.30	-15.16	H	Peak	Pass	Harmonic
35	802.11ac VHT80	58	5350.01	43.99	54.00	-10.01	H	AVERAGE	Pass	Band Edge
35	802.11ac VHT80	58	7053.00	53.62	68.30	-14.68	H	Peak	Pass	Harmonic
36	802.11ac VHT80	106	5456.74	46.76	54.00	-7.24	H	AVERAGE	Pass	Band Edge
36	802.11ac VHT80	106	16590.00	49.74	68.30	-18.56	H	Peak	Pass	Harmonic
37	802.11ac VHT80	122	5456.34	44.38	54.00	-9.62	H	AVERAGE	Pass	Band Edge
37	802.11ac VHT80	122	16830.00	49.47	68.30	-18.83	H	Peak	Pass	Harmonic
38	802.11a	144	-	-	-	-	-	-	-	Band Edge
38	802.11a	144	17160.00	49.34	68.30	-18.96	H	Peak	Pass	Harmonic
39	802.11a	144	-	-	-	-	-	-	-	Band Edge
39	802.11a	144	7160.00	49.31	68.30	-18.99	H	Peak	Pass	Harmonic
40	802.11n HT20	144	5460.00	44.51	54.00	-9.49	H	Average	Pass	Band Edge
40	802.11n HT20	144	17160.00	49.45	68.30	-18.85	H	Peak	Pass	Harmonic
41	802.11n HT40	142	5460.00	43.60	54.00	-10.40	H	Average	Pass	Band Edge
41	802.11n HT40	142	17130.00	50.80	68.30	-17.50	V	Peak	Pass	Harmonic
42	802.11ac VHT80	138	5460.00	43.86	54.00	-10.14	H	Average	Pass	Band Edge
42	802.11ac VHT80	138	17070.00	46.84	68.30	-21.46	V	Peak	Pass	Harmonic
43	802.11ax HE20	36	5025.92	43.68	54.00	-10.32	H	AVERAGE	Pass	Band Edge
43	802.11ax HE20	36	6906.00	54.51	68.30	-13.79	H	Peak	Pass	Harmonic
44	802.11ax HE20	44	-	-	-	-	-	-	-	Band Edge
44	802.11ax HE20	44	6960.00	54.11	68.30	-14.19	H	Peak	Pass	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
45	802.11ax HE20	48	-	-	-	-	-	-	-	Band Edge
45	802.11ax HE20	48	6986.00	50.83	68.30	-17.47	V	Peak	Pass	Harmonic
46	802.11ax HE20	52	-	-	-	-	-	-	-	Band Edge
46	802.11ax HE20	52	7039.00	52.06	68.30	-16.24	H	Peak	Pass	Harmonic
47	802.11ax HE20	60	-	-	-	-	-	-	-	Band Edge
47	802.11ax HE20	60	7066.00	51.25	68.30	-17.05	H	Peak	Pass	Harmonic
48	802.11ax HE20	64	5352.20	45.33	54.00	-8.67	H	AVERAGE	Pass	Band Edge
48	802.11ax HE20	64	7091	51.12	68.30	-17.18	H	Peak	Pass	Harmonic
49	802.11ax HE20	100	5458.60	44.86	54.00	-9.14	H	AVERAGE	Pass	Band Edge
49	802.11ax HE20	100	16500.00	48.28	68.30	-20.02	H	Peak	Pass	Harmonic
50	802.11ax HE20	116	-	-	-	-	-	-	-	Band Edge
50	802.11ax HE20	116	16740.00	49.46	68.30	-18.84	V	Peak	Pass	Harmonic
51	802.11ax HE20	140	5725.03	56.30	68.30	-12.00	H	PEAK	Pass	Band Edge
51	802.11ax HE20	140	17100.00	48.86	68.30	-19.44	V	Peak	Pass	Harmonic
52	802.11ax HE40	38	5149.91	43.97	54.00	-10.03	H	AVERAGE	Pass	Band Edge
52	802.11ax HE40	38	6920.00	53.43	68.30	-14.87	H	Peak	Pass	Harmonic
53	802.11ax HE40	46	5350.06	43.78	54.00	-10.22	H	AVERAGE	Pass	Band Edge
53	802.11ax HE40	46	6971.00	53.09	68.30	-15.21	H	Peak	Pass	Harmonic
54	802.11ax HE40	54	5379.82	43.63	54.00	-10.37	H	AVERAGE	Pass	Band Edge
54	802.11ax HE40	54	7026.00	52.35	68.30	-15.95	H	Peak	Pass	Harmonic
55	802.11ax HE40	62	5351.70	47.52	54.00	-6.48	H	AVERAGE	Pass	Band Edge
55	802.11ax HE40	62	7078.00	51.38	68.30	-16.92	H	Peak	Pass	Harmonic
56	802.11ax HE40	102	5459.44	45.99	54.00	-8.01	H	AVERAGE	Pass	Band Edge
56	802.11ax HE40	102	16530.00	48.53	68.30	-19.77	V	Peak	Pass	Harmonic
57	802.11ax HE40	134	5454.64	42.71	54.00	-11.29	H	AVERAGE	Pass	Band Edge
57	802.11ax HE40	134	7938.00	50.43	68.30	-17.87	H	Peak	Pass	Harmonic
58	802.11ax HE80	42	5147.84	45.84	54.00	-8.16	H	AVERAGE	Pass	Band Edge
58	802.11ax HE80	42	6944.00	53.71	68.30	-14.59	H	Peak	Pass	Harmonic
59	802.11ax HE80	58	5352.39	47.28	54.00	-6.72	H	AVERAGE	Pass	Band Edge
59	802.11ax HE80	58	7051.00	51.88	68.30	-16.42	H	Peak	Pass	Harmonic
60	802.11ax HE80	106	5459.26	47.76	54.00	-6.24	H	AVERAGE	Pass	Band Edge
60	802.11ax HE80	106	7742.00	37.50	54.00	-16.50	H	AVERAGE	Pass	Harmonic
61	802.11ax HE80	122	5456.34	45.60	54.00	-8.40	H	AVERAGE	Pass	Band Edge
61	802.11ax HE80	122	7848.00	50.59	68.30	-17.71	H	Peak	Pass	Harmonic
62	802.11ax HE20	144	5457.25	43.30	54.00	-10.70	H	Average	Pass	Band Edge
62	802.11ax HE20	144	8008.00	51.42	68.30	-16.88	H	Peak	Pass	Harmonic
63	802.11ax HE40	142	5458.35	43.34	54.00	-10.66	H	Average	Pass	Band Edge
63	802.11ax HE40	142	7994.00	49.09	68.30	-19.21	H	Peak	Pass	Harmonic
64	802.11ax HE80	138	5459.45	43.52	54.00	-10.48	H	Average	Pass	Band Edge
64	802.11ax HE80	138	7966.00	48.85	68.30	-19.45	H	Peak	Pass	Harmonic
65	802.11ax HE20	36	5017.64	45.75	54.00	-8.25	H	AVERAGE	Pass	Band Edge
65	802.11ax HE20	36	-	-	-	-	-	-	-	Harmonic
66	802.11ax HE20	64	5350.38	46.49	54.00	-7.51	H	AVERAGE	Pass	Band Edge
66	802.11ax HE20	64	-	-	-	-	-	-	-	Harmonic
67	802.11ax HE20	100	5458.60	44.71	54.00	-9.29	H	AVERAGE	Pass	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
67	802.11ax HE20	100	-	-	-	-	-	-	-	Harmonic
68	802.11ax HE20	140	5727.30	57.33	68.30	-10.97	H	PEAK	Pass	Band Edge
68	802.11ax HE20	140	-	-	-	-	-	-	-	Harmonic
69	802.11a	149	5634.37	53.73	68.30	-14.57	V	PEAK	Pass	Band Edge
69	802.11a	149	8043.00	39.61	54.00	-14.39	H	Peak	Pass	Harmonic
70	802.11a	157	-	-	-	-	-	-	-	Band Edge
70	802.11a	157	8099..00	39.69	54.00	-14.31	H	AVERAGE	Pass	Harmonic
71	802.11a	165	5947.25	53.70	68.30	-14.60	H	PEAK	Pass	Band Edge
71	802.11a	165	7766.00	49.69	68.30	-18.61	V	Peak	Pass	Harmonic
72	802.11a	149	5647.13	54.13	68.30	-14.17	V	PEAK	Pass	Band Edge
72	802.11a	149	8043.00	40.62	54.00	-13.38	H	AVERAGE	Pass	Harmonic
73	802.11a	157	-	-	-	-	-	-	-	Band Edge
73	802.11a	157	8099.00	39.78	54.00	-14.22	H	Peak	Pass	Harmonic
74	802.11a	165	5947.75	53.92	68.30	-14.38	V	PEAK	Pass	Band Edge
74	802.11a	165	7766.00	49.91	68.30	-18.39	H	Peak	Pass	Harmonic
75	802.11n HT20	149	5633.21	54.10	68.30	-14.20	H	PEAK	Pass	Band Edge
75	802.11n HT20	149	8043.00	40.18	54.00	-13.82	H	AVERAGE	Pass	Harmonic
76	802.11n HT20	157	-	-	-	-	-	-	-	Band Edge
76	802.11n HT20	157	8099.00	40.23	54.00	-13.77	H	AVERAGE	Pass	Harmonic
77	802.11n HT20	165	5947.88	54.62	68.30	-13.68	H	PEAK	Pass	Band Edge
77	802.11n HT20	165	7766.00	49.01	68.30	-19.29	H	Peak	Pass	Harmonic
78	802.11n HT40	151	5622.17	55.39	68.30	-12.91	H	PEAK	Pass	Band Edge
78	802.11n HT40	151	8057.00	39.64	54.00	-14.36	H	Peak	Pass	Harmonic
79	802.11n HT40	159	5638.22	55.19	68.30	-13.11	H	PEAK	Pass	Band Edge
79	802.11n HT40	159	8113.00	39.15	54.00	-14.85	H	AVERAGE	Pass	Harmonic
80	802.11ac VHT80	155	5620.13	54.86	68.30	-13.44	H	PEAK	Pass	Band Edge
80	802.11ac VHT80	155	17325.00	47.82	68.30	-20.48	V	Peak	Pass	Harmonic
81	802.11ax HE20	149	5601.02	54.25	68.30	-14.05	H	PEAK	Pass	Band Edge
81	802.11ax HE20	149	8045.00	42.42	54.00	-11.58	H	AVERAGE	Pass	Harmonic
82	802.11ax HE20	157	-	-	-	-	-	-	-	Band Edge
82	802.11ax HE20	157	8099.00	41.36	54.00	-12.64	H	AVERAGE	Pass	Harmonic
83	802.11ax HE20	165	5930.25	55.17	68.30	-13.13	H	PEAK	Pass	Band Edge
83	802.11ax HE20	165	7766.00	49.74	68.30	-18.56	H	Peak	Pass	Harmonic
84	802.11ax HE40	151	5617.36	55.41	68.30	-12.89	H	PEAK	Pass	Band Edge
84	802.11ax HE40	151	8058.00	39.56	54.00	-14.44	H	AVERAGE	Pass	Harmonic
85	802.11ax HE40	159	5638.81	55.19	68.30	-13.11	H	PEAK	Pass	Band Edge
85	802.11ax HE40	159	9851.00	51.45	68.30	-16.85	H	Peak	Pass	Harmonic
86	802.11ax HE80	155	5927.60	54.86	68.30	-13.44	H	PEAK	Pass	Band Edge
86	802.11ax HE80	155	17325.00	49.11	68.30	-19.19	V	Peak	Pass	Harmonic
87	802.11ax HE20	149	5617.69	56.04	68.30	-12.26	V	PEAK	Pass	Band Edge
87	802.11ax HE20	149	-	-	-	-	-	-	-	Harmonic
88	802.11ax HE20	165	5925.75	56.54	68.30	-11.76	V	PEAK	Pass	Band Edge
88	802.11ax HE20	165	-	-	-	-	-	-	-	Harmonic
89	802.11n HT40-LF	62	38.73	32.34	40.00	-7.66	V	PEAK	Pass	LF

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
90	802.11ax HE20-LF	149	38.73	32.22	40.00	-7.78	V	PEAK	Pass	LF

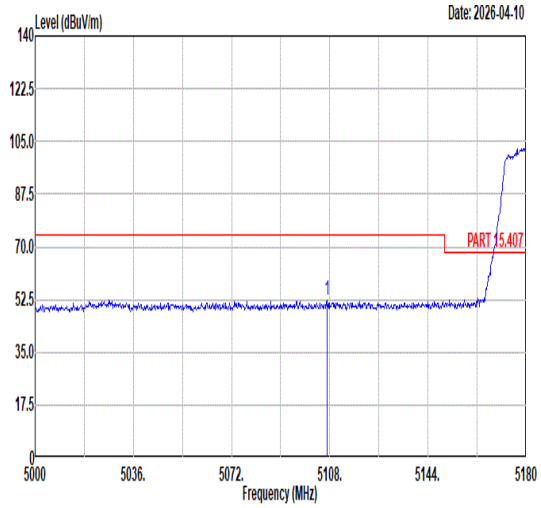
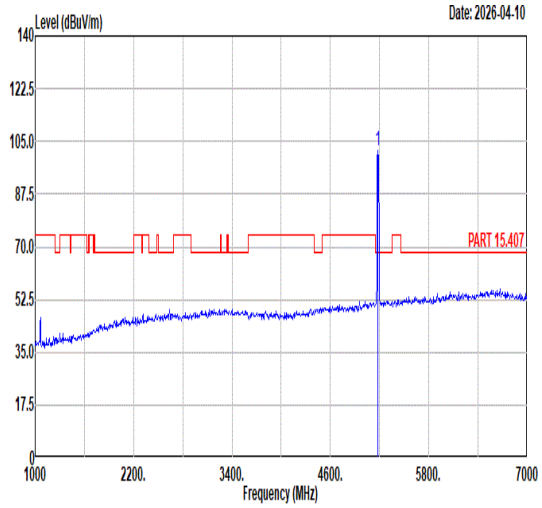
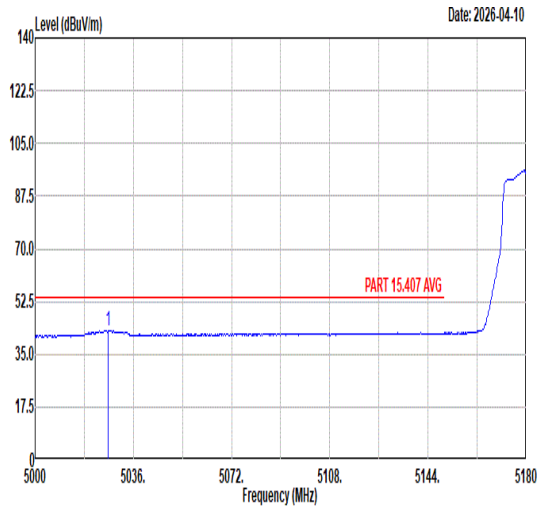
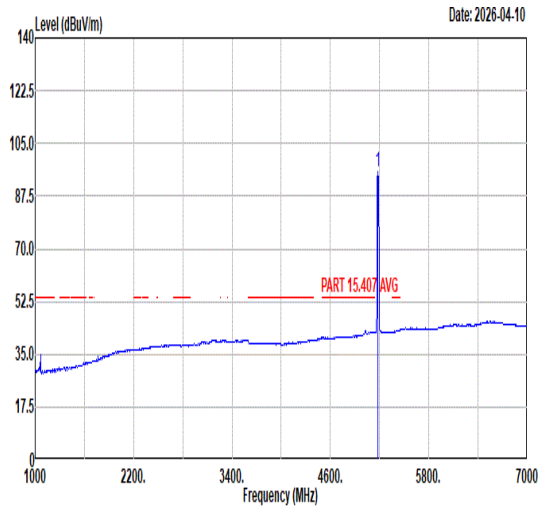
Co-location

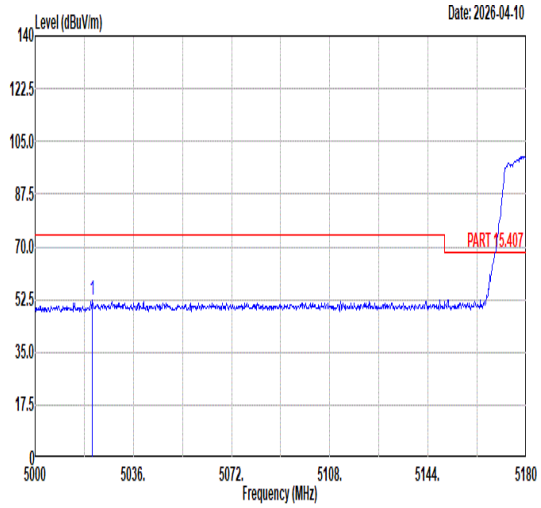
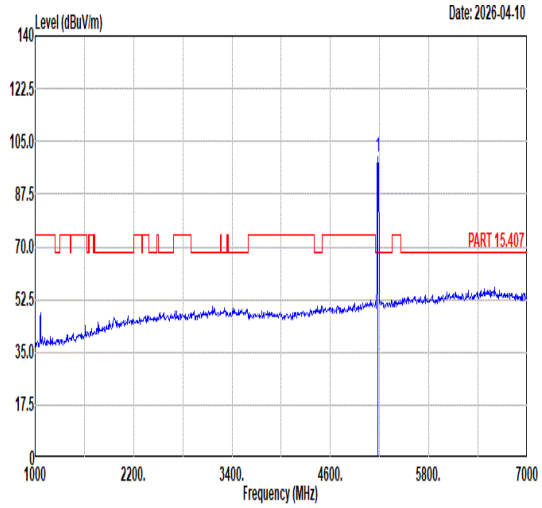
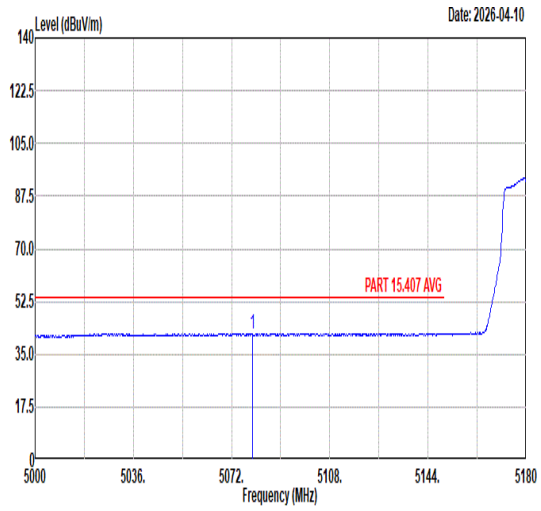
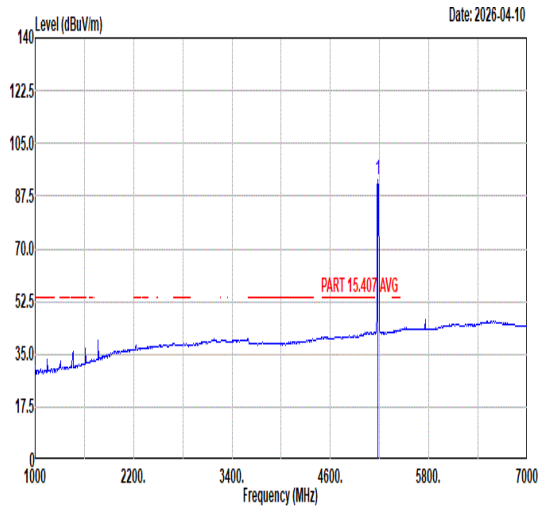
Radiated Spurious Emission Test Modes

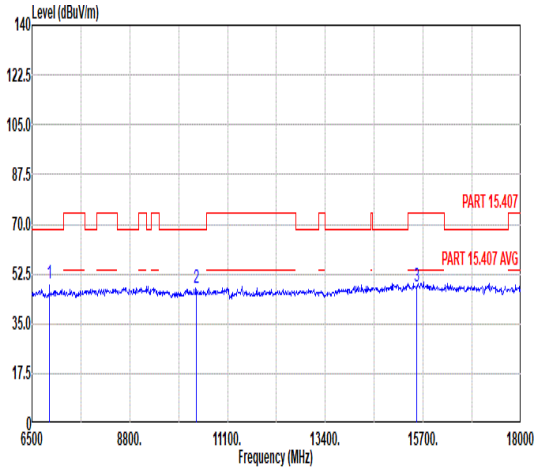
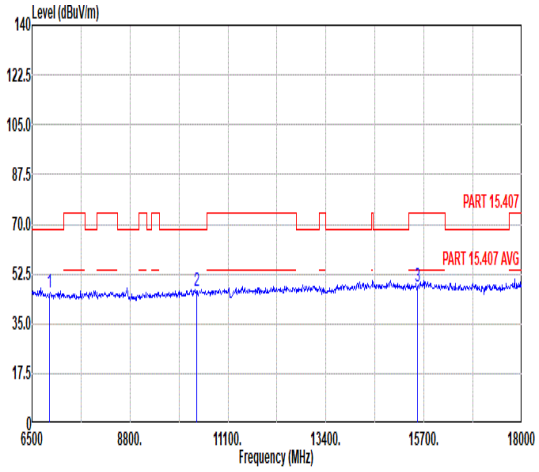
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 91	CO_TX	5.25-5.35	1+2	802.11n HT40	62	5310	MCS0	Full RU	-
		2.4G	3	BLE-2M	39	2480			
Mode 92	CO_TX	5.25-5.35	1+2	802.11n HT40	62	5310	MCS0	Full RU	-
		2.4G	1+2	802.11n HT40	03	2422	MCS0	Full RU	

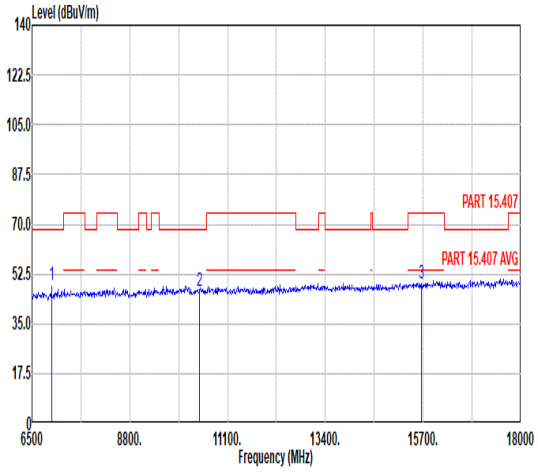
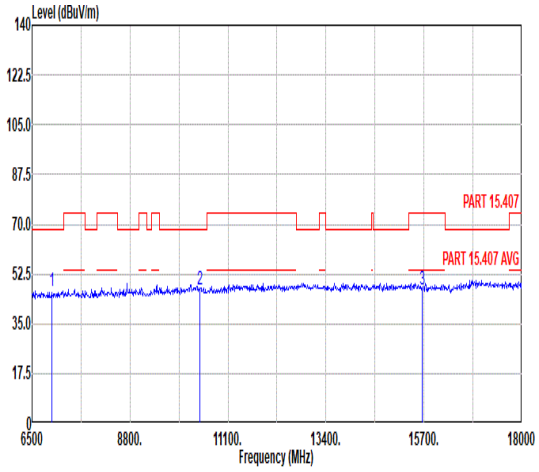
Summary of each worse mode

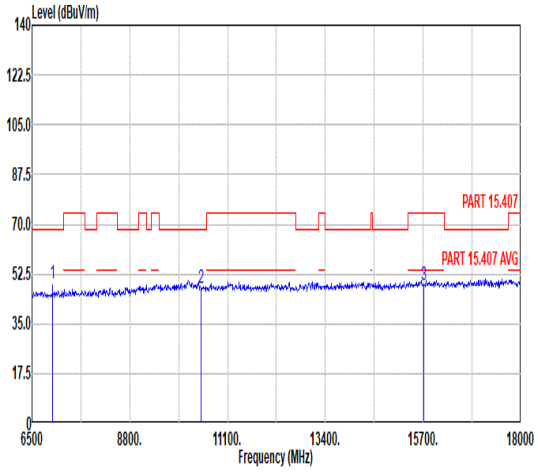
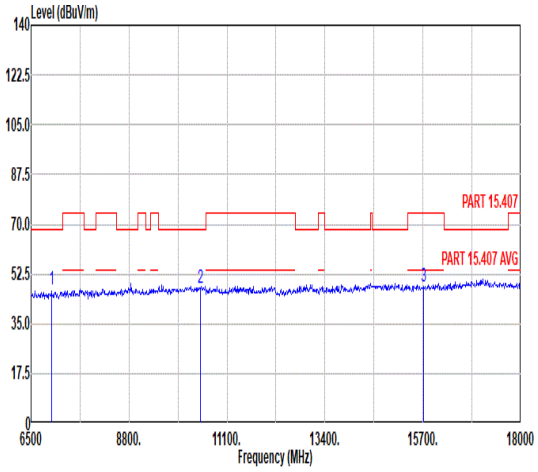
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
Mode 91	802.11n HT40	62	5352.96	50.77	54.00	-3.23	H	Average	Pass	Band Edge
	802.11n HT40	62	7075.00	53.32	68.30	-14.98	H	Peak	Pass	Harmonic
	Bluetooth-LE _GFSK	39	2483.52	50.01	54.00	-3.99	H	AVERAGE	Pass	Band Edge
	Bluetooth-LE _GFSK	39	7440.00	45.92	74.00	-28.08	H	Peak	Pass	Harmonic
Mode 92	802.11n HT40	62	5351.28	47.50	54.00	-6.50	H	Peak	Pass	Band Edge
	802.11n HT40	62	7080.00	53.61	68.30	-14.69	H	Peak	Pass	Harmonic
	802.11n HT40	03	2489.94	49.08	54.00	-4.92	H	AVERAGE	Pass	Band Edge
	802.11n HT40	03	4245.00	39.89	54.00	-14.11	V	AVERAGE	Pass	Harmonic

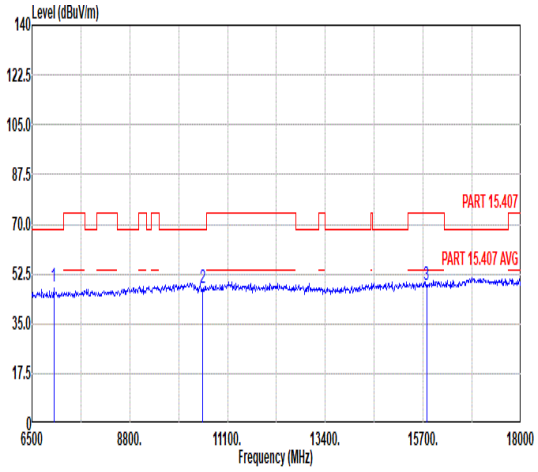
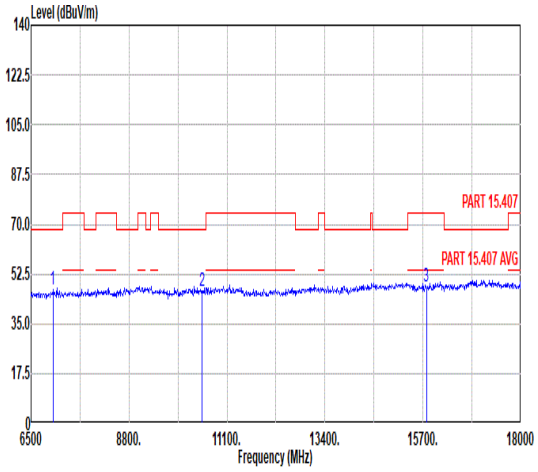
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5106.92 52.44 74.00 -21.56 37.72 34.26 11.20 30.74 182 98 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 5180.00 102.18 ------ ------ 87.16 34.31 11.40 30.69 182 98 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 5026.82 43.01 54.00 -10.99 28.59 34.22 10.99 30.79 182 98 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 95.68 ------ ------ 80.66 34.31 11.40 30.69 182 98 AVERAGE

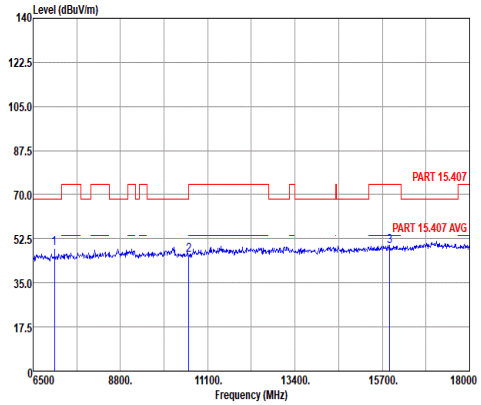
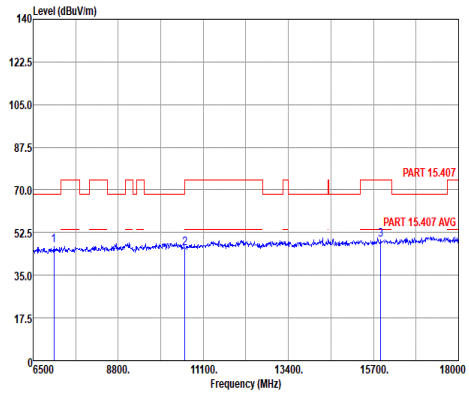
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5021.06 52.46 74.00 -21.54 38.07 34.21 10.97 30.79 306 148 PEAK	 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 99.83 ------ ------ 84.81 34.31 11.40 30.69 306 148 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 5079.74 41.81 54.00 -12.19 27.18 34.25 11.13 30.75 306 148 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 93.19 ------ ------ 78.17 34.31 11.40 30.69 306 148 AVERAGE

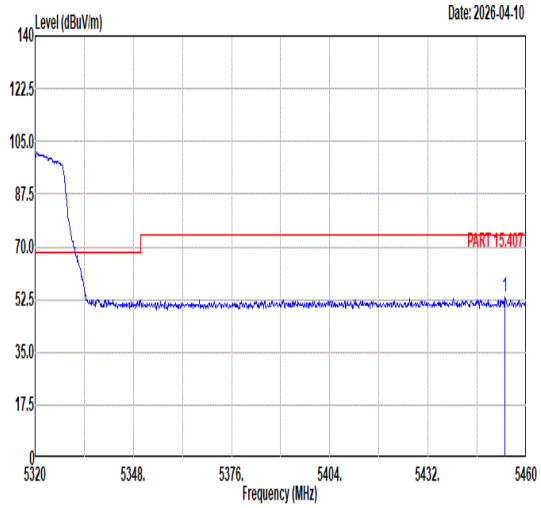
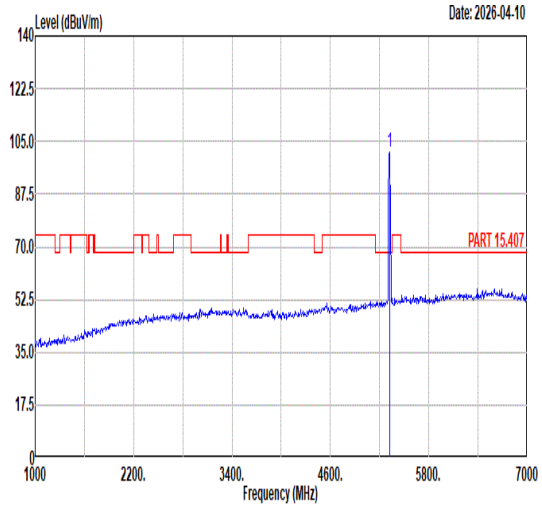
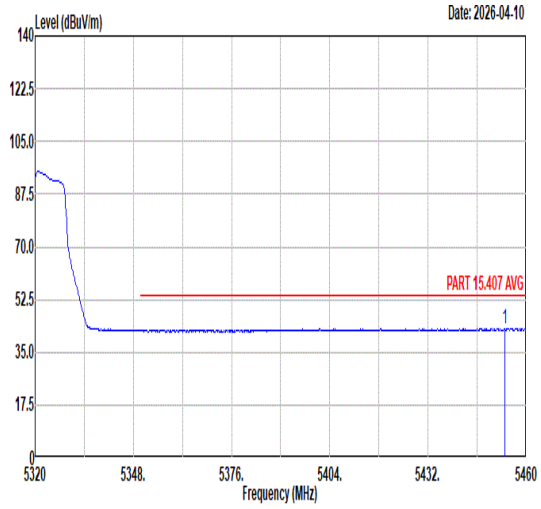
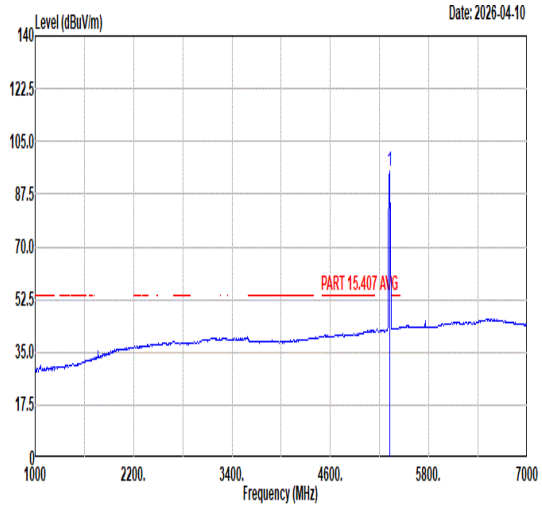
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6906.00 48.94 68.30 -19.36 65.13 35.70 13.08 64.97 139 235 Peak 2 10360.00 47.33 68.30 -20.97 57.68 37.52 16.03 63.90 --- --- Peak 3 15540.00 48.12 74.00 -25.88 51.95 40.25 19.52 63.60 --- --- 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 6906.00 46.01 68.30 -22.29 62.20 35.70 13.08 64.97 189 360 Peak 2 10360.00 46.53 68.30 -21.77 56.88 37.52 16.03 63.90 --- --- Peak 3 15540.00 48.27 74.00 -25.73 52.10 40.25 19.52 63.60 --- --- Peak

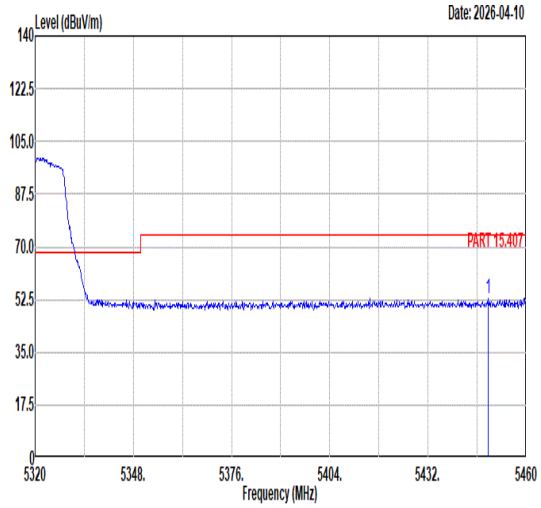
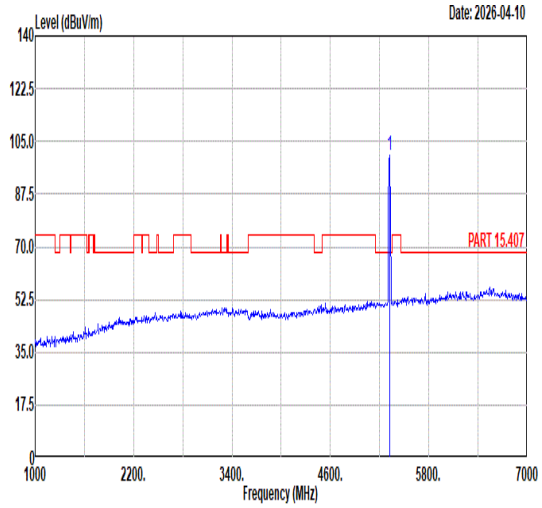
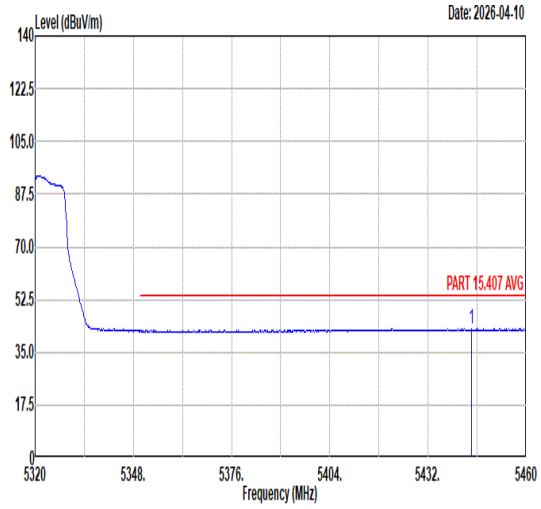
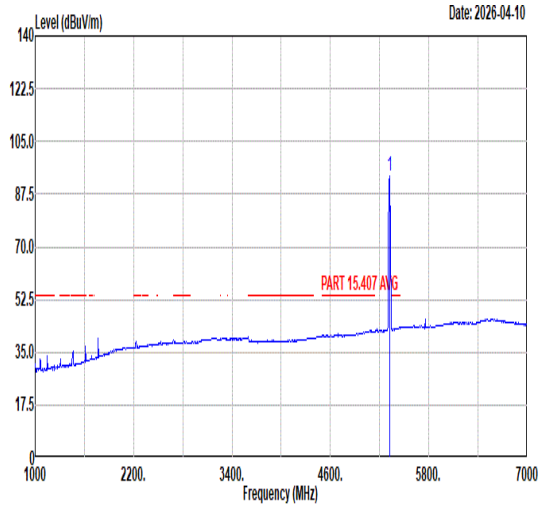
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6958.00 48.38 68.30 -19.92 64.60 35.70 13.12 65.04 100 235 Peak 2 10440.00 46.68 68.30 -21.62 56.97 37.56 16.05 63.90 --- --- Peak 3 15660.00 48.94 74.00 -25.06 52.84 40.39 19.59 63.88 --- --- 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 6958.00 46.28 68.30 -22.02 62.50 35.70 13.12 65.04 100 152 Peak 2 10440.00 47.08 68.30 -21.22 57.37 37.56 16.05 63.90 --- --- Peak 3 15660.00 47.03 74.00 -26.97 50.93 40.39 19.59 63.88 --- --- Peak

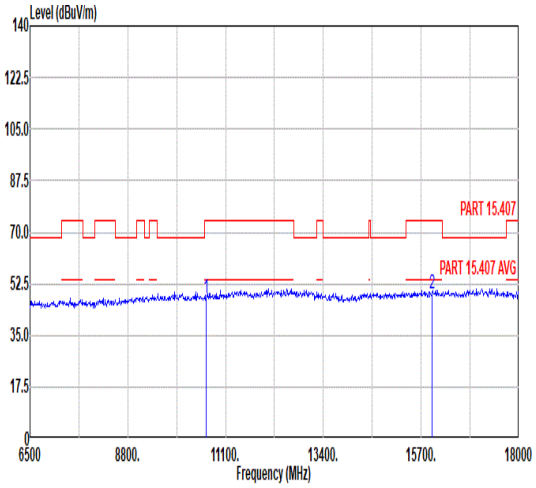
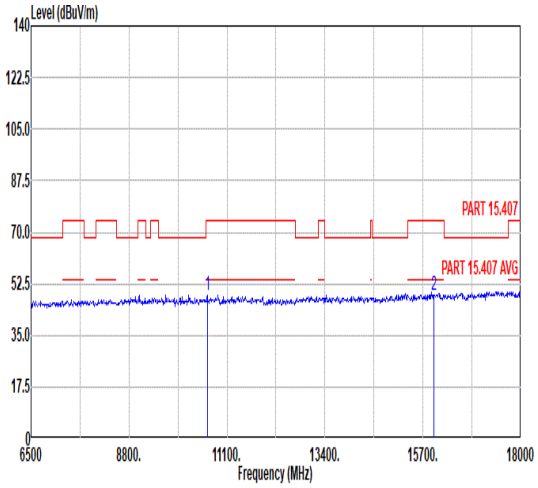
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6986.00 49.12 68.30 -19.18 65.35 35.70 13.15 65.08 132 225 Peak 2 10480.00 47.69 68.30 -20.61 57.91 37.59 16.09 63.90 --- --- Peak 3 15720.00 48.76 74.00 -25.24 52.72 40.46 19.61 64.03 --- --- 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 6986.00 46.97 68.30 -21.33 63.20 35.70 13.15 65.08 100 236 Peak 2 10480.00 47.71 68.30 -20.59 57.93 37.59 16.09 63.90 --- --- Peak 3 15720.00 48.09 74.00 -25.91 52.05 40.46 19.61 64.03 --- --- Peak

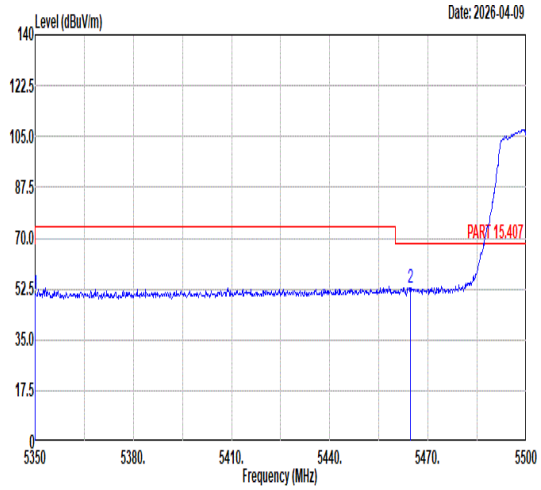
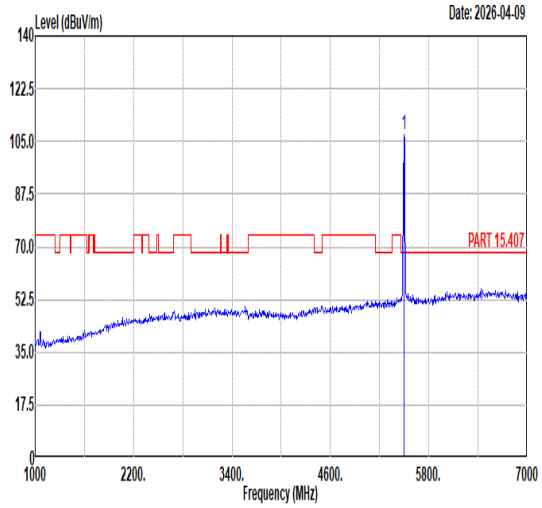
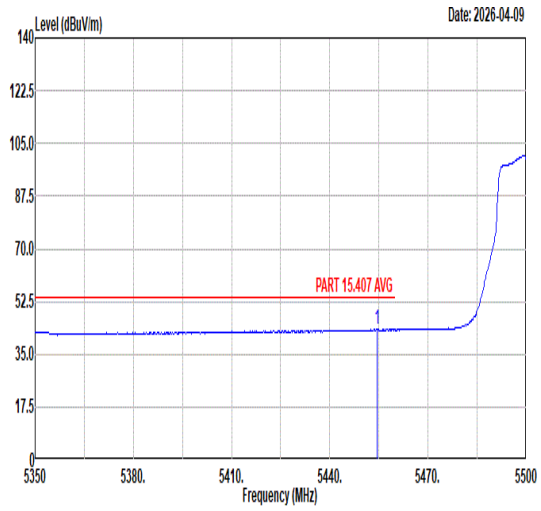
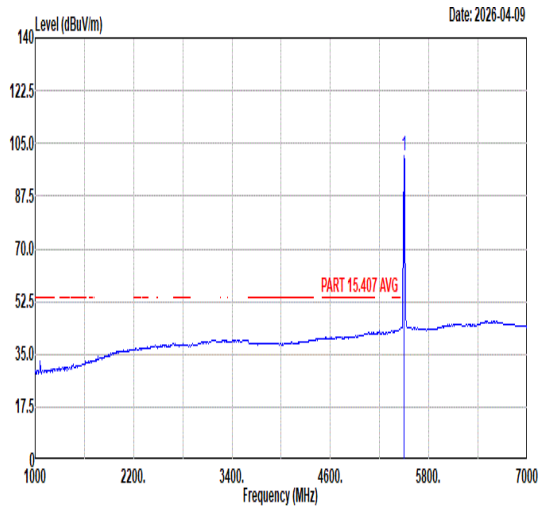
Mode	4	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7011.00 48.00 68.30 -20.30 64.21 35.70 13.17 65.08 142 226 Peak 2 10520.00 47.34 68.30 -20.96 57.48 37.62 16.12 63.88 --- --- Peak 3 15780.00 48.72 74.00 -25.28 52.71 40.54 19.64 64.17 --- --- 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 7011.00 47.10 68.30 -21.20 63.31 35.70 13.17 65.08 100 326 Peak 2 10520.00 46.31 68.30 -21.99 56.45 37.62 16.12 63.88 --- --- Peak 3 15780.00 48.03 74.00 -25.97 52.02 40.54 19.64 64.17 --- --- Peak

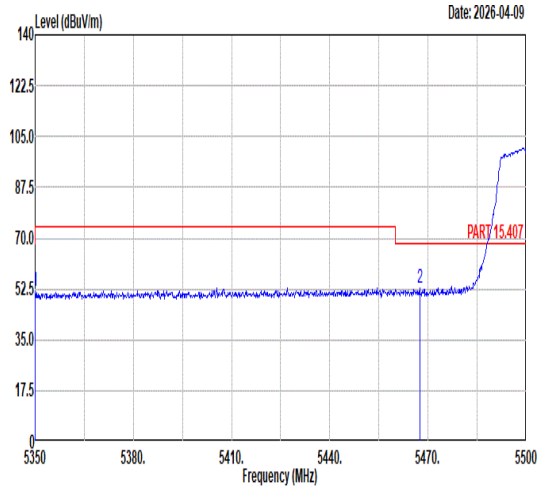
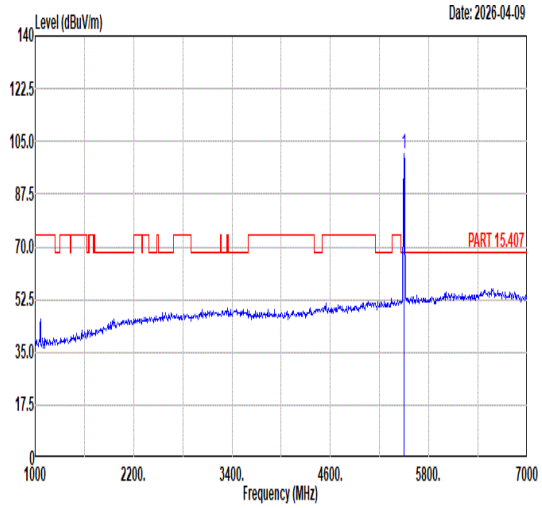
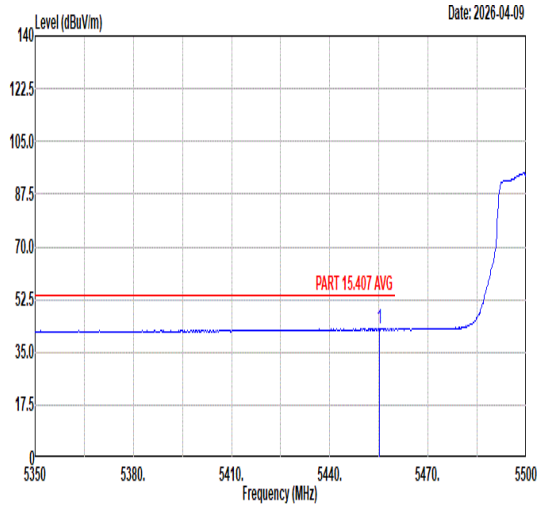
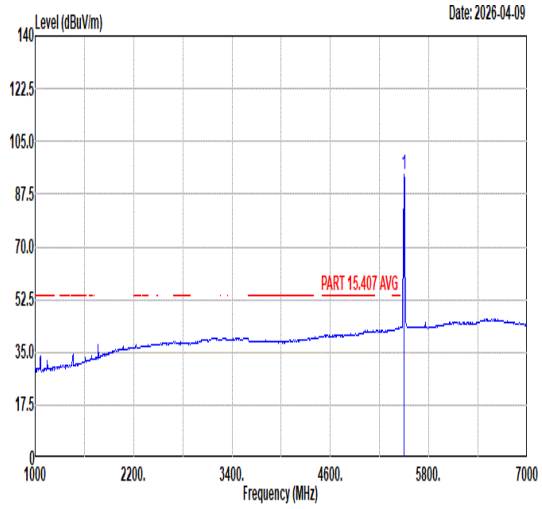
Mode	5	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 7066.000 48.60 -19.70 68.30 64.65 35.67 13.26 64.98 175 229 Peak 2 10600.000 46.10 -27.90 74.00 56.05 37.68 16.19 63.82 --- --- Peak 3 15900.000 49.38 -24.62 74.00 53.41 40.68 19.75 64.46 --- --- Peak	 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 7066.000 47.05 -21.25 68.30 63.10 35.67 13.26 64.98 100 288 Peak 2 10600.000 46.05 -27.95 74.00 56.00 37.68 16.19 63.82 --- --- Peak 3 15900.000 49.56 -24.44 74.00 53.59 40.68 19.75 64.46 --- --- Peak

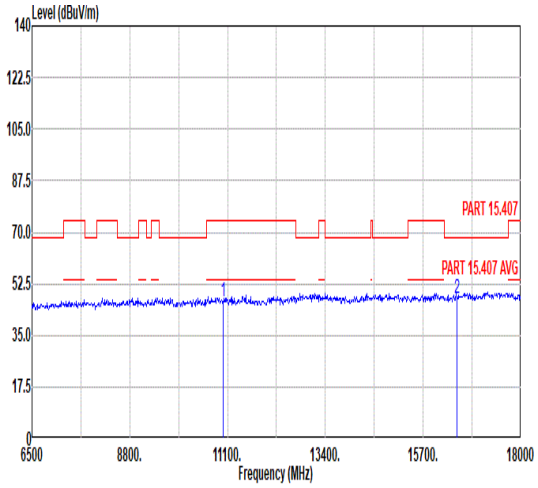
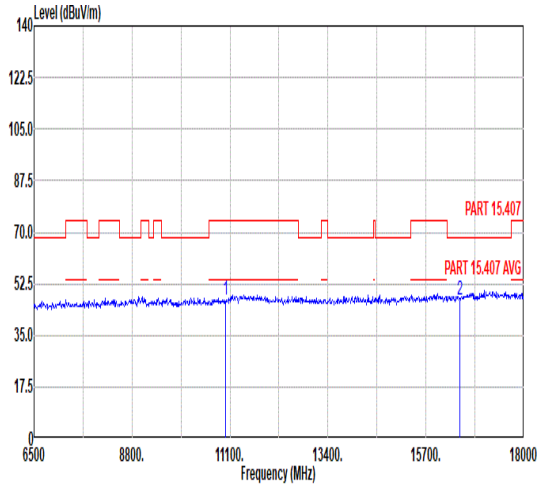
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5453.98 53.11 74.00 -20.89 37.50 34.47 11.66 30.52 193 220 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 101.67 ------ ------ 86.33 34.39 11.55 30.60 193 220 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 5453.84 42.86 54.00 -11.14 27.25 34.47 11.66 30.52 193 220 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 94.97 ------ ------ 79.63 34.39 11.55 30.60 193 220 AVERAGE

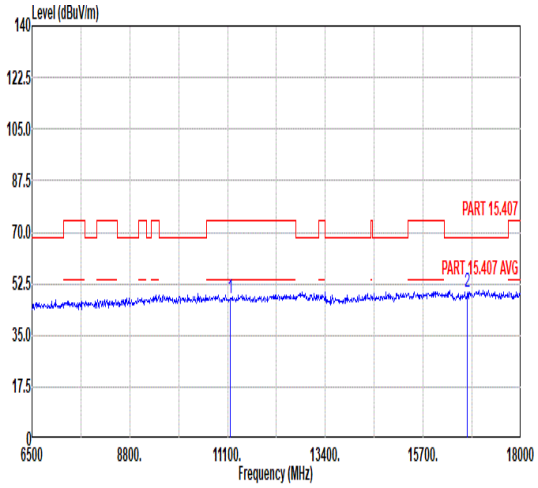
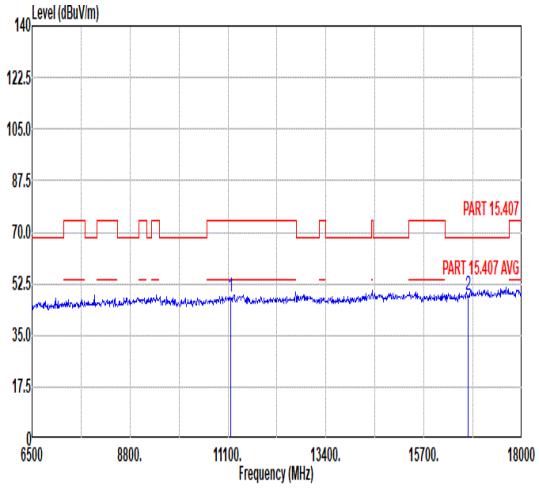
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5449.08 52.88 74.00 -21.12 37.27 34.47 11.66 30.52 306 147 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 100.16 ------ ------ 84.82 34.39 11.55 30.60 306 147 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 5444.46 42.86 54.00 -11.14 27.26 34.47 11.66 30.53 306 147 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 93.59 ------ ------ 78.25 34.39 11.55 30.60 306 147 AVERAGE

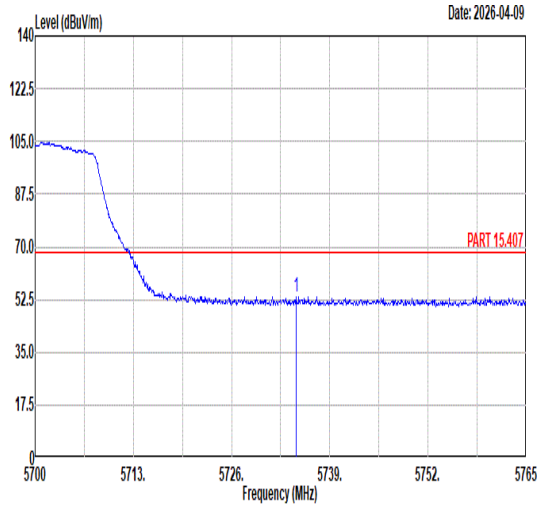
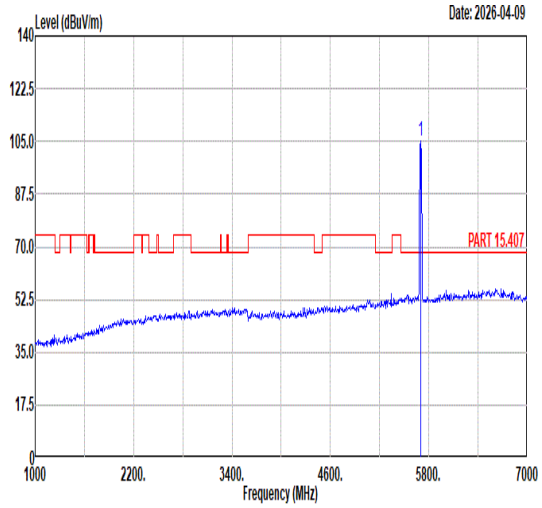
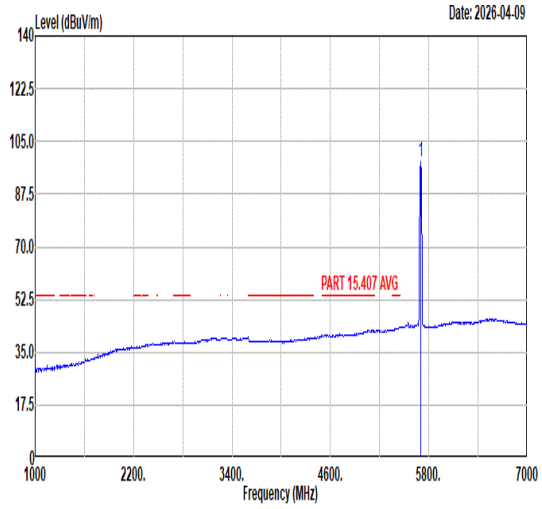
Mode	6	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10640.00 47.63 74.00 -26.37 57.48 37.71 16.23 63.79 --- --- Peak 2 15960.00 49.26 74.00 -24.74 53.27 40.75 19.84 64.60 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10640.00 48.38 74.00 -25.62 58.23 37.71 16.23 63.79 --- --- Peak 2 15960.00 48.70 74.00 -25.30 52.71 40.75 19.84 64.60 --- --- Peak

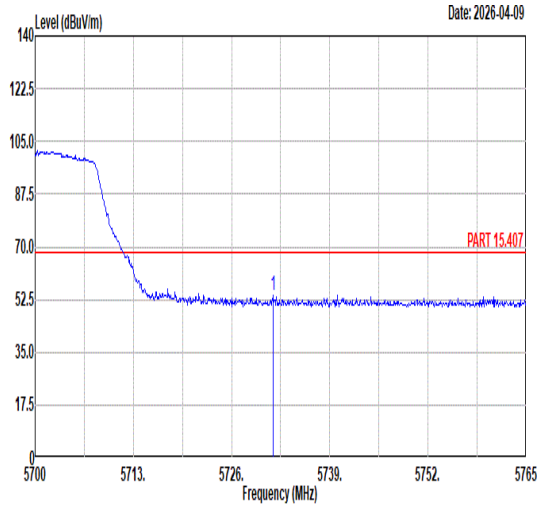
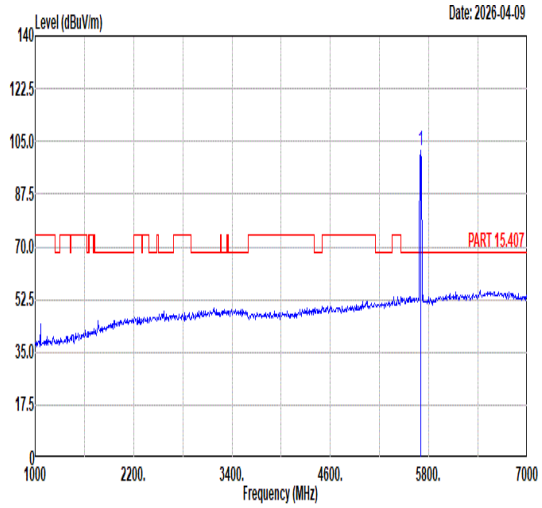
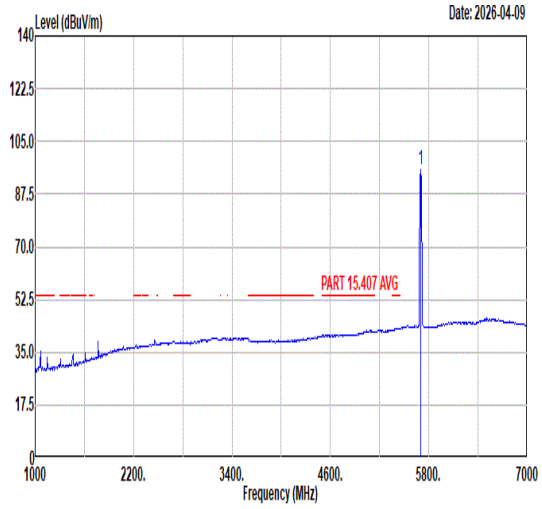
Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.00 50.72 68.30 -17.58 35.32 34.41 11.58 30.59 181 222 PEAK 2 5464.60 52.78 68.30 -15.52 37.14 34.48 11.67 30.51 181 222 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 107.07 ------ ------ 91.37 34.50 11.71 30.51 181 222 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5454.55 43.34 54.00 -10.66 27.72 34.47 11.67 30.52 181 222 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 100.69 ------ ------ 84.99 34.50 11.71 30.51 181 222 AVERAGE

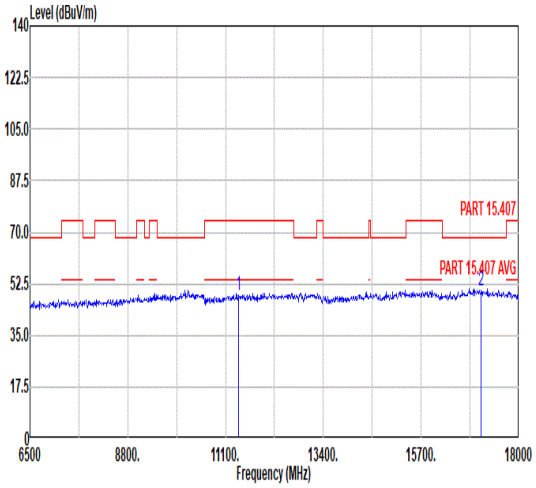
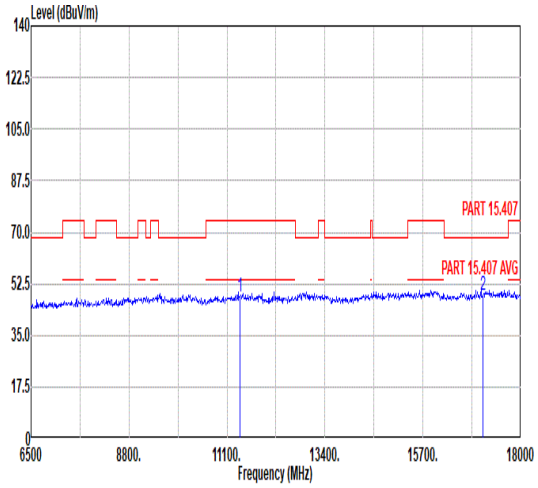
Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.00 51.53 68.30 -16.77 36.13 34.41 11.58 30.59 289 212 PEAK 2 5467.45 52.57 68.30 -15.73 36.92 34.48 11.68 30.51 289 212 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 100.79 ------ ------ 85.09 34.50 11.71 30.51 289 212 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5455.15 42.89 54.00 -11.11 27.27 34.47 11.67 30.52 289 212 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 94.22 ------ ------ 78.52 34.50 11.71 30.51 289 212 AVERAGE

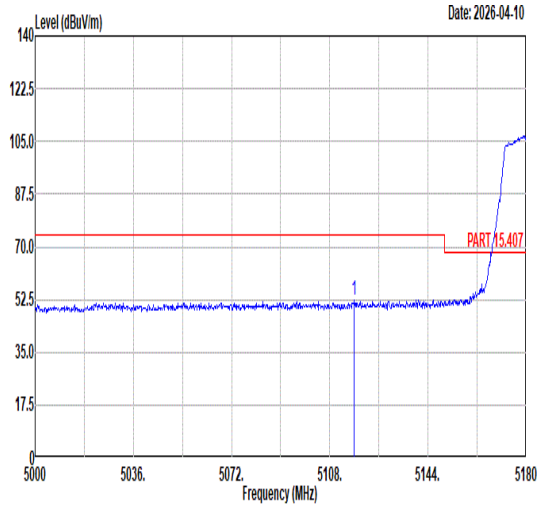
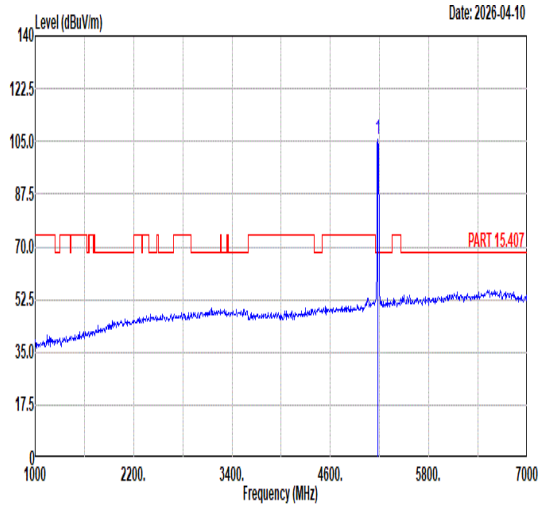
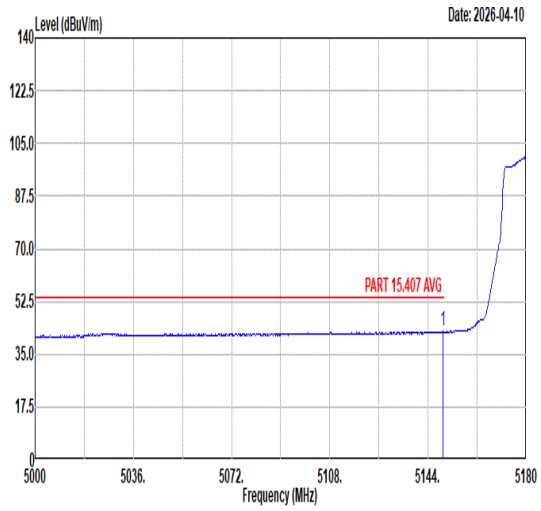
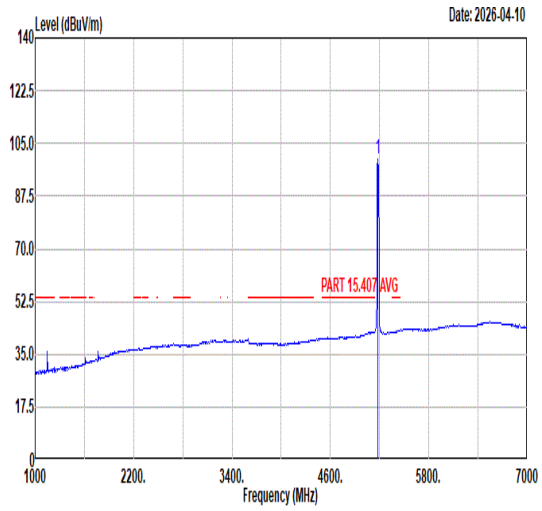
Mode	7	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 46.74 74.00 -27.26 55.80 38.00 16.44 63.50 --- --- Peak 2 16500.00 47.52 68.30 -20.78 51.29 41.20 20.03 65.00 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 47.07 74.00 -26.93 56.13 38.00 16.44 63.50 --- --- Peak 2 16500.00 47.07 68.30 -21.23 50.84 41.20 20.03 65.00 --- --- Peak

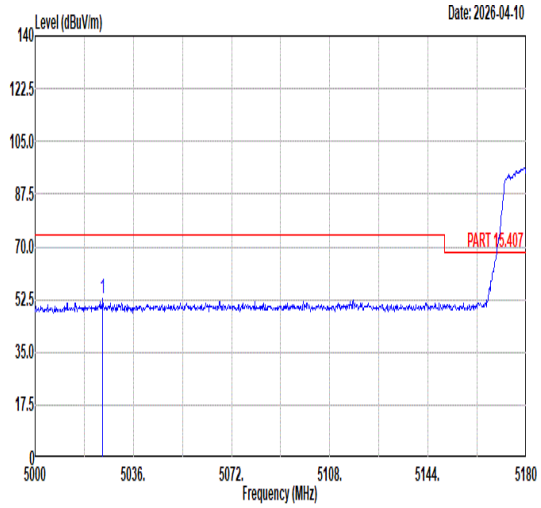
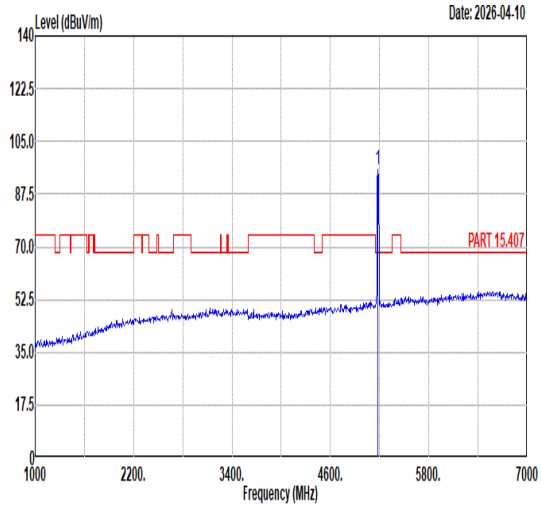
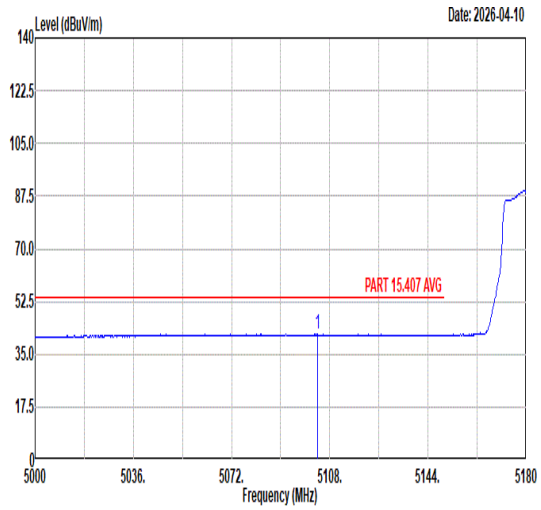
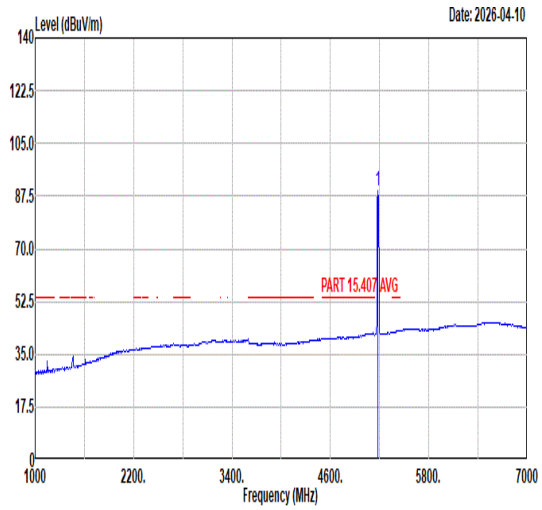
Mode	8	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH116_5580MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 47.71 74.00 -26.29 56.46 38.10 16.52 63.37 --- --- Peak 2 16740.00 49.65 68.30 -18.65 53.26 41.30 19.99 64.90 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 48.33 74.00 -25.67 57.08 38.10 16.52 63.37 --- --- Peak 2 16740.00 48.46 68.30 -19.84 52.07 41.30 19.99 64.90 --- --- Peak

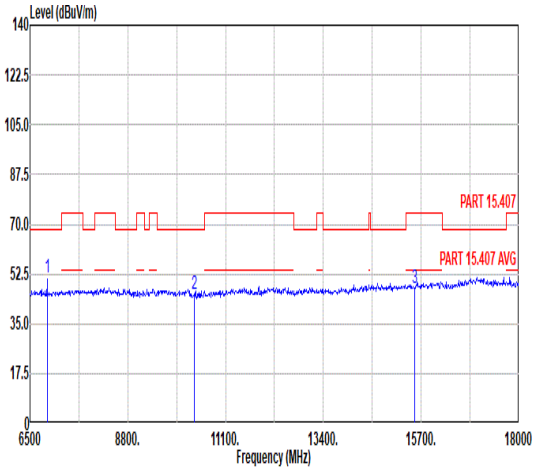
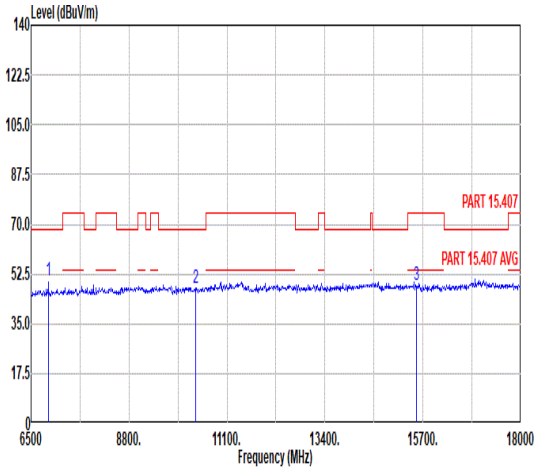
Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5734.52 53.58 68.30 -14.72 37.50 34.92 11.95 30.79 186 226 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 105.01 ------ ------ 88.99 34.86 11.91 30.75 186 226 PEAK
Avg	Blank	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 98.50 ------ ------ 82.48 34.86 11.91 30.75 186 226 AVERAGE

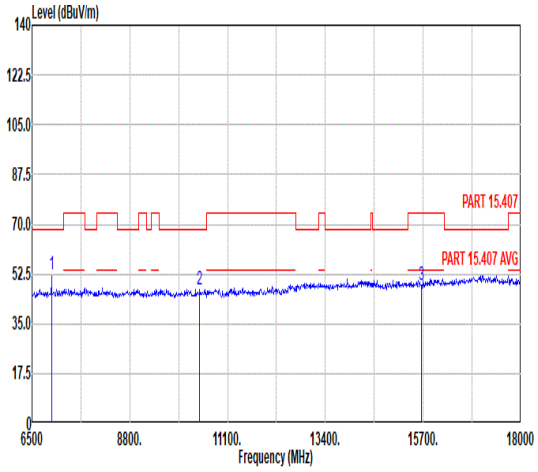
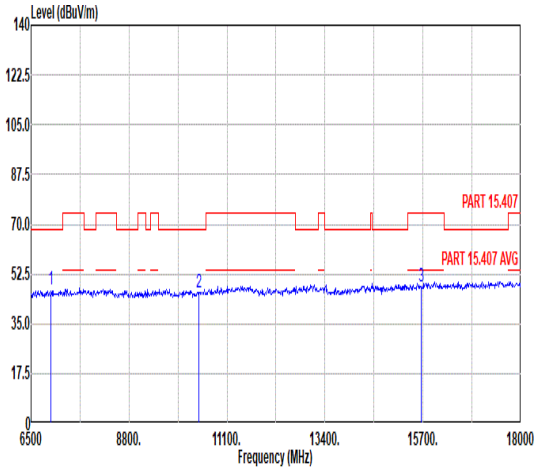
Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5731.46 54.12 68.30 -14.18 38.04 34.92 11.95 30.79 376 165 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 102.11 ------ ------ 86.08 34.87 11.91 30.75 376 165 PEAK
Avg	Blank	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 95.39 ------ ------ 79.37 34.86 11.91 30.75 376 165 AVERAGE

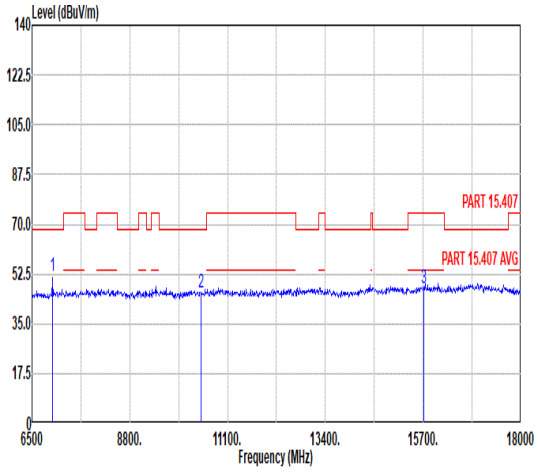
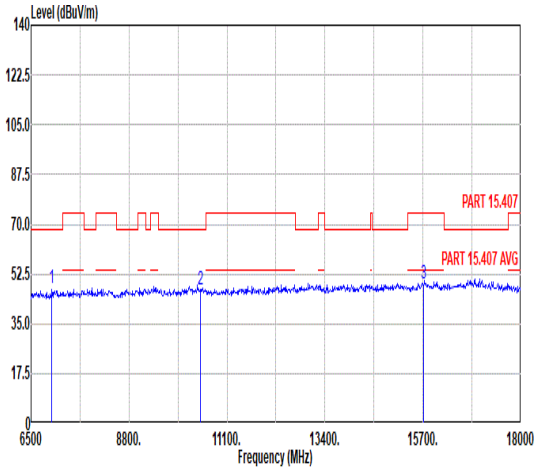
Mode	9	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 48.71 74.00 -25.29 56.86 38.24 16.79 63.18 --- --- Peak 2 17100.00 49.94 68.30 -18.36 53.22 41.30 20.38 64.96 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 48.01 74.00 -25.99 56.16 38.24 16.79 63.18 --- --- Peak 2 17100.00 48.83 68.30 -19.47 52.11 41.30 20.38 64.96 --- --- Peak

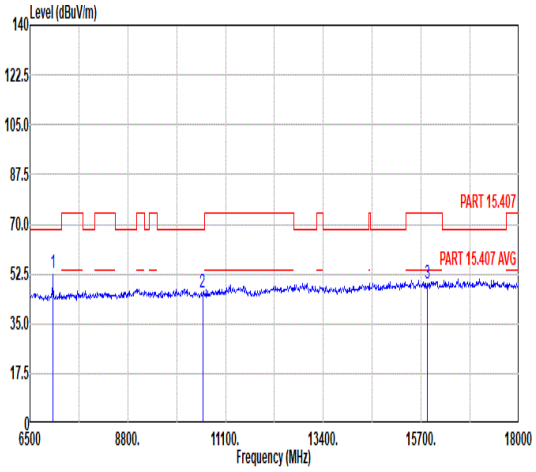
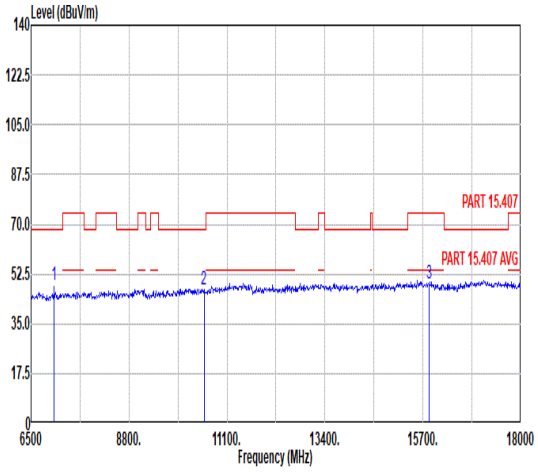
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5117.00 52.36 74.00 -21.64 37.59 34.27 11.23 30.73 175 260 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 5180.00 105.89 ------ ------ 90.88 34.31 11.39 30.69 175 260 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 5149.40 42.55 54.00 -11.45 27.65 34.29 11.32 30.71 175 260 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 99.82 ------ ------ 84.80 34.31 11.40 30.69 175 260 AVERAGE

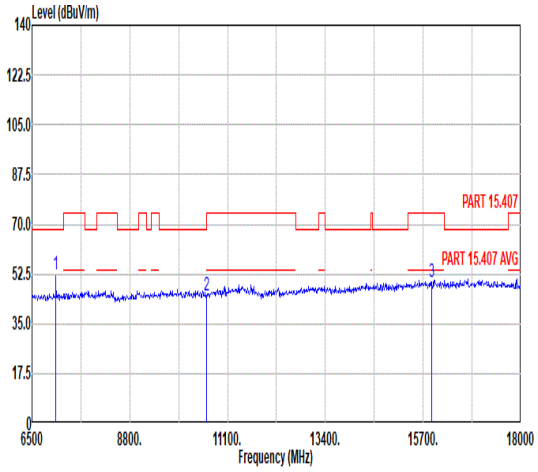
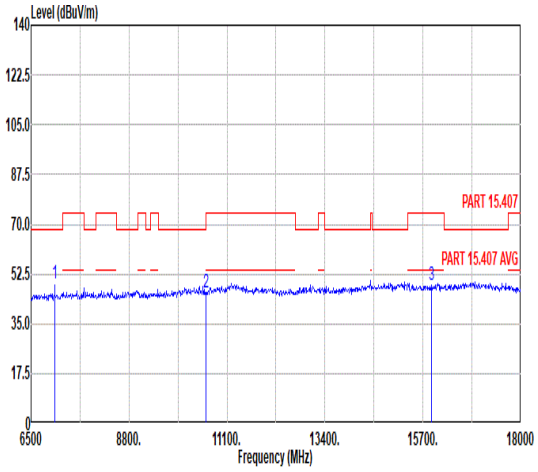
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5024.84 52.99 74.00 -21.01 38.59 34.21 10.98 30.79 100 311 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 95.68 ------ ------ 80.66 34.31 11.40 30.69 100 311 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 5103.50 41.61 54.00 -12.39 26.90 34.26 11.19 30.74 100 311 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 89.15 ------ ------ 74.13 34.31 11.40 30.69 100 311 AVERAGE

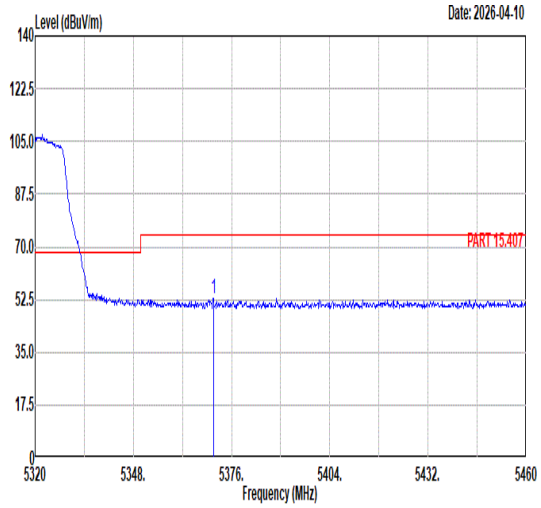
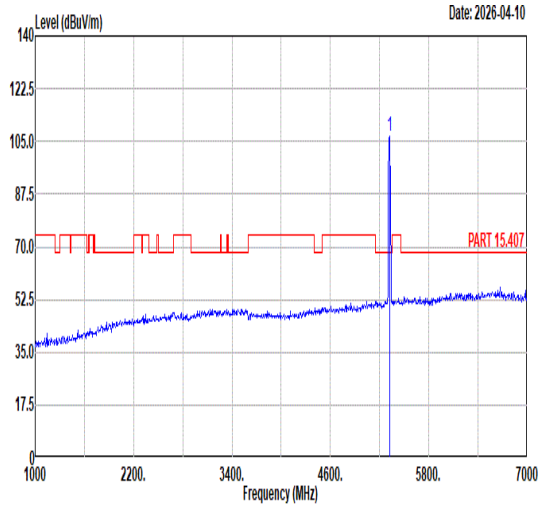
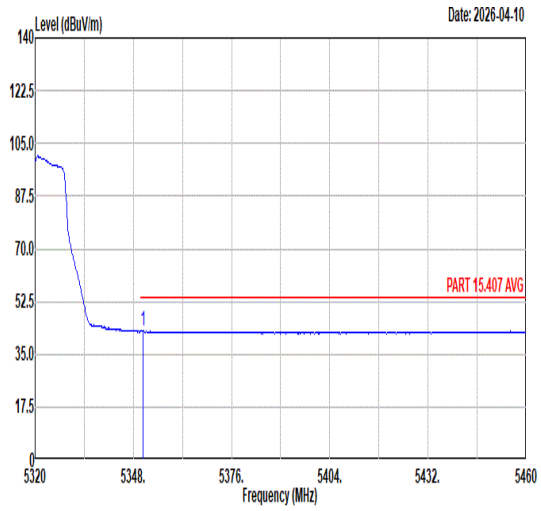
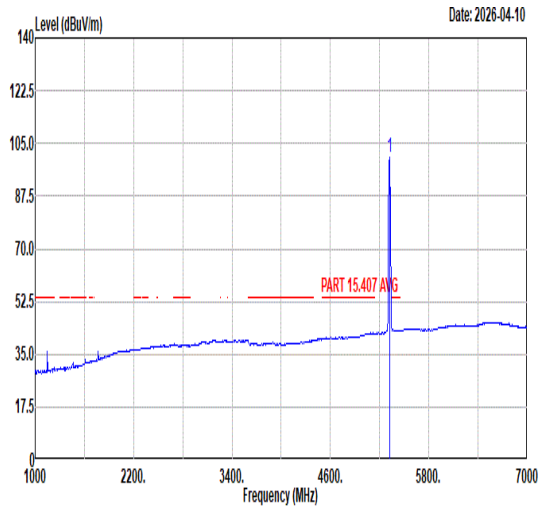
Mode	10	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6906.00 51.42 68.30 -16.88 67.61 35.70 13.08 64.97 125 233 Peak 2 10360.00 45.44 68.30 -22.86 55.79 37.52 16.03 63.90 --- --- Peak 3 15540.00 47.75 74.00 -26.25 51.58 40.25 19.52 63.60 --- --- 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 6906.00 50.11 68.30 -18.19 66.30 35.70 13.08 64.97 400 325 Peak 2 10360.00 47.60 68.30 -20.70 57.95 37.52 16.03 63.90 --- --- Peak 3 15540.00 48.59 74.00 -25.41 52.42 40.25 19.52 63.60 --- --- Peak

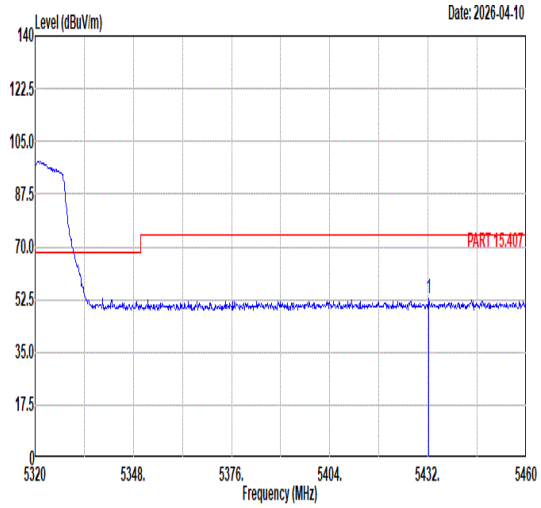
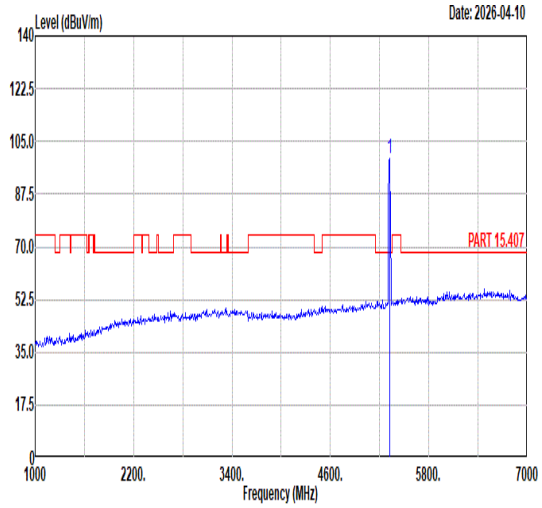
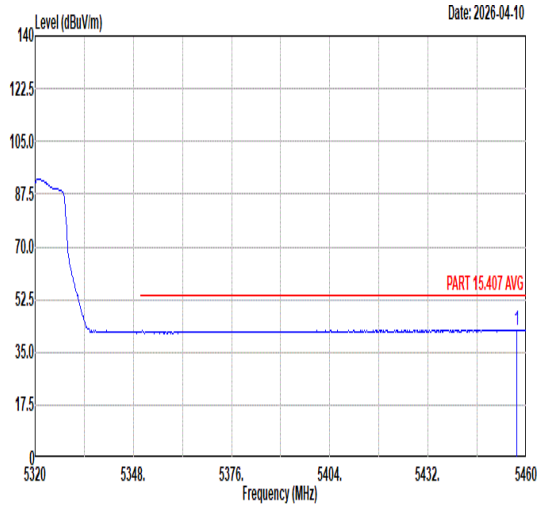
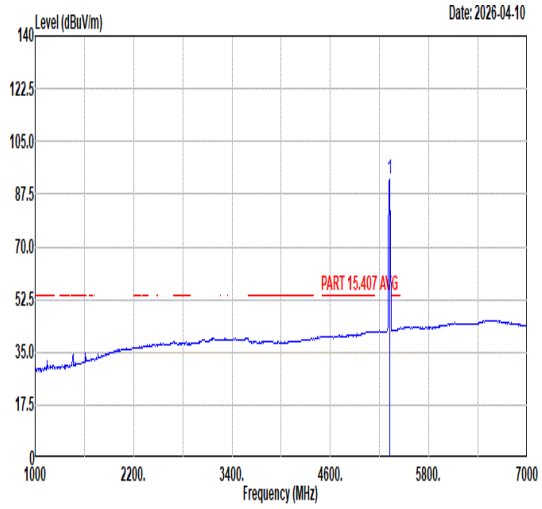
Mode	11	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6958.00 52.08 68.30 -16.22 68.30 35.70 13.12 65.04 231 233 Peak 2 10440.00 46.81 68.30 -21.49 57.10 37.56 16.05 63.90 --- --- Peak 3 15660.00 48.71 74.00 -25.29 52.61 40.39 19.59 63.88 --- --- 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 6958.00 46.98 68.30 -21.32 63.20 35.70 13.12 65.04 100 251 Peak 2 10440.00 45.88 68.30 -22.42 56.17 37.56 16.05 63.90 --- --- Peak 3 15660.00 48.19 74.00 -25.81 52.09 40.39 19.59 63.88 --- --- Peak

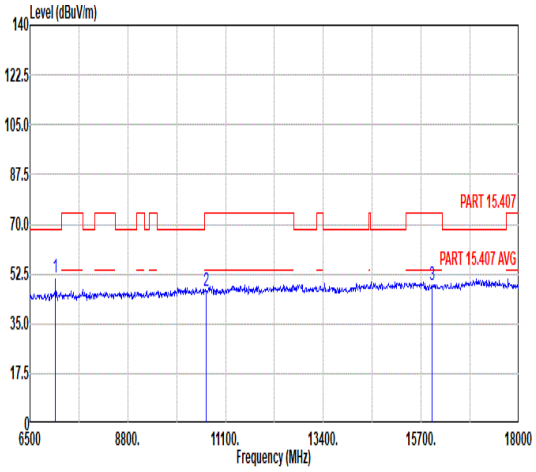
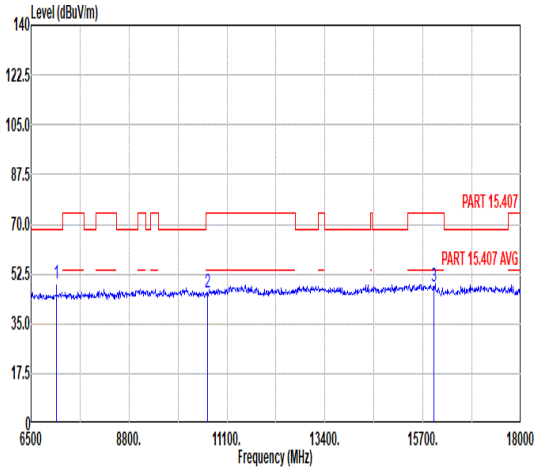
Mode	12	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6983.00 51.63 68.30 -16.67 67.87 35.70 13.14 65.08 100 223 Peak 2 10480.00 45.82 68.30 -22.48 56.04 37.59 16.09 63.90 --- --- Peak 3 15720.00 47.29 74.00 -26.71 51.25 40.46 19.61 64.03 --- --- 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 6983.00 47.81 68.30 -20.49 64.05 35.70 13.14 65.08 100 178 Peak 2 10480.00 46.95 68.30 -21.35 57.17 37.59 16.09 63.90 --- --- Peak 3 15720.00 48.93 74.00 -25.07 52.89 40.46 19.61 64.03 --- --- Peak

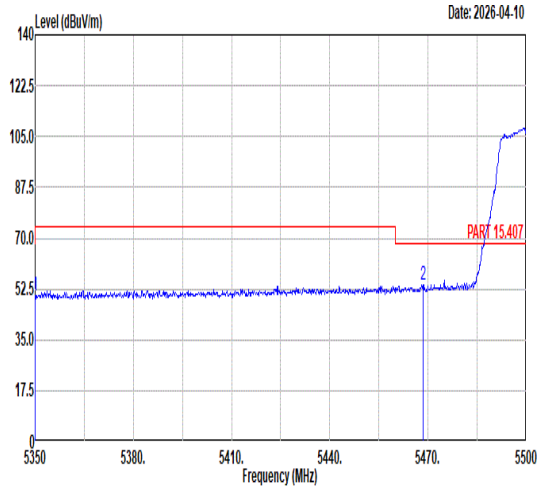
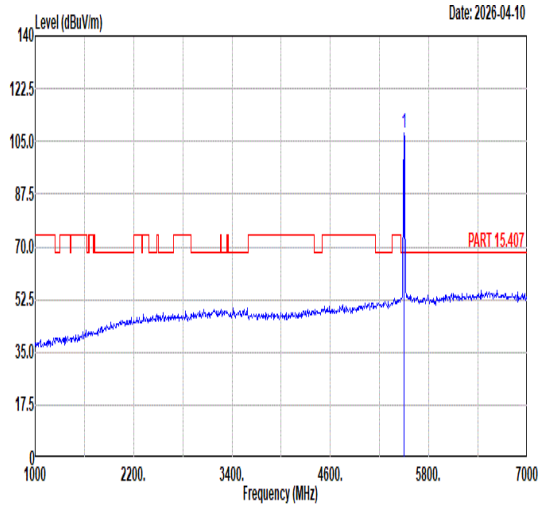
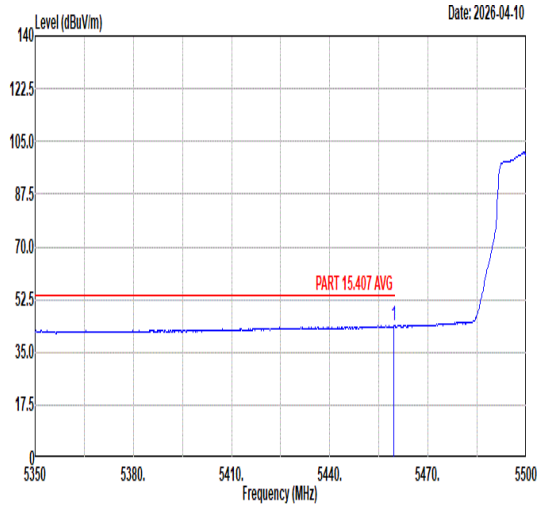
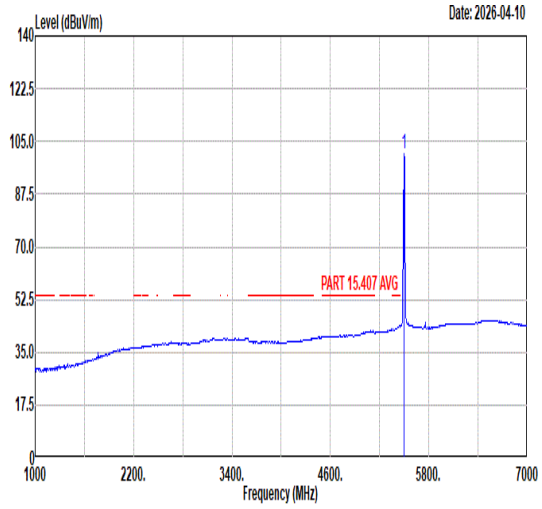
Mode	13	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7039.00 52.64 68.30 -15.66 68.78 35.68 13.21 65.03 165 232 Peak 2 10560.00 45.84 68.30 -22.46 55.89 37.65 16.15 63.85 --- --- Peak 3 15840.00 49.22 74.00 -24.78 53.24 40.61 19.69 64.32 --- --- 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 7039.00 48.79 68.30 -19.51 64.93 35.68 13.21 65.03 369 200 Peak 2 10560.00 47.08 68.30 -21.22 57.13 37.65 16.15 63.85 --- --- Peak 3 15840.00 49.09 74.00 -24.91 53.11 40.61 19.69 64.32 --- --- Peak

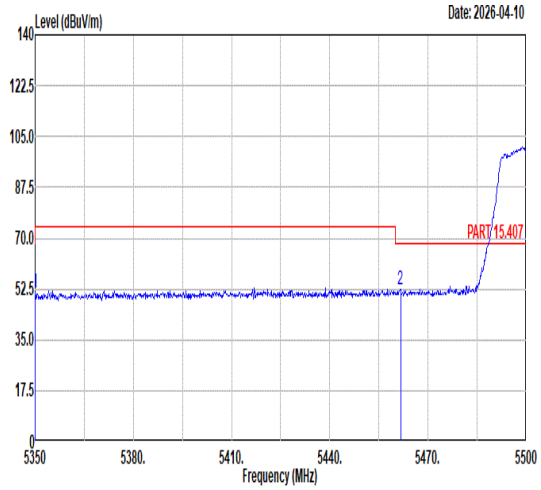
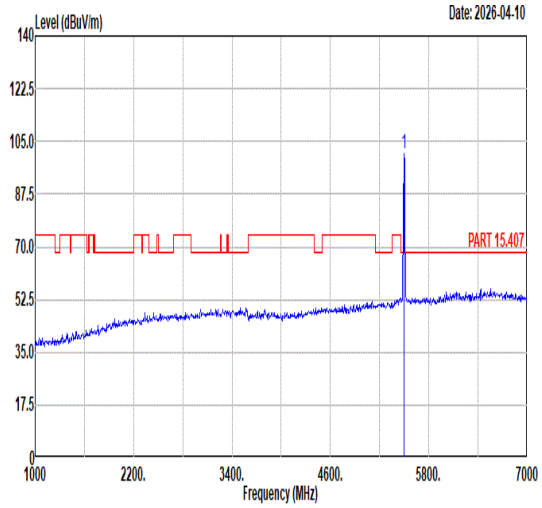
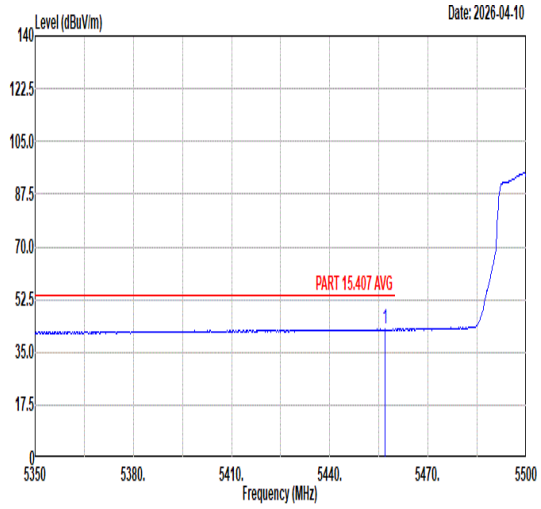
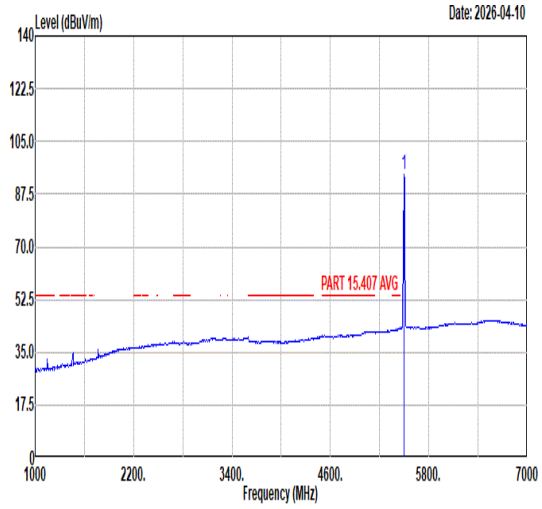
Mode	14	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7066.00 52.52 68.30 -15.78 68.58 35.67 13.25 64.98 174 232 Peak 2 10600.00 44.84 74.00 -29.16 54.79 37.68 16.19 63.82 --- --- Peak 3 15900.00 49.72 74.00 -24.28 53.74 40.68 19.76 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 7066.00 49.16 68.30 -19.14 65.22 35.67 13.25 64.98 380 207 Peak 2 10600.00 45.85 74.00 -28.15 55.80 37.68 16.19 63.82 --- --- Peak 3 15900.00 48.84 74.00 -25.16 52.86 40.68 19.76 64.46 --- --- Peak

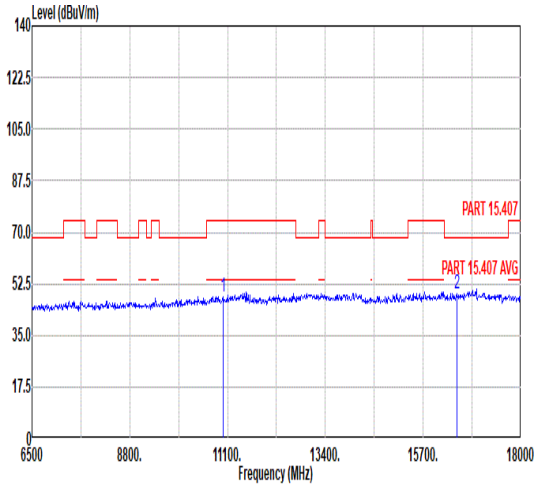
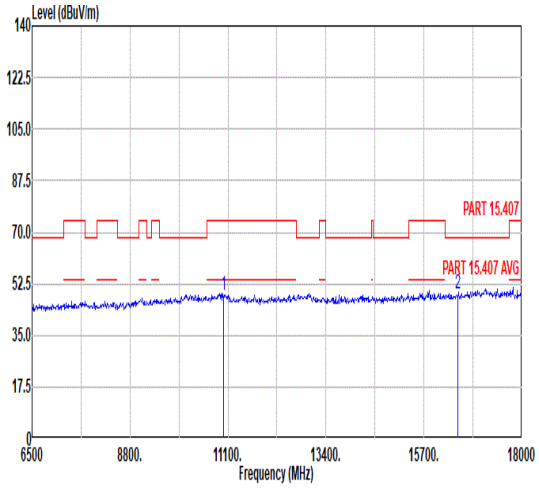
Mode	15	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5370.82 52.96 74.00 -21.04 37.52 34.42 11.59 30.57 155 274 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 106.84 ------ ------ 91.50 34.39 11.55 30.60 155 274 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.66 42.79 54.00 -11.21 27.39 34.41 11.58 30.59 155 274 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 100.59 ------ ------ 85.25 34.39 11.55 30.60 155 274 AVERAGE

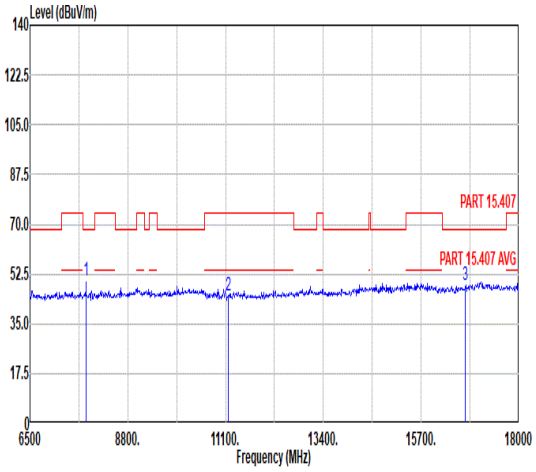
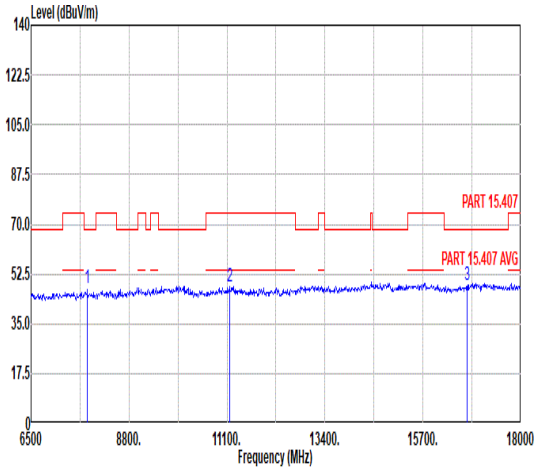
Mode	15	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5432.28 52.67 74.00 -21.33 37.09 34.46 11.65 30.53 120 342 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 99.45 ------ ------ 84.11 34.39 11.55 30.60 120 342 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 5457.34 42.43 54.00 -11.57 26.81 34.47 11.67 30.52 120 342 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 92.63 ------ ------ 77.29 34.39 11.55 30.60 120 342 AVERAGE

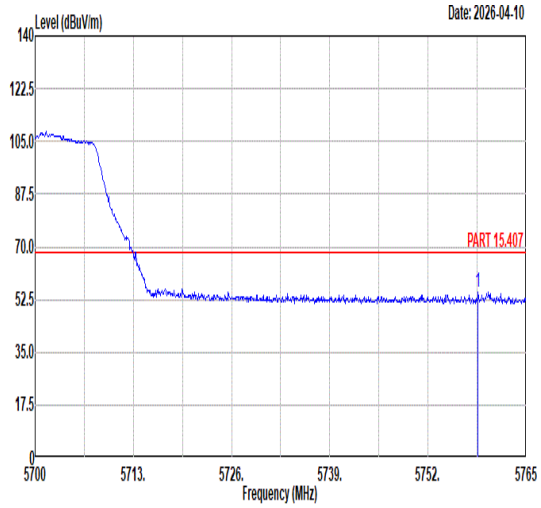
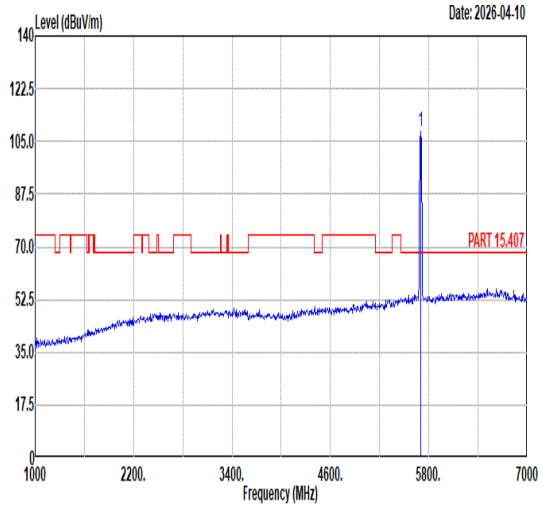
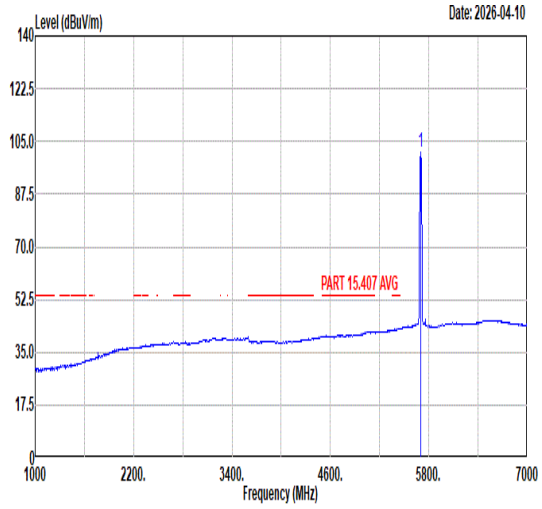
Mode	15	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7093.00 51.13 68.30 -17.17 67.11 35.66 13.29 64.93 222 235 Peak 2 10640.00 46.73 74.00 -27.27 56.58 37.71 16.23 63.79 --- --- Peak 3 15960.00 48.48 74.00 -25.52 52.49 40.75 19.84 64.60 --- --- 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 7093.00 48.94 68.30 -19.36 64.92 35.66 13.29 64.93 332 207 Peak 2 10640.00 45.95 74.00 -28.05 55.80 37.71 16.23 63.79 --- --- Peak 3 15960.00 48.17 74.00 -25.83 52.18 40.75 19.84 64.60 --- --- Peak

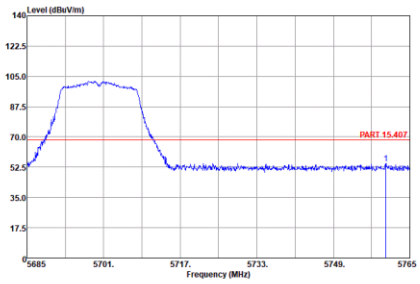
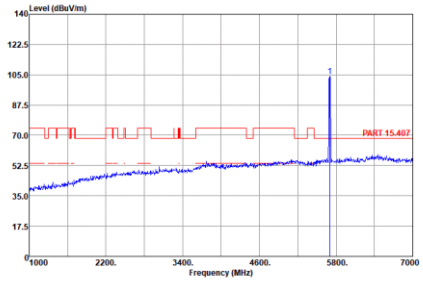
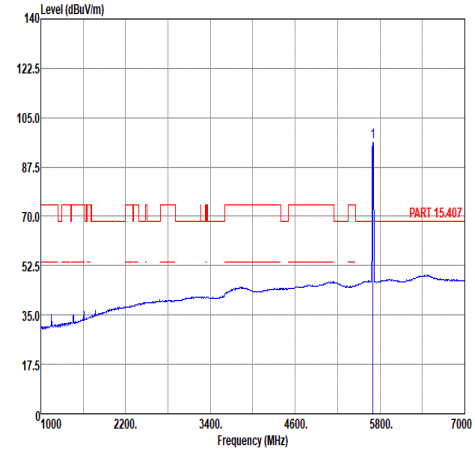
Mode	16	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.00 50.31 68.30 -17.99 34.91 34.41 11.58 30.59 193 214 PEAK 2 5468.50 53.97 68.30 -14.33 38.32 34.48 11.68 30.51 193 214 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 107.80 ------ ------ 92.10 34.50 11.71 30.51 193 214 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.65 43.85 54.00 -10.15 28.22 34.48 11.67 30.52 193 214 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 100.82 ------ ------ 85.12 34.50 11.71 30.51 193 214 AVERAGE

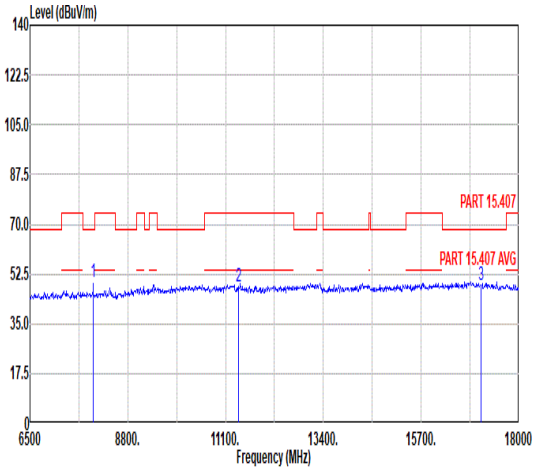
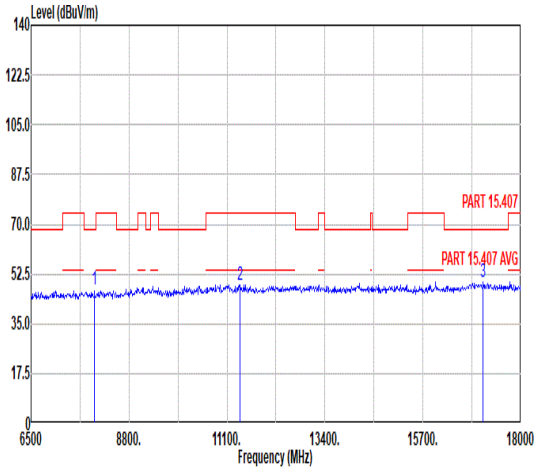
Mode	16	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.00 51.18 68.30 -17.12 35.78 34.41 11.58 30.59 109 271 PEAK 2 5461.60 52.47 68.30 -15.83 36.84 34.48 11.67 30.52 109 271 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 100.86 ------ ------ 85.16 34.50 11.71 30.51 109 271 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5456.80 42.70 54.00 -11.30 27.08 34.47 11.67 30.52 109 271 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 94.22 ------ ------ 78.52 34.50 11.71 30.51 109 271 AVERAGE

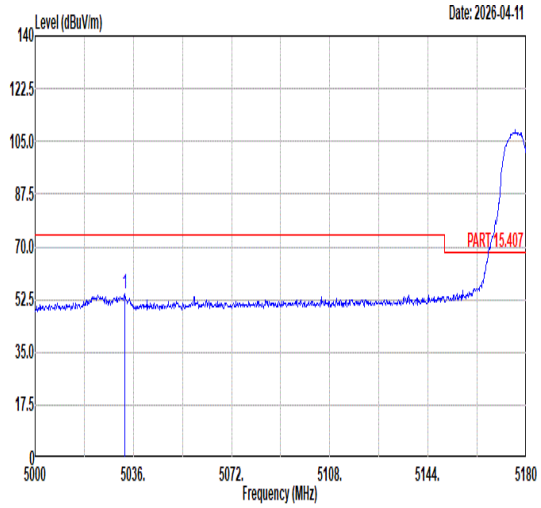
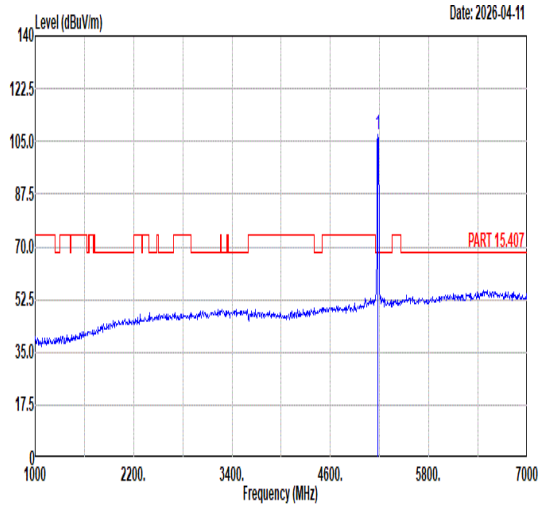
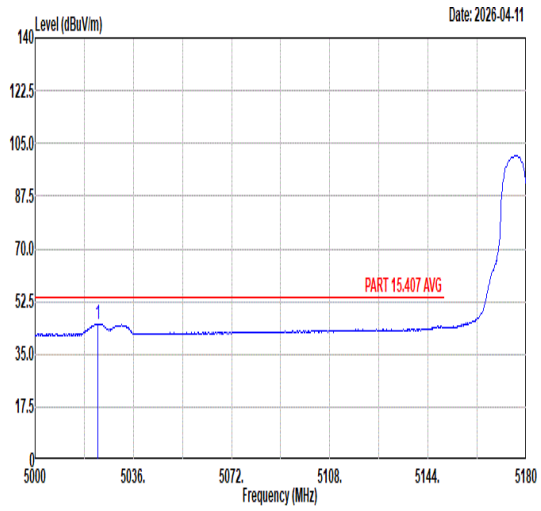
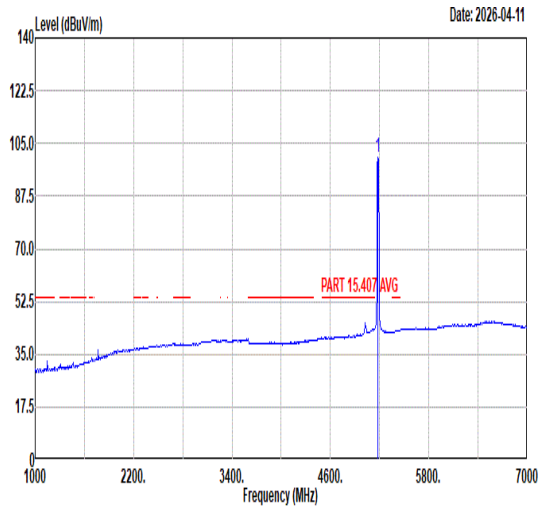
Mode	16	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 47.95 74.00 -26.05 57.01 38.00 16.44 63.50 --- --- Peak 2 16500.00 49.15 68.30 -19.15 52.92 41.20 20.03 65.00 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 48.42 74.00 -25.58 57.48 38.00 16.44 63.50 --- --- Peak 2 16500.00 49.31 68.30 -18.99 53.08 41.20 20.03 65.00 --- --- Peak

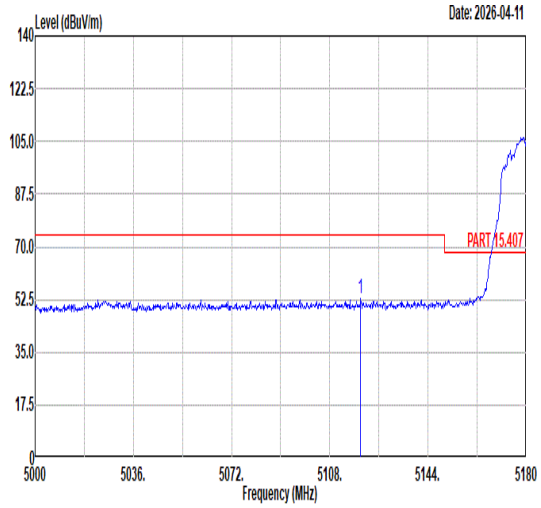
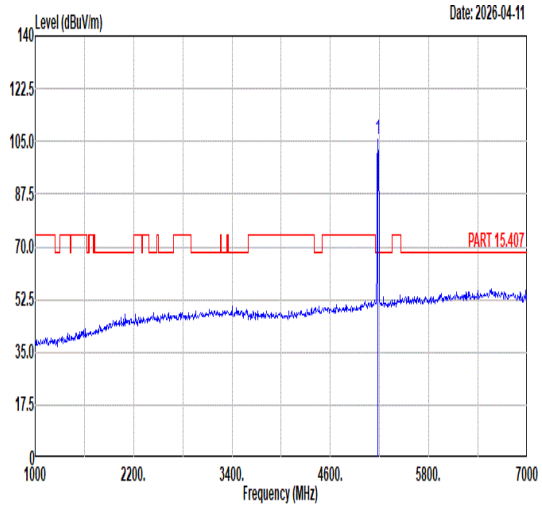
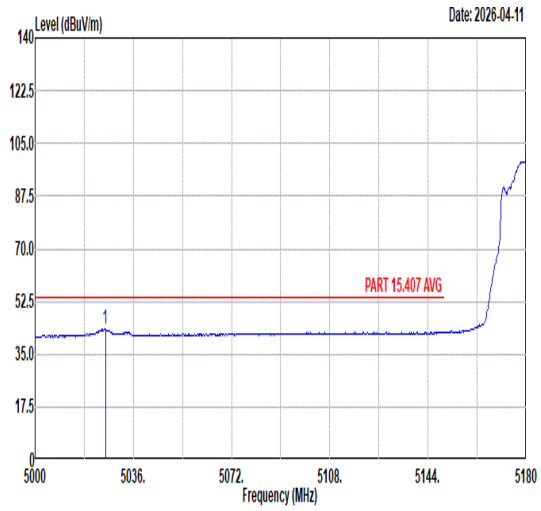
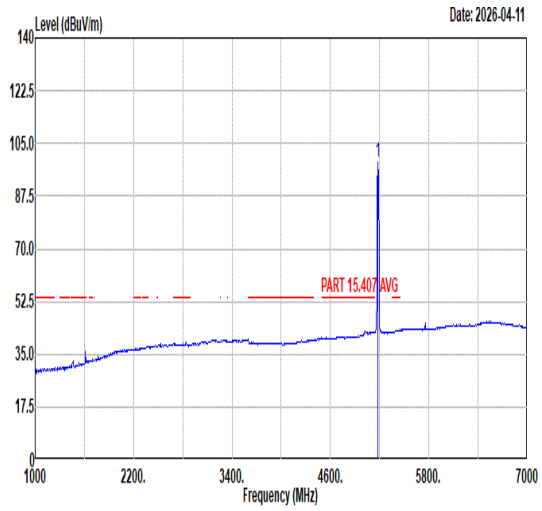
Mode	17	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH116_5580MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7811.00 50.18 68.30 -18.12 64.50 35.75 14.50 64.57 162 221 Peak 2 11160.00 45.16 74.00 -28.84 53.91 38.10 16.52 63.37 --- --- Peak 3 16740.00 48.40 68.30 -19.90 52.01 41.30 19.99 64.90 --- --- 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 7811.00 47.77 68.30 -20.53 62.09 35.75 14.50 64.57 100 125 Peak 2 11160.00 48.19 74.00 -25.81 56.94 38.10 16.52 63.37 --- --- Peak 3 16740.00 48.47 68.30 -19.83 52.08 41.30 19.99 64.90 --- --- Peak

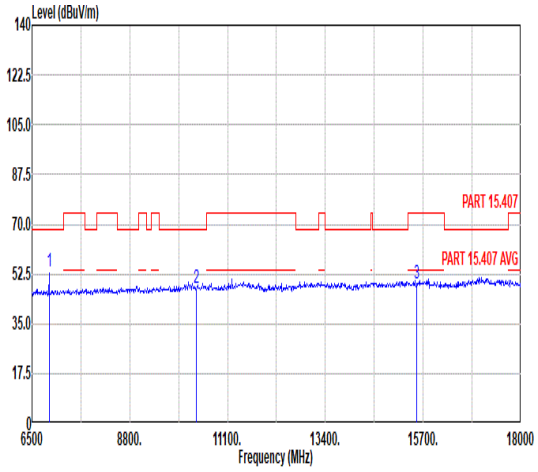
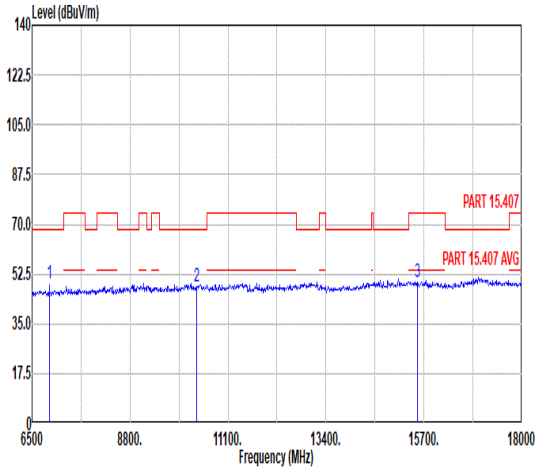
Mode	18	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5758.63 55.15 68.30 -13.15 39.02 34.97 11.98 30.82 160 222 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 108.18 ------ ------ 92.16 34.86 11.91 30.75 160 222 PEAK
Avg	Blank	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 101.37 ------ ------ 85.35 34.86 11.91 30.75 160 222 AVERAGE

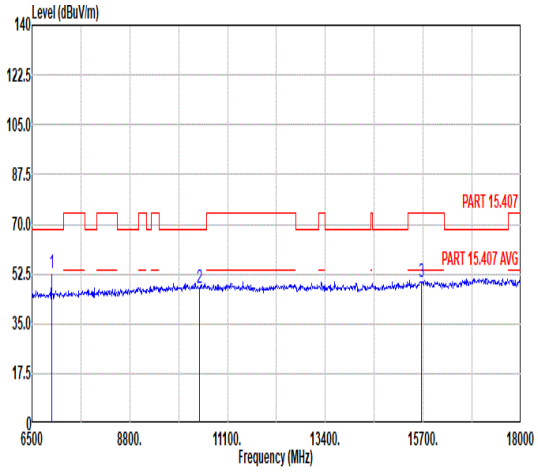
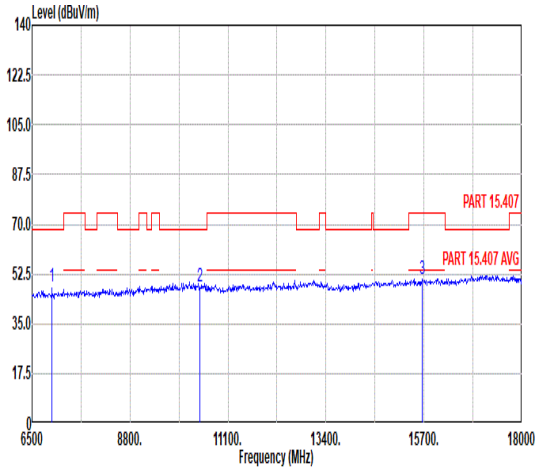
Mode	18	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5759.960 54.78 -13.52 68.30 38.66 34.97 11.98 30.83 154 360 Peak	 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5700.000 104.25 ------ ------ 88.23 34.86 11.90 30.74 154 360 Peak
Avg	Blank	 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5700.000 96.30 ------ ------ 80.28 34.86 11.90 30.74 154 360 Peak

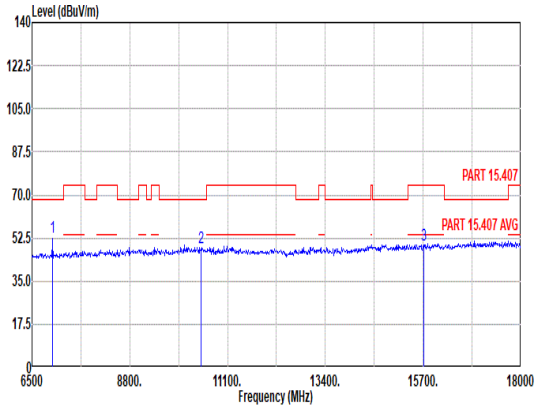
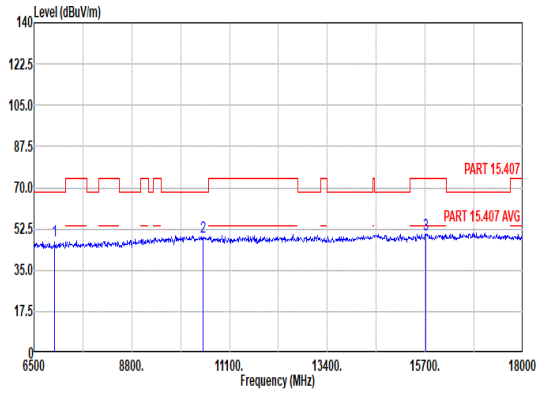
Mode	18	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7979.00 49.41 68.30 -18.89 63.71 35.88 14.59 64.77 252 218 Peak 2 11400.00 48.12 74.00 -25.88 56.27 38.24 16.79 63.18 --- --- Peak 3 17100.00 48.43 68.30 -19.87 51.71 41.30 20.38 64.96 --- --- 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 7979.00 46.93 68.30 -21.37 61.23 35.88 14.59 64.77 100 98 Peak 2 11400.00 48.67 74.00 -25.33 56.82 38.24 16.79 63.18 --- --- Peak 3 17100.00 49.68 68.30 -18.62 52.96 41.30 20.38 64.96 --- --- Peak

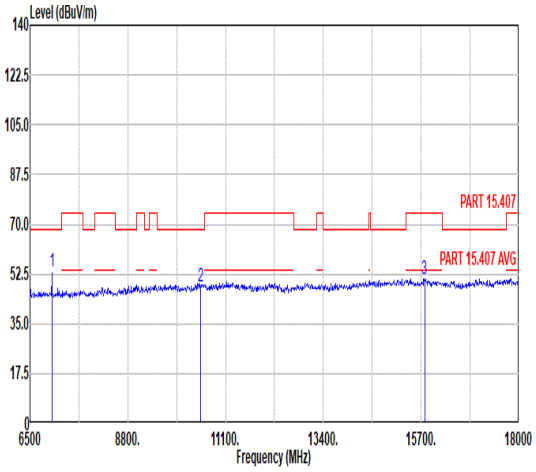
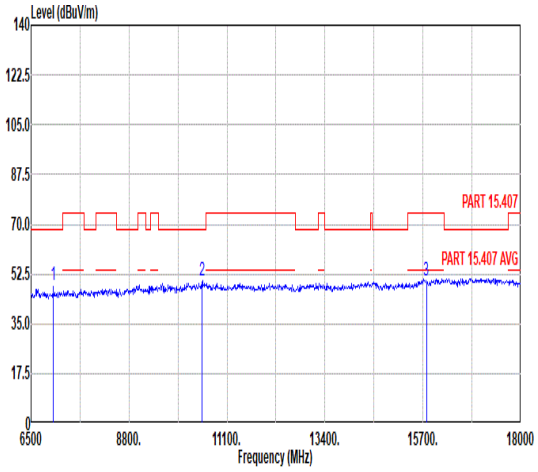
Mode	19	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5032.76 54.17 74.00 -19.83 39.73 34.22 11.00 30.78 200 263 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 107.51 ------ ------ 92.50 34.31 11.39 30.69 200 263 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 5022.86 45.10 54.00 -8.90 30.70 34.21 10.98 30.79 200 263 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 5180.00 100.33 ------ ------ 85.32 34.31 11.39 30.69 200 263 AVERAGE

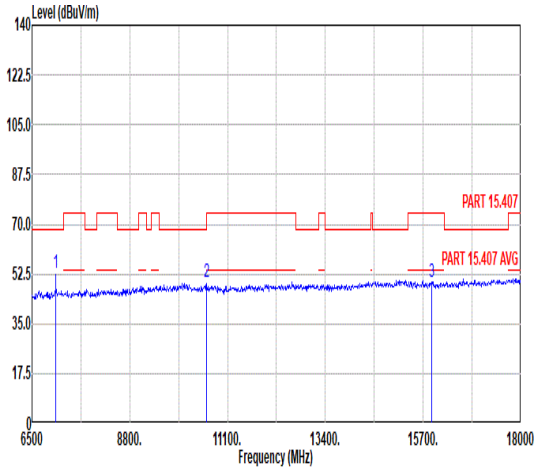
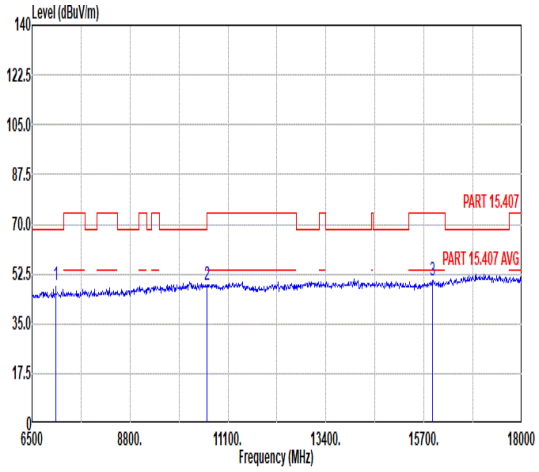
Mode	19	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1+2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5119.34 52.60 74.00 -21.40 37.82 34.27 11.24 30.73 100 331 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 5180.00 105.57 ------ ------ 90.56 34.31 11.39 30.69 100 331 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 5025.74 43.37 54.00 -10.63 28.96 34.22 10.98 30.79 100 331 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5180.00 98.55 ------ ------ 83.53 34.31 11.40 30.69 100 331 AVERAGE

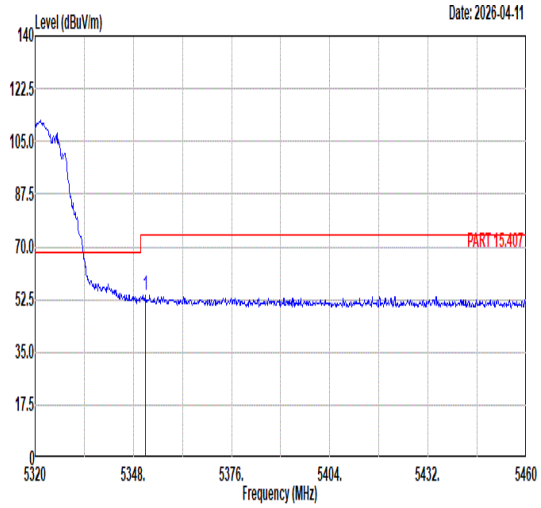
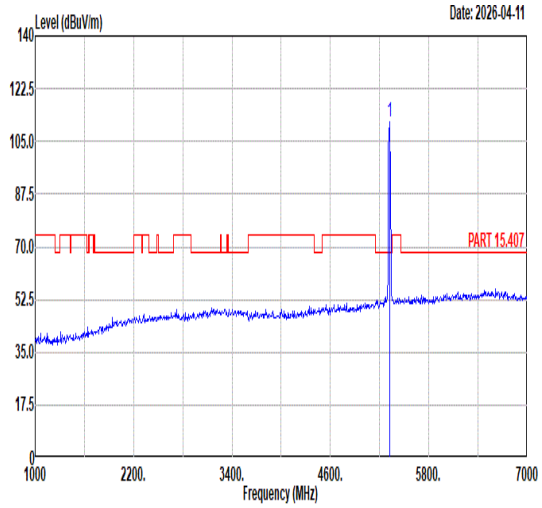
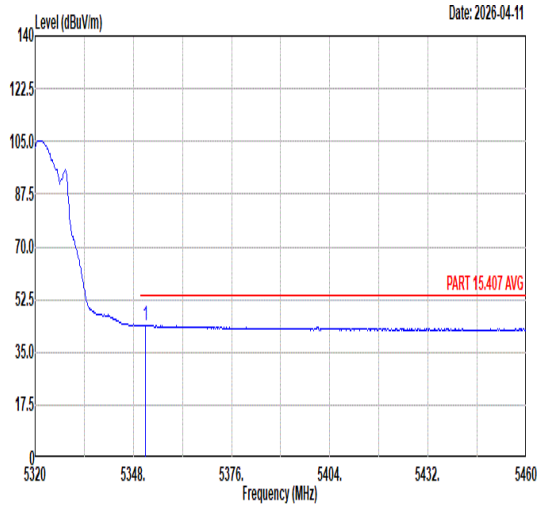
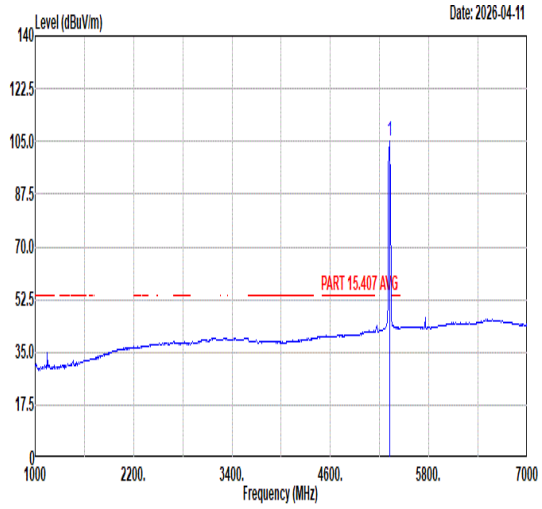
Mode	19	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6906.00 53.20 68.30 -15.10 69.39 35.70 13.08 64.97 180 239 Peak 2 10360.00 47.67 68.30 -20.63 58.02 37.52 16.03 63.90 --- --- Peak 3 15540.00 49.22 74.00 -24.78 53.05 40.25 19.52 63.60 --- --- 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 6906.00 48.97 68.30 -19.33 65.16 35.70 13.08 64.97 100 192 Peak 2 10360.00 47.99 68.30 -20.31 58.34 37.52 16.03 63.90 --- --- Peak 3 15540.00 49.51 74.00 -24.49 53.34 40.25 19.52 63.60 --- --- Peak

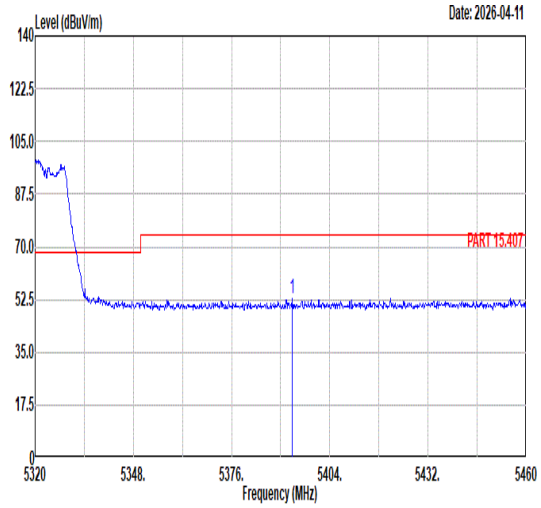
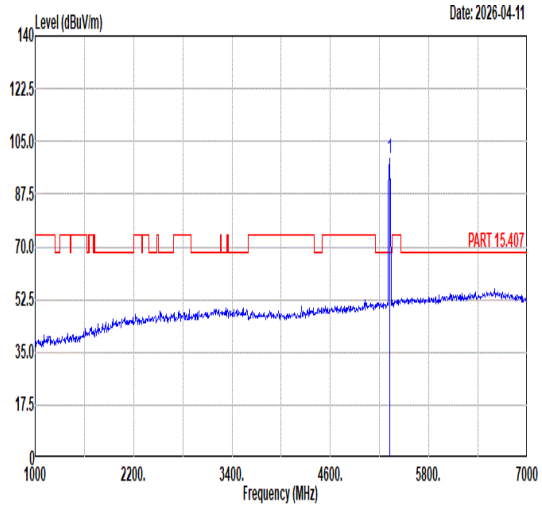
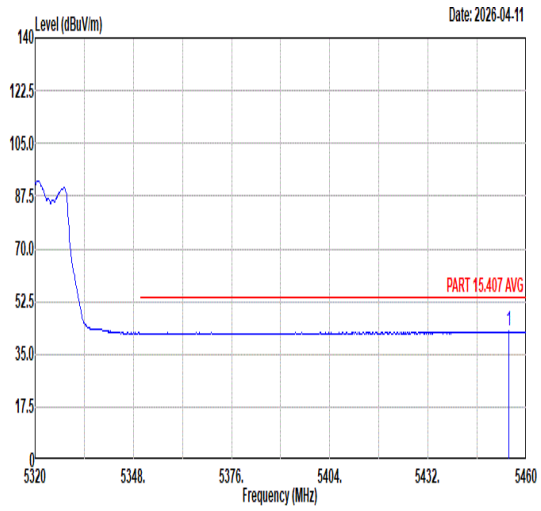
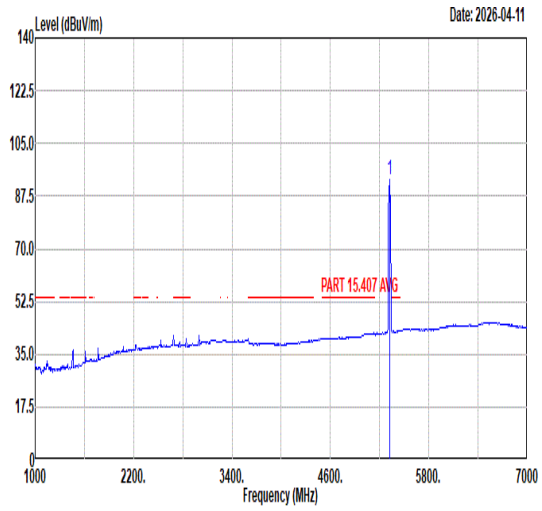
Mode	20	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6960.00 53.01 68.30 -15.29 69.22 35.70 13.13 65.04 176 239 Peak 2 10440.00 47.46 68.30 -20.84 57.75 37.56 16.05 63.90 --- --- Peak 3 15660.00 49.45 74.00 -24.55 53.35 40.39 19.59 63.88 --- --- 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 6960.00 48.17 68.30 -20.13 64.38 35.70 13.13 65.04 100 198 Peak 2 10440.00 48.18 68.30 -20.12 58.47 37.56 16.05 63.90 --- --- Peak 3 15660.00 50.87 74.00 -23.13 54.77 40.39 19.59 63.88 --- --- Peak

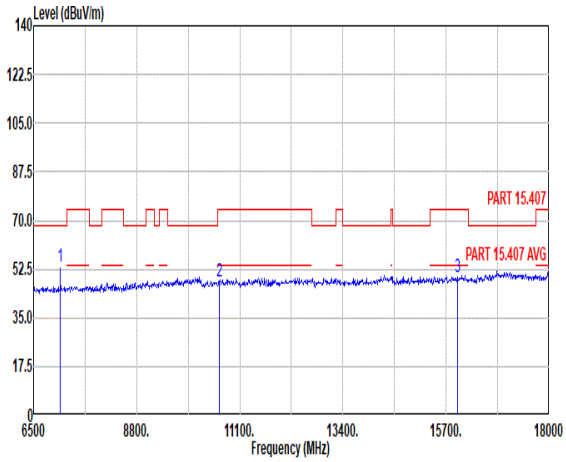
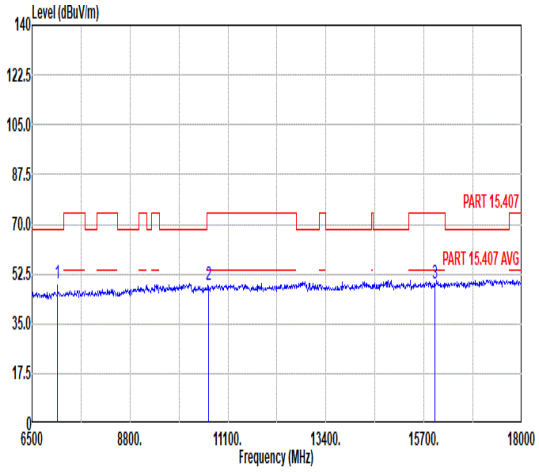
Mode	21	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6986.00 53.07 68.30 -15.23 69.30 35.70 13.15 65.08 175 235 Peak 2 10480.00 48.36 68.30 -19.94 58.58 37.59 16.09 63.90 --- --- Peak 3 15720.00 49.77 74.00 -24.23 53.73 40.46 19.61 64.03 --- --- 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 6986.00 47.79 68.30 -20.51 64.02 35.70 13.15 65.08 100 199 Peak 2 10480.00 49.24 68.30 -19.06 59.46 37.59 16.09 63.90 --- --- Peak 3 15720.00 50.30 74.00 -23.70 54.26 40.46 19.61 64.03 --- --- Peak

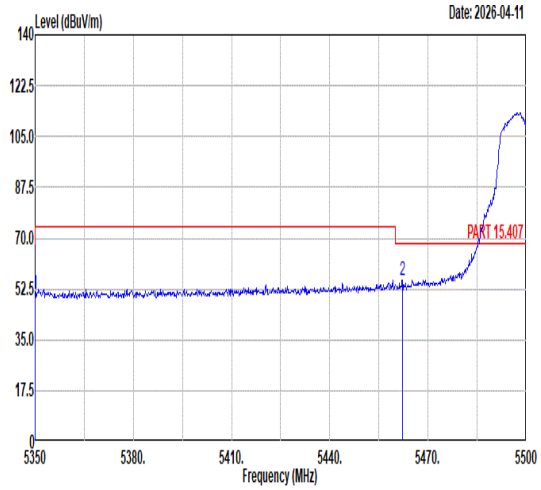
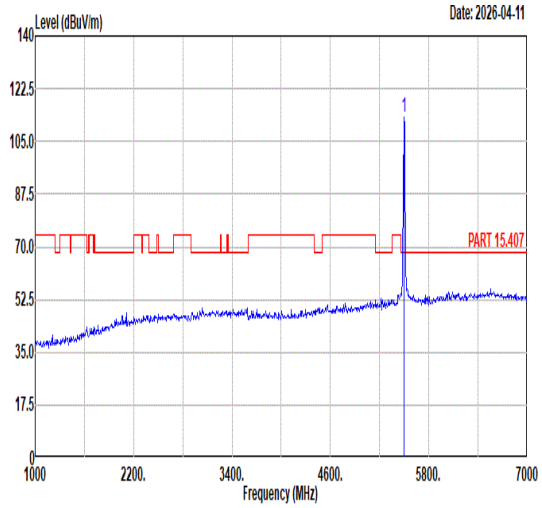
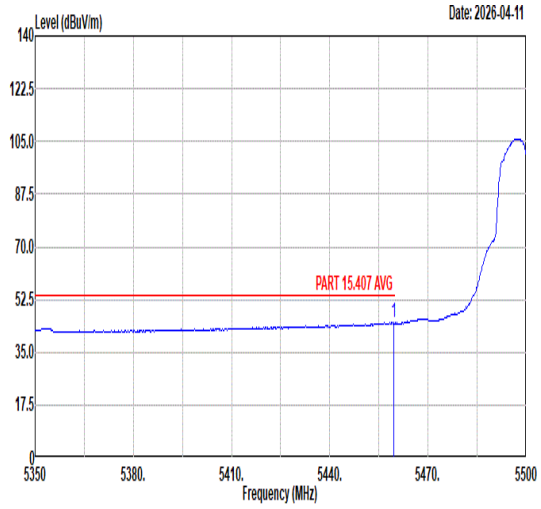
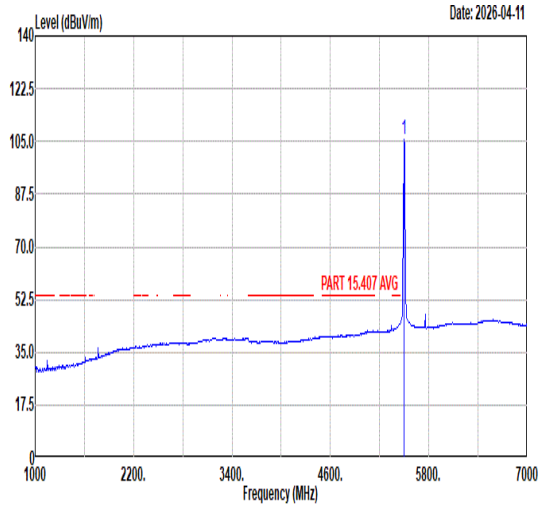
Mode	22	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11n HT20_CH52_5260MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7013.00 53.55 68.30 -14.75 69.76 35.69 13.18 65.08 175 235 Peak 2 10520.00 48.20 68.30 -20.10 58.34 37.62 16.12 63.88 --- --- Peak 3 15780.00 50.49 74.00 -23.51 54.48 40.54 19.64 64.17 --- --- 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 7013.00 48.74 68.30 -19.56 64.95 35.69 13.18 65.08 100 198 Peak 2 10520.00 49.98 68.30 -18.32 60.12 37.62 16.12 63.88 --- --- Peak 3 15780.00 50.17 74.00 -23.83 54.16 40.54 19.64 64.17 --- --- Peak

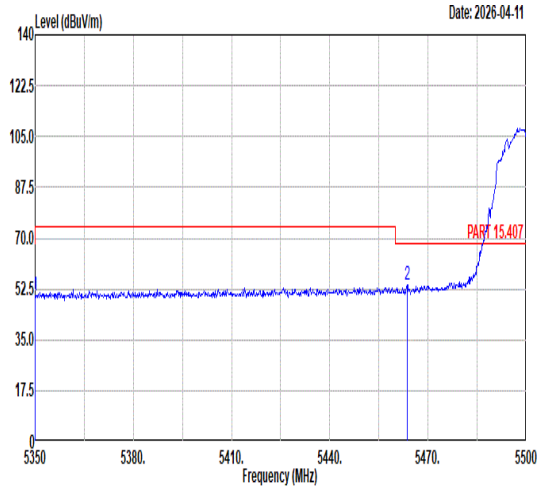
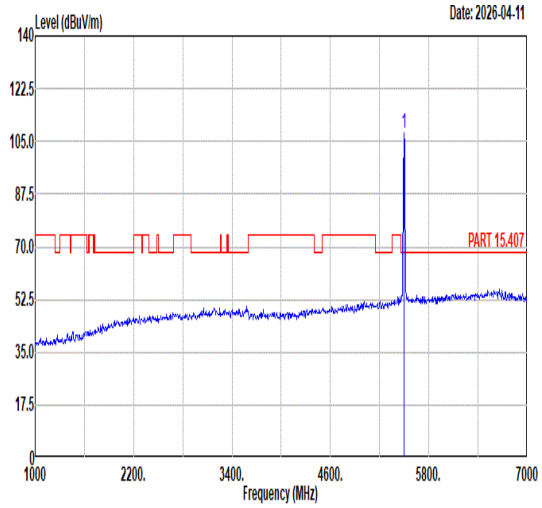
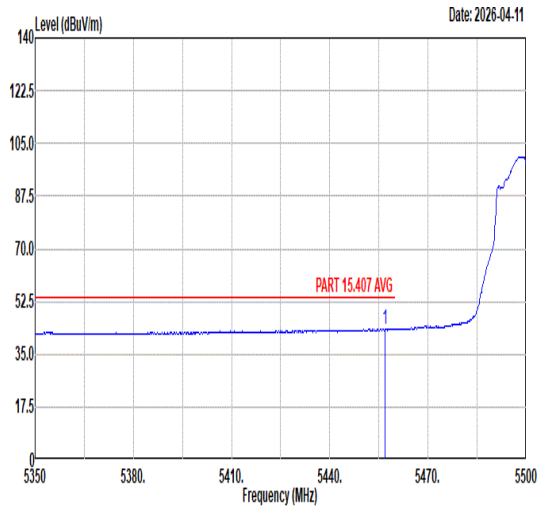
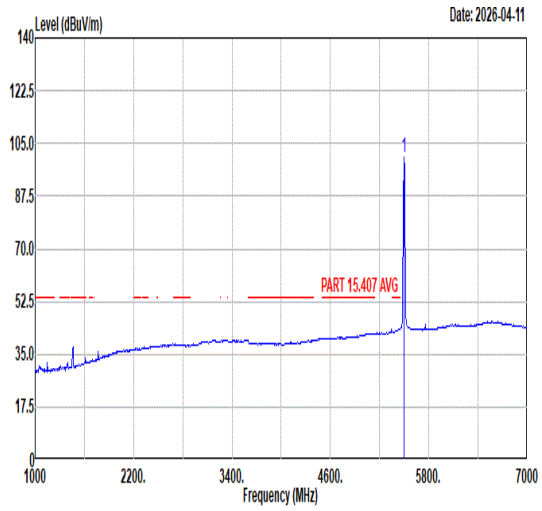
Mode	23	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11n HT20_CH60_5300MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7066.00 53.01 68.30 -15.29 69.07 35.67 13.25 64.98 175 236 Peak 2 10600.00 49.50 74.00 -24.50 59.45 37.68 16.19 63.82 --- --- Peak 3 15900.00 49.89 74.00 -24.11 53.91 40.68 19.76 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 7066.00 48.50 68.30 -19.80 64.56 35.67 13.25 64.98 100 199 Peak 2 10600.00 48.40 74.00 -25.60 58.35 37.68 16.19 63.82 --- --- Peak 3 15900.00 49.98 74.00 -24.02 54.00 40.68 19.76 64.46 --- --- Peak

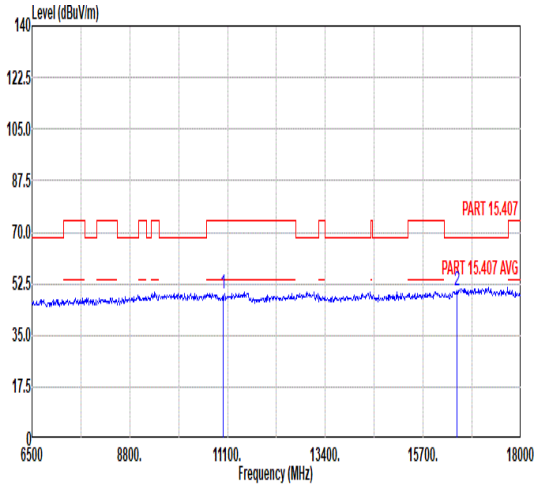
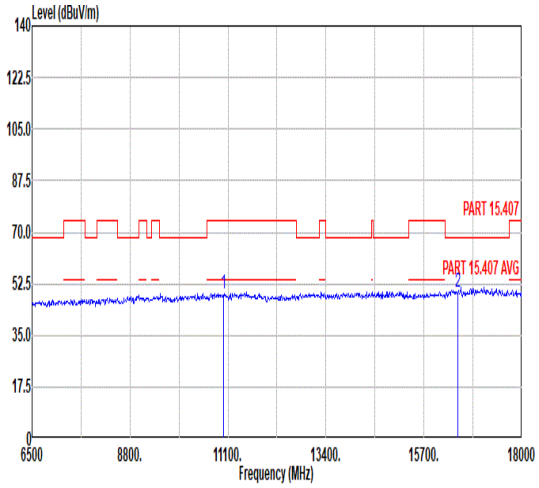
Mode	24	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11n HT20_CH64_5320MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5351.50 54.04 74.00 -19.96 38.63 34.41 11.58 30.58 184 132 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 111.72 ------ ------ 96.38 34.39 11.55 30.60 184 132 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 5351.50 43.98 54.00 -10.02 28.57 34.41 11.58 30.58 184 132 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 104.94 ------ ------ 89.60 34.39 11.55 30.60 184 132 AVERAGE

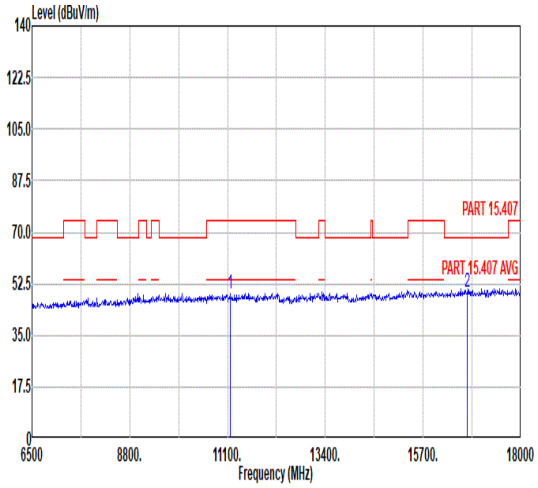
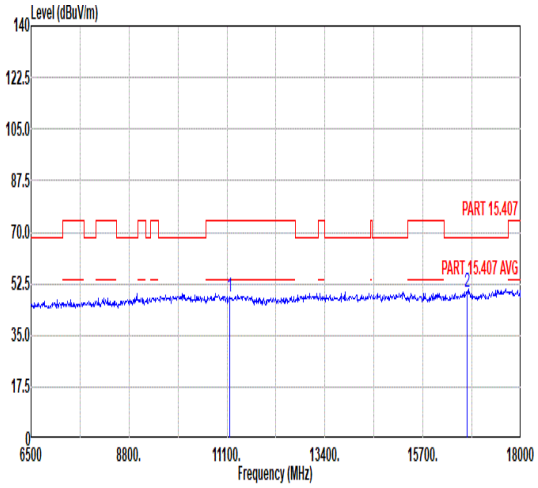
Mode	24	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11n HT20_CH64_5320MHz	
ANT	1+2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5393.36 52.92 74.00 -21.08 37.43 34.44 11.61 30.56 376 360 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 99.15 ------ ------ 83.81 34.39 11.55 30.60 376 360 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5454.96 42.53 54.00 -11.47 26.91 34.47 11.67 30.52 376 360 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5320.00 92.84 ------ ------ 77.50 34.39 11.55 30.60 376 360 AVERAGE

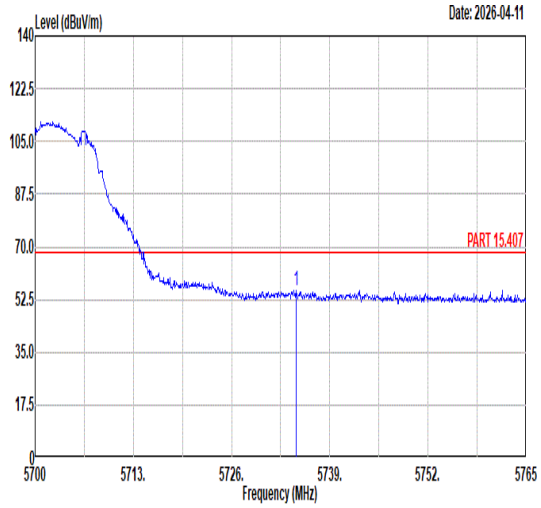
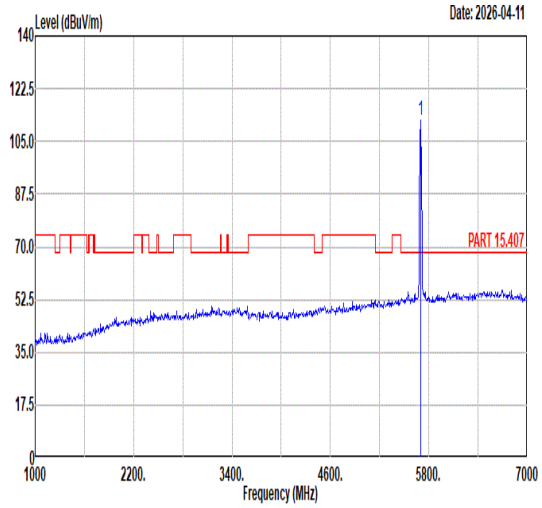
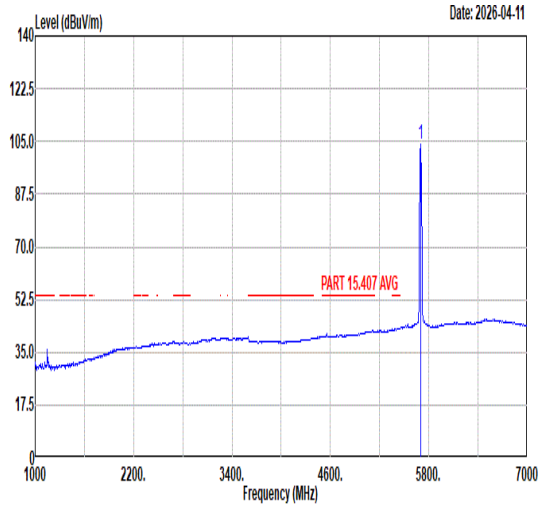
Mode	24	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11n HT20_CH64_5320MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 7093.00 53.42 68.30 -14.88 69.40 35.66 13.29 64.93 175 235 Peak 2 10640.00 48.18 74.00 -25.82 58.03 37.71 16.23 63.79 --- --- Peak 3 15960.00 49.88 74.00 -24.12 53.89 40.75 19.84 64.60 --- --- 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 7093.00 48.89 68.30 -19.41 64.87 35.66 13.29 64.93 100 198 Peak 2 10640.00 48.61 74.00 -25.39 58.46 37.71 16.23 63.79 --- --- Peak 3 15960.00 49.35 74.00 -24.65 53.36 40.75 19.84 64.60 --- --- Peak

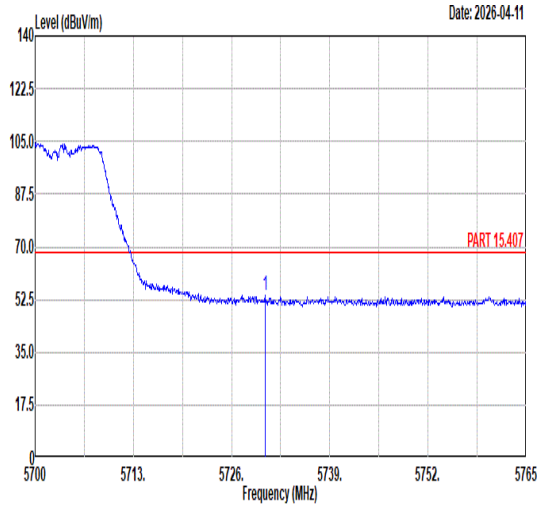
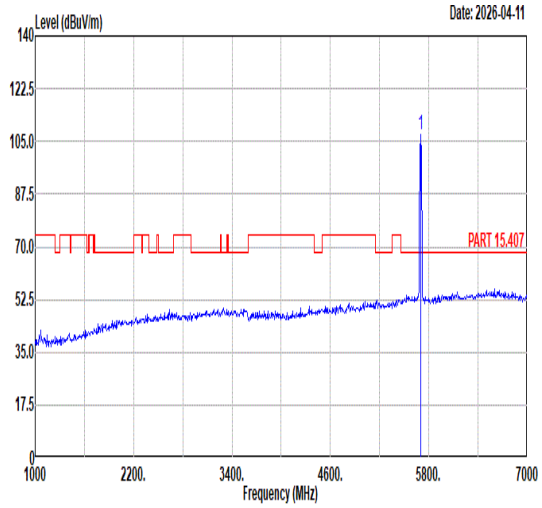
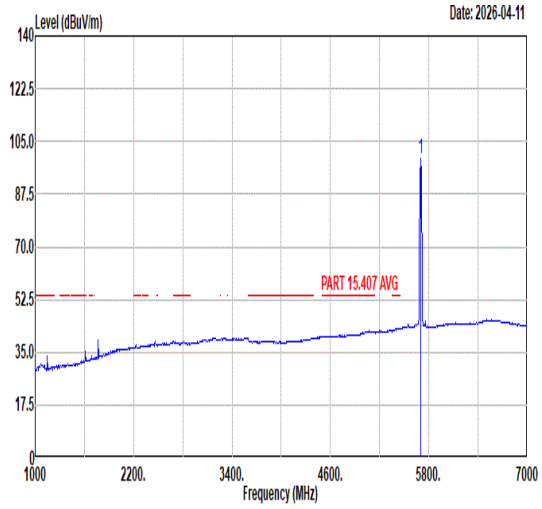
Mode	25	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11n HT20_CH100_5500MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.00 50.92 68.30 -17.38 35.52 34.41 11.58 30.59 183 220 PEAK 2 5462.20 55.37 68.30 -12.93 39.74 34.48 11.67 30.52 183 220 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 112.90 ------ ------ 97.20 34.50 11.71 30.51 183 220 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5459.65 44.90 54.00 -9.10 29.27 34.48 11.67 30.52 183 220 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 105.51 ------ ------ 89.81 34.50 11.71 30.51 183 220 AVERAGE

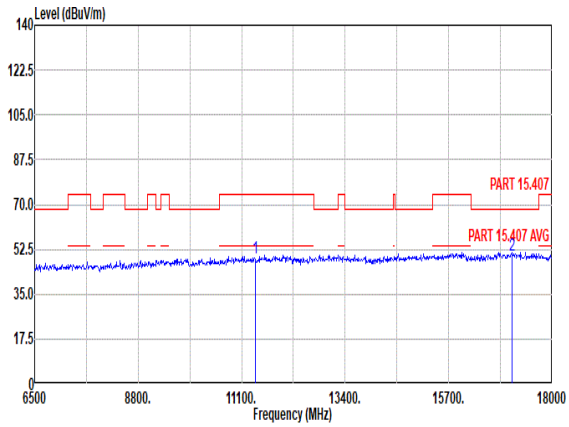
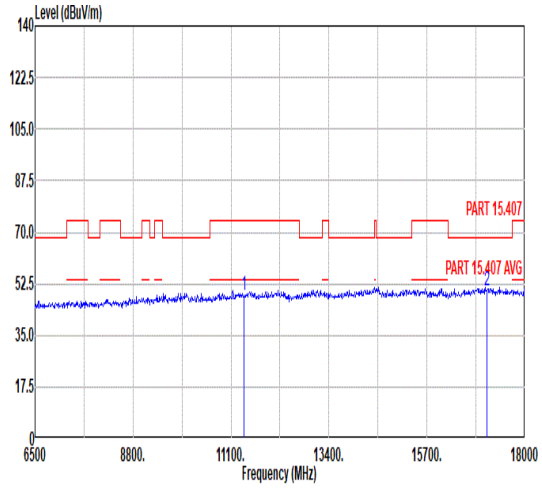
Mode	25	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11n HT20_CH100_5500MHz	
ANT	1+2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5350.00 50.32 68.30 -17.98 34.92 34.41 11.58 30.59 300 193 PEAK 2 5463.70 53.81 68.30 -14.49 38.18 34.48 11.67 30.52 300 193 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 107.59 ------ ------ 91.89 34.50 11.71 30.51 300 193 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5456.95 43.41 54.00 -10.59 27.79 34.47 11.67 30.52 300 193 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5500.00 100.17 ------ ------ 84.47 34.50 11.71 30.51 300 193 AVERAGE

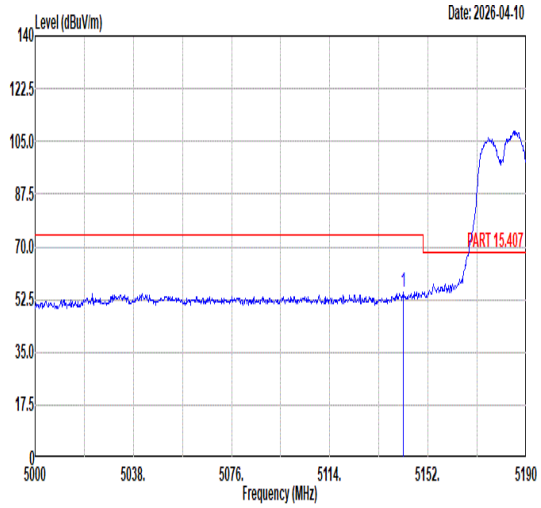
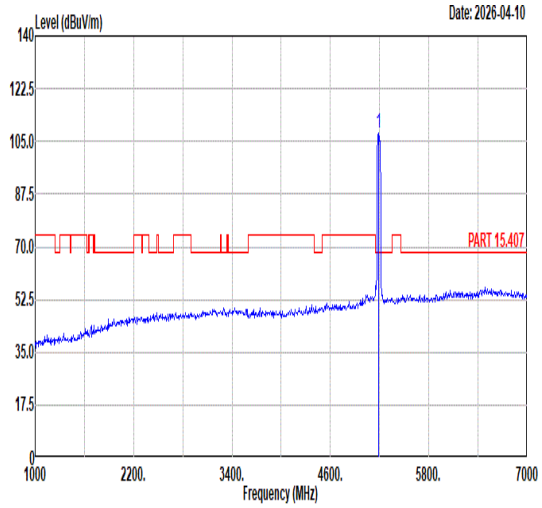
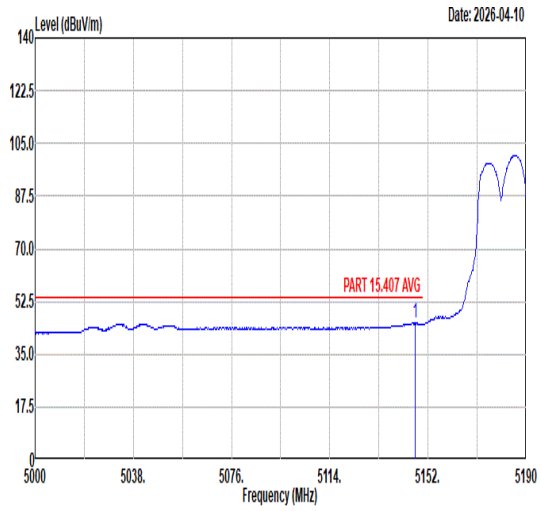
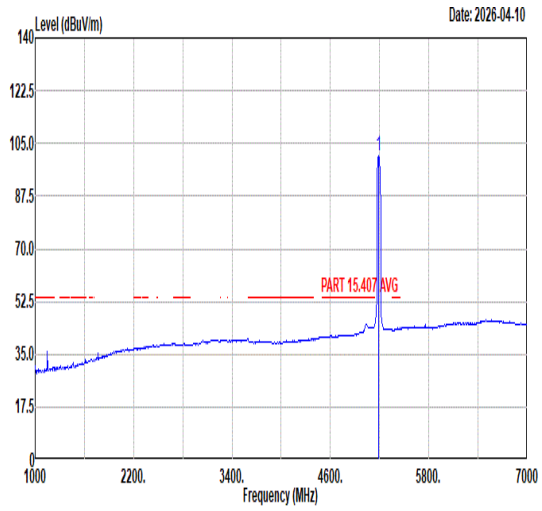
Mode	25	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11n HT20_CH100_5500MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 49.29 74.00 -24.71 58.35 38.00 16.44 63.50 --- --- Peak 2 16500.00 49.93 68.30 -18.37 53.70 41.20 20.03 65.00 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11000.00 48.93 74.00 -25.07 57.99 38.00 16.44 63.50 --- --- Peak 2 16500.00 49.60 68.30 -18.70 53.37 41.20 20.03 65.00 --- --- Peak

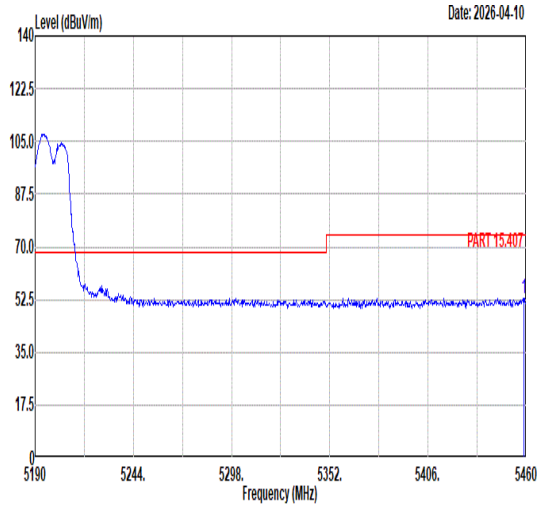
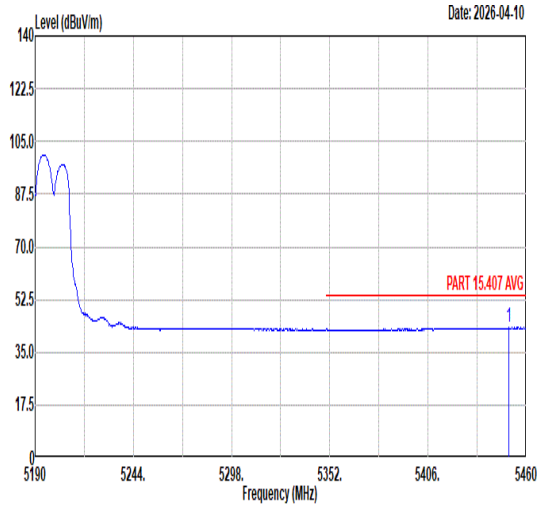
Mode	26	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11n HT20_CH116_5580MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 49.08 74.00 -24.92 57.83 38.10 16.52 63.37 --- --- Peak 2 16740.00 49.61 68.30 -18.69 53.22 41.30 19.99 64.90 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11160.00 48.29 74.00 -25.71 57.04 38.10 16.52 63.37 --- --- Peak 2 16740.00 49.49 68.30 -18.81 53.10 41.30 19.99 64.90 --- --- Peak

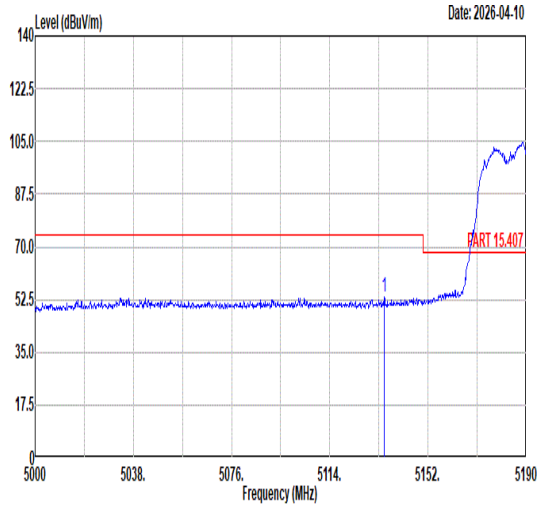
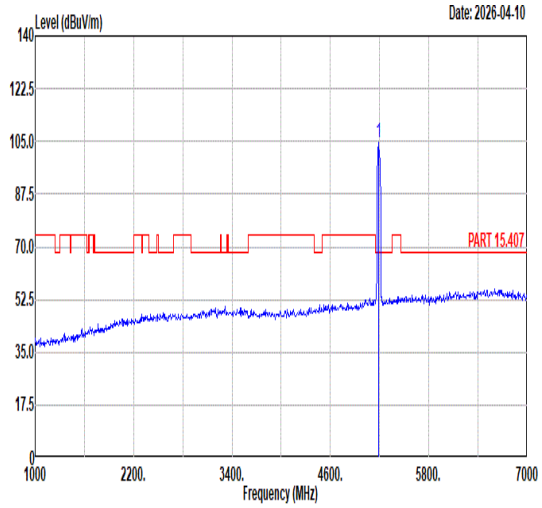
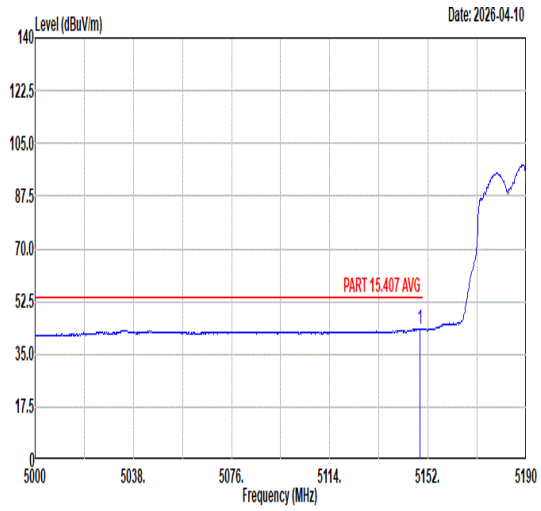
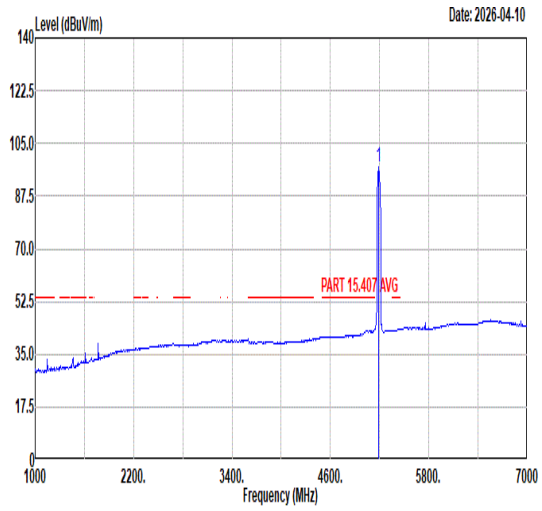
Mode	27	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11n HT20_CH140_5700MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5734.58 55.73 68.30 -12.57 39.65 34.92 11.95 30.79 181 128 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 112.17 ------ ------ 96.14 34.87 11.91 30.75 181 128 PEAK
Avg	Blank	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 104.20 ------ ------ 88.17 34.87 11.91 30.75 181 128 AVERAGE

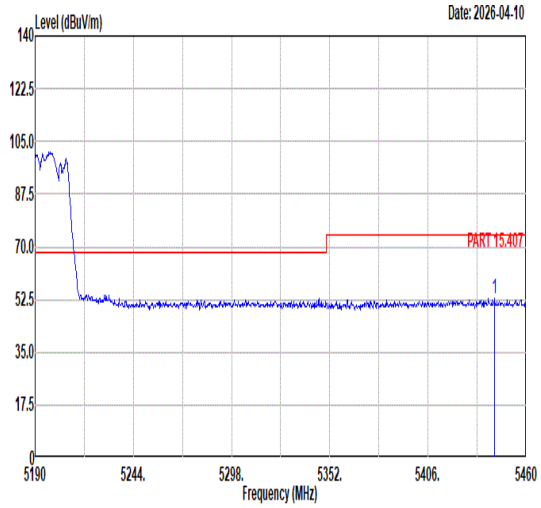
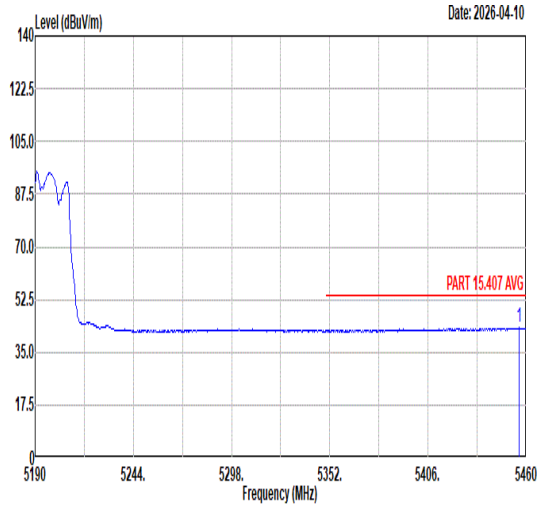
Mode	27	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11n HT20_CH140_5700MHz	
ANT	1+2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5730.42 53.92 68.30 -14.38 37.85 34.91 11.95 30.79 306 207 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 107.32 ------ ------ 91.30 34.86 11.91 30.75 306 207 PEAK
Avg	Blank	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5700.00 99.48 ------ ------ 83.46 34.86 11.91 30.75 306 207 AVERAGE

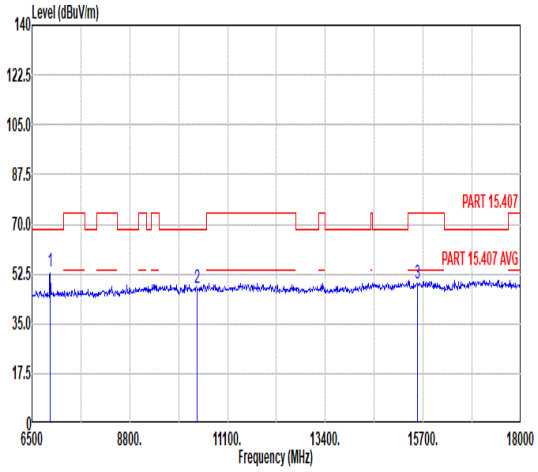
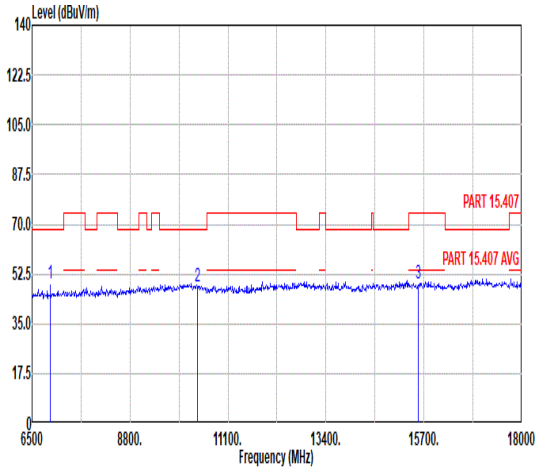
Mode	27	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11n HT20_CH140_5700MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 48.93 74.00 -25.07 57.08 38.24 16.79 63.18 --- --- Peak 2 17100.00 50.28 68.30 -18.02 53.56 41.30 20.38 64.96 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 11400.00 48.59 74.00 -25.41 56.74 38.24 16.79 63.18 --- --- Peak 2 17100.00 50.14 68.30 -18.16 53.42 41.30 20.38 64.96 --- --- Peak

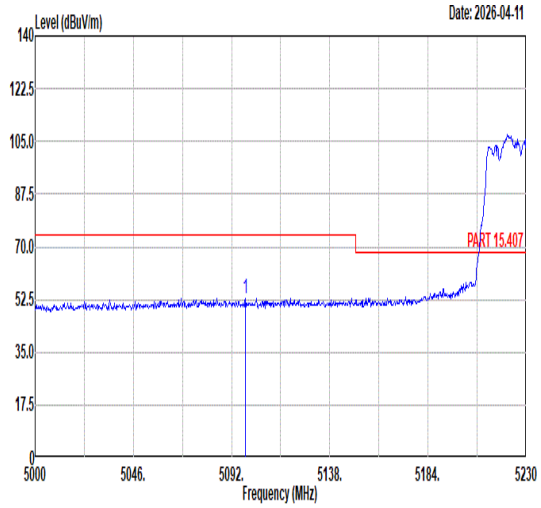
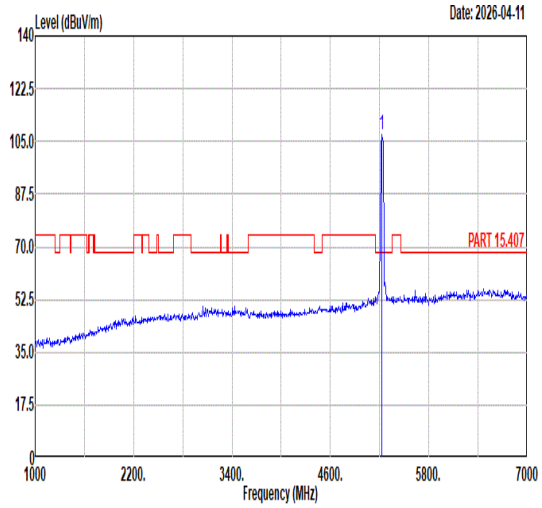
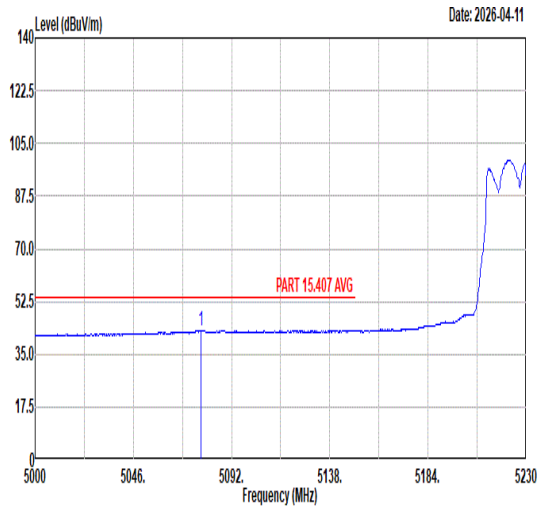
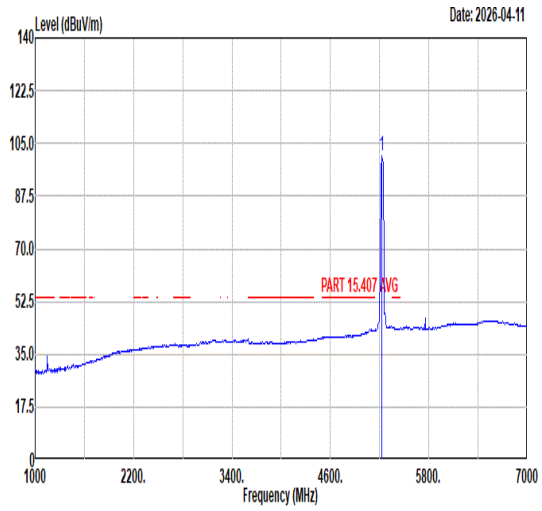
Mode	28	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5142.50 54.98 74.00 -19.02 40.10 34.29 11.30 30.71 166 259 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 5190.00 107.66 ------ ------ 92.62 34.31 11.42 30.69 166 259 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 5147.06 45.50 54.00 -8.50 30.61 34.29 11.31 30.71 166 259 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 5190.00 100.73 ------ ------ 85.69 34.31 11.42 30.69 166 259 AVERAGE

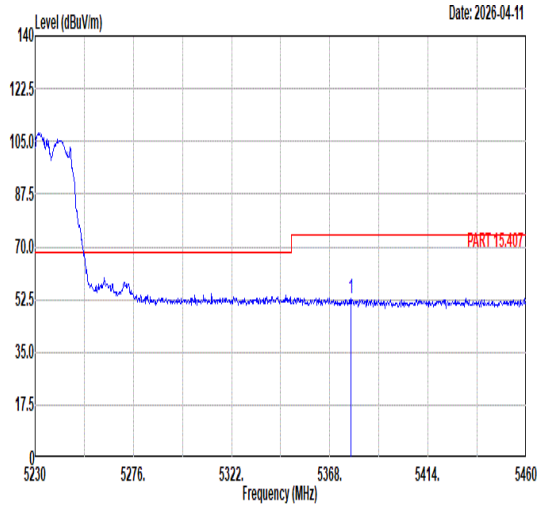
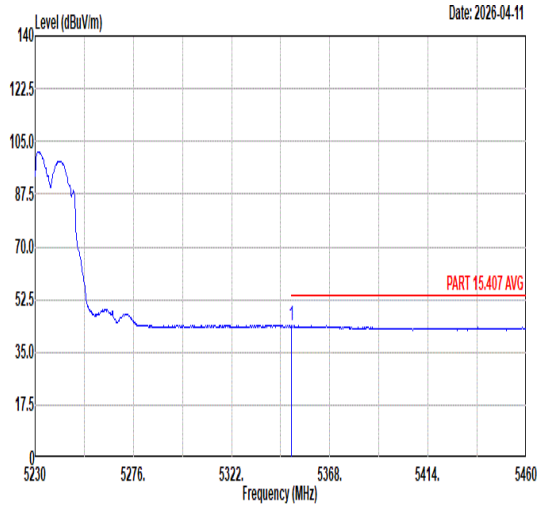
Mode	28	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5458.65 53.04 74.00 -20.96 37.41 34.48 11.67 30.52 166 259 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 5450.28 43.15 54.00 -10.85 27.54 34.47 11.66 30.52 166 259 AVERAGE	Blank

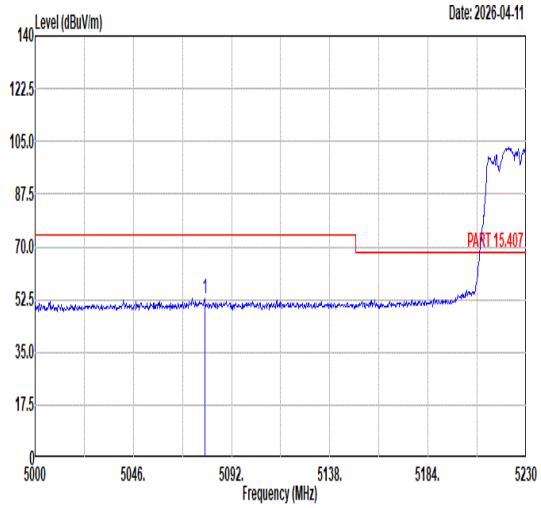
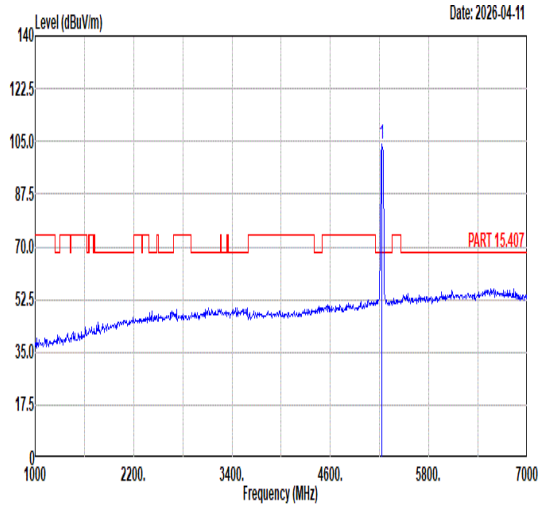
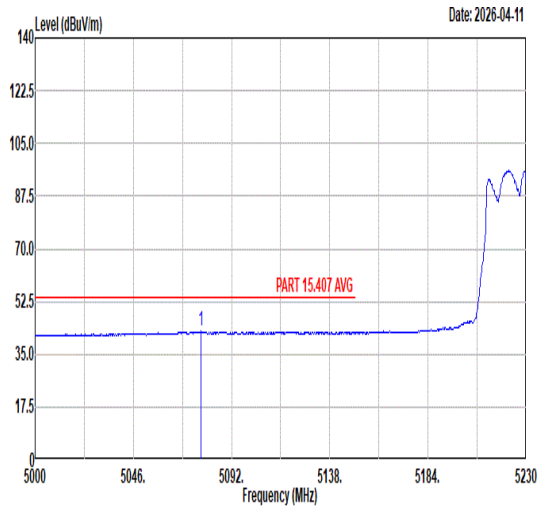
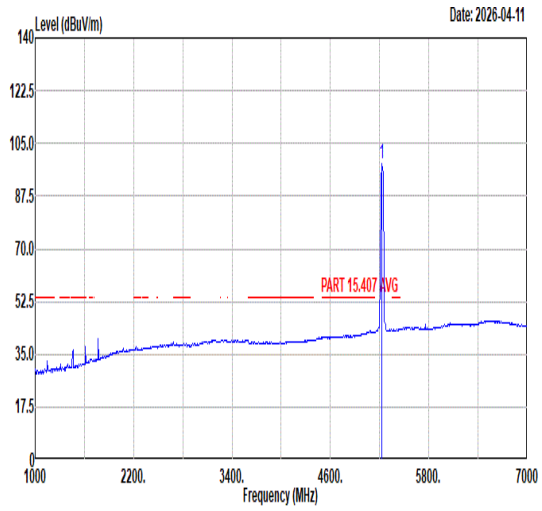
Mode	28	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1+2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5135.09 53.25 74.00 -20.75 38.41 34.28 11.28 30.72 276 185 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 5190.00 104.53 ------ ------ 89.49 34.31 11.42 30.69 276 185 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 5148.77 43.39 54.00 -10.61 28.50 34.29 11.31 30.71 276 185 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 5190.00 97.19 ------ ------ 82.15 34.31 11.42 30.69 276 185 AVERAGE

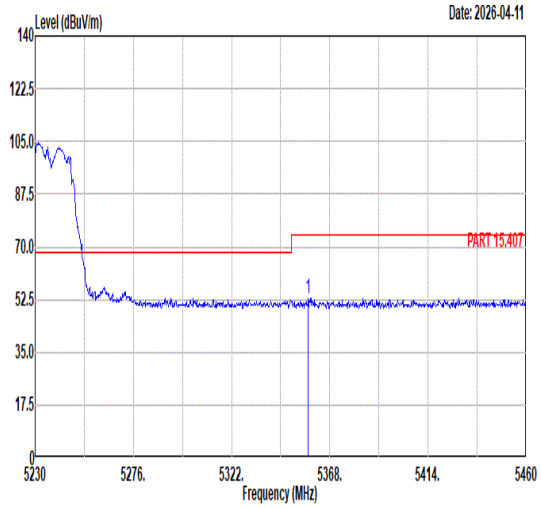
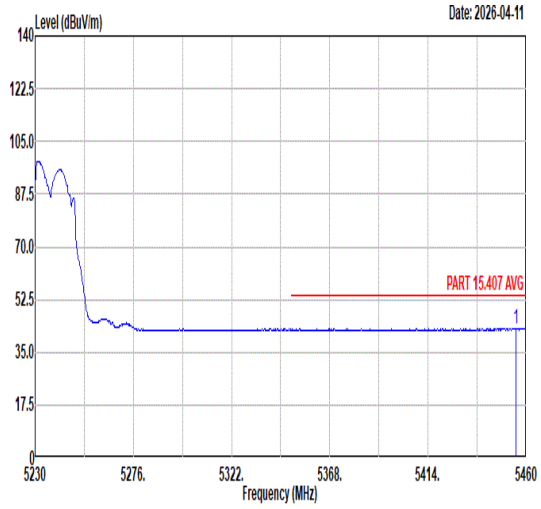
Mode	28	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1+2	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5442.72 52.67 74.00 -21.33 37.07 34.47 11.66 30.53 276 185 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 5456.22 43.11 54.00 -10.89 27.49 34.47 11.67 30.52 276 185 AVERAGE	Blank

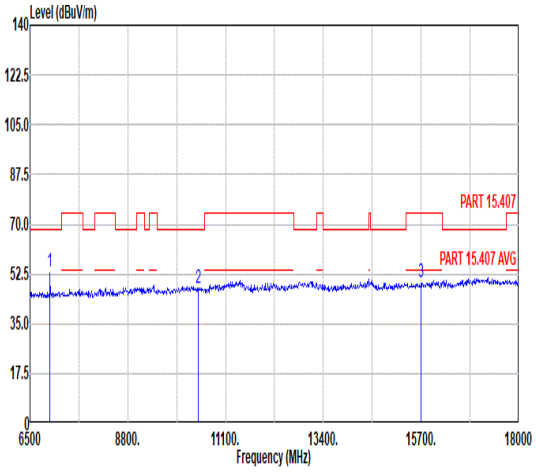
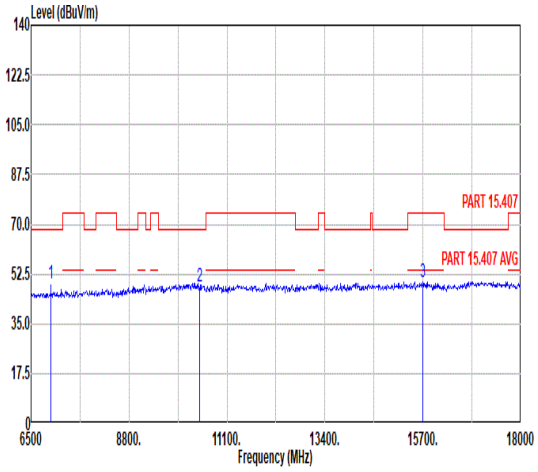
Mode	28	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6919.00 53.45 68.30 -14.85 69.65 35.70 13.09 64.99 171 236 Peak 2 10380.00 47.79 68.30 -20.51 58.13 37.53 16.03 63.90 --- --- Peak 3 15570.00 48.94 74.00 -25.06 52.79 40.28 19.54 63.67 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 6919.00 48.97 68.30 -19.33 65.17 35.70 13.09 64.99 100 198 Peak 2 10380.00 48.10 68.30 -20.20 58.44 37.53 16.03 63.90 --- --- Peak 3 15570.00 49.23 74.00 -24.77 53.08 40.28 19.54 63.67 --- --- Peak

Mode	29	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 5098.44 53.06 74.00 -20.94 38.36 34.26 11.18 30.74 182 133 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 5230.00 107.32 ------ ------ 92.16 34.34 11.48 30.66 182 133 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 5077.74 42.94 54.00 -11.06 28.32 34.25 11.12 30.75 182 133 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 5230.00 101.03 ------ ------ 85.87 34.34 11.48 30.66 182 133 AVERAGE

Mode	29	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1+2	
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 5377.89 53.01 74.00 -20.99 37.55 34.43 11.60 30.57 182 133 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 43.71 54.00 -10.29 28.31 34.41 11.58 30.59 182 133 AVERAGE	Blank

Mode	29	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1+2	
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 5079.35 52.68 74.00 -21.32 38.05 34.25 11.13 30.75 257 138 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 5230.00 104.32 ------ ------ 89.16 34.34 11.48 30.66 257 138 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 5077.74 42.54 54.00 -11.46 27.92 34.25 11.12 30.75 257 138 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 98.08 ------ ------ 82.92 34.34 11.48 30.66 257 138 AVERAGE

Mode	29	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1+2	
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 5357.88 52.82 74.00 -21.18 37.41 34.41 11.58 30.58 257 138 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 5455.17 42.90 54.00 -11.10 27.28 34.47 11.67 30.52 257 138 AVERAGE	Blank

Mode	29	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1+2	
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 6973.00 53.29 68.30 -15.01 69.51 35.70 13.14 65.06 175 236 Peak 2 10460.00 47.65 68.30 -20.65 57.90 37.58 16.07 63.90 --- --- Peak 3 15690.00 49.65 74.00 -24.35 53.58 40.43 19.60 63.96 --- --- 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 6973.00 49.30 68.30 -19.00 65.52 35.70 13.14 65.06 100 198 Peak 2 10460.00 48.01 68.30 -20.29 58.26 37.58 16.07 63.90 --- --- Peak 3 15690.00 49.49 74.00 -24.51 53.42 40.43 19.60 63.96 --- --- Peak