FCC RF Test Report

APPLICANT	:	**Amazon.com Services LLC**
EQUIPMENT	:	**Digital Media Receiver**
MODEL NAME	:	**CP38RE**
FCC ID	:	**2A4DH-3877**
STANDARD	:	**FCC Part 15 Subpart E §15.407**
CLASSIFICATION	:	**(NII) Unlicensed National Information Infrastructure**
TEST DATE(S)	:	**Oct. 04, 2023 ~ Dec. 25, 2023**

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

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

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR353104-01H	Rev. 01	Initial issue of report	Dec. 28, 2023

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	≤ 24 dBm	≤ 30 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm/MHz	≤ 30 dBm/500kHz	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	15.407(b)(4)(i) &15.209(a)	Pass	Under limit 3.31 dB at 5457.10 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	15.207(a)	Pass	Under limit 21.23 dB at 0.152 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Discontinue Transmission	Pass	-
3.7	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

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

1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	CP38RE
FCC ID	2A4DH-3877
SN	Conducted: P0B3FD01336406W3 Conduction: G0B3230233840056 Radiation: G0B323023384003Q

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

1.3 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz 5745 MHz ~ 5825 MHz
Maximum Output Power to Antenna	**MIMO <Ant. 0+1>** **<5180 MHz ~ 5240 MHz>** 802.11a : 20.05 dBm / 0.1012 W 802.11n HT20 : 19.44 dBm / 0.0879 W 802.11n HT40 : 19.28 dBm / 0.0847 W 802.11ac VHT20: 19.39 dBm / 0.0869 W 802.11ac VHT40: 19.24 dBm / 0.0839 W 802.11ac VHT80: 16.00 dBm / 0.0398 W 802.11ax HE20: 19.51 dBm / 0.0893 W 802.11ax HE40: 19.50 dBm / 0.0891 W 802.11ax HE80: 16.23 dBm / 0.0420 W **<5260 MHz ~ 5320 MHz>** 802.11a : 19.74 dBm / 0.0942 W 802.11n HT20 : 19.76 dBm / 0.0946 W 802.11n HT40 : 19.58 dBm / 0.0908 W 802.11ac VHT20: 19.70 dBm / 0.0933 W 802.11ac VHT40: 19.54 dBm / 0.0899 W 802.11ac VHT80: 14.35 dBm / 0.0272 W 802.11ax HE20: 19.83 dBm / 0.0962 W 802.11ax HE40: 19.81 dBm / 0.0957 W 802.11ax HE80: 14.59 dBm / 0.0288 W **<5500 MHz ~ 5720 MHz >** 802.11a : 19.44 dBm / 0.0879 W

	802.11n HT20 : 19.19 dBm / 0.0830 W 802.11n HT40 : 19.20 dBm / 0.0832 W 802.11ac VHT20: 19.14 dBm / 0.0820 W 802.11ac VHT40: 19.16 dBm / 0.0824 W 802.11ac VHT80: 18.89 dBm / 0.0774 W 802.11ax HE20: 19.26 dBm / 0.0843 W 802.11ax HE40: 19.43 dBm / 0.0877 W 802.11ax HE80: 19.17 dBm / 0.0826 W **<5745 MHz ~ 5825 MHz>** 802.11a : 21.39 dBm / 0.1377 W 802.11n HT20 : 19.29 dBm / 0.0849 W 802.11n HT40 : 19.29 dBm / 0.0849 W 802.11ac VHT20: 19.21 dBm / 0.0834 W 802.11ac VHT40: 19.24 dBm / 0.0839 W 802.11ac VHT80: 19.10 dBm / 0.0813 W 802.11ax HE20: 19.43 dBm / 0.0877 W 802.11ax HE40: 19.45 dBm / 0.0881 W 802.11ax HE80: 19.26 dBm / 0.0843 W
99% Occupied Bandwidth	**<5180 MHz ~ 5240 MHz>** 802.11a: 17.53 MHz 802.11ax HE20: 19.08 MHz 802.11ax HE40: 37.56 MHz 802.11ax HE80: 76.84 MHz **<5260 MHz ~ 5320 MHz>** 802.11a: 17.63 MHz 802.11ax HE20: 19.13 MHz 802.11ax HE40: 37.56 MHz 802.11ax HE80: 76.84 MHz **<5500 MHz ~ 5720 MHz>** 802.11a: 17.58 MHz 802.11ax HE20: 19.13 MHz 802.11ax HE40: 37.56 MHz 802.11ax HE80: 76.84 MHz **<5745 MHz ~ 5825 MHz>** 802.11a: 17.58 MHz 802.11ax HE20: 19.13 MHz 802.11ax HE40: 37.56 MHz 802.11ax HE80: 76.84 MHz
Antenna Type	PCB dipole Antenna
Antenna Gain	**<5180 MHz ~ 5240 MHz>** <Ant. 0> : 5.0 dBi <Ant. 1> : 4.2 dBi **<5260 MHz ~ 5320 MHz>** <Ant. 0> : 6.0 dBi <Ant. 1> : 4.5 dBi **<5500 MHz ~ 5720 MHz>** <Ant. 0> : 5.9 dBi <Ant. 1> : 5.0 dBi **<5745 MHz ~ 5825 MHz>** <Ant. 0> : 6.0 dBi <Ant. 1> : 5.5 dBi

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

Note:

1. For SISO&MIMO mode, the whole testing has assessed only MIMO mode by referring to their higher conducted power.
2. For 802.11n 20/40MHz and 802.11ac/ax 20/40/80MHz mode, the whole testing has assessed only 802.11ax HE20/HE40/HE80 by referring to their higher conducted power.
3. 802.11ax support full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH) are tested for conducted power/PSD/RSE, all the other test cases were performed with full RU with its maximum power/PSD.

1.4 Modification of EUT

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

1.5 Testing Location

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

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

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO02-SZ; 03CH03-SZ	CN1256	421272

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH03-SZ	AUDIX	E3	6.2009-8-24
2.	CO02-SZ	AUDIX	E3	6.2009-8-24al

1.7 Applicable Standards

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

- 47 CFR Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

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

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

Note:

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

2.2 Test Mode

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

MIMO Mode

Modulation	Data Rate
802.11a	**6 Mbps**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**
802.11ac VHT20	**MCS0**
802.11ac VHT80	**MCS0**

Co-location modes
WLAN 5G 802.11a CH36 Tx + WLAN 2.4G 802.11b CH01 Tx
WLAN 5G 802.11a CH36 Tx + WLAN 6G 802.11ax HE20 CH01 Tx

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

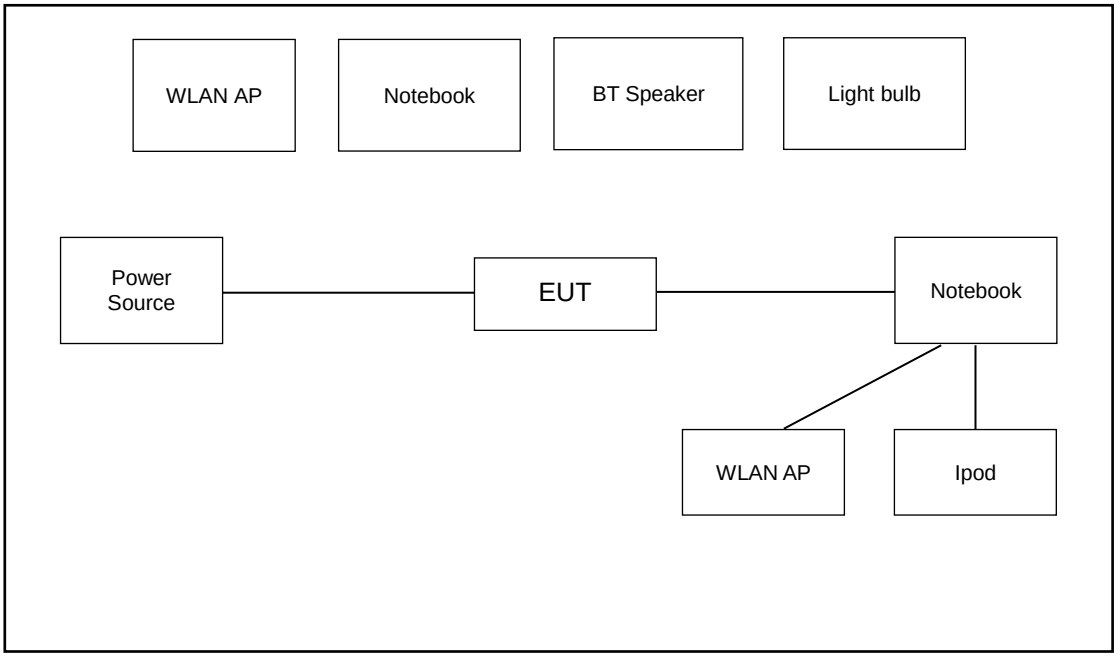
Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		20M BW	20M BW	20M BW	20M BW
L	Low	36	52	100	149
M	Middle	40/44	60	116	157
H	High	48	64	140	165
Straddle		-	-	144	-

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	-

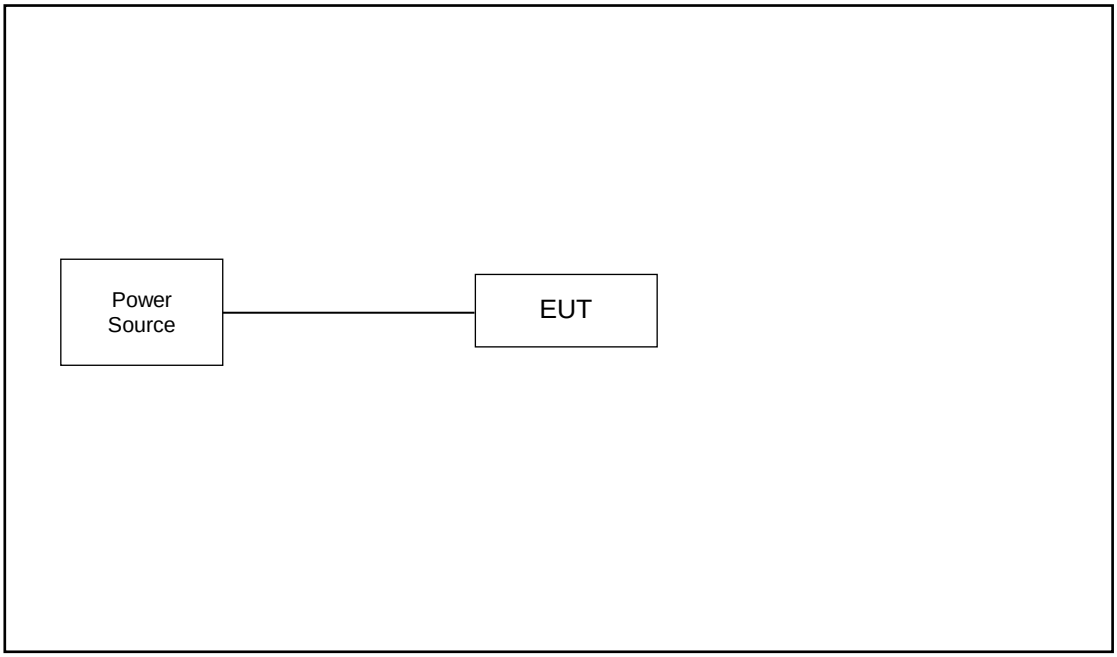
Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		80M BW	80M BW	80M BW	80M BW
L	Low	-	-	106	-
M	Middle	42	58	-	155
H	High	-	-	122	-
Straddle		-	-	138	-

2.3 Connection Diagram of Test System

For AC Conducted Emission:



For Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 2.7m with Core
2.	Notebook	Inspiron 15-7570	Fcc DoC	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
3.	BT Speaker	N/A	N/A	N/A	N/A
4.	Light bulb	N/A	N/A	N/A	N/A
5.	IPod	MC525 ZP/A	Fcc DoC	Shielded, 1.0m	N/A

2.5 EUT Operation Test Setup

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

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 2.8 dB and 10dB attenuator.

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

= 2.8 + 10 = 12.8 (dB)

3 Test Result

3.1 6dB 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

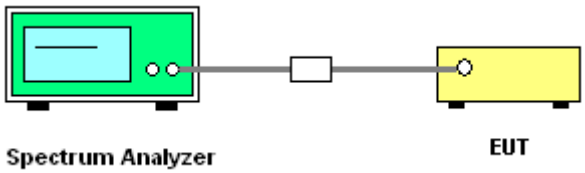
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

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

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

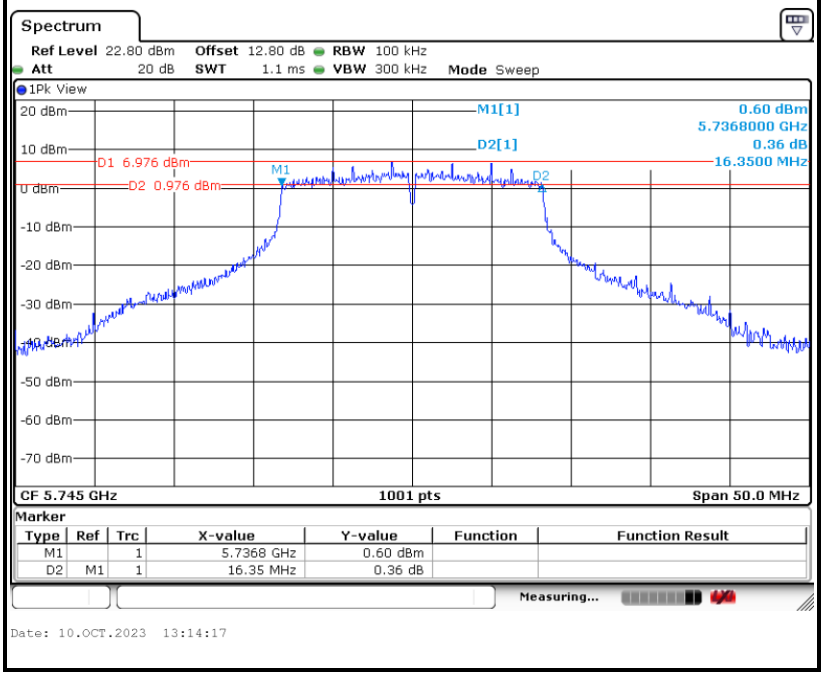
3.1.4 Test Setup



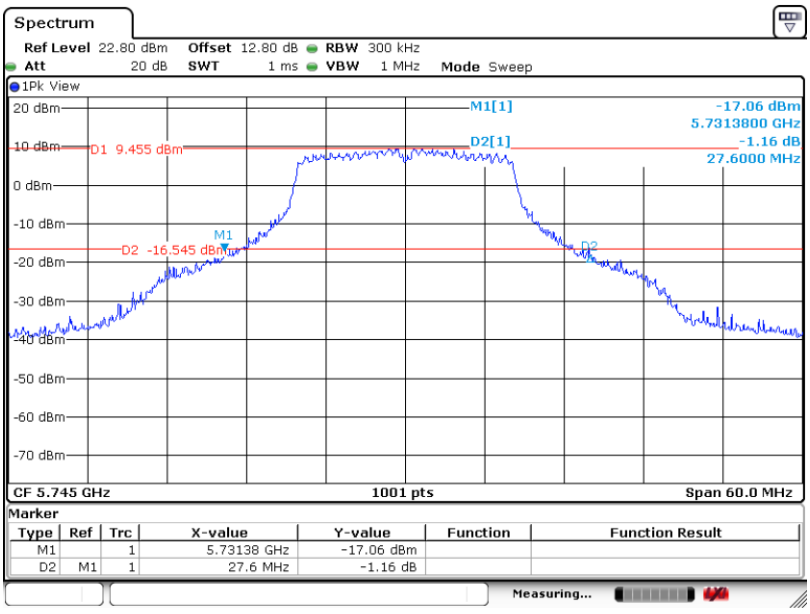
3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

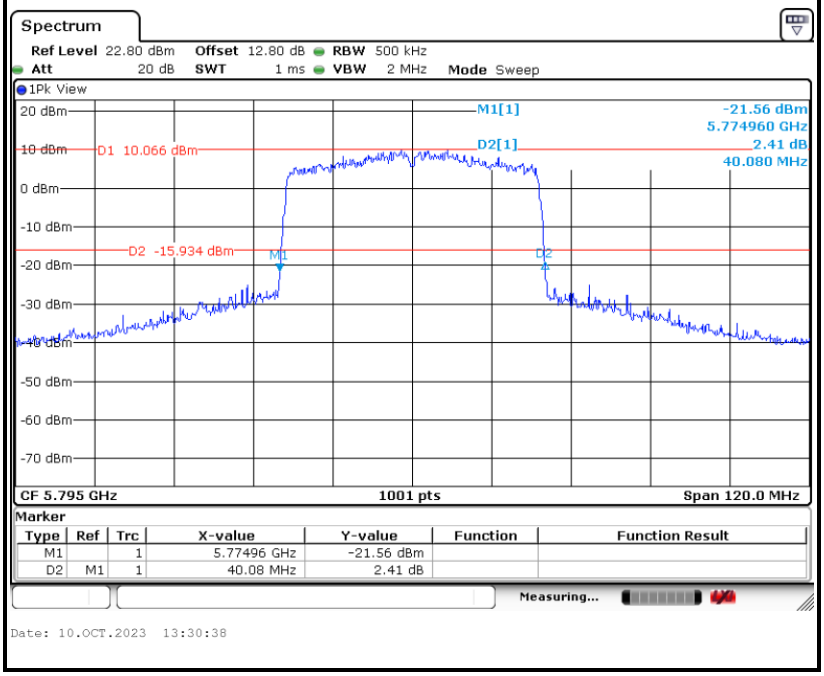
Minimum 6dB Bandwidth



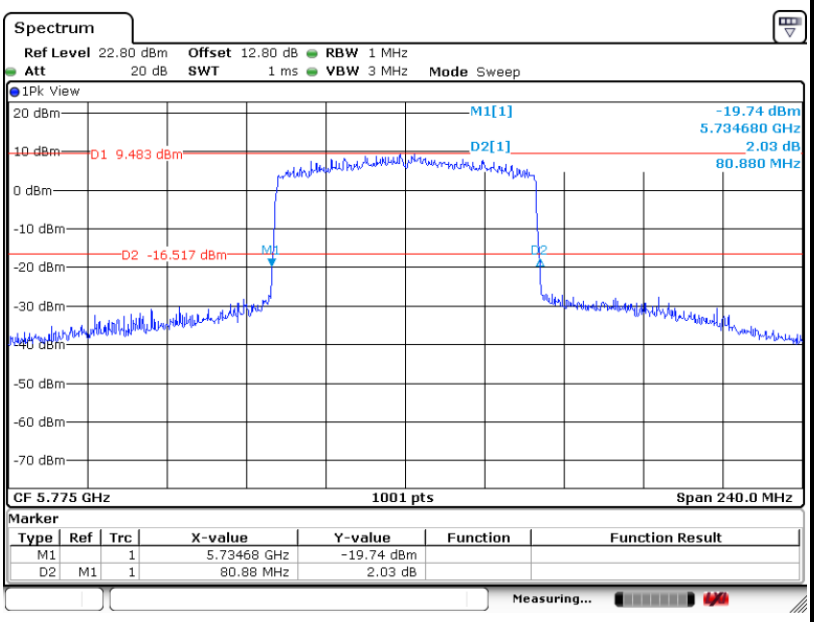
Maximum 26dB Bandwidth for 20M BW



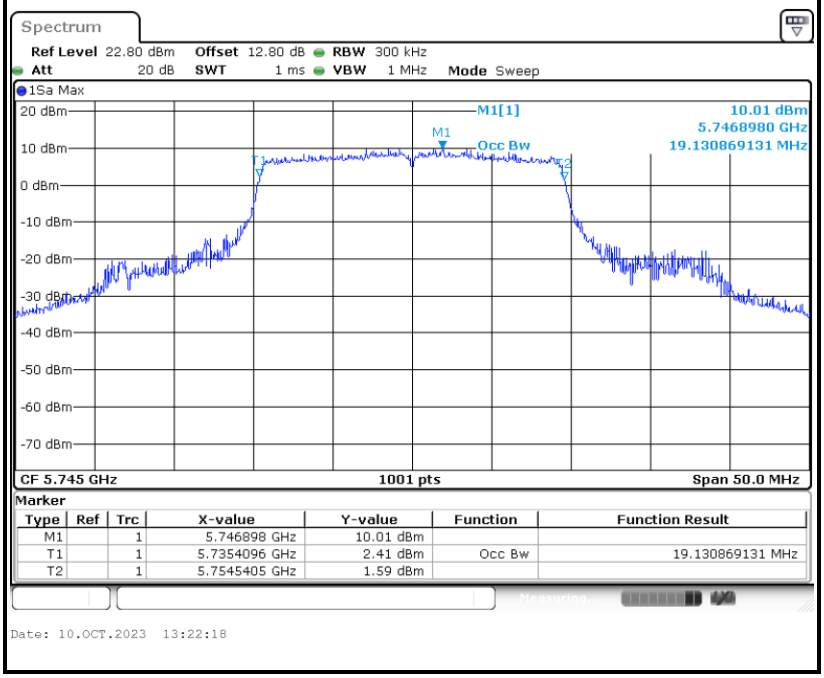
Maximum 26dB Bandwidth for 40M BW



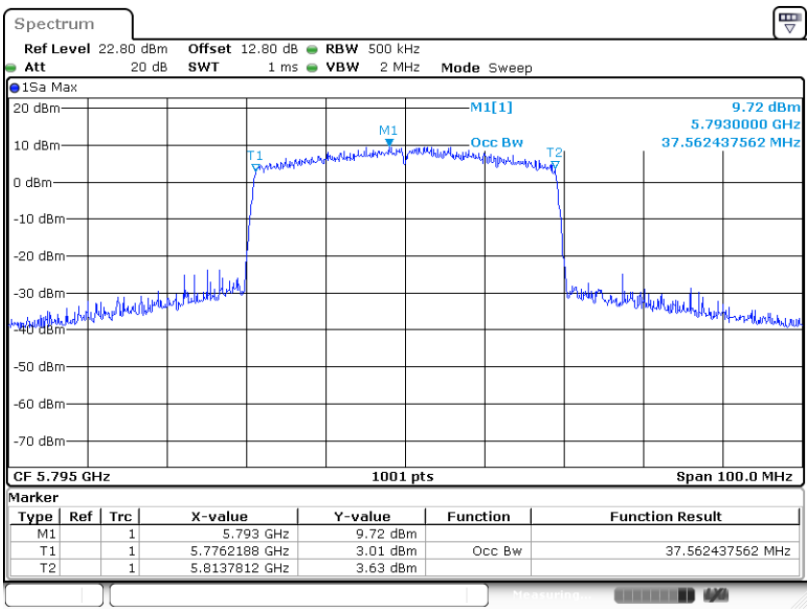
Maximum 26dB Bandwidth for 80M BW



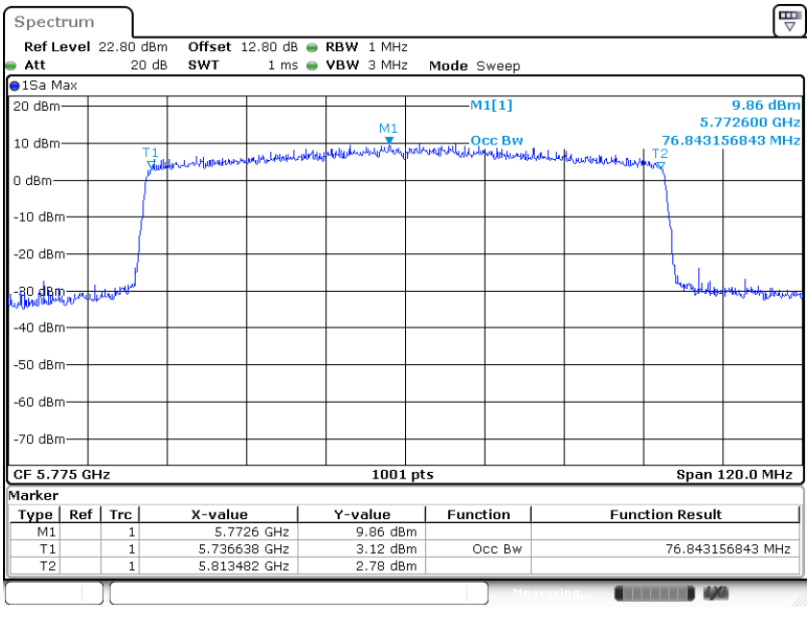
Maximum 99% Occupied Bandwidth for 20M BW



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

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

For the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log 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.

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3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

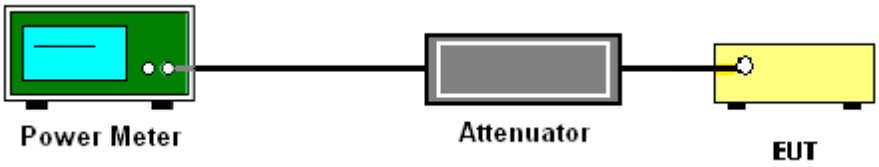
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

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

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

For 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 v01r04. Section F) Maximum power spectral density.

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

 # Method SA-2 #

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

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

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.

For UNII-1/2A/2C

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

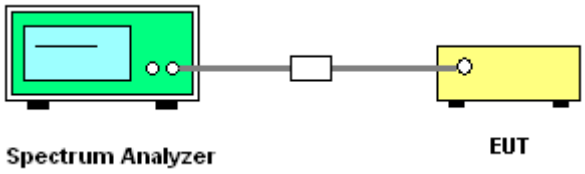
The total final Power Spectral Density is the bin-by-bin summation to obtain the combined spectrum. For the device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of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

For UNII-3

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

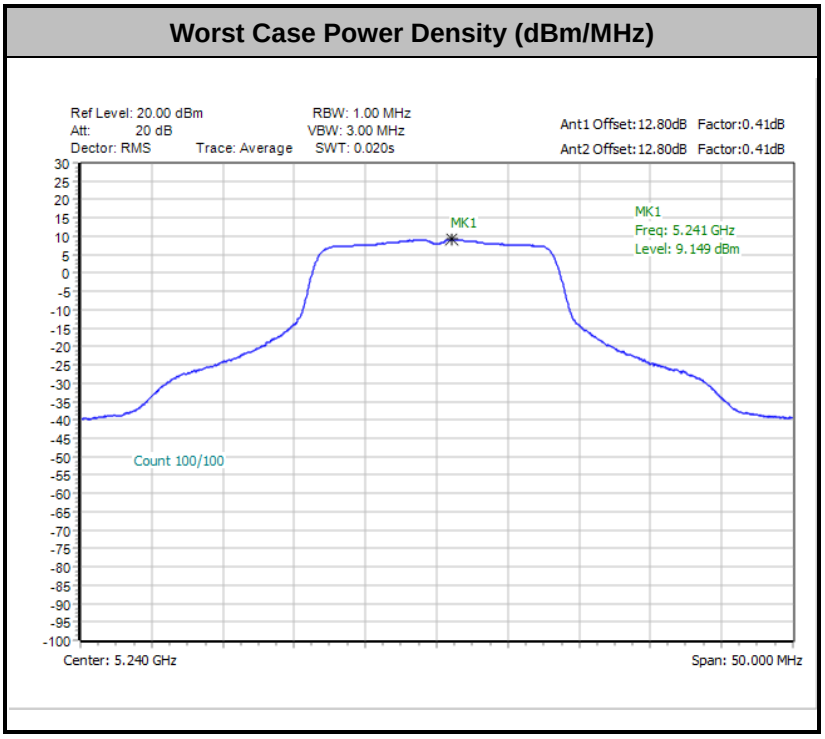


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

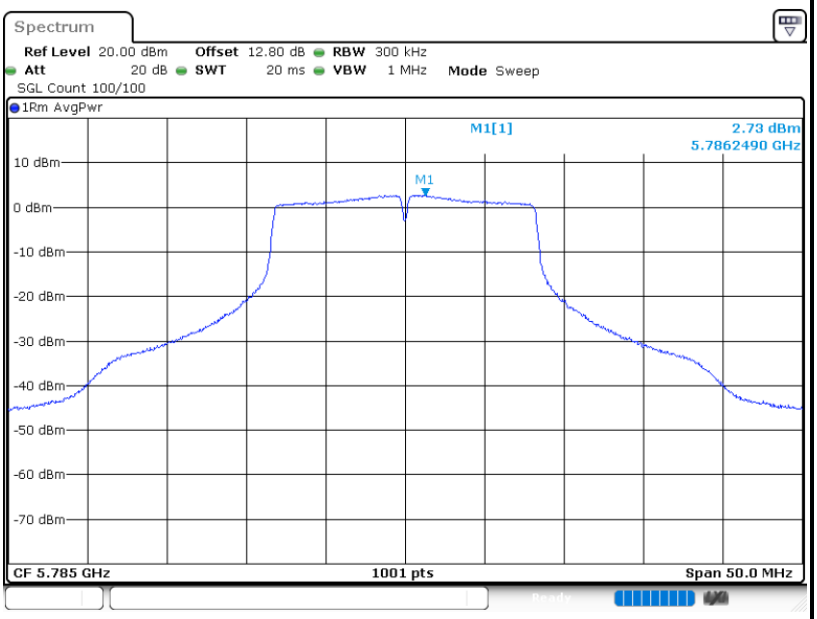
For devices operating in the bands UNII-1/2A/2C

Worst Case Power Density (dBm/MHz)

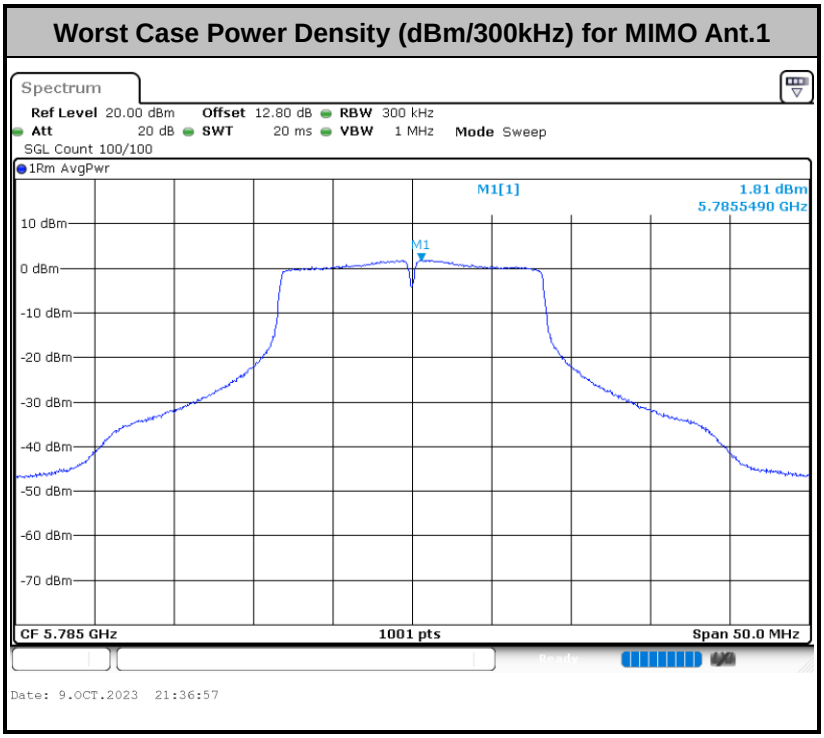


For devices operating in the band UNII-3

Worst Case Power Density (dBm/300kHz) for MIMO Ant.0



Worst Case Power Density (dBm/300kHz) for MIMO Ant.1



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

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

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

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

where

EIRP is the equivalent isotropically radiated power, in dBm

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

d_{Meas} is the measurement distance, in m

(4) ANSI C63.10-2013 clause 12.7.3 note 97

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

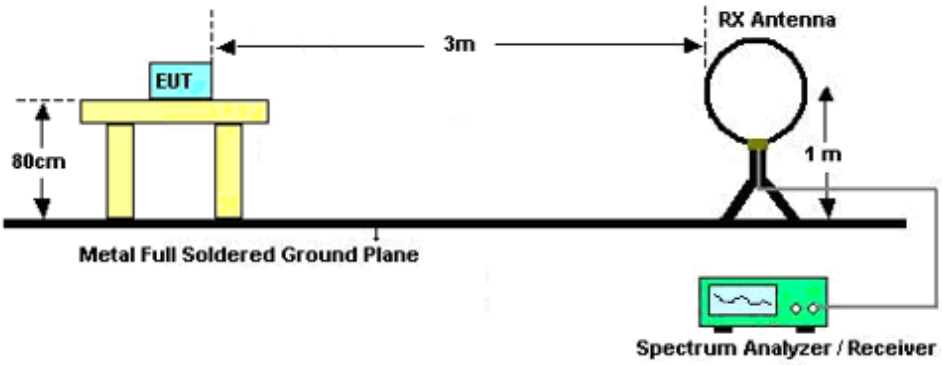
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

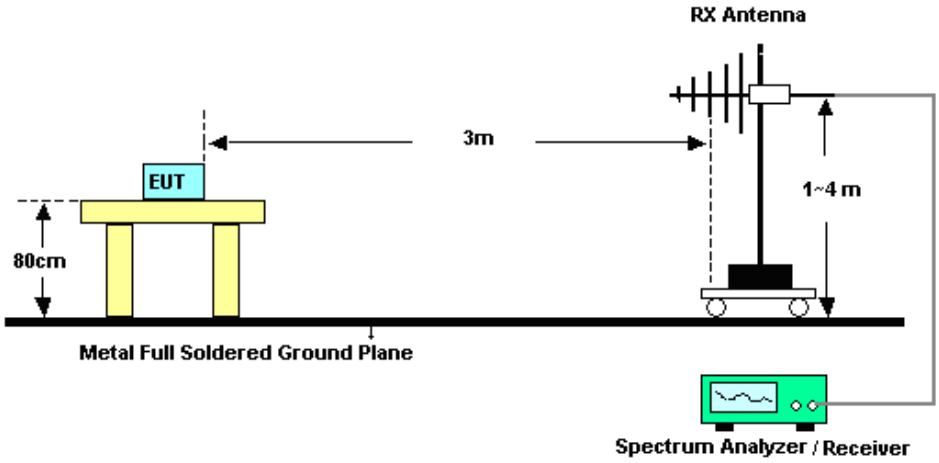
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

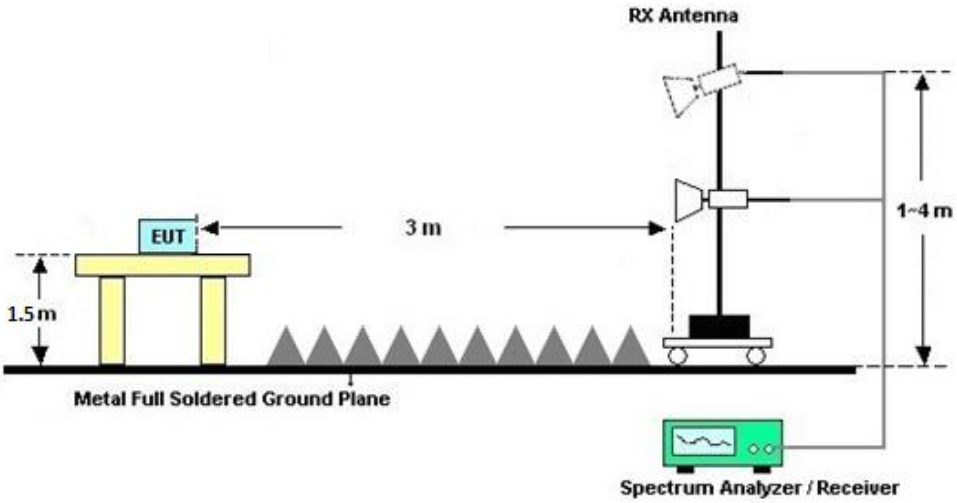
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

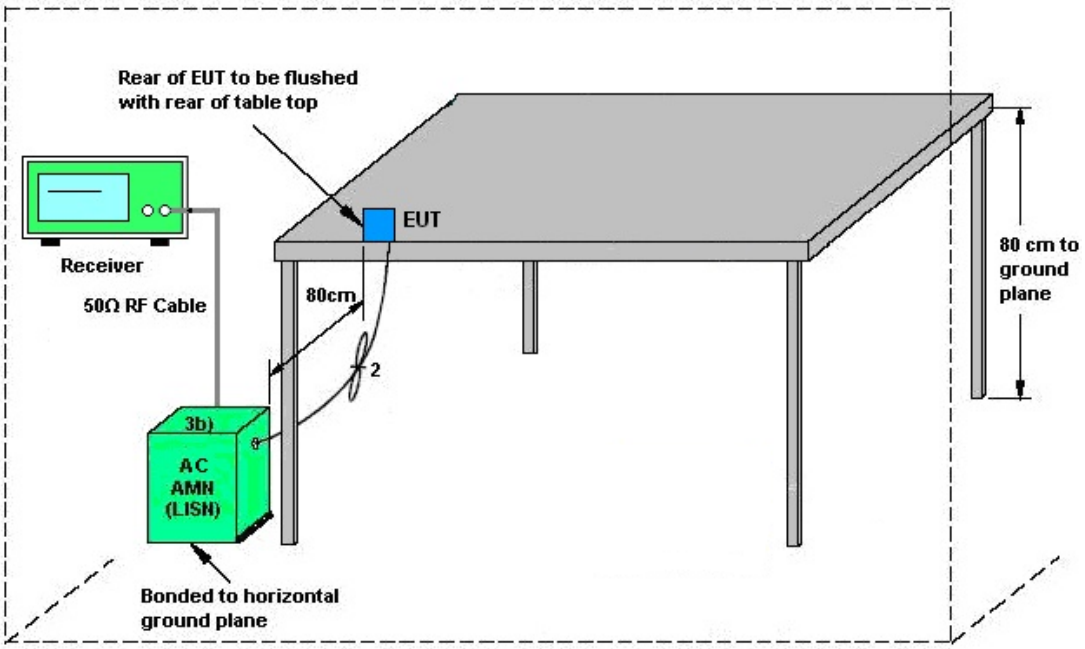
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.6.2 Measuring Instruments

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

3.6.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

A. Information start: make EUT supply information to the access point.

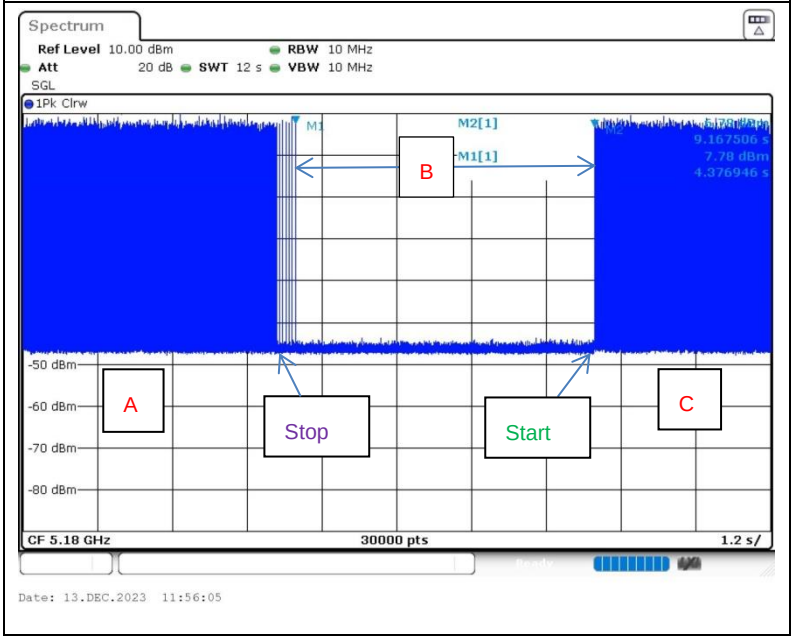
B. Information stop: stop supplying information to the access point.

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

C. Information start: make EUT supply information to the access point again.

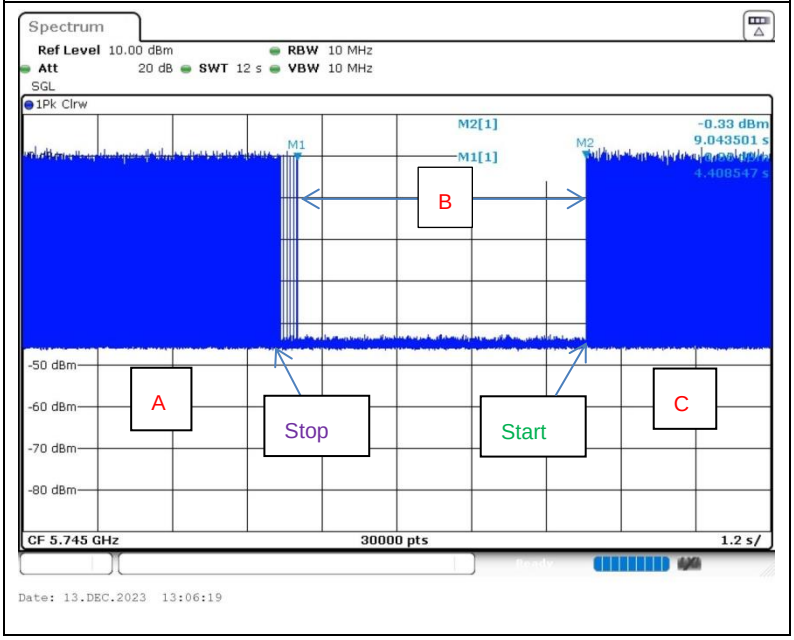
The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

5180MHz



Note : The control / signaling information during the period B is precluded.

5745MHz



Note : The control / signaling information during the period B is precluded.

3.7 Antenna Requirements

3.7.1 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.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode for 802.11a/n/ac/ax modes.

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

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

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

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

	Ant. 0 (dBi)	Ant. 1 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
UNII-1	5.00	4.20	5.00	7.62	0.00	1.62
UNII-2A	6.00	4.50	6.00	8.29	0.00	2.29
UNII-2C	5.90	5.00	5.90	8.47	0.00	2.47
UNII-3	6.00	5.50	6.00	8.76	0.00	2.76

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	Apr. 06, 2023	Oct. 09, 2023~ Dec. 13, 2023	Apr. 05, 2024	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 27, 2022	Oct. 09, 2023~ Dec. 13, 2023	Dec. 26, 2023	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1542004	50MHz Bandwidth	Dec. 27, 2022	Oct. 09, 2023~ Dec. 13, 2023	Dec. 26, 2023	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz-26.5GHz	Feb. 22, 2023	Oct. 09, 2023~ Dec. 13, 2023	Feb. 22, 2024	Conducted (TH01-SZ)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 04, 2023	Oct. 04, 2023~ Dec. 25, 2023	Apr. 03, 2024	Radiation (03CH03-SZ)
EXA Spectrum Anaiyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 04, 2023	Oct. 04, 2023~ Dec. 25, 2023	Apr. 03, 2024	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jul. 28, 2022	Oct. 04, 2023~ Dec. 25, 2023	Jul. 27, 2024	Radiation (03CH03-SZ)
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz-2GHz	Aug. 20, 2023	Oct. 04, 2023~ Dec. 25, 2023	Aug. 19, 2025	Radiation (03CH03-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1355	1GHz~18GHz	Apr. 08, 2023	Oct. 04, 2023~ Dec. 25, 2023	Apr. 07, 2024	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 07, 2023	Oct. 04, 2023~ Dec. 25, 2023	Jul. 06, 2024	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 08, 2023	Oct. 04, 2023~ Dec. 25, 2023	Apr. 07, 2024	Radiation (03CH03-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 19, 2022	Oct. 04, 2023~ Dec. 25, 2023	Oct. 18, 2023	Radiation (03CH03-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 18, 2023		Oct. 17, 2024	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 19, 2022	Oct. 04, 2023~ Dec. 25, 2023	Oct. 18, 2023	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 18, 2023		Oct. 17, 2024	Radiation (03CH03-SZ)
Amplifier	Agilent Technologies	83017A	MY39501302	500MHz~26.5GHz	Dec. 26, 2022	Oct. 04, 2023~ Dec. 25, 2023	Dec. 25, 2023	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010002729	1 N/A	Nov. 10, 2022	Oct. 04, 2023~ Dec. 25, 2023	Nov. 09, 2023	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010002729	1 N/A	Oct. 18, 2023		Oct. 17, 2024	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Oct. 04, 2023~ Dec. 25, 2023	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Oct. 04, 2023~ Dec. 25, 2023	NCR	Radiation (03CH03-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 07, 2023	Oct. 31, 2023	Jul. 06, 2024	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 07, 2023	Oct. 31, 2023	Jul. 06, 2024	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Nov. 10, 2022	Oct. 31, 2023	Nov. 09, 2023	Conduction (CO02-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

Conducted Spurious Emission & Bandedge	**±1.34 dB**
Occupied Channel Bandwidth	**±0.1 %**
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))	**2.7dB**

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9dB**

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

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

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

Appendix A. Conducted Test Results

Test Engineer:	Liu Qiu Qiu	Temperature:	21~25	°C
Test Date:	2023/10/9~10/10	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

UNII-1														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	17.48	17.08	26.40	26.46	-		22.33			
11a	6Mbps	2	44	5220	17.53	17.08	26.10	25.14	-		22.33			
11a	6Mbps	2	48	5240	17.48	17.03	26.10	24.66	-		22.31			
HE20	MCS0	2	36	5180	19.08	19.08	21.96	22.32	-		22.81			
HE20	MCS0	2	44	5220	19.03	19.08	22.26	22.20	-		22.79			
HE20	MCS0	2	48	5240	19.08	19.03	22.08	21.96	-		22.79			
HE40	MCS0	2	38	5190	37.56	37.56	39.72	39.72	-		23.01			
HE40	MCS0	2	46	5230	37.46	37.46	39.84	39.72	-		23.01			
HE80	MCS0	2	42	5210	76.84	76.84	80.88	80.64	-		23.01			

TEST RESULTS DATA
Average Power Table

UNII-1																
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	Full	5180	0.41	0.41	17.04	16.96	20.01	24.00		5.00		Pass	15.5
11a	6Mbps	2	44	Full	5220	0.41	0.41	17.28	16.80	20.05	24.00		5.00		Pass	15.5
11a	6Mbps	2	48	Full	5240	0.41	0.41	17.23	16.82	20.04	24.00		5.00		Pass	15.5
HT20	MCS0	2	36	Full	5180	0.40	0.40	16.51	16.28	19.41	24.00		5.00		Pass	15
HT20	MCS0	2	44	Full	5220	0.40	0.40	16.69	16.15	19.44	24.00		5.00		Pass	15
HT20	MCS0	2	48	Full	5240	0.40	0.40	16.43	16.16	19.31	24.00		5.00		Pass	15
HT40	MCS0	2	38	Full	5190	0.50	0.49	15.39	16.24	18.85	24.00		5.00		Pass	14.5
HT40	MCS0	2	46	Full	5230	0.50	0.49	16.12	16.41	19.28	24.00		5.00		Pass	15
VHT20	MCS0	2	36	Full	5180	0.41	0.41	16.46	16.23	19.36	24.00		5.00		Pass	15
VHT20	MCS0	2	44	Full	5220	0.41	0.41	16.64	16.10	19.39	24.00		5.00		Pass	15
VHT20	MCS0	2	48	Full	5240	0.41	0.41	16.38	16.11	19.26	24.00		5.00		Pass	15
VHT40	MCS0	2	38	Full	5190	0.53	0.50	15.36	16.19	18.81	24.00		5.00		Pass	14.5
VHT40	MCS0	2	46	Full	5230	0.53	0.50	16.09	16.36	19.24	24.00		5.00		Pass	15
VHT80	MCS0	2	42	Full	5210	1.03	1.03	12.92	13.06	16.00	24.00		5.00		Pass	11.5
HE20	MCS0	2	36	Full	5180	0.42	0.42	16.58	16.35	19.48	24.00		5.00		Pass	15
				26/0		2.90	2.94	8.14	7.91	11.04	24.00		5.00		Pass	6.5
				52/37		3.09	3.03	11.07	10.75	13.92	24.00		5.00		Pass	9.5
				106/53		3.26	3.28	13.81	13.41	16.62	24.00		5.00		Pass	12
			44	Full	5220	0.42	0.42	16.76	16.22	19.51	24.00		5.00		Pass	15
				26/4		3.07	2.93	8.16	8.41	11.30	24.00		5.00		Pass	7
				52/39		3.01	3.03	10.36	9.16	12.81	24.00		5.00		Pass	8.5
				106/54		3.26	3.26	13.51	13.22	16.38	24.00		5.00		Pass	11.5
			48	Full	5240	0.42	0.42	16.50	16.23	19.38	24.00		5.00		Pass	15
				26/8		2.94	2.94	8.10	7.86	10.99	24.00		5.00		Pass	6.5
				52/40		3.01	3.01	11.13	10.79	13.97	24.00		5.00		Pass	9
				106/54		3.26	3.26	13.59	13.51	16.56	24.00		5.00		Pass	12
HE40	MCS0	2	38	Full	5190	0.66	0.65	15.62	16.47	19.07	24.00		5.00		Pass	14.5
				242/61		3.87	3.81	13.91	14.34	17.14	24.00		5.00		Pass	11.5
			46	Full	5230	0.65	0.65	16.35	16.64	19.50	24.00		5.00		Pass	15
				242/62		3.62	3.55	14.80	15.17	18.00	24.00		5.00		Pass	12.5
HE80	MCS0	2	42	Full	5210	1.24	1.24	13.14	13.29	16.23	24.00		5.00		Pass	11.5
				484/65		3.84	3.78	11.24	11.45	14.36	24.00		5.00		Pass	10

TEST RESULTS DATA
Power Spectral Density

UNII-1															
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	36	Full	5180	0.41	0.41			8.92	9.38		7.62		Pass
11a	6Mbps	2	44	Full	5220	0.41	0.41			8.91	9.38		7.62		Pass
11a	6Mbps	2	48	Full	5240	0.41	0.41			9.15	9.38		7.62		Pass
HE20	MCS0	2	36	Full	5180	0.42	0.42			7.80	9.38		7.62		Pass
				26/0		2.90	2.94			7.74	9.38		7.62		Pass
				52/37		3.09	3.03			7.75	9.38		7.62		Pass
				106/53		3.26	3.28			7.67	9.38		7.62		Pass
HE20	MCS0	2	44	Full	5220	0.42	0.42			8.02	9.38		7.62		Pass
				26/4		3.07	2.93			7.58	9.38		7.62		Pass
				52/39		3.01	3.03			7.59	9.38		7.62		Pass
				106/54		3.26	3.26			7.72	9.38		7.62		Pass
HE20	MCS0	2	48	Full	5240	0.42	0.42			7.93	9.38		7.62		Pass
				26/8		2.94	2.94			7.86	9.38		7.62		Pass
				52/40		3.01	3.01			7.80	9.38		7.62		Pass
				106/54		3.26	3.26			7.79	9.38		7.62		Pass
HE40	MCS0	2	38	Full	5190	0.66	0.65			5.54	9.38		7.62		Pass
				242/61		3.87	3.81			5.22	9.38		7.62		Pass
HE40	MCS0	2	46	Full	5230	0.66	0.65			6.03	9.38		7.62		Pass
				242/62		3.62	3.55			5.95	9.38		7.62		Pass
HE80	MCS0	2	42	Full	5210	1.24	1.24			-0.30	9.38		7.62		Pass
				484/65		3.84	3.78			-0.39	9.38		7.62		Pass

TEST RESULTS DATA
26dB and 99% OBW

UNII-2A															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	17.53	17.08	26.16	24.96	23.33		29.33		23.98		
11a	6Mbps	2	60	5300	17.63	17.08	26.88	24.42	23.33		29.33		23.98		
11a	6Mbps	2	64	5320	17.53	17.13	26.34	26.10	23.34		29.34		23.98		
HE20	MCS0	2	52	5260	19.13	19.08	22.08	21.96	23.81		29.81		23.98		
HE20	MCS0	2	60	5300	19.13	19.13	22.44	22.68	23.82		29.82		23.98		
HE20	MCS0	2	64	5320	19.13	19.13	22.20	22.38	23.82		29.82		23.98		
HE40	MCS0	2	54	5270	37.56	37.56	39.84	39.72	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	37.46	37.46	39.84	39.96	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	76.84	76.72	80.88	80.88	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

UNII-2A																	
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1			
11a	6Mbps	2	52	Full	5260	0.41	0.41	16.76	16.53	19.65	23.98		6.00		26.99	Pass	15
11a	6Mbps	2	60	Full	5300	0.41	0.41	16.99	16.36	19.69	23.98		6.00		26.99	Pass	15.5
11a	6Mbps	2	64	Full	5320	0.41	0.41	16.88	16.59	19.74	23.98		6.00		26.99	Pass	15.5
HT20	MCS0	2	52	Full	5260	0.40	0.40	16.94	16.54	19.76	23.98		6.00		26.99	Pass	15
HT20	MCS0	2	60	Full	5300	0.40	0.40	16.33	16.20	19.28	23.98		6.00		26.99	Pass	15
HT20	MCS0	2	64	Full	5320	0.40	0.40	16.04	16.32	19.19	23.98		6.00		26.99	Pass	15
HT40	MCS0	2	54	Full	5270	0.50	0.49	16.64	16.50	19.58	23.98		6.00		26.99	Pass	15
HT40	MCS0	2	62	Full	5310	0.50	0.49	14.84	15.66	18.28	23.98		6.00		26.99	Pass	14
VHT20	MCS0	2	52	Full	5260	0.41	0.41	16.89	16.49	19.70	23.98		6.00		26.99	Pass	15
VHT20	MCS0	2	60	Full	5300	0.41	0.41	16.28	16.15	19.22	23.98		6.00		26.99	Pass	15
VHT20	MCS0	2	64	Full	5320	0.41	0.41	15.99	16.27	19.14	23.98		6.00		26.99	Pass	15
VHT40	MCS0	2	54	Full	5270	0.53	0.50	16.61	16.45	19.54	23.98		6.00		26.99	Pass	15
VHT40	MCS0	2	62	Full	5310	0.53	0.50	14.81	15.63	18.25	23.98		6.00		26.99	Pass	14
VHT80	MCS0	2	58	Full	5290	1.03	1.03	11.35	11.34	14.35	23.98		6.00		26.99	Pass	10
HE20	MCS0	2	52	Full	5260	0.42	0.42	17.01	16.61	19.83	23.98		6.00		26.99	Pass	15
				26/0		2.90	2.94	8.21	7.81	11.02	23.98		6.00		26.99	Pass	6.5
				52/37		3.09	3.03	10.96	10.30	13.65	23.98		6.00		26.99	Pass	9
				106/53		3.26	3.28	13.91	13.42	16.68	23.98		6.00		26.99	Pass	12
			60	Full	5300	0.42	0.42	16.40	16.27	19.35	23.98		6.00		26.99	Pass	15
				26/4		3.07	2.93	8.35	8.02	11.20	23.98		6.00		26.99	Pass	7
				52/39		3.01	3.03	10.02	9.78	12.91	23.98		6.00		26.99	Pass	8.5
				106/54		3.26	3.26	12.41	12.13	15.28	23.98		6.00		26.99	Pass	11
			64	Full	5320	0.42	0.42	16.11	16.39	19.26	23.98		6.00		26.99	Pass	15
				26/8		2.94	2.94	7.93	7.71	10.83	23.98		6.00		26.99	Pass	6.5
				52/40		3.01	3.01	10.42	10.19	13.32	23.98		6.00		26.99	Pass	9
				106/54		3.26	3.26	13.47	13.21	16.35	23.98		6.00		26.99	Pass	12
HE40	MCS0	2	54	Full	5270	0.66	0.65	16.87	16.73	19.81	23.98		6.00		26.99	Pass	15
				242/61		3.87	3.81	15.02	15.15	18.10	23.98		6.00		26.99	Pass	12.5
			62	Full	5310	0.66	0.65	15.14	15.88	18.53	23.98		6.00		26.99	Pass	14
				242/62		3.62	3.55	13.37	13.63	16.51	23.98		6.00		26.99	Pass	11.5
HE80	MCS0	2	58	Full	5290	1.24	1.24	11.58	11.57	14.59	23.98		6.00		26.99	Pass	10
				484/66		3.84	3.84	9.08	9.40	12.25	23.98		6.00		26.99	Pass	8

TEST RESULTS DATA
Power Spectral Density

UNII-2A															
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	Full	5260	0.41	0.41			8.58	8.71		8.29		Pass
11a	6Mbps	2	60	Full	5300	0.41	0.41			8.65	8.71		8.29		Pass
11a	6Mbps	2	64	Full	5320	0.41	0.41			8.65	8.71		8.29		Pass
HE20	MCS0	2	52	Full	5260	0.42	0.42			7.86	8.71		8.29		Pass
				26/0		2.90	2.94			7.80	8.71		8.29		Pass
				52/37		3.09	3.03			7.69	8.71		8.29		Pass
				106/53		3.26	3.28			7.81	8.71		8.29		Pass
HE20	MCS0	2	60	Full	5300	0.42	0.42			7.88	8.71		8.29		Pass
				26/4		3.07	2.93			7.58	8.71		8.29		Pass
				52/39		3.01	3.03			7.51	8.71		8.29		Pass
				106/54		3.26	3.26			7.45	8.71		8.29		Pass
HE20	MCS0	2	64	Full	5320	0.42	0.42			7.82	8.71		8.29		Pass
				26/8		2.94	2.94			7.61	8.71		8.29		Pass
				52/40		3.01	3.01			7.67	8.71		8.29		Pass
				106/54		3.26	3.26			7.78	8.71		8.29		Pass
HE40	MCS0	2	54	Full	5270	0.66	0.65			6.04	8.71		8.29		Pass
				242/61		3.87	3.81			5.78	8.71		8.29		Pass
HE40	MCS0	2	62	Full	5310	0.66	0.65			4.80	8.71		8.29		Pass
				242/62		3.62	3.55			4.49	8.71		8.29		Pass
HE80	MCS0	2	58	Full	5290	1.24	1.24			-2.31	8.71		8.29		Pass
				484/66		3.84	3.84			-2.40	8.71		8.29		Pass

TEST RESULTS DATA
26dB and 99% OBW

UNII-2C															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	100	5500	17.58	17.08	26.28	25.44	23.33		29.33		23.98		
11a	6Mbps	2	116	5580	17.53	17.08	26.64	25.44	23.33		29.33		23.98		
11a	6Mbps	2	140	5700	17.53	17.18	26.88	26.34	23.35		29.35		23.98		
11a	6Mbps	2	144	5720	17.53	17.08	26.22	24.66	23.33		29.33		23.98		
HE20	MCS0	2	100	5500	19.13	19.08	23.04	22.32	23.81		29.81		23.98		
HE20	MCS0	2	116	5580	19.13	19.13	22.20	22.02	23.82		29.82		23.98		
HE20	MCS0	2	140	5700	19.13	19.13	22.20	22.50	23.82		29.82		23.98		
HE20	MCS0	2	144	5720	19.08	19.08	22.20	22.86	23.81		29.81		23.98		
HE40	MCS0	2	102	5510	37.46	37.46	39.72	39.84	23.98		30.00		23.98		
HE40	MCS0	2	110	5550	37.46	37.46	39.96	39.96	23.98		30.00		23.98		
HE40	MCS0	2	134	5670	37.46	37.56	39.96	39.84	23.98		30.00		23.98		
HE40	MCS0	2	142	5710	37.46	37.36	39.84	39.72	23.98		30.00		23.98		
HE80	MCS0	2	106	5530	76.84	76.60	80.88	80.64	23.98		30.00		23.98		
HE80	MCS0	2	122	5610	76.60	76.84	80.88	80.88	23.98		30.00		23.98		
HE80	MCS0	2	138	5690	76.72	76.60	80.88	80.64	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

UNII-2C																	
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1			
11a	6Mbps	2	100	Full	5500	0.41	0.41	15.93	16.05	19.00	23.98		5.90		26.99	Pass	15
11a	6Mbps	2	116	Full	5580	0.41	0.41	15.55	15.87	18.72	23.98		5.90		26.99	Pass	15
11a	6Mbps	2	140	Full	5700	0.41	0.41	16.77	15.36	19.13	23.98		5.90		26.99	Pass	15
11a	6Mbps	2	144	Full	5720	0.41	0.41	16.90	15.92	19.44	23.98		5.90		26.99	Pass	16
HT20	MCS0	2	100	Full	5500	0.40	0.40	16.26	16.10	19.19	23.98		5.90		26.99	Pass	15
HT20	MCS0	2	116	Full	5580	0.40	0.40	15.38	15.93	18.68	23.98		5.90		26.99	Pass	15
HT20	MCS0	2	140	Full	5700	0.40	0.40	16.76	15.38	19.14	23.98		5.90		26.99	Pass	15
HT20	MCS0	2	144	Full	5720	0.40	0.40	16.78	15.48	19.19	23.98		5.90		26.99	Pass	15
HT40	MCS0	2	102	Full	5510	0.50	0.49	15.98	16.39	19.20	23.98		5.90		26.99	Pass	15
HT40	MCS0	2	110	Full	5550	0.50	0.49	15.15	15.27	18.22	23.98		5.90		26.99	Pass	15
HT40	MCS0	2	134	Full	5670	0.50	0.49	16.49	15.58	19.07	23.98		5.90		26.99	Pass	15
HT40	MCS0	2	142	Full	5710	0.50	0.49	16.39	15.53	18.99	23.98		5.90		26.99	Pass	15
VHT20	MCS0	2	100	Full	5500	0.41	0.41	16.21	16.05	19.14	23.98		5.90		26.99	Pass	15
VHT20	MCS0	2	116	Full	5580	0.41	0.41	15.33	15.88	18.62	23.98		5.90		26.99	Pass	15
VHT20	MCS0	2	140	Full	5700	0.41	0.41	16.71	15.33	19.08	23.98		5.90		26.99	Pass	15
VHT20	MCS0	2	144	Full	5720	0.41	0.41	16.73	15.43	19.14	23.98		5.90		26.99	Pass	15
VHT40	MCS0	2	102	Full	5510	0.53	0.50	15.95	16.34	19.16	23.98		5.90		26.99	Pass	15
VHT40	MCS0	2	110	Full	5550	0.53	0.50	15.12	15.22	18.18	23.98		5.90		26.99	Pass	15
VHT40	MCS0	2	134	Full	5670	0.53	0.50	16.46	15.53	19.03	23.98		5.90		26.99	Pass	15
VHT40	MCS0	2	142	Full	5710	0.53	0.50	16.36	15.48	18.95	23.98		5.90		26.99	Pass	15
VHT80	MCS0	2	106	Full	5530	1.03	1.03	14.98	15.00	18.00	23.98		5.90		26.99	Pass	14
VHT80	MCS0	2	122	Full	5610	1.03	1.03	15.34	15.97	18.68	23.98		5.90		26.99	Pass	15
VHT80	MCS0	2	138	Full	5690	1.03	1.03	16.30	15.42	18.89	23.98		5.90		26.99	Pass	15
HE20	MCS0	2	100	Full	5500	0.42	0.42	16.33	16.17	19.26	23.98		5.90		26.99	Pass	15
				26/0		2.90	2.94	7.52	7.23	10.39	23.98		5.90		26.99	Pass	6.5
				52/37		3.09	3.03	10.15	9.75	12.96	23.98		5.90		26.99	Pass	9
				106/53		3.26	3.28	13.14	12.76	15.96	23.98		5.90		26.99	Pass	12
			116	Full	5580	0.42	0.42	15.45	16.00	18.75	23.98		5.90		26.99	Pass	15
				26/4		3.07	2.93	7.85	7.74	10.81	23.98		5.90		26.99	Pass	7
				52/38		3.22	3.22	9.90	9.81	12.87	23.98		5.90		26.99	Pass	9
				106/53		3.26	3.28	12.75	12.71	15.74	23.98		5.90		26.99	Pass	12
			140	Full	5700	0.42	0.42	16.83	15.45	19.21	23.98		5.90		26.99	Pass	15
				26/8		2.94	2.94	8.16	7.02	10.64	23.98		5.90		26.99	Pass	6.5
				52/40		3.01	3.01	10.85	9.84	13.38	23.98		5.90		26.99	Pass	9.5
				106/54		3.26	3.26	13.35	12.31	15.87	23.98		5.90		26.99	Pass	12
			144	Full	5720	0.42	0.42	16.85	15.55	19.26	23.98		5.90		26.99	Pass	15
				26/8		2.94	2.94	8.21	7.02	10.67	23.98		5.90		26.99	Pass	6.5
				52/40		3.01	3.01	11.16	9.89	13.58	23.98		5.90		26.99	Pass	9.5
				106/54		3.26	3.26	13.46	12.42	15.98	23.98		5.90		26.99	Pass	12
HE40	MCS0	2	102	Full	5510	0.66	0.65	16.21	16.62	19.43	23.98		5.90		26.99	Pass	15
				242/61		3.87	3.81	14.38	14.63	17.52	23.98		5.90		26.99	Pass	12.5
			110	Full	5550	0.66	0.65	15.38	15.50	18.45	23.98		5.90		26.99	Pass	15
				242/61		3.87	3.81	13.69	14.08	16.90	23.98		5.90		26.99	Pass	13
			134	Full	5670	0.66	0.65	16.72	15.81	19.30	23.98		5.90		26.99	Pass	15
				242/62		3.62	3.55	14.69	13.87	17.31	23.98		5.90		26.99	Pass	12.5
			142	Full	5710	0.66	0.65	16.62	15.76	19.22	23.98		5.90		26.99	Pass	15
				242/62		3.62	3.55	14.75	14.48	17.63	23.98		5.90		26.99	Pass	13
HE80	MCS0	2	106	Full	5530	1.24	1.24	15.21	15.24	18.24	23.98		5.90		26.99	Pass	14
				484/65		3.84	3.78	13.20	13.31	16.27	23.98		5.90		26.99	Pass	12.5
			122	Full	5610	1.24	1.24	15.61	16.24	18.95	23.98		5.90		26.99	Pass	15
				484/66		3.84	3.84	13.66	14.42	17.07	23.98		5.90		26.99	Pass	13.5
			138	Full	5690	1.24	1.24	16.57	15.69	19.17	23.98		5.90		26.99	Pass	15
				484/66		3.84	3.84	14.48	14.07	17.29	23.98		5.90		26.99	Pass	13.5

TEST RESULTS DATA
Power Spectral Density

UNII-2C															
Mod.	Data Rate	NTX	CH.		Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	100	Full	5500	0.41	0.41			8.20	8.53		8.47		Pass
11a	6Mbps	2	116	Full	5580	0.41	0.41			7.64	8.53		8.47		Pass
11a	6Mbps	2	140	Full	5700	0.41	0.41			8.22	8.53		8.47		Pass
11a	6Mbps	2	144	Full	5720	0.41	0.41			8.48	8.53		8.47		Pass
HE20	MCS0	2	100	Full	5500	0.42	0.42			7.70	8.53		8.47		Pass
				26/0		2.90	2.94			7.35	8.53		8.47		Pass
				52/37		3.09	3.03			7.38	8.53		8.47		Pass
				106/53		3.26	3.28			7.61	8.53		8.47		Pass
HE20	MCS0	2	116	Full	5580	0.42	0.42			7.02	8.53		8.47		Pass
				26/4		3.07	2.93			6.70	8.53		8.47		Pass
				52/38		3.22	3.22			6.78	8.53		8.47		Pass
				106/53		3.26	3.28			6.90	8.53		8.47		Pass
HE20	MCS0	2	140	Full	5700	0.42	0.42			7.64	8.53		8.47		Pass
				26/8		2.94	2.94			7.41	8.53		8.47		Pass
				52/40		3.01	3.01			7.55	8.53		8.47		Pass
				106/54		3.26	3.26			7.36	8.53		8.47		Pass
HE20	MCS0	2	144	Full	5720	0.42	0.42			7.70	8.53		8.47		Pass
				26/8		2.94	2.94			7.28	8.53		8.47		Pass
				52/40		3.01	3.01			7.57	8.53		8.47		Pass
				106/54		3.26	3.26			7.32	8.53		8.47		Pass
HE40	MCS0	2	102	Full	5510	0.66	0.65			5.67	8.53		8.47		Pass
				242/61		3.87	3.81			5.58	8.53		8.47		Pass
HE40	MCS0	2	110	Full	5550	0.66	0.65			4.86	8.53		8.47		Pass
				242/61		3.87	3.81			4.74	8.53		8.47		Pass
HE40	MCS0	2	134	Full	5670	0.66	0.65			5.80	8.53		8.47		Pass
				242/62		3.62	3.55			5.25	8.53		8.47		Pass
HE40	MCS0	2	142	Full	5710	0.66	0.65			5.51	8.53		8.47		Pass
				242/62		3.62	3.55			5.44	8.53		8.47		Pass
HE80	MCS0	2	106	Full	5530	1.24	1.24			1.69	8.53		8.47		Pass
				484/65		3.84	3.78			1.24	8.53		8.47		Pass
HE80	MCS0	2	122	Full	5610	1.24	1.24			2.20	8.53		8.47		Pass
				484/66		3.84	3.84			2.09	8.53		8.47		Pass
HE80	MCS0	2	138	Full	5690	1.24	1.24			2.42	8.53		8.47		Pass
				484/66		3.84	3.84			2.25	8.53		8.47		Pass

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

UNII-3													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)		Pass/Fail
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	149	5745	17.53	17.08	26.94	27.60	16.35	16.45	0.5		Pass
11a	6Mbps	2	157	5785	17.58	17.08	26.64	27.24	16.45	16.45	0.5		Pass
11a	6Mbps	2	165	5825	17.43	17.03	26.88	24.60	16.40	16.45	0.5		Pass
HE20	MCS0	2	149	5745	19.13	19.08	23.04	22.56	18.45	18.75	0.5		Pass
HE20	MCS0	2	157	5785	19.13	19.03	22.62	22.80	18.55	18.85	0.5		Pass
HE20	MCS0	2	165	5825	19.08	19.03	22.62	22.14	19.00	18.95	0.5		Pass
HE40	MCS0	2	151	5755	37.46	37.46	39.84	39.84	35.73	35.28	0.5		Pass
HE40	MCS0	2	159	5795	37.46	37.56	40.08	39.96	35.28	34.02	0.5		Pass
HE80	MCS0	2	155	5775	76.72	76.84	80.88	80.88	75.52	75.52	0.5		Pass

TEST RESULTS DATA
Average Power Table

UNII-3															
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	149	Full	5745	0.41	0.41	18.85	17.70	21.32	30.00		6.00		Pass	17
11a	6Mbps	2	157	Full	5785	0.41	0.41	18.89	17.82	21.39	30.00		6.00		Pass	17
11a	6Mbps	2	165	Full	5825	0.41	0.41	18.64	18.03	21.35	30.00		6.00		Pass	17
HT20	MCS0	2	149	Full	5745	0.40	0.40	16.66	15.71	19.22	30.00		6.00		Pass	15
HT20	MCS0	2	157	Full	5785	0.40	0.40	16.69	15.82	19.29	30.00		6.00		Pass	15
HT20	MCS0	2	165	Full	5825	0.40	0.40	16.45	15.90	19.20	30.00		6.00		Pass	15
HT40	MCS0	2	151	Full	5755	0.50	0.49	16.46	16.09	19.29	30.00		6.00		Pass	15
HT40	MCS0	2	159	Full	5795	0.50	0.49	16.23	16.20	19.23	30.00		6.00		Pass	15
VHT20	MCS0	2	149	Full	5745	0.41	0.41	16.55	15.63	19.12	30.00		6.00		Pass	15
VHT20	MCS0	2	157	Full	5785	0.41	0.41	16.60	15.77	19.21	30.00		6.00		Pass	15
VHT20	MCS0	2	165	Full	5825	0.41	0.41	16.39	15.82	19.12	30.00		6.00		Pass	15
VHT40	MCS0	2	151	Full	5755	0.53	0.50	16.42	16.04	19.24	30.00		6.00		Pass	15
VHT40	MCS0	2	159	Full	5795	0.53	0.50	16.17	16.14	19.17	30.00		6.00		Pass	15
VHT80	MCS0	2	155	Full	5775	1.03	1.03	16.44	15.72	19.10	30.00		6.00		Pass	15
HE20	MCS0	2	149	Full	5745	0.42	0.42	16.81	15.85	19.37	30.00		6.00		Pass	15
HE20	MCS0	2	149	26/0	5745	2.90	2.94	7.88	6.67	10.33	30.00		6.00		Pass	6
HE20	MCS0	2	149	52/37	5745	3.09	3.03	10.95	9.63	13.35	30.00		6.00		Pass	9
HE20	MCS0	2	149	106/53	5745	3.26	3.28	13.45	12.12	15.85	30.00		6.00		Pass	11.5
HE20	MCS0	2	157	Full	5785	0.42	0.42	16.85	15.94	19.43	30.00		6.00		Pass	15
HE20	MCS0	2	157	26/4	5785	3.07	2.93	8.46	7.19	10.88	30.00		6.00		Pass	6.5
HE20	MCS0	2	157	52/38	5785	3.22	3.22	10.95	9.78	13.41	30.00		6.00		Pass	9
HE20	MCS0	2	157	106/53	5785	3.26	3.28	13.89	12.72	16.35	30.00		6.00		Pass	12
HE20	MCS0	2	165	Full	5825	0.42	0.42	16.57	16.04	19.32	30.00		6.00		Pass	15
HE20	MCS0	2	165	26/8	5825	2.94	2.94	7.78	6.65	10.26	30.00		6.00		Pass	6
HE20	MCS0	2	165	52/40	5825	3.01	3.01	10.80	9.62	13.26	30.00		6.00		Pass	9
HE20	MCS0	2	165	106/54	5825	3.26	3.26	13.35	12.22	15.83	30.00		6.00		Pass	11.5
HE40	MCS0	2	151	Full	5755	0.66	0.65	16.62	16.25	19.45	30.00		6.00		Pass	15
HE40	MCS0	2	151	242/61	5755	3.87	3.81	15.28	14.25	17.81	30.00		6.00		Pass	12.5
HE40	MCS0	2	159	Full	5795	0.66	0.65	16.40	16.36	19.39	30.00		6.00		Pass	15
HE40	MCS0	2	159	242/62	5795	3.62	3.55	14.85	14.21	17.55	30.00		6.00		Pass	12.5
HE80	MCS0	2	155	Full	5775	1.24	1.24	16.61	15.86	19.26	30.00		6.00		Pass	15
HE80	MCS0	2	155	484/65	5775	3.84	3.78	13.73	12.75	16.28	30.00		6.00		Pass	12
HE80	MCS0	2	155	484/66	5775	3.84	3.84	13.74	12.78	16.30	30.00		6.00		Pass	12

TEST RESULTS DATA
Power Spectral Density

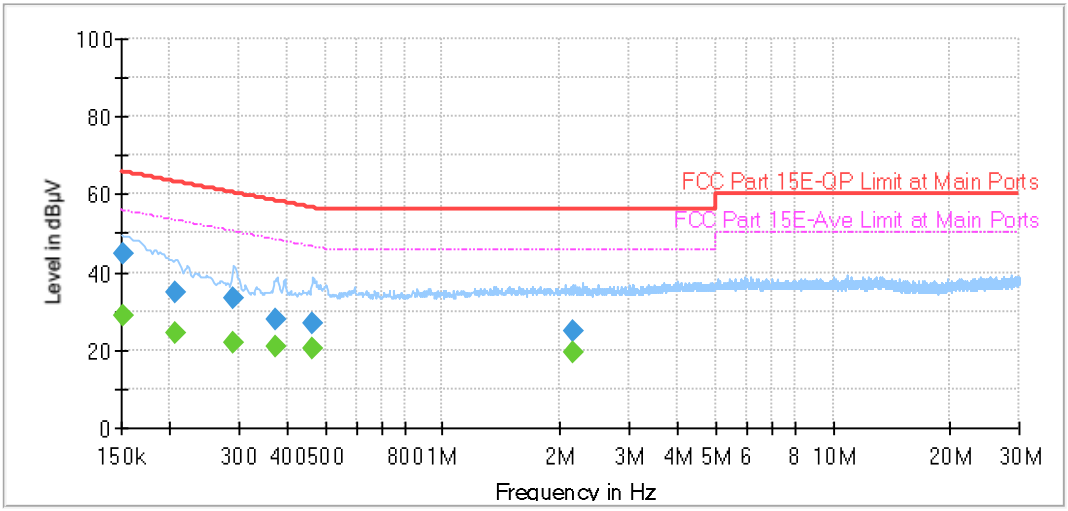
Band IV																	
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	149	Full	5745	0.41	0.41	2.22		2.59	1.62	8.22	27.24		8.76		Pass
11a	6Mbps	2	157	Full	5785	0.41	0.41	2.22		2.73	1.81	8.36	27.24		8.76		Pass
11a	6Mbps	2	165	Full	5825	0.41	0.41	2.22		2.45	2.07	8.08	27.24		8.76		Pass
HE20	MCS0	2	149	Full	5745	0.42	0.42	2.22		0.05	-1.09	5.70	27.24		8.76		Pass
HE20	MCS0	2	149	26/0	5745	2.90	2.94	2.22		-2.46	-3.59	5.67	27.24		8.76		Pass
HE20	MCS0	2	149	52/37	5745	3.09	3.03	2.22		-2.69	-3.94	5.63	27.24		8.76		Pass
HE20	MCS0	2	149	106/53	5745	3.26	3.28	2.22		-2.91	-4.18	5.58	27.24		8.76		Pass
HE20	MCS0	2	157	Full	5785	0.42	0.42	2.22		0.01	-0.89	5.66	27.24		8.76		Pass
HE20	MCS0	2	157	26/4	5785	3.07	2.93	2.22		-2.78	-3.69	5.52	27.24		8.76		Pass
HE20	MCS0	2	157	52/38	5785	3.22	3.22	2.22		-2.85	-3.93	5.60	27.24		8.76		Pass
HE20	MCS0	2	157	106/53	5785	3.26	3.28	2.22		-3.06	-3.99	5.43	27.24		8.76		Pass
HE20	MCS0	2	165	Full	5825	0.42	0.42	2.22		-0.03	-1.15	5.62	27.24		8.76		Pass
HE20	MCS0	2	165	26/8	5825	2.94	2.94	2.22		-2.72	-3.62	5.45	27.24		8.76		Pass
HE20	MCS0	2	165	52/40	5825	3.01	3.01	2.22		-2.79	-3.80	5.45	27.24		8.76		Pass
HE20	MCS0	2	165	106/54	5825	3.26	3.26	2.22		-3.26	-4.27	5.23	27.24		8.76		Pass
HE40	MCS0	2	151	Full	5755	0.66	0.65	2.22		-2.01	-2.83	3.88	27.24		8.76		Pass
HE40	MCS0	2	151	242/61	5755	3.87	3.81	2.22		-5.30	-6.04	3.80	27.24		8.76		Pass
HE40	MCS0	2	159	Full	5795	0.66	0.65	2.22		-2.30	-2.55	3.59	27.24		8.76		Pass
HE40	MCS0	2	159	242/62	5795	3.62	3.55	2.22		-5.38	-5.55	3.47	27.24		8.76		Pass
HE80	MCS0	2	155	Full	5775	1.24	1.24	2.22		-6.01	-6.79	0.46	27.24		8.76		Pass
HE80	MCS0	2	155	484/65	5775	3.84	3.78	2.22		-8.85	-9.97	0.22	27.24		8.76		Pass
HE80	MCS0	2	155	484/66	5775	3.84	3.84	2.22		-9.03	-9.92	0.04	27.24		8.76		Pass

Note: SUM = MAX(MIMO Ant.0 PSD + Duty factor Ant.0, MIMO Ant.1 PSD + Duty factor Ant.1) + 10log(500/RBW)factor + 10*log2

Appendix B. AC Conducted Emission Test Results

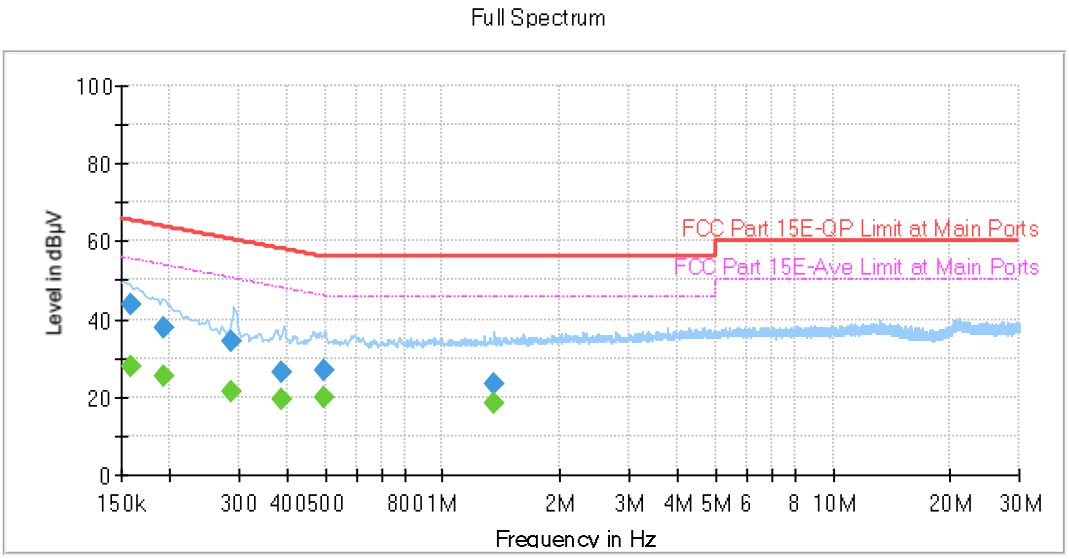
Test Engineer :	Tao Zhang	**Temperature :**	24~25℃
		Relative Humidity :	48~49%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line

Full Spectrum



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	44.64	---	65.88	21.23	L1	OFF	19.7
0.152250	---	28.97	55.88	26.91	L1	OFF	19.7
0.206340	34.80	---	63.35	28.55	L1	OFF	19.7
0.206340	---	24.31	53.35	29.04	L1	OFF	19.7
0.290220	33.38	---	60.52	27.14	L1	OFF	19.7
0.290220	---	21.65	50.52	28.87	L1	OFF	19.7
0.374820	27.98	---	58.39	30.42	L1	OFF	19.7
0.374820	---	20.87	48.39	27.53	L1	OFF	19.7
0.463560	26.63	---	56.63	30.00	L1	OFF	19.7
0.463560	---	20.47	46.63	26.16	L1	OFF	19.7
2.161500	24.84	---	56.00	31.16	L1	OFF	19.8
2.161500	---	19.53	46.00	26.47	L1	OFF	19.8

Test Engineer :	Tao Zhang	Temperature :	24~25℃
		Relative Humidity :	48~49%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	43.73	---	65.52	21.78	N	OFF	19.7
0.159000	---	27.63	55.52	27.88	N	OFF	19.7
0.193200	37.58	---	63.90	26.32	N	OFF	19.7
0.193200	---	25.22	53.90	28.68	N	OFF	19.7
0.288150	34.17	---	60.58	26.40	N	OFF	19.7
0.288150	---	21.63	50.58	28.94	N	OFF	19.7
0.386250	26.43	---	58.14	31.71	N	OFF	19.7
0.386250	---	19.50	48.14	28.65	N	OFF	19.7
0.497220	26.87	---	56.05	29.18	N	OFF	19.7
0.497220	---	19.97	46.05	26.08	N	OFF	19.7
1.351590	23.53	---	56.00	32.47	N	OFF	19.8
1.351590	---	18.28	46.00	27.72	N	OFF	19.8

Appendix C. Radiated Spurious Emission

Test Engineer :	Huang Weiwei	Relative Humidity :	50%
		Temperature :	20~22℃

Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Ant.	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	0+1	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	0+1	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	0+1	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	0+1	802.11ax HE20	36	5180	MCS0	Full RU	-
Mode 5	U-NII-1	5.15-5.25	0+1	802.11ax HE20	36	5180	MCS0	Partial_RU 26/0	-
Mode 6	U-NII-1	5.15-5.25	0+1	802.11ax HE20	36	5180	MCS0	Partial_RU 52/37	-
Mode 7	U-NII-1	5.15-5.25	0+1	802.11ax HE20	36	5180	MCS0	Partial_RU 106/53	-
Mode 8	U-NII-1	5.15-5.25	0+1	802.11ax HE20	44	5220	MCS0	Full RU	-
Mode 9	U-NII-1	5.15-5.25	0+1	802.11ax HE20	48	5240	MCS0	Full RU	-
Mode 10	U-NII-1	5.15-5.25	0+1	802.11ax HE40	38	5190	MCS0	Full	-
Mode 11	U-NII-1	5.15-5.25	0+1	802.11ax HE40	38	5190	MCS0	Partial_RU 242/61	-
Mode 12	U-NII-1	5.15-5.25	0+1	802.11ax HE40	46	5230	MCS0	Full	-
Mode 13	U-NII-1	5.15-5.25	0+1	802.11ax HE80	42	5210	MCS0	Full	-
Mode 14	U-NII-1	5.15-5.25	0+1	802.11ax HE80	42	5210	MCS0	Partial_RU 484/65	-
Mode 15	U-NII-2A	5.25-5.35	0+1	802.11a	52	5260	6Mbps	-	-
Mode 16	U-NII-2A	5.25-5.35	0+1	802.11a	60	5300	6Mbps	-	-
Mode 17	U-NII-2A	5.25-5.35	0+1	802.11a	64	5320	6Mbps	-	-
Mode 18	U-NII-2A	5.25-5.35	0+1	802.11ax HE20	52	5260	MCS0	Full	-
Mode 19	U-NII-2A	5.25-5.35	0+1	802.11ax HE20	60	5300	MCS0	Full	-
Mode 20	U-NII-2A	5.25-5.35	0+1	802.11ax HE20	64	5320	MCS0	Full	-
Mode 21	U-NII-2A	5.25-5.35	0+1	802.11ax HE20	64	5320	MCS0	Partial_RU 26/8	-
Mode 22	U-NII-2A	5.25-5.35	0+1	802.11ax HE20	64	5320	MCS0	Partial_RU 52/40	-
Mode 23	U-NII-2A	5.25-5.35	0+1	802.11ax HE20	64	5320	MCS0	Partial_RU 106/54	-
Mode 24	U-NII-2A	5.25-5.35	0+1	802.11ax HE40	54	5270	MCS0	Full	-
Mode 25	U-NII-2A	5.25-5.35	0+1	802.11ax HE40	62	5310	MCS0	Full	-
Mode 26	U-NII-2A	5.25-5.35	0+1	802.11ax HE40	62	5310	MCS0	Partial_RU 242/62	-
Mode 27	U-NII-2A	5.25-5.35	0+1	802.11ax HE80	58	5290	MCS0	Full	-
Mode 28	U-NII-2A	5.25-5.35	0+1	802.11ax HE80	58	5290	MCS0	Partial_RU 484/66	-
Mode 29	U-NII-2C	5.47-5.725	0+1	802.11a	100	5500	6Mbps	-	-
Mode 30	U-NII-2C	5.47-5.725	0+1	802.11a	116	5580	6Mbps	-	-
Mode 31	U-NII-2C	5.47-5.725	0+1	802.11a	140	5700	6Mbps	-	-
Mode 32	Straddle channels	5.47-5.85	0+1	802.11a	144	5720	6Mbps	-	-
Mode 33	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	100	5500	MCS0	Full RU	-
Mode 34	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	100	5500	MCS0	Partial_RU 26/0	-
Mode 35	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	100	5500	MCS0	Partial_RU 52/37	-
Mode 36	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	100	5500	MCS0	Partial_RU 106/53	-

Mode	Band	Band (GHz)	Ant.	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 37	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	116	5580	MCS0	-	-
Mode 38	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	140	5700	MCS0	Full	-
Mode 39	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	140	5700	MCS0	Partial_RU 26/8	-
Mode 40	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	140	5700	MCS0	Partial_RU 52/40	-
Mode 41	U-NII-2C	5.47-5.725	0+1	802.11ax HE20	140	5700	MCS0	Partial_RU 106/54	-
Mode 42	Straddle channels	5.47-5.85	0+1	802.11ax HE20	144	5720	MCS0	Full	-
Mode 43	U-NII-2C	5.47-5.725	0+1	802.11ax HE40	102	5510	MCS0	Full	-
Mode 44	U-NII-2C	5.47-5.725	0+1	802.11ax HE40	102	5510	MCS0	Partial_RU 242/61	-
Mode 45	U-NII-2C	5.47-5.725	0+1	802.11ax HE40	110	5550	MCS0	Full	-
Mode 46	U-NII-2C	5.47-5.725	0+1	802.11ax HE40	134	5670	MCS0	Full	-
Mode 47	U-NII-2C	5.47-5.725	0+1	802.11ax HE40	134	5670	MCS0	Partial_RU 242/62	-
Mode 48	Straddle channels	5.47-5.85	0+1	802.11ax HE40	142	5710	MCS0	Full	-
Mode 49	U-NII-2C	5.47-5.725	0+1	802.11ax HE80	106	5530	MCS0	Full	-
Mode 50	U-NII-2C	5.47-5.725	0+1	802.11ax HE80	106	5530	MCS0	Partial_RU 484/65	-
Mode 51	U-NII-2C	5.47-5.725	0+1	802.11ax HE80	122	5610	MCS0	Full	-
Mode 52	U-NII-2C	5.47-5.725	0+1	802.11ax HE80	122	5610	MCS0	Partial_RU 484/66	-
Mode 53	Straddle channels	5.47-5.85	0+1	802.11ax HE80	138	5690	MCS0	Full	-
Mode 54	Straddle channels	5.47-5.85	0+1	802.11ax HE80	138	5690	MCS0	Partial_RU 484/66	-
Mode 55	U-NII-2C	5.47-5.725	0+1	802.11ax HE80	106	5530	MCS0	LF	-
Mode 56	U-NII-2C	5.47-5.725	0+1	802.11ax HE80	106	5530	MCS0	SHF	-
Mode 57	U-NII-3	5.725-5.85	0+1	802.11a	149	5745	6Mbps	-	-
Mode 58	U-NII-3	5.725-5.85	0+1	802.11a	157	5785	6Mbps	-	-
Mode 59	U-NII-3	5.725-5.85	0+1	802.11a	165	5825	6Mbps	-	-
Mode 60	U-NII-3	5.725-5.85	0+1	802.11ax HE20	149	5745	MCS0	Full RU	-
Mode 61	U-NII-3	5.725-5.85	0+1	802.11ax HE20	149	5745	MCS0	Partial_RU 26/0	-
Mode 62	U-NII-3	5.725-5.85	0+1	802.11ax HE20	149	5745	MCS0	Partial_RU 52/37	-
Mode 63	U-NII-3	5.725-5.85	0+1	802.11ax HE20	149	5745	MCS0	Partial_RU 106/53	-
Mode 64	U-NII-3	5.725-5.85	0+1	802.11ax HE20	157	5785	MCS0	Full	-
Mode 65	U-NII-3	5.725-5.85	0+1	802.11ax HE20	165	5825	MCS0	Full	-
Mode 66	U-NII-3	5.725-5.85	0+1	802.11ax HE20	165	5825	MCS0	Partial_RU 26/8	-
Mode 67	U-NII-3	5.725-5.85	0+1	802.11ax HE20	165	5825	MCS0	Partial_RU 52/40	-
Mode 68	U-NII-3	5.725-5.85	0+1	802.11ax HE20	165	5825	MCS0	Partial_RU 106/54	-
Mode 69	U-NII-3	5.725-5.85	0+1	802.11ax HE40	151	5755	MCS0	Full	-
Mode 70	U-NII-3	5.725-5.85	0+1	802.11ax HE40	151	5755	MCS0	Partial_RU 242/61	-
Mode 71	U-NII-3	5.725-5.85	0+1	802.11ax HE40	159	5795	MCS0	Full	-
Mode 72	U-NII-3	5.725-5.85	0+1	802.11ax HE40	159	5795	MCS0	Partial_RU 242/62	-
Mode 73	U-NII-3	5.725-5.85	0+1	802.11ax HE80	155	5775	MCS0	Full	-
Mode 74	U-NII-3	5.725-5.85	0+1	802.11ax HE80	155	5775	MCS0	Partial_RU 484/65	-
Mode 75	U-NII-3	5.725-5.85	0+1	802.11ax HE80	155	5775	MCS0	Partial_RU 484/66	-
Mode 76	U-NII-3	5.725-5.85	0+1	802.11a	165	5825	6Mbps	LF	-
Mode 77	U-NII-2C	5.47-5.725	0+1	802.11ac VHT80	106	5530	MCS0	Full	-
Mode 78	U-NII-3	5.725-5.85	0+1	802.11ac VHT20	165	5825	MCS0	Full	-

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	5146.70	49.01	54.00	-4.99	H	AVERAGE	Pass	Band Edge
1	802.11a	36	10360.00	48.68	68.30	-19.62	H	Peak	Pass	Harmonic
2	802.11a	44	5149.16	47.52	54.00	-6.48	H	AVERAGE	Pass	Band Edge
2	802.11a	44	10440.00	48.91	68.30	-19.39	H	Peak	Pass	Harmonic
3	802.11a	48	5147.60	45.98	54.00	-8.02	H	AVERAGE	Pass	Band Edge
3	802.11a	48	10480.00	48.78	68.30	-19.52	H	Peak	Pass	Harmonic
4	802.11ax HE20	36	5148.68	47.85	54.00	-6.15	H	AVERAGE	Pass	Band Edge
4	802.11ax HE20	36	10360.00	48.28	68.30	-20.02	H	Peak	Pass	Harmonic
5	802.11ax HE20	36	5136.80	42.33	54.00	-11.67	H	AVERAGE	Pass	Band Edge
5	802.11ax HE20	36	-	-	-	-	-	-	-	Harmonic
6	802.11ax HE20	36	5144.36	44.03	54.00	-9.97	H	AVERAGE	Pass	Band Edge
6	802.11ax HE20	36	-	-	-	-	-	-	-	Harmonic
7	802.11ax HE20	36	5149.94	45.20	54.00	-8.80	H	AVERAGE	Pass	Band Edge
7	802.11ax HE20	36	-	-	-	-	-	-	-	Harmonic
8	802.11ax HE20	44	5149.16	47.13	54.00	-6.87	H	AVERAGE	Pass	Band Edge
8	802.11ax HE20	44	10440.00	47.68	68.30	-20.62	H	Peak	Pass	Harmonic
9	802.11ax HE20	48	5149.52	44.39	54.00	-9.61	H	AVERAGE	Pass	Band Edge
9	802.11ax HE20	48	10480.00	47.39	68.30	-20.91	V	Peak	Pass	Harmonic
10	802.11ax HE40	38	5148.58	50.21	54.00	-3.79	H	AVERAGE	Pass	Band Edge
10	802.11ax HE40	38	10380.00	47.25	68.30	-21.05	V	Peak	Pass	Harmonic
11	802.11ax HE40	38	5149.34	48.28	54.00	-5.72	H	AVERAGE	Pass	Band Edge
11	802.11ax HE40	38	-	-	-	-	-	-	-	Harmonic
12	802.11ax HE40	46	5146.05	46.69	54.00	-7.31	H	AVERAGE	Pass	Band Edge
12	802.11ax HE40	46	10460.00	46.56	68.30	-21.74	V	Peak	Pass	Harmonic
13	802.11ax HE80	42	5149.73	50.01	54.00	-3.99	H	AVERAGE	Pass	Band Edge
13	802.11ax HE80	42	10420.00	46.75	68.30	-21.55	H	Peak	Pass	Harmonic
14	802.11ax HE80	42	5145.95	47.22	54.00	-6.78	H	AVERAGE	Pass	Band Edge
14	802.11ax HE80	42	-	-	-	-	-	-	-	Harmonic
15	802.11a	52	5350.00	44.64	54.00	-9.36	H	AVERAGE	Pass	Band Edge
15	802.11a	52	10520.00	47.99	68.30	-20.31	H	Peak	Pass	Harmonic
16	802.11a	60	5351.04	48.11	54.00	-5.89	H	AVERAGE	Pass	Band Edge
16	802.11a	60	15900.00	49.48	74.00	-24.52	H	Peak	Pass	Harmonic
17	802.11a	64	5350.52	49.77	54.00	-4.23	H	AVERAGE	Pass	Band Edge
17	802.11a	64	15960.00	49.68	74.00	-24.32	V	Peak	Pass	Harmonic
18	802.11ax HE20	52	5350.20	45.10	54.00	-8.90	H	AVERAGE	Pass	Band Edge
18	802.11ax HE20	52	10520.00	47.82	68.30	-20.48	H	Peak	Pass	Harmonic
19	802.11ax HE20	60	5351.20	46.50	54.00	-7.50	H	AVERAGE	Pass	Band Edge
19	802.11ax HE20	60	10600.00	46.87	74.00	-27.13	V	Peak	Pass	Harmonic
20	802.11ax HE20	64	5350.38	47.97	54.00	-6.03	H	AVERAGE	Pass	Band Edge
20	802.11ax HE20	64	10640.00	47.27	74.00	-26.73	V	Peak	Pass	Harmonic
21	802.11ax HE20	64	5362.42	41.87	54.00	-12.13	H	AVERAGE	Pass	Band Edge
21	802.11ax HE20	64	-	-	-	-	-	-	-	Harmonic
22	802.11ax HE20	64	5357.94	42.45	54.00	-11.55	H	AVERAGE	Pass	Band Edge
22	802.11ax HE20	64	-	-	-	-	-	-	-	Harmonic

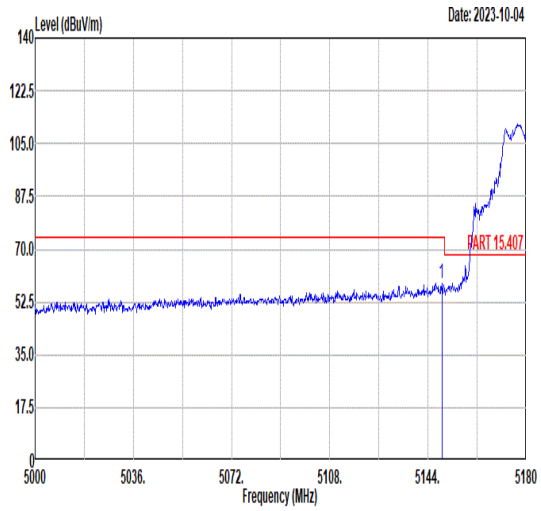
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
23	802.11ax HE20	64	5350.10	44.57	54.00	-9.43	H	AVERAGE	Pass	Band Edge
23	802.11ax HE20	64	-	-	-	-	-	-	-	Harmonic
24	802.11ax HE40	54	5350.56	45.66	54.00	-8.34	H	AVERAGE	Pass	Band Edge
24	802.11ax HE40	54	10540.00	47.05	68.30	-21.25	H	Peak	Pass	Harmonic
25	802.11ax HE40	62	5350.05	50.67	54.00	-3.33	H	AVERAGE	Pass	Band Edge
25	802.11ax HE40	62	15930.00	46.49	74.00	-27.51	H	Peak	Pass	Harmonic
26	802.11ax HE40	62	5351.25	46.76	54.00	-7.24	H	AVERAGE	Pass	Band Edge
26	802.11ax HE40	62	-	-	-	-	-	-	-	Harmonic
27	802.11ax HE80	58	5350.18	50.52	54.00	-3.48	H	AVERAGE	Pass	Band Edge
27	802.11ax HE80	58	10580.00	46.61	68.30	-21.69	V	Peak	Pass	Harmonic
28	802.11ax HE80	58	5351.03	45.15	54.00	-8.85	H	AVERAGE	Pass	Band Edge
28	802.11ax HE80	58	-	-	-	-	-	-	-	Harmonic
29	802.11a	100	5459.95	46.90	54.00	-7.10	H	AVERAGE	Pass	Band Edge
29	802.11a	100	16500.00	47.37	68.30	-20.93	H	Peak	Pass	Harmonic
30	802.11a	116	5459.48	40.49	54.00	-13.51	H	AVERAGE	Pass	Band Edge
30	802.11a	116	16740.00	45.33	68.30	-22.97	V	Peak	Pass	Harmonic
31	802.11a	140	5725.09	61.51	68.30	-6.79	H	PEAK	Pass	Band Edge
31	802.11a	140	17100.00	45.48	68.30	-22.82	V	Peak	Pass	Harmonic
32	802.11a	144	5418.20	38.71	54	-15.29	H	AVERAGE	Pass	Band Edge
	802.11a	144	17160.00	47.55	68.30	-20.75	H	Peak	Pass	Harmonic
33	802.11ax HE20	100	5459.35	44.68	54.00	-9.32	H	AVERAGE	Pass	Band Edge
33	802.11ax HE20	100	16500.00	46.28	68.30	-22.02	V	Peak	Pass	Harmonic
34	802.11ax HE20	100	5459.05	40.47	54.00	-13.53	H	AVERAGE	Pass	Band Edge
34	802.11ax HE20	100	-	-	-	-	-	-	-	Harmonic
35	802.11ax HE20	100	5459.95	41.08	54.00	-12.92	H	AVERAGE	Pass	Band Edge
35	802.11ax HE20	100	-	-	-	-	-	-	-	Harmonic
36	802.11ax HE20	100	5450.05	41.26	54.00	-12.74	H	AVERAGE	Pass	Band Edge
36	802.11ax HE20	100	-	-	-	-	-	-	-	Harmonic
37	802.11ax HE20	116	5453.73	40.42	54.00	-13.58	H	AVERAGE	Pass	Band Edge
37	802.11ax HE20	116	16740.00	45.99	68.30	-22.31	H	Peak	Pass	Harmonic
38	802.11ax HE20	140	5729.51	60.18	68.30	-8.12	H	PEAK	Pass	Band Edge
38	802.11ax HE20	140	17100.00	45.58	68.30	-22.72	H	Peak	Pass	Harmonic
39	802.11ax HE20	140	5725.68	60.84	68.30	-7.46	H	PEAK	Pass	Band Edge
39	802.11ax HE20	140	-	-	-	-	-	-	-	Harmonic
40	802.11ax HE20	140	5725.09	58.38	68.30	-9.92	H	PEAK	Pass	Band Edge
40	802.11ax HE20	140	-	-	-	-	-	-	-	Harmonic
41	802.11ax HE20	140	5725.29	55.92	68.30	-12.38	H	PEAK	Pass	Band Edge
41	802.11ax HE20	140	-	-	-	-	-	-	-	Harmonic
42	802.11ax HE20	144	5432.5	38.67	54	-15.33	H	AVERAGE	Pass	Band Edge
	802.11ax HE20	144	17160	47.70	68.30	-20.60	V	PEAK	Pass	Harmonic
43	802.11ax HE40	102	5458.48	46.45	54.00	-7.55	H	AVERAGE	Pass	Band Edge
43	802.11ax HE40	102	16530.00	46.29	68.30	-22.01	H	Peak	Pass	Harmonic
44	802.11ax HE40	102	5470.00	58.03	68.30	-10.27	H	PEAK	Pass	Band Edge
44	802.11ax HE40	102	-	-	-	-	-	-	-	Harmonic
45	802.11ax HE40	110	5459.00	42.70	54.00	-11.30	H	AVERAGE	Pass	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
45	802.11ax HE40	110	16650.00	45.94	68.30	-22.36	V	Peak	Pass	Harmonic
46	802.11ax HE40	134	5730.80	62.34	68.30	-5.96	H	PEAK	Pass	Band Edge
46	802.11ax HE40	134	17010.00	44.76	68.30	-23.54	V	Peak	Pass	Harmonic
47	802.11ax HE40	134	5727.38	54.54	68.30	-13.76	H	PEAK	Pass	Band Edge
47	802.11ax HE40	134	-	-	-	-	-	-	-	Harmonic
48	802.11ax HE40	142	5421.50	38.84	54	-15.16	H	AVERAGE	Pass	Band Edge
	802.11ax HE40	142	17130-	47.80	68.30	-20.50	H	PEAK	Pass	Harmonic
49	802.11ax HE80	106	5457.10	50.69	54.00	-3.31	H	AVERAGE	Pass	Band Edge
49	802.11ax HE80	106	16590.00	46.23	68.30	-22.07	V	Peak	Pass	Harmonic
50	802.11ax HE80	106	5457.82	48.15	54.00	-5.85	H	AVERAGE	Pass	Band Edge
50	802.11ax HE80	106	-	-	-	-	-	-	-	Harmonic
51	802.11ax HE80	122	5727.03	57.43	68.30	-10.87	H	PEAK	Pass	Band Edge
51	802.11ax HE80	122	16830.00	45.19	68.30	-23.11	V	Peak	Pass	Harmonic
52	802.11ax HE80	122	5413.18	39.47	54.00	-14.53	H	AVERAGE	Pass	Band Edge
52	802.11ax HE80	122	-	-	-	-	-	-	-	Harmonic
53	802.11ax HE80	138	5459.45	39.51	54.00	-14.49	H	AVERAGE	Pass	Band Edge
	802.11ax HE80	138	-17070	45.57	68.30	-22.73	H	Peak	Pass	Harmonic
54	802.11ax HE80	138	5418.20	39.33	54.00	-14.67	H	AVERAGE	Pass	Band Edge
	802.11ax HE80	138	-	-	-	-	-	-	-	Harmonic
55	802.11ax HE80	106	31.94	25.20	40	-14.80	V	Peak	Pass	LF
57	802.11a	149	5647.85	51.97	68.30	-16.33	H	PEAK	Pass	Band Edge
57	802.11a	149	17235.00	48.78	68.30	-19.52	V	Peak	Pass	Harmonic
58	802.11a	157	5933.83	53.10	68.30	-15.20	H	PEAK	Pass	Band Edge
58	802.11a	157	17355.00	48.62	68.30	-19.68	V	Peak	Pass	Harmonic
59	802.11a	165	5932.50	55.00	68.30	-13.30	H	PEAK	Pass	Band Edge
59	802.11a	165	17475.00	48.69	68.30	-19.61	V	Peak	Pass	Harmonic
60	802.11ax HE20	149	5640.17	52.43	68.30	-15.87	H	PEAK	Pass	Band Edge
60	802.11ax HE20	149	17235.00	49.33	68.30	-18.97	V	Peak	Pass	Harmonic
61	802.11ax HE20	149	5625.38	49.21	68.30	-19.09	V	PEAK	Pass	Band Edge
61	802.11ax HE20	149	-	-	-	-	-	-	-	Harmonic
62	802.11ax HE20	149	5646.26	50.01	68.30	-18.29	H	PEAK	Pass	Band Edge
62	802.11ax HE20	149	-	-	-	-	-	-	-	Harmonic
63	802.11ax HE20	149	5609.72	49.98	68.30	-18.32	H	PEAK	Pass	Band Edge
63	802.11ax HE20	149	-	-	-	-	-	-	-	Harmonic
64	802.11ax HE20	157	5926.57	52.51	68.30	-15.79	V	PEAK	Pass	Band Edge
64	802.11ax HE20	157	17355.00	47.07	68.30	-21.23	H	Peak	Pass	Harmonic
65	802.11ax HE20	165	5932.75	54.73	68.30	-13.57	H	PEAK	Pass	Band Edge
65	802.11ax HE20	165	17475.00	46.69	68.30	-21.61	V	Peak	Pass	Harmonic
66	802.11ax HE20	165	5933.63	51.33	68.30	-16.97	H	PEAK	Pass	Band Edge
66	802.11ax HE20	165	-	-	-	-	-	-	-	Harmonic
67	802.11ax HE20	165	5939.38	51.82	68.30	-16.48	H	PEAK	Pass	Band Edge
67	802.11ax HE20	165	-	-	-	-	-	-	-	Harmonic
68	802.11ax HE20	165	5930.13	52.79	68.30	-15.51	H	PEAK	Pass	Band Edge
68	802.11ax HE20	165	-	-	-	-	-	-	-	Harmonic
69	802.11ax HE40	151	5941.42	52.46	68.30	-15.84	H	PEAK	Pass	Band Edge

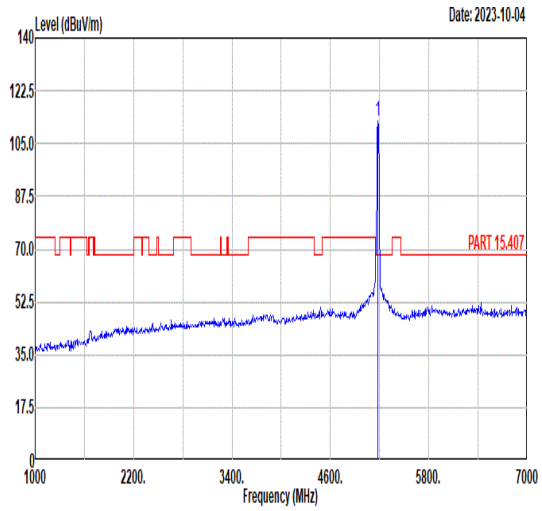
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
69	802.11ax HE40	151	17265.00	47.53	68.30	-20.77	H	Peak	Pass	Harmonic
70	802.11ax HE40	151	5933.43	51.65	68.30	-16.65	H	PEAK	Pass	Band Edge
70	802.11ax HE40	151	-	-	-	-	-	-	-	Harmonic
71	802.11ax HE40	159	5937.76	53.76	68.30	-14.54	H	PEAK	Pass	Band Edge
71	802.11ax HE40	159	17385.00	46.99	68.30	-21.31	V	Peak	Pass	Harmonic
72	802.11ax HE40	159	5932.95	51.83	68.30	-16.47	H	PEAK	Pass	Band Edge
72	802.11ax HE40	159	-	-	-	-	-	-	-	Harmonic
73	802.11ax HE80	155	5649.35	54.35	68.30	-13.95	H	PEAK	Pass	Band Edge
73	802.11ax HE80	155	17325.00	46.44	68.30	-21.86	V	Peak	Pass	Harmonic
74	802.11ax HE80	155	5925.68	51.23	68.30	-17.07	V	PEAK	Pass	Band Edge
74	802.11ax HE80	155	-	-	-	-	-	-	-	Harmonic
75	802.11ax HE80	155	5949.48	50.61	68.30	-17.69	H	PEAK	Pass	Band Edge
75	802.11ax HE80	155	-	-	-	-	-	-	-	Harmonic
76	802.11a	165	31.94	25.52	40	-14.48	V	Peak	Pass	LF
77	802.11ac VHT80	106	5457.64	48.57	54.00	-5.43	H	AVERAGE	Pass	Band Edge
77	802.11ac VHT80	106	16590.00	47.18	68.30	-21.12	V	Peak	Pass	Harmonic
78	802.11ac VHT20	165	5932.88	52.71	68.30	-15.59	H	PEAK	Pass	Band Edge
78	802.11ac VHT20	165	17475.00	46.69	68.30	-21.61	V	Peak	Pass	Harmonic

Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental

Peak

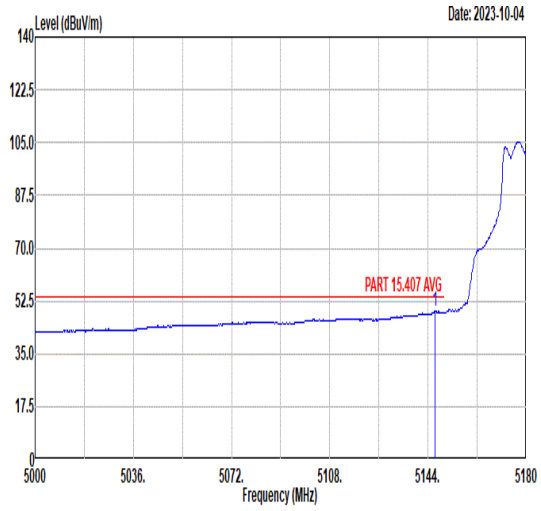


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.04	58.54	74.00	-15.46	49.04	34.42	7.92	32.84	200	267	PEAK

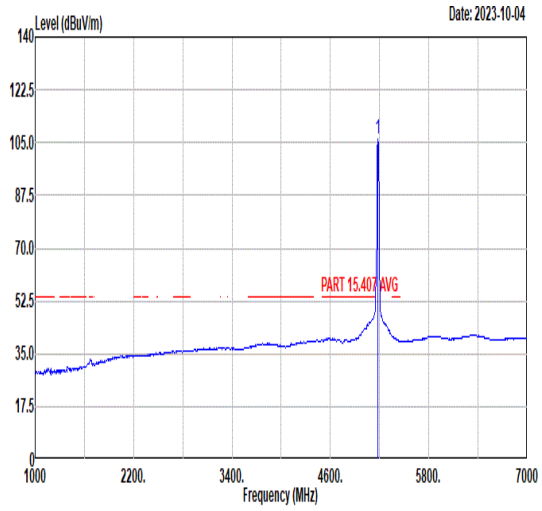


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	112.41	------	------	102.92	34.45	7.94	32.90	200	267	PEAK

Avg



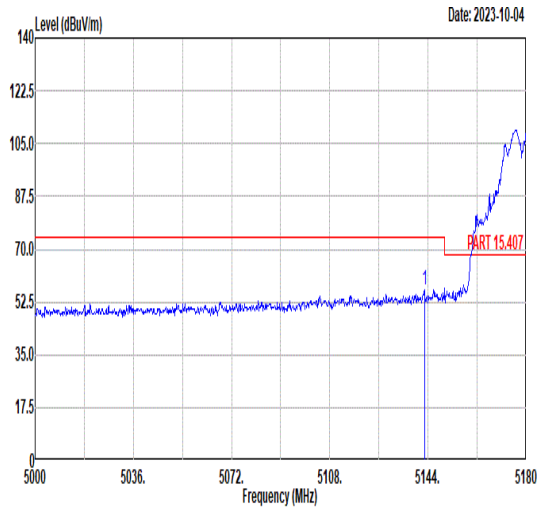
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5146.70	49.01	54.00	-4.99	39.51	34.42	7.92	32.84	200	267	AVERAGE



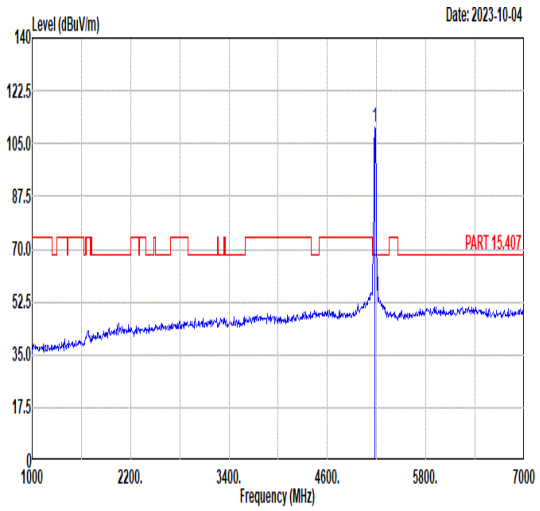
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	106.18	------	------	96.69	34.45	7.94	32.90	200	267	AVERAGE

Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	0+1	
Pol.	Vertical	Fundamental

Peak

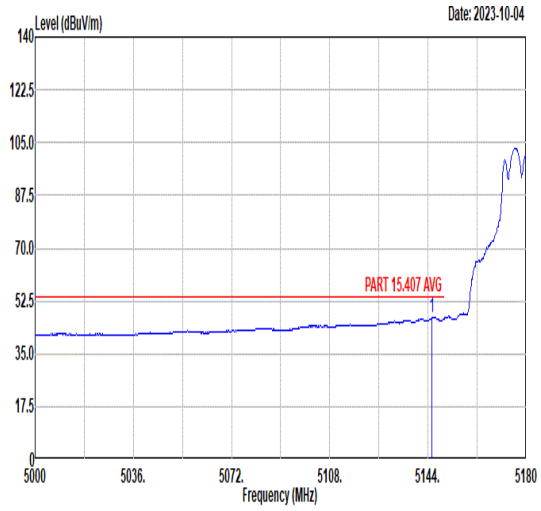


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5142.74	56.61	74.00	-17.39	47.11	34.42	7.91	32.83	329	9	PEAK

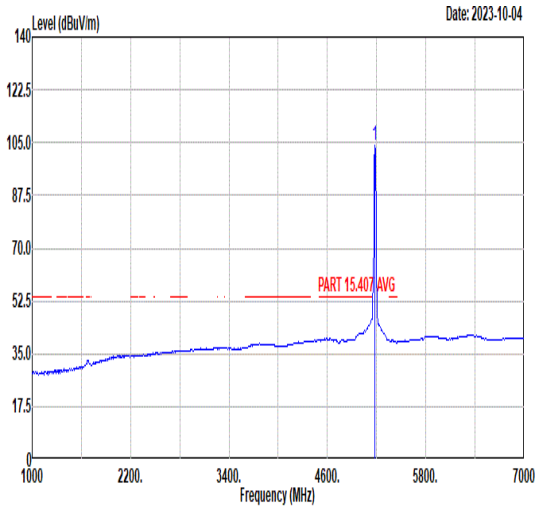


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	110.28	------	------	100.79	34.45	7.94	32.90	329	9	PEAK

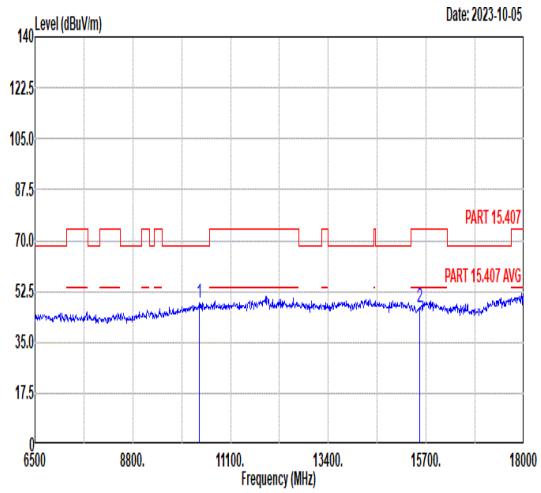
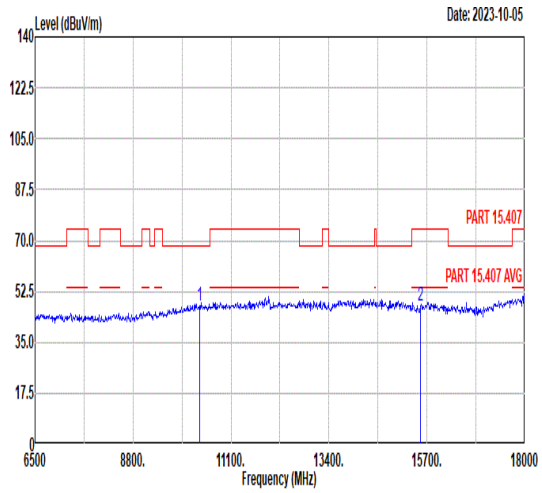
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5145.44	46.93	54.00	-7.07	37.43	34.42	7.92	32.84	329	9	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	104.15	------	------	94.66	34.45	7.94	32.90	329	9	AVERAGE

Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	0+1	
Pol.	Horizontal	Vertical
Peak Avg		

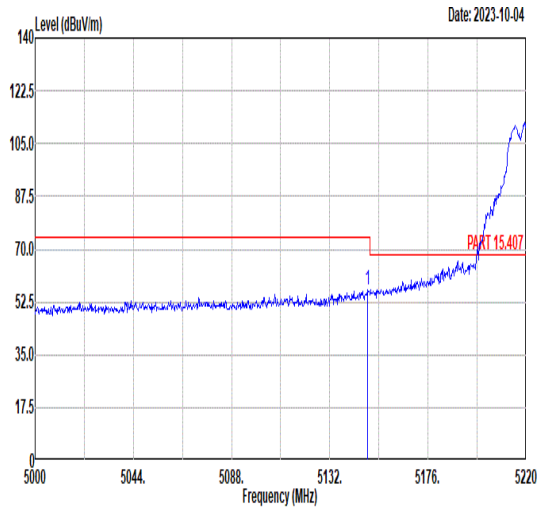
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	10360.00	48.68	68.30	-19.62	59.33	37.62	10.73	59.00	--	--	Peak
2	15540.00	46.87	74.00	-27.13	52.53	40.56	12.72	58.94	--	--	Peak

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	10360.00	47.43	68.30	-20.87	58.08	37.62	10.73	59.00	--	--	Peak
2	15540.00	47.30	74.00	-26.70	52.96	40.56	12.72	58.94	--	--	Peak

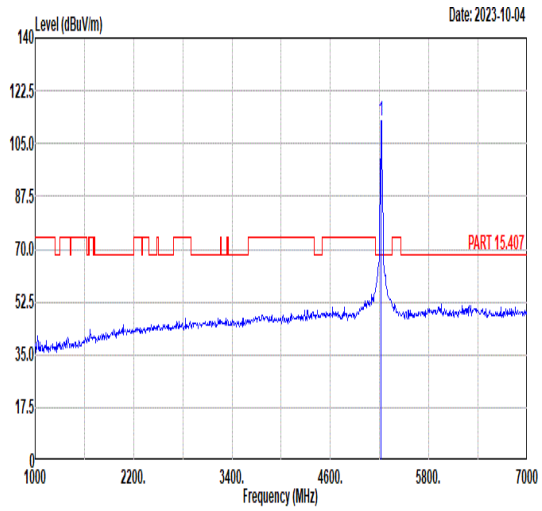
Mode	2
	Band Edge - L
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz
ANT	0+1

Pol.	Horizontal	Fundamental

Peak

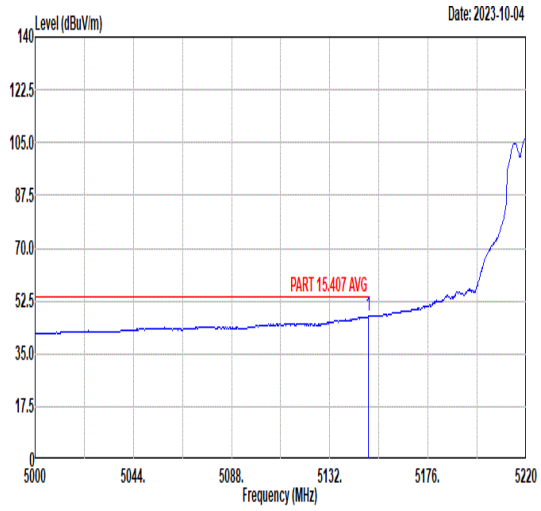


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5148.94	56.72	74.00	-17.28	47.22	34.42	7.92	32.84	200	270	PEAK

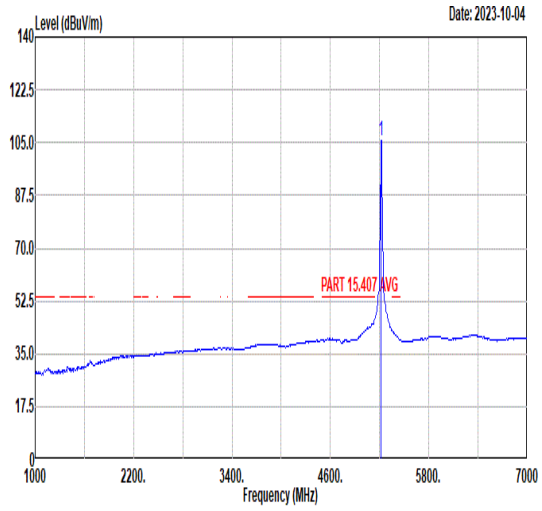


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5220.00	112.55	------	------	103.05	34.48	7.99	32.97	200	270	PEAK

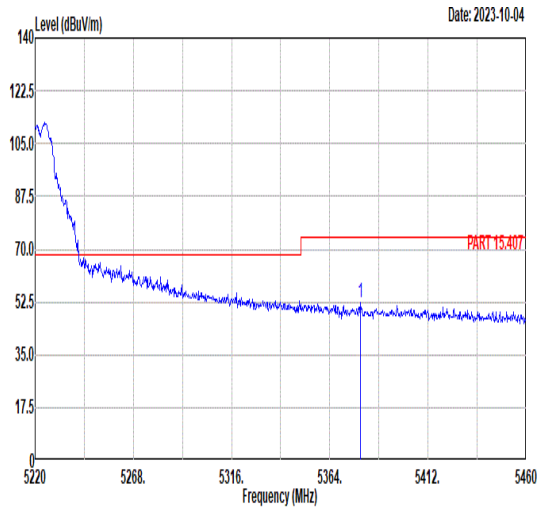
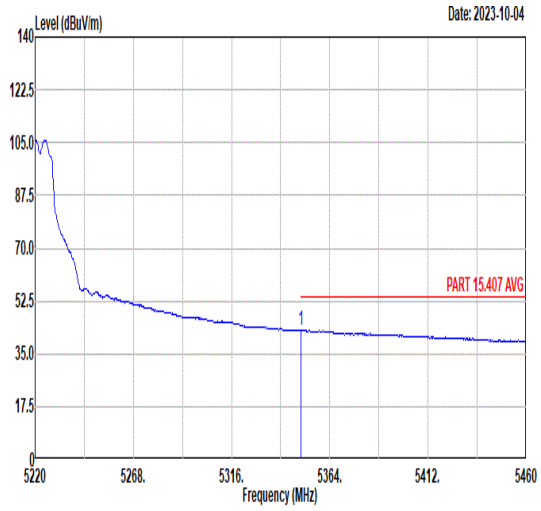
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.16	47.52	54.00	-6.48	38.02	34.42	7.92	32.84	200	270	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5220.00	105.80	------	------	96.31	34.47	7.98	32.96	200	270	AVERAGE

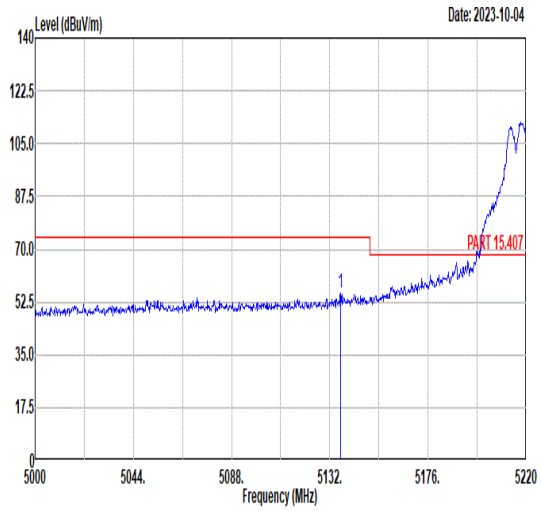
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		Blank
Avg		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5378.88	52.55	74.00	-21.45	42.76	34.60	8.41	33.22	200	270	PEAK

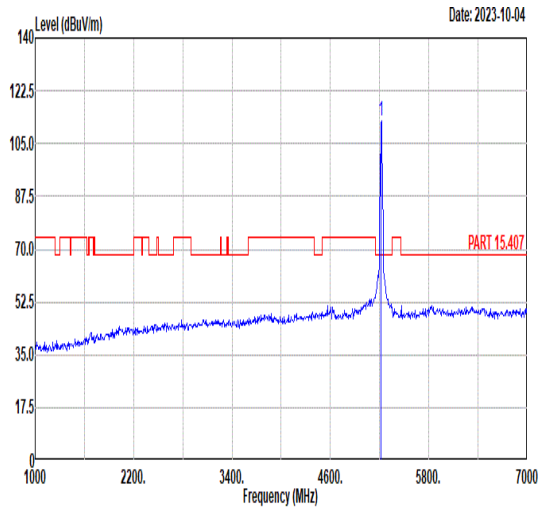
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5350.08	42.69	54.00	-11.31	32.95	34.58	8.33	33.17	200	270	AVERAGE

Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0+1	
Pol.	Vertical	Fundamental

Peak

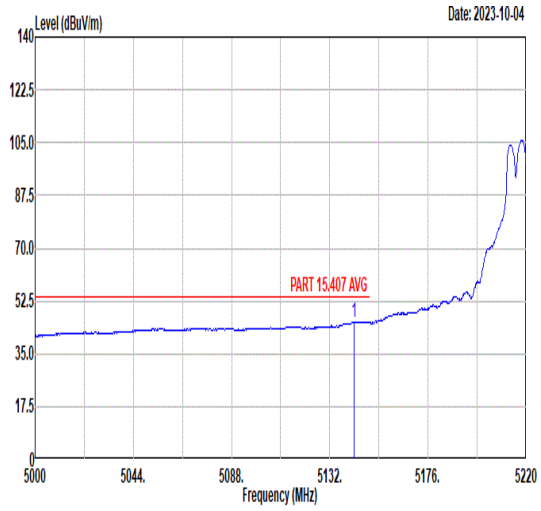


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5136.84	55.28	74.00	-18.72	45.78	34.41	7.91	32.82	320	12	PEAK

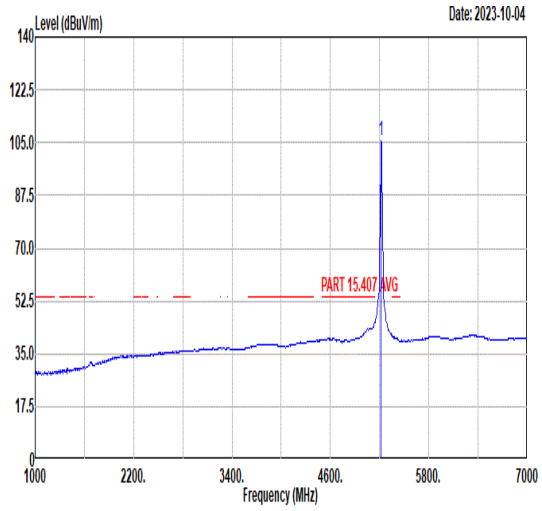


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5220.00	112.41	------	------	102.91	34.48	7.99	32.97	320	12	PEAK

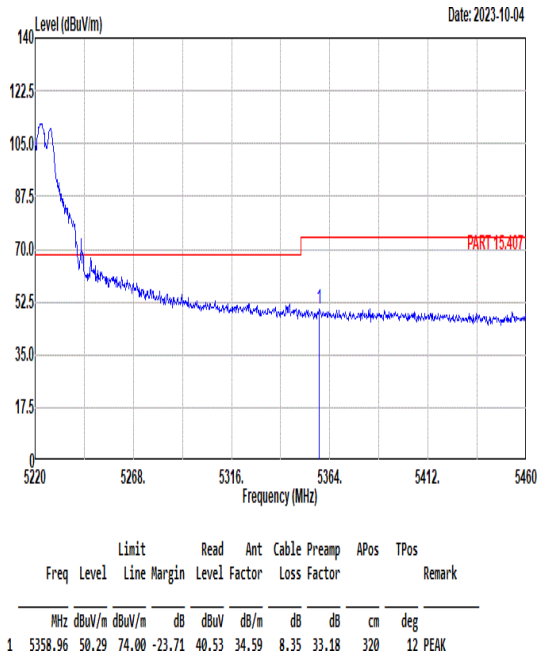
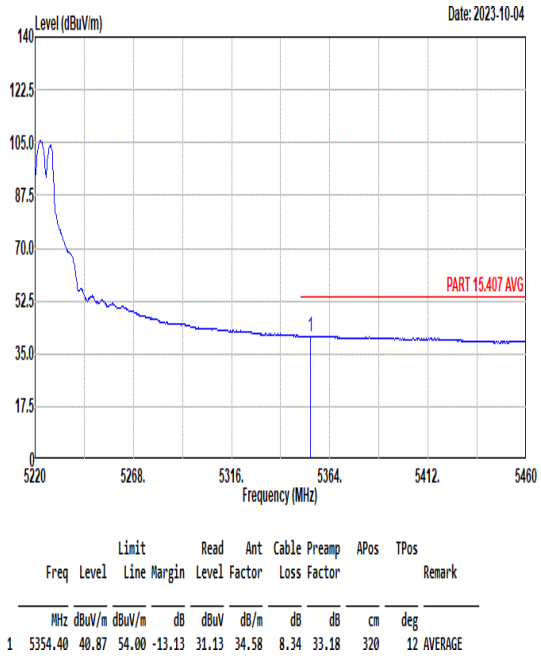
Avg



	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	5142.78	45.66	54.00	-8.34	36.16	34.42	7.91	32.83	320	12	AVERAGE

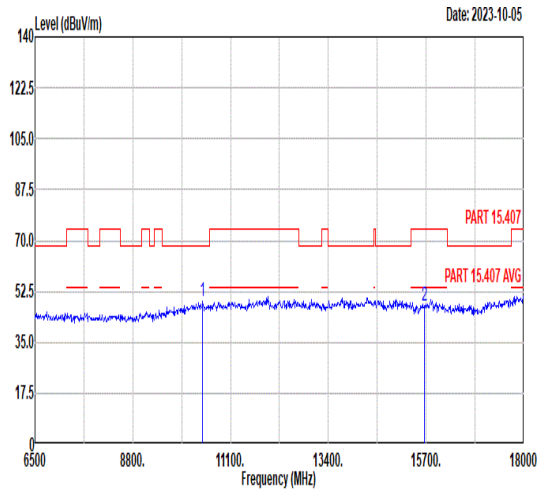
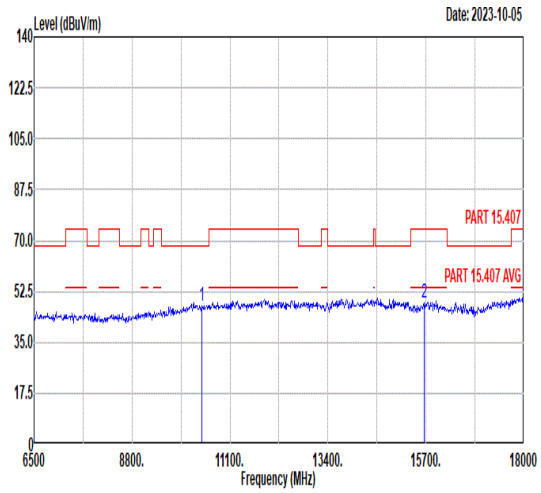


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5220.00	105.47	------	------	95.98	34.47	7.98	32.96	320	12	AVERAGE

Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		Blank
Avg		Blank

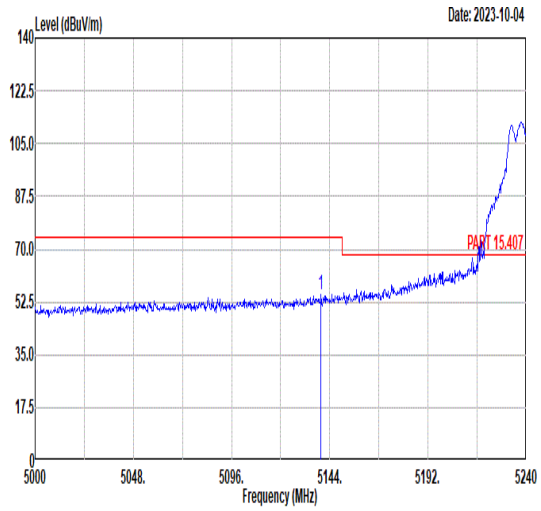
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5358.96	50.29	74.00	-23.71	40.53	34.59	8.35	33.18	320	12	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5354.40	40.87	54.00	-13.13	31.13	34.58	8.34	33.18	320	12	AVERAGE

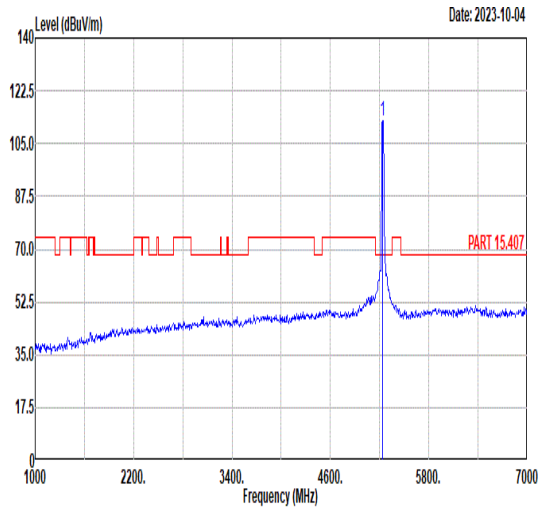
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10440.00 48.91 68.30 -19.39 59.37 37.66 10.79 58.91 -- -- Peak 2 15660.00 47.57 74.00 -26.43 53.31 40.60 12.72 59.06 -- -- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10440.00 47.51 68.30 -20.79 57.97 37.66 10.79 58.91 -- -- Peak 2 15660.00 48.67 74.00 -25.33 54.41 40.60 12.72 59.06 -- -- Peak

Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental

Peak

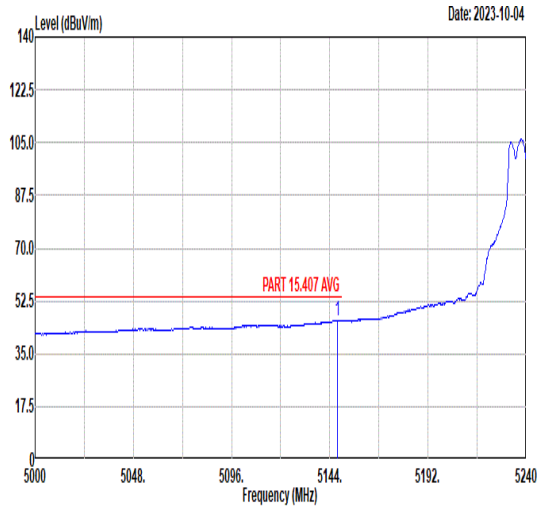


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5139.68	55.00	74.00	-19.00	45.51	34.41	7.91	32.83	200	268	PEAK

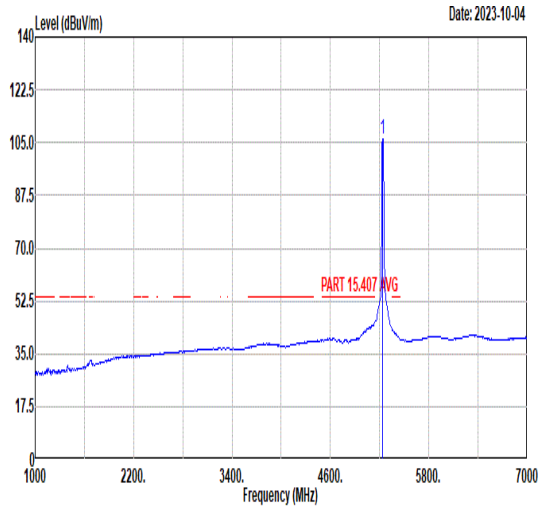


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5240.00	112.49	------	------	102.96	34.49	8.04	33.00	200	268	PEAK

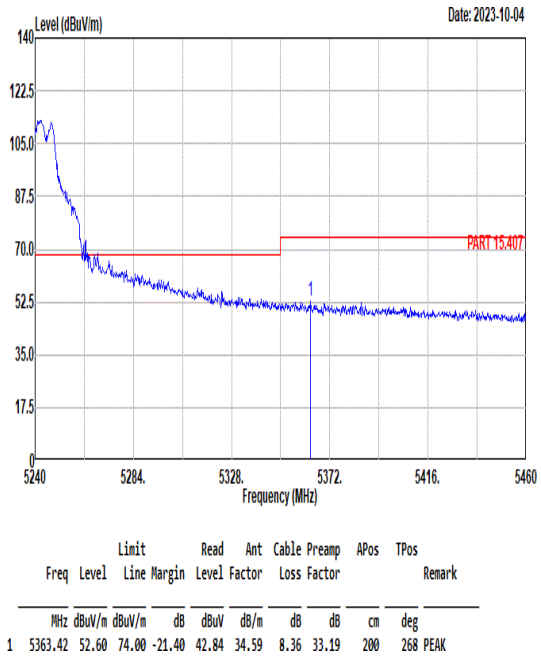
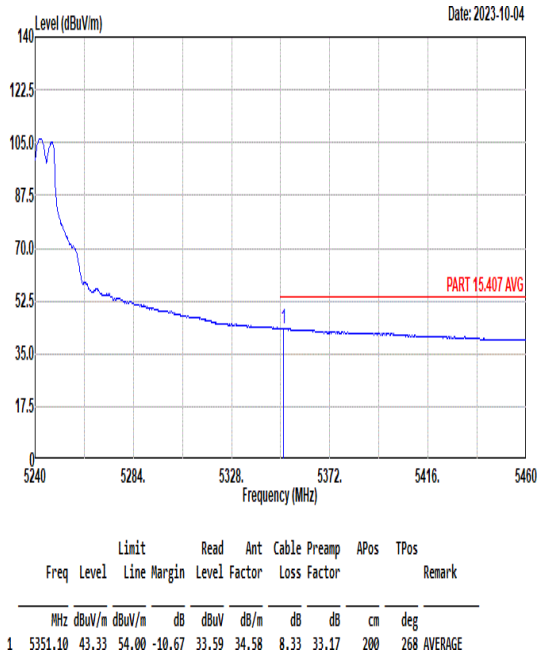
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5147.60	45.98	54.00	-8.02	36.48	34.42	7.92	32.84	200	268	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5240.00	106.08	------	------	96.55	34.49	8.04	33.00	200	268	AVERAGE

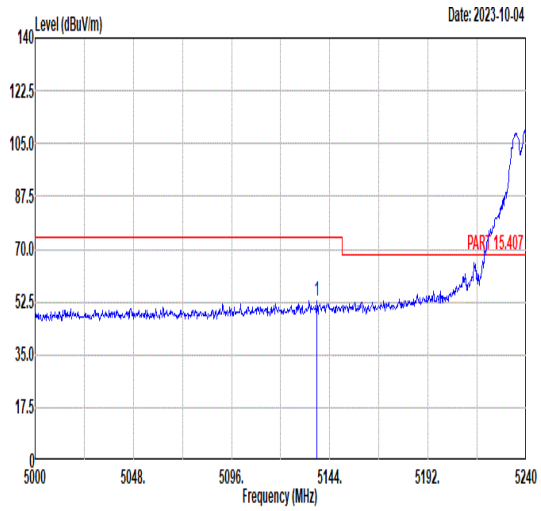
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		Blank
Avg		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5363.42	52.60	74.00	-21.40	42.84	34.59	8.36	33.19	200	268	PEAK

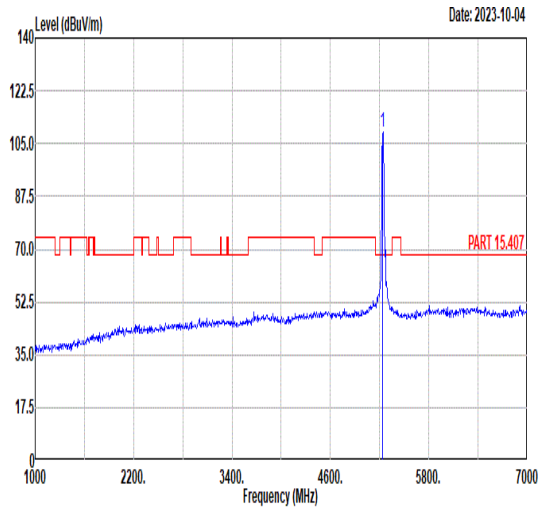
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5351.10	43.33	54.00	-10.67	33.59	34.58	8.33	33.17	200	268	AVERAGE

Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0+1	
Pol.	Vertical	Fundamental

Peak

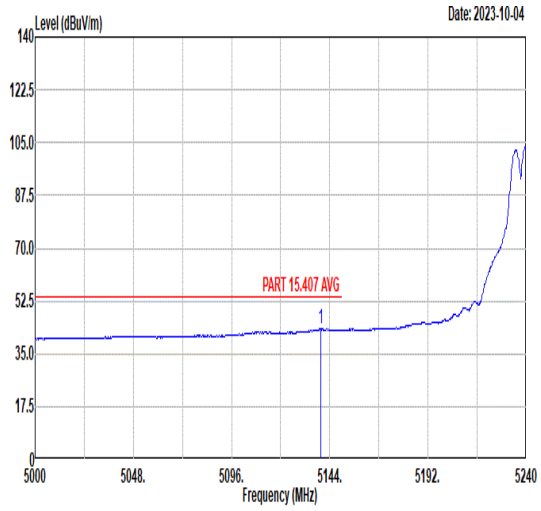


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5137.76	52.86	74.00	-21.14	43.37	34.41	7.91	32.83	349	0	PEAK

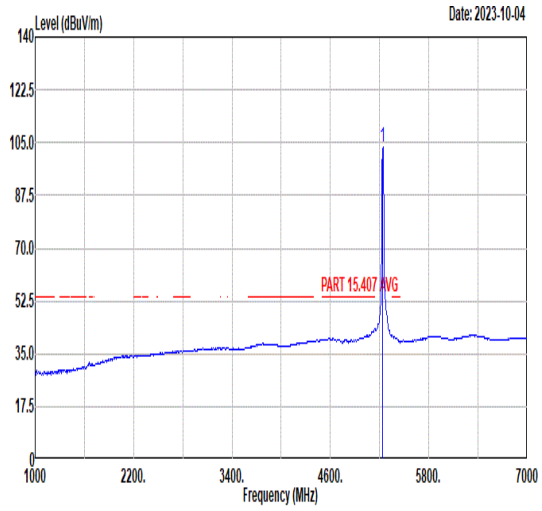


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5240.00	109.00	------	------	99.47	34.49	8.04	33.00	349	0	PEAK

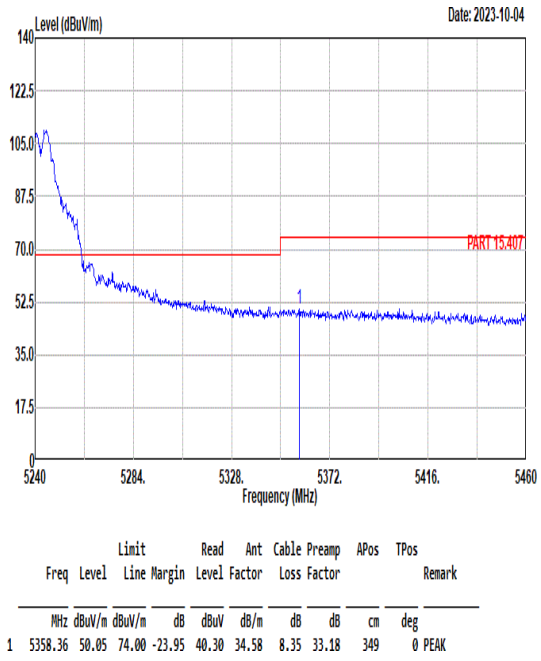
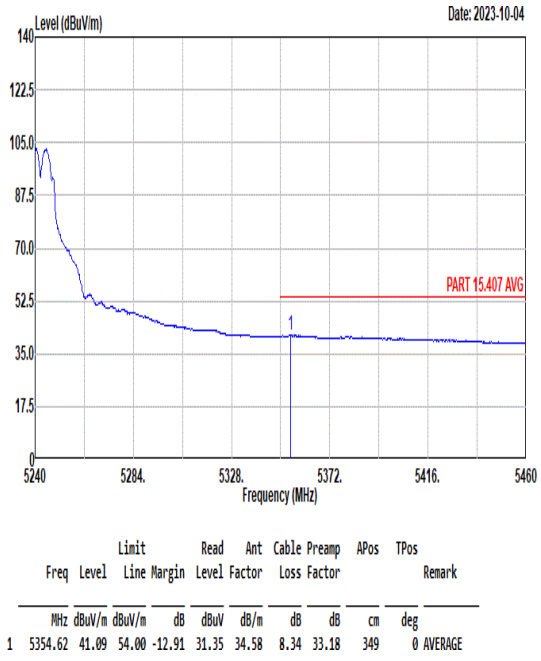
Avg



	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	5139.68	43.27	54.00	-10.73	33.78	34.41	7.91	32.83	349	0	AVERAGE



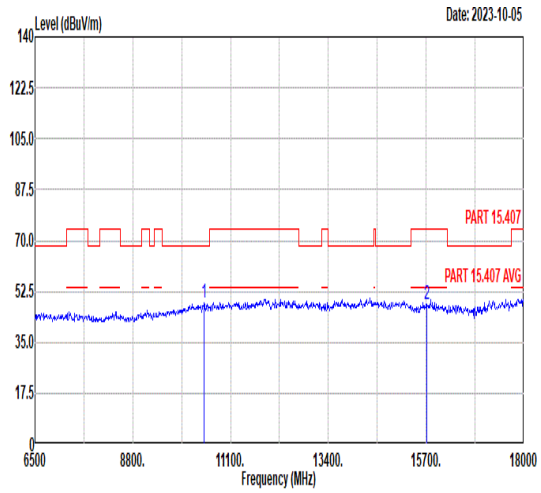
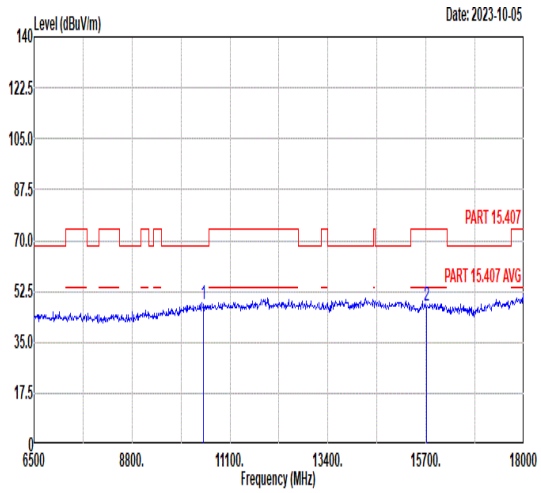
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5240.00	103.31	------	------	93.78	34.49	8.04	33.00	349	0	AVERAGE

Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		Blank
Avg		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5358.36	50.05	74.00	-23.95	40.30	34.58	8.35	33.18	349	0	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5354.62	41.09	54.00	-12.91	31.35	34.58	8.34	33.18	349	0	AVERAGE

Mode	3
	Harmonic
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz
ANT	0+1

Pol.	Horizontal	Vertical
Peak Avg		

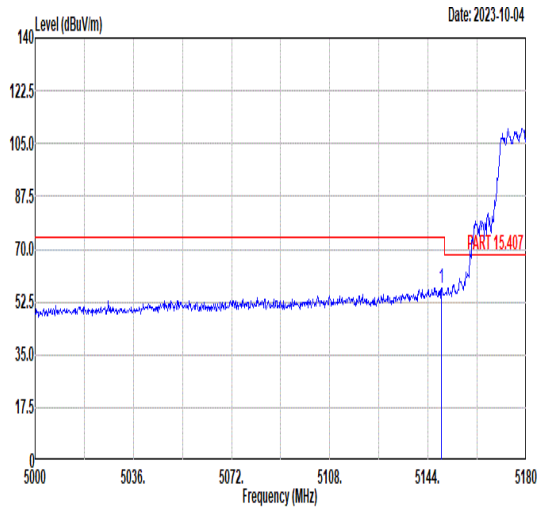
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	10480.00	48.78	68.30	-19.52	59.14	37.69	10.82	58.87	--	--	Peak
2	15720.00	48.31	74.00	-25.69	54.10	40.62	12.71	59.12	--	--	Peak

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	10480.00	48.30	68.30	-20.00	58.66	37.69	10.82	58.87	--	--	Peak
2	15720.00	47.79	74.00	-26.21	53.58	40.62	12.71	59.12	--	--	Peak

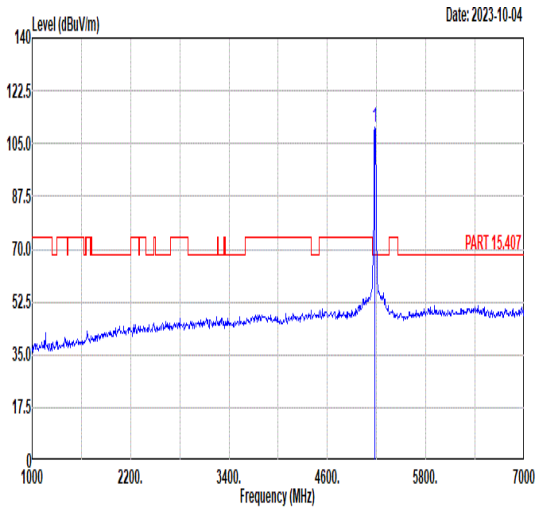
Mode	4
	Band Edge
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU _5180MHz
ANT	0+1

Pol.	Horizontal	Fundamental

Peak

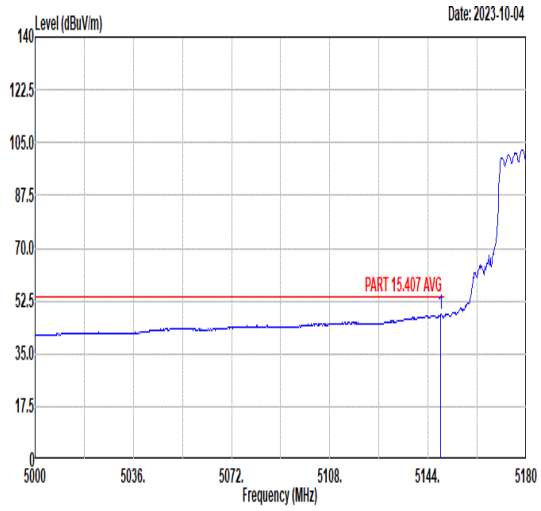


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5148.86	57.17	74.00	-16.83	47.67	34.42	7.92	32.84	200	273	PEAK

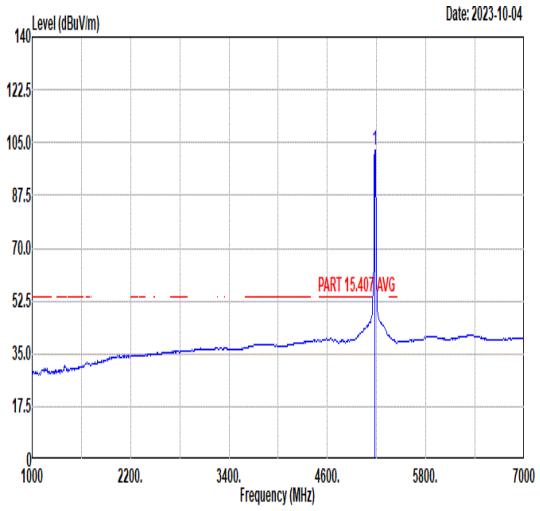


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	110.55	------	------	101.06	34.44	7.94	32.89	200	273	PEAK

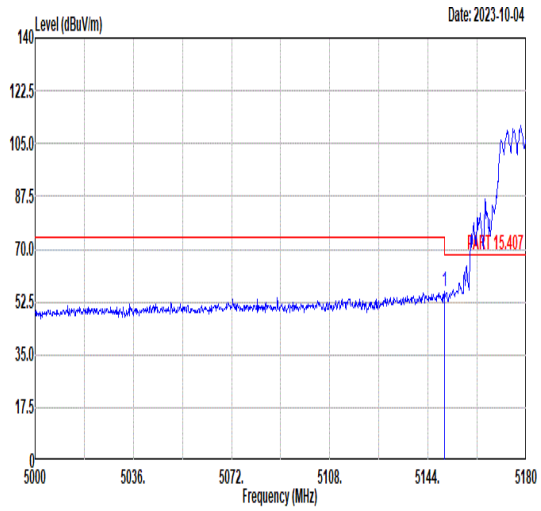
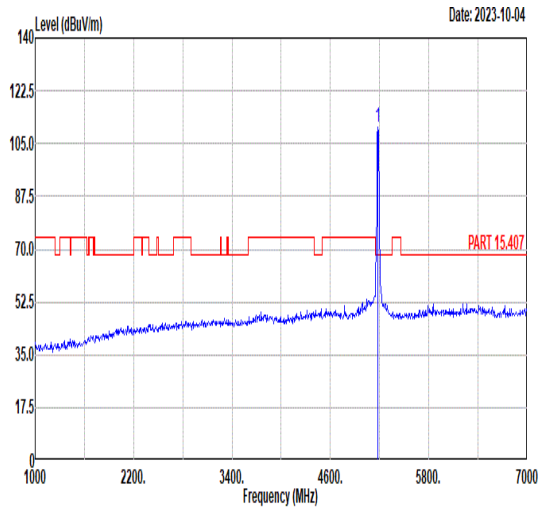
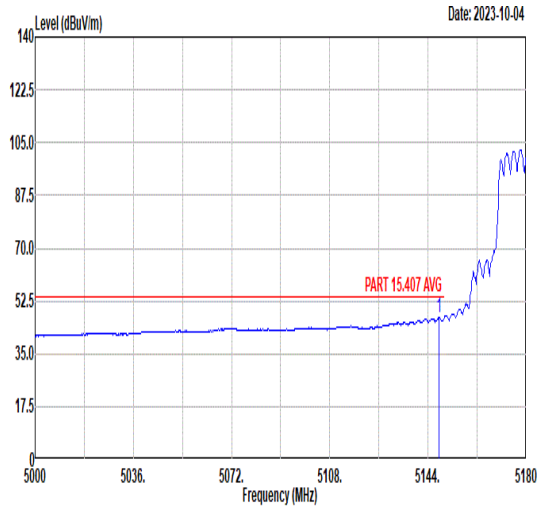
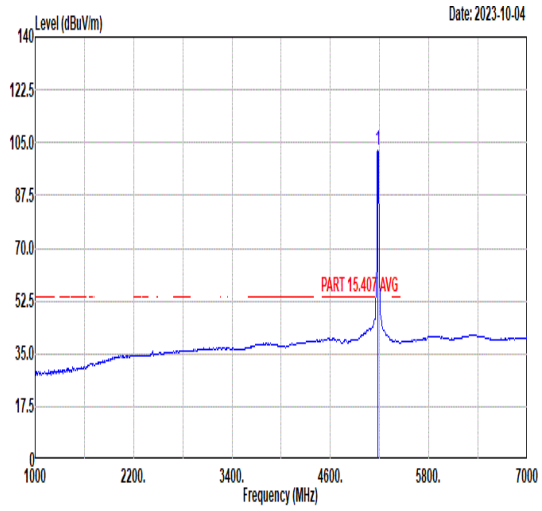
Avg



	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	5148.68	47.85	54.00	-6.15	38.35	34.42	7.92	32.84	200	273	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	102.61	------	------	93.12	34.45	7.94	32.90	200	273	AVERAGE

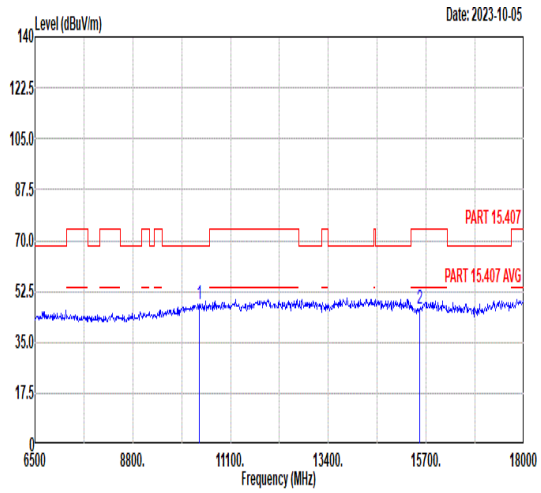
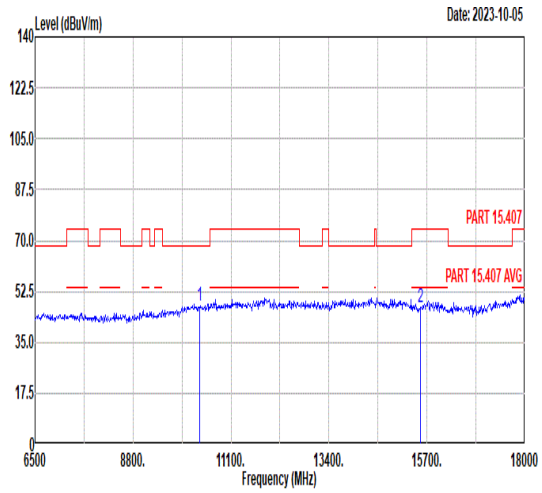
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU _5180MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.94	56.19	74.00	-17.81	46.70	34.42	7.92	32.85	255	8	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	110.23	------	------	100.74	34.45	7.94	32.90	255	8	PEAK

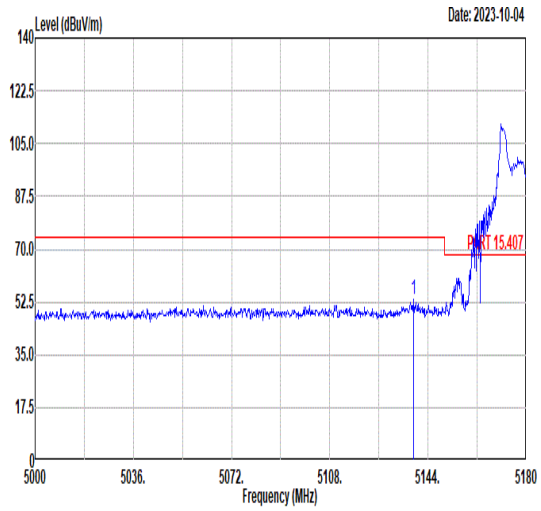
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5148.14	47.00	54.00	-7.00	37.50	34.42	7.92	32.84	255	8	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	102.54	------	------	93.05	34.45	7.94	32.90	255	8	AVERAGE

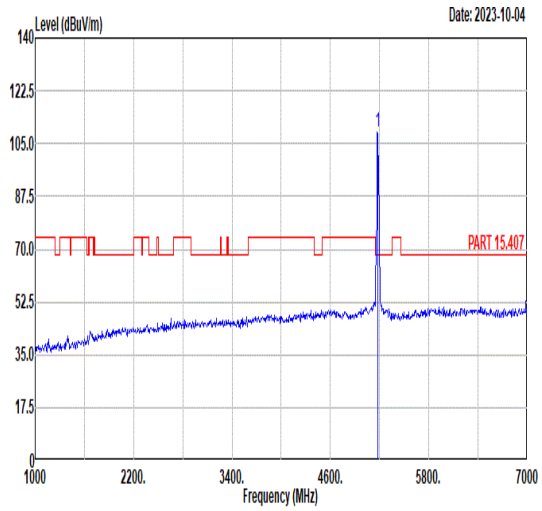
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU _5180MHz	
ANT	0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10360.00 48.28 68.30 -20.02 58.93 37.62 10.73 59.00 -- -- Peak 2 15540.00 46.65 74.00 -27.35 52.31 40.56 12.72 58.94 -- -- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10360.00 47.61 68.30 -20.69 58.26 37.62 10.73 59.00 -- -- Peak 2 15540.00 47.13 74.00 -26.87 52.79 40.56 12.72 58.94 -- -- Peak

Mode	5	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial_RU 26/0_5180MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental

Peak

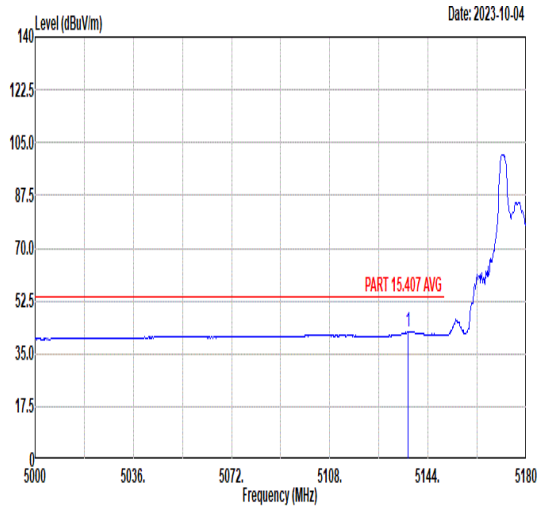


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5138.60	53.16	74.00	-20.84	43.67	34.41	7.91	32.83	200	268	PEAK

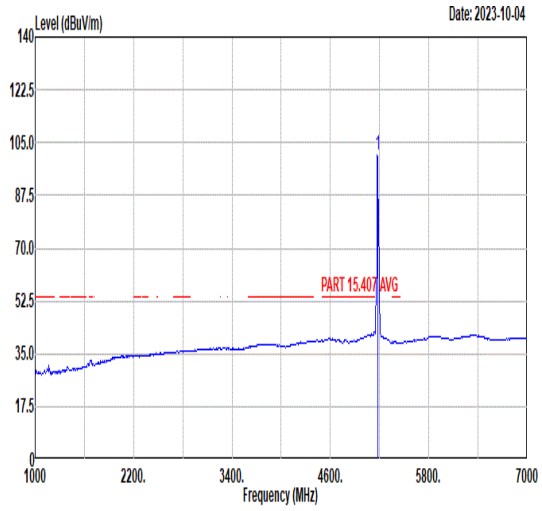


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	108.99	------	------	99.50	34.44	7.93	32.88	200	268	PEAK

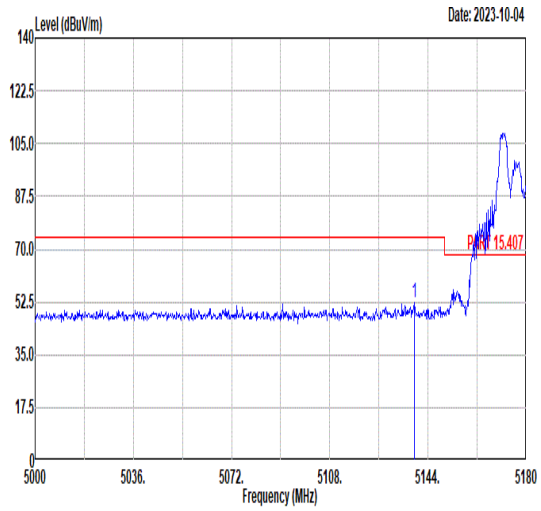
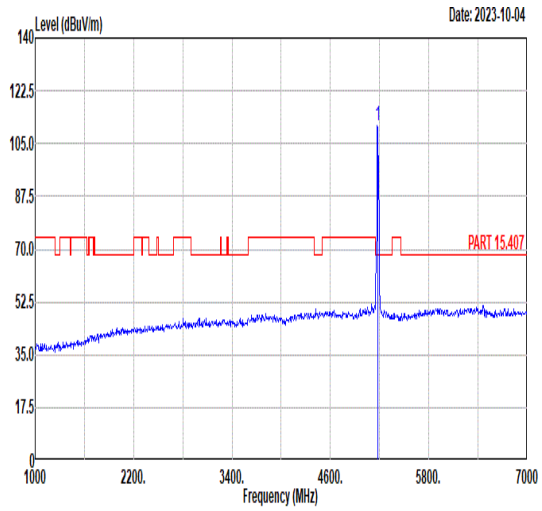
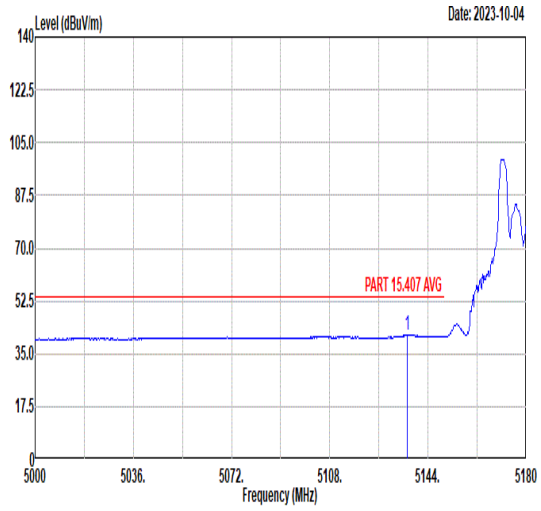
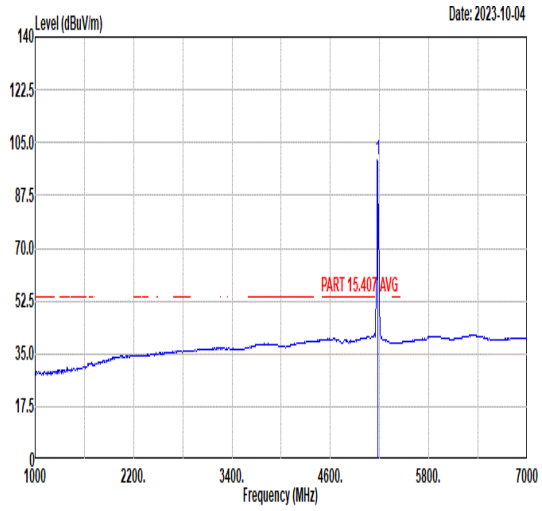
Avg



	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	5136.80	42.33	54.00	-11.67	32.83	34.41	7.91	32.82	200	268	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	100.72	------	------	91.23	34.44	7.93	32.88	200	268	AVERAGE

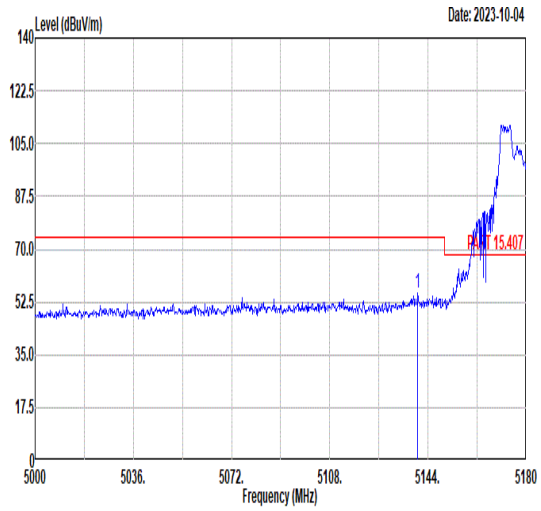
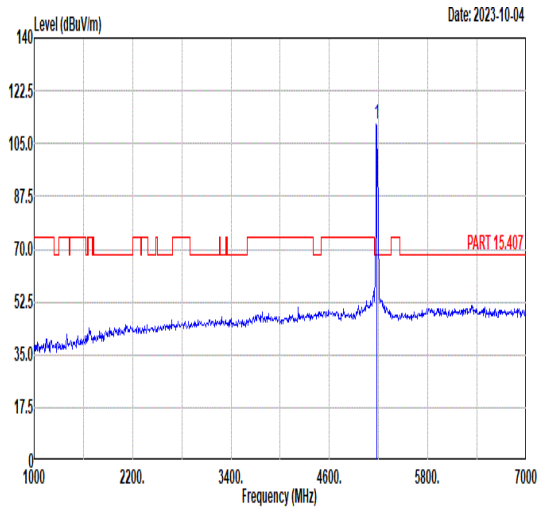
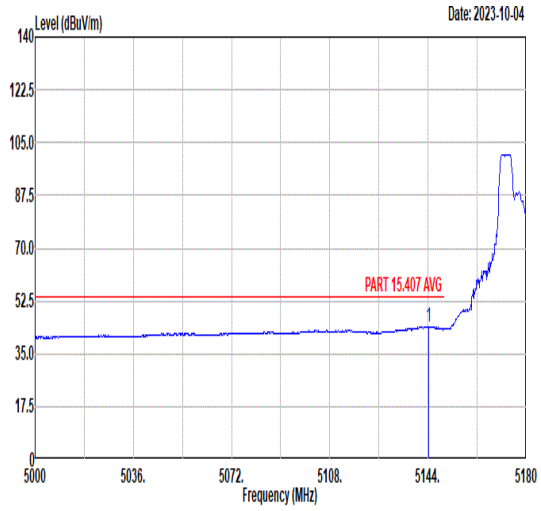
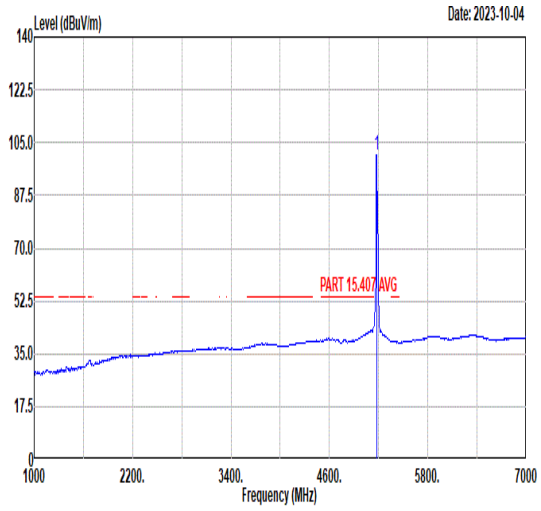
Mode	5	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial_RU 26/0_5180MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5138.96	52.18	74.00	-21.82	42.69	34.41	7.91	32.83	261	5	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	110.75	------	------	101.26	34.44	7.93	32.88	261	5	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	5136.26	41.31	54.00	-12.69	31.81	34.41	7.91	32.82	261	5	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	99.14	------	------	89.65	34.44	7.93	32.88	261	5	AVERAGE

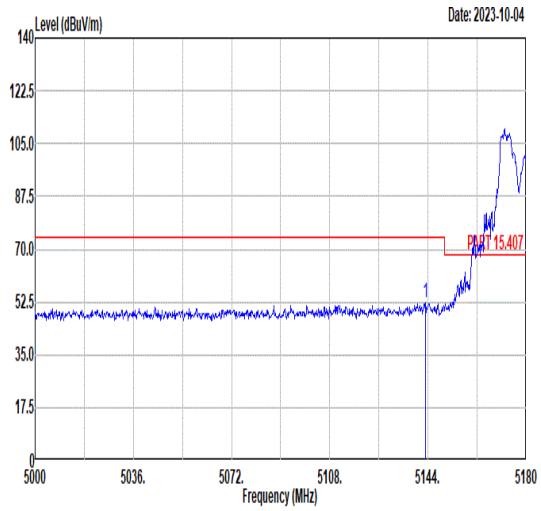
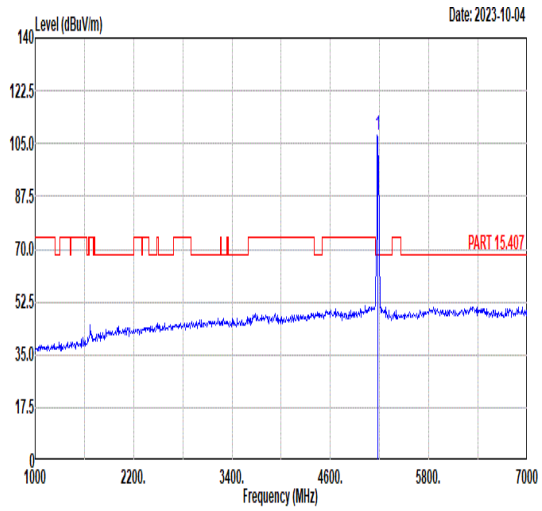
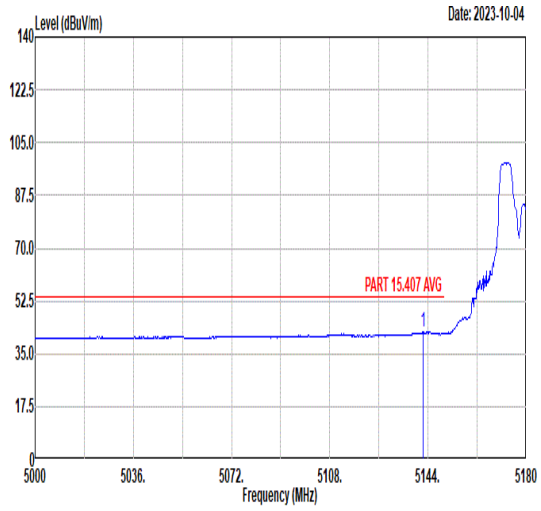
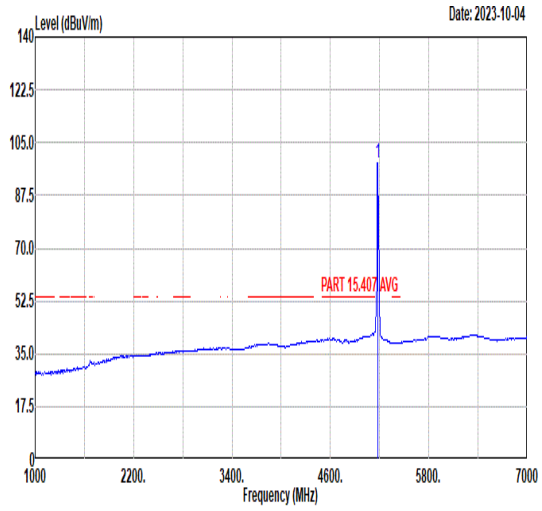
Mode	6	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_ Partial_RU 52/37_5180MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5140.22	55.57	74.00	-18.43	46.08	34.41	7.91	32.83	199	267	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	111.38	------	------	101.89	34.44	7.93	32.88	199	267	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	5144.36	44.03	54.00	-9.97	34.54	34.42	7.91	32.84	199	267	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	100.78	------	------	91.29	34.44	7.94	32.89	199	267	AVERAGE

Mode	6	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_ Partial_RU 52/37_5180MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
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	5143.10	52.05	74.00	-21.95	42.55	34.42	7.91	32.83	294	13	PEAK

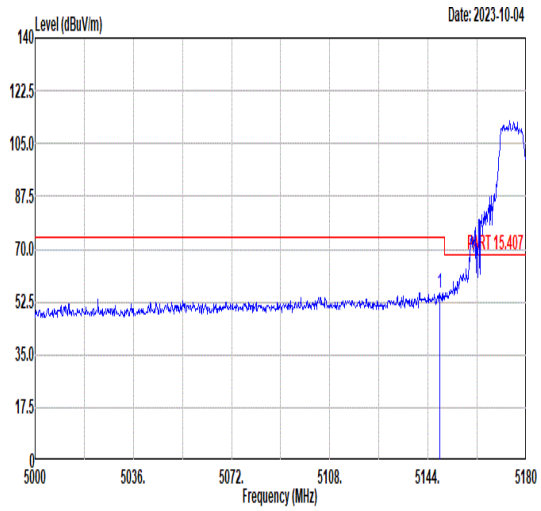
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	107.82	------	------	98.33	34.44	7.93	32.88	294	13	PEAK

	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	5142.20	42.21	54.00	-11.79	32.71	34.42	7.91	32.83	294	13	AVERAGE

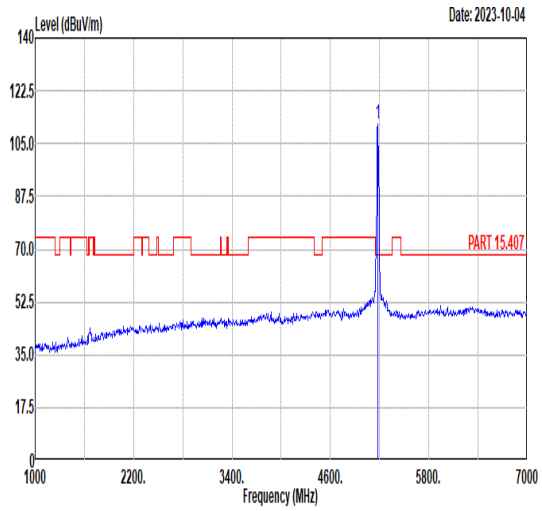
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	98.06	------	------	88.57	34.44	7.94	32.89	294	13	AVERAGE

Mode	7	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial_RU 106/53_5180MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental

Peak

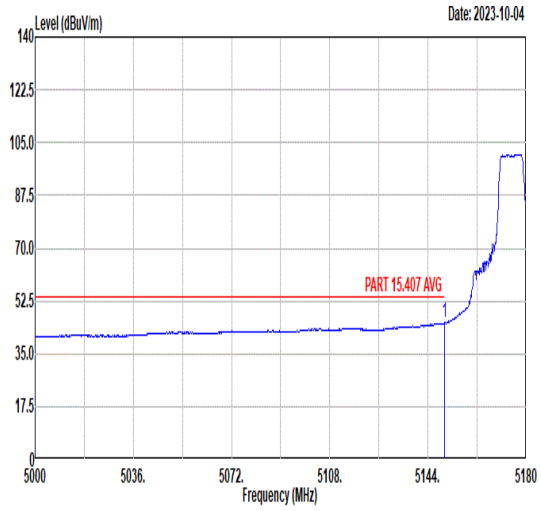


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5148.32	55.54	74.00	-18.46	46.04	34.42	7.92	32.84	206	267	PEAK

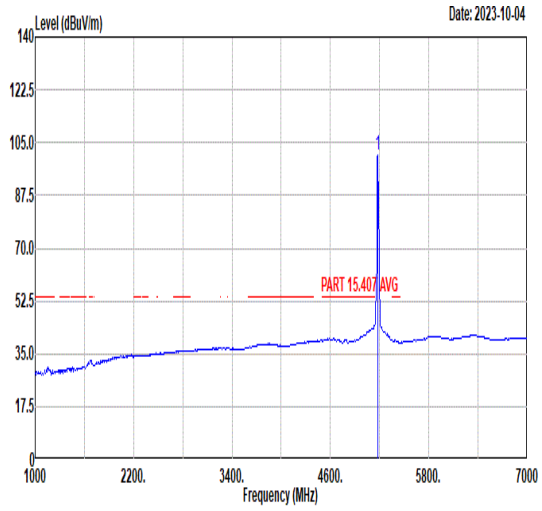


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	111.49	------	------	102.00	34.44	7.94	32.89	206	267	PEAK

Avg



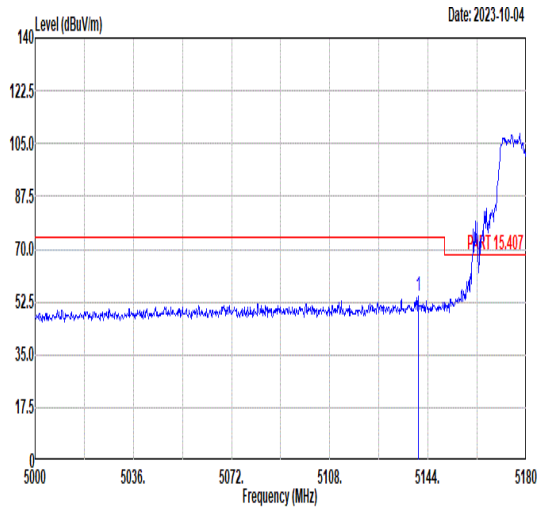
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.94	45.20	54.00	-8.80	35.71	34.42	7.92	32.85	206	267	AVERAGE



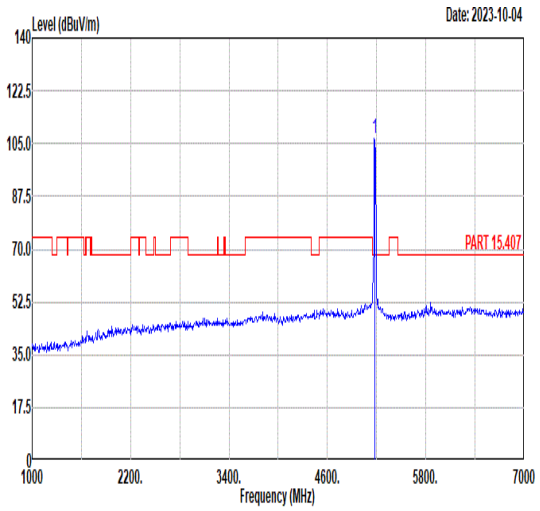
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	100.92	------	------	91.43	34.44	7.94	32.89	206	267	AVERAGE

Mode	7	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial_RU 106/53_5180MHz	
ANT	0+1	
Pol.	Vertical	Fundamental

Peak

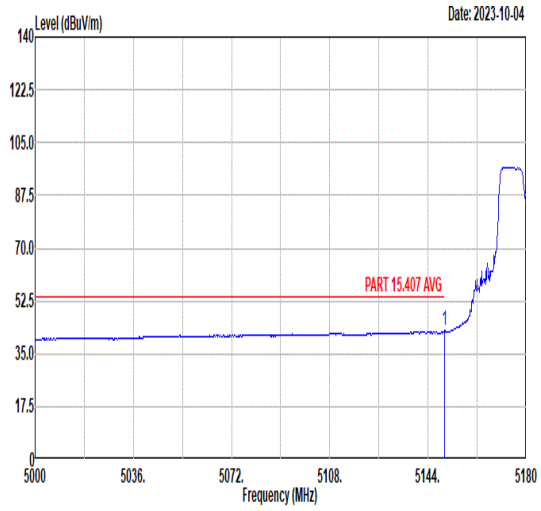


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5140.40	54.28	74.00	-19.72	44.79	34.41	7.91	32.83	317	17	PEAK

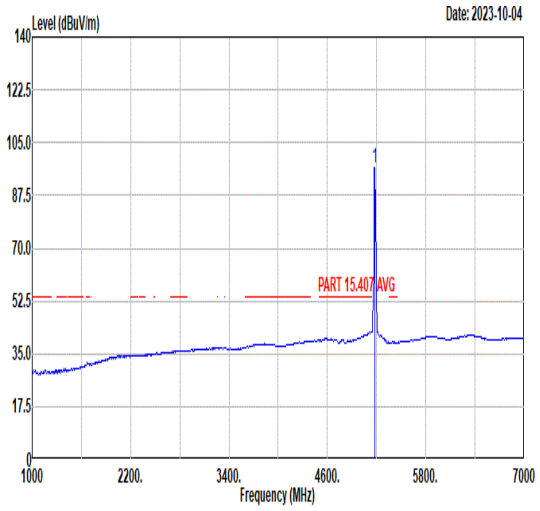


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	106.49	------	------	97.00	34.44	7.93	32.88	317	17	PEAK

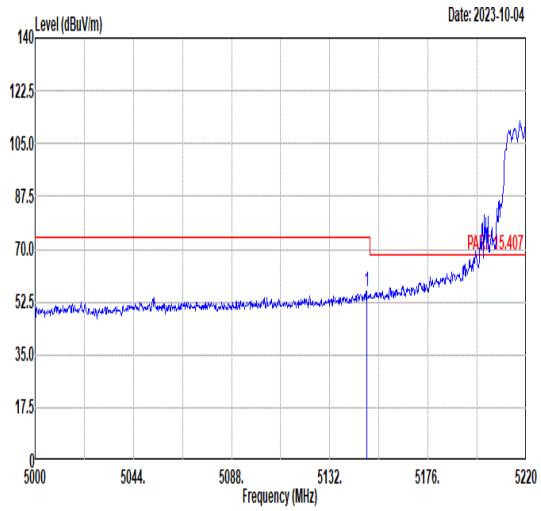
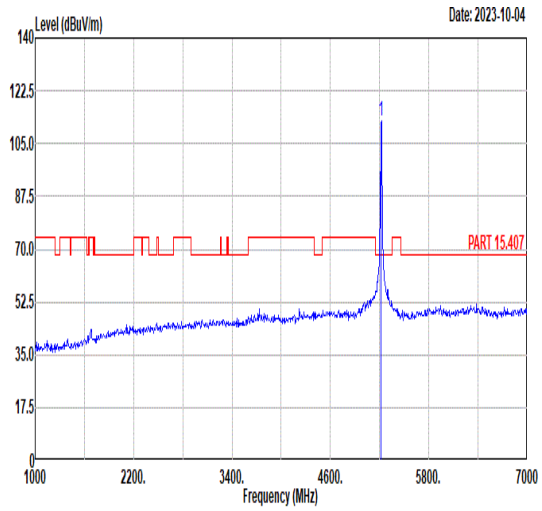
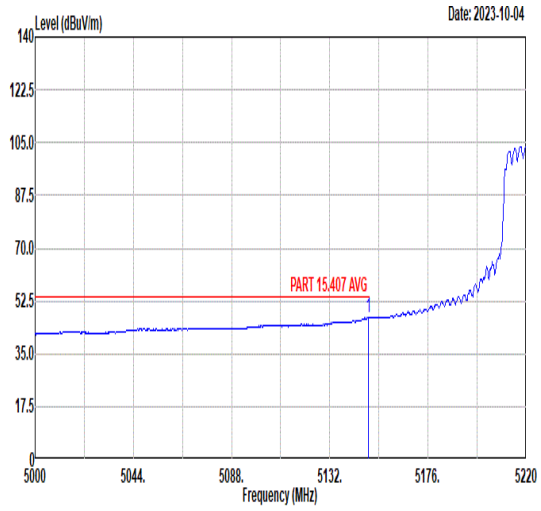
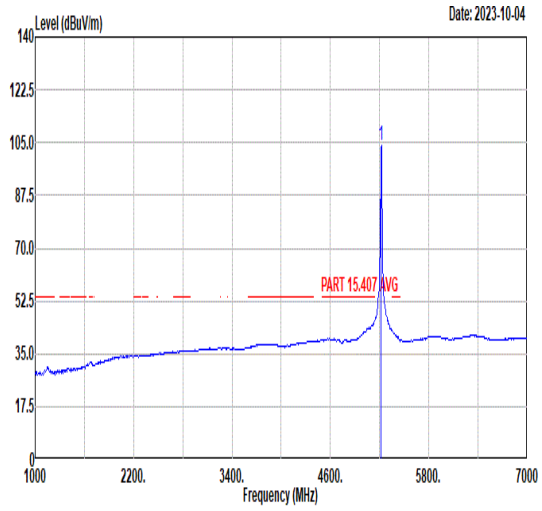
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.94	42.55	54.00	-11.45	33.06	34.42	7.92	32.85	317	17	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5180.00	96.80	------	------	87.31	34.44	7.94	32.89	317	17	AVERAGE

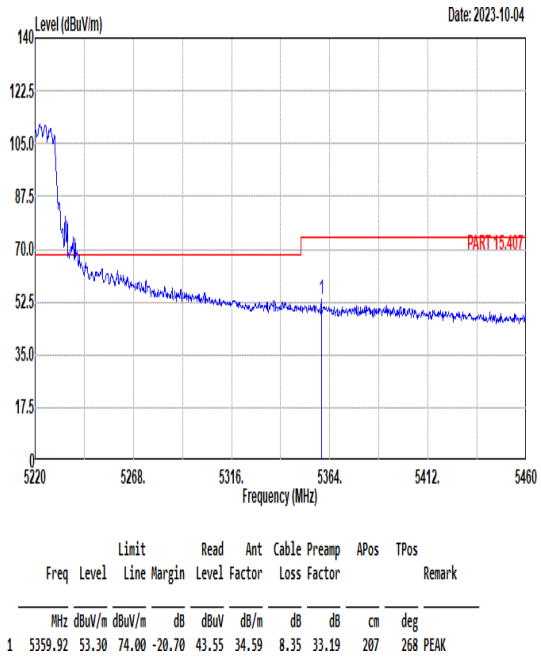
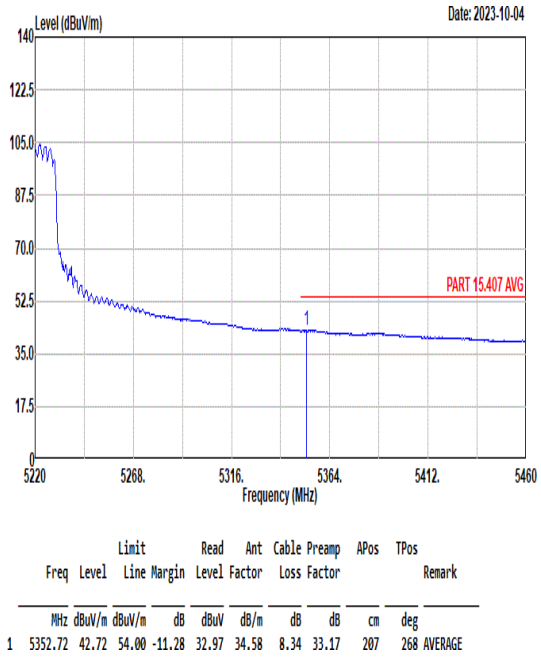
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU _5220MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5148.50	56.25	74.00	-17.75	46.75	34.42	7.92	32.84	207	268	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	5220.00	112.55	------	------	103.05	34.48	7.99	32.97	207	268	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.16	47.13	54.00	-6.87	37.63	34.42	7.92	32.84	207	268	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5220.00	104.27	------	------	94.77	34.48	7.99	32.97	207	268	AVERAGE

Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU _5220MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		Blank
Avg		Blank

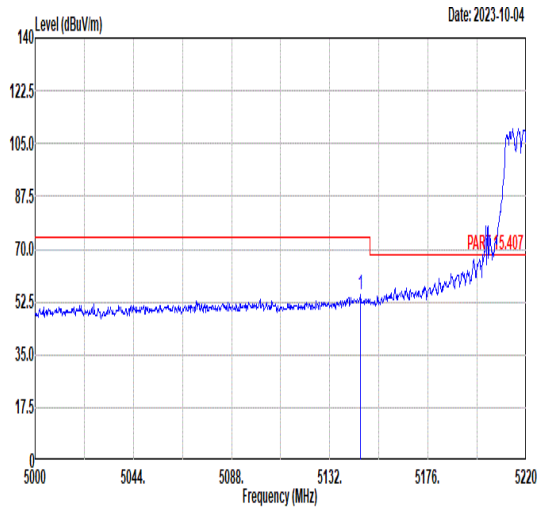
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5359.92	53.30	74.00	-20.70	43.55	34.59	8.35	33.19	207	268	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5352.72	42.72	54.00	-11.28	32.97	34.58	8.34	33.17	207	268	AVERAGE

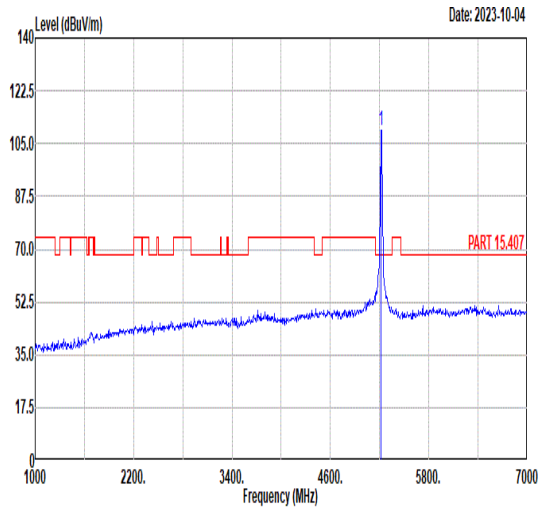
Mode	8
	Band Edge - L
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU _5220MHz
ANT	0+1

Pol.	Vertical	Fundamental

Peak

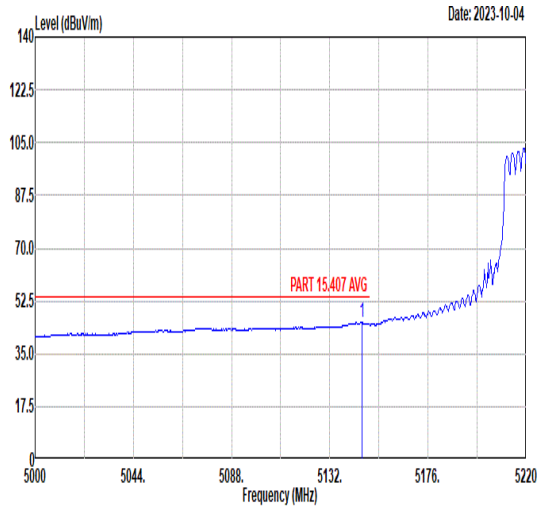


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5145.86	54.76	74.00	-19.24	45.26	34.42	7.92	32.84	318	12	PEAK

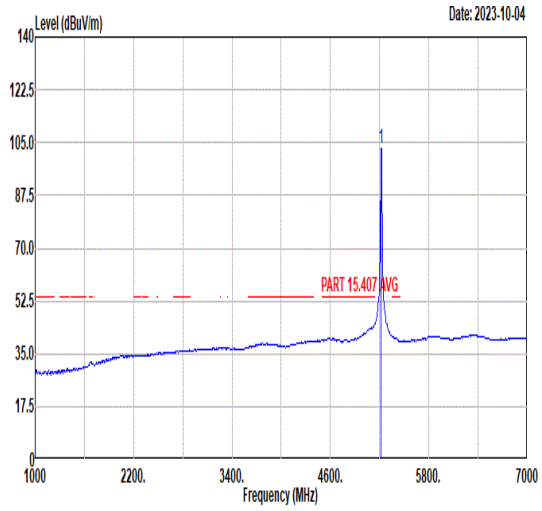


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5220.00	109.51	------	------	100.01	34.48	7.99	32.97	318	12	PEAK

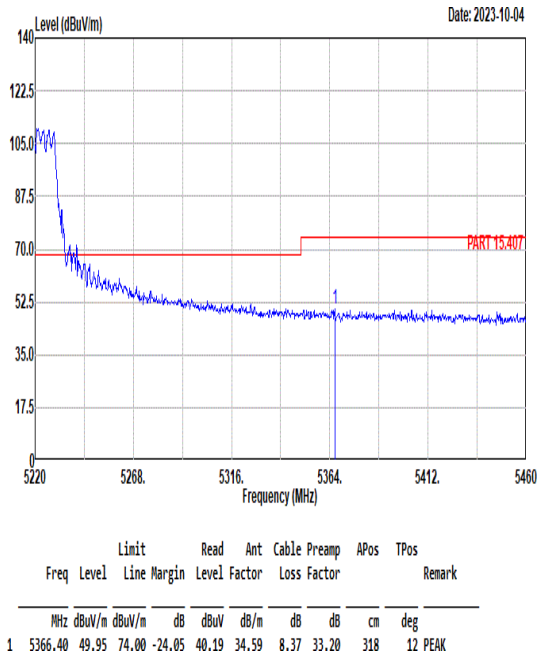
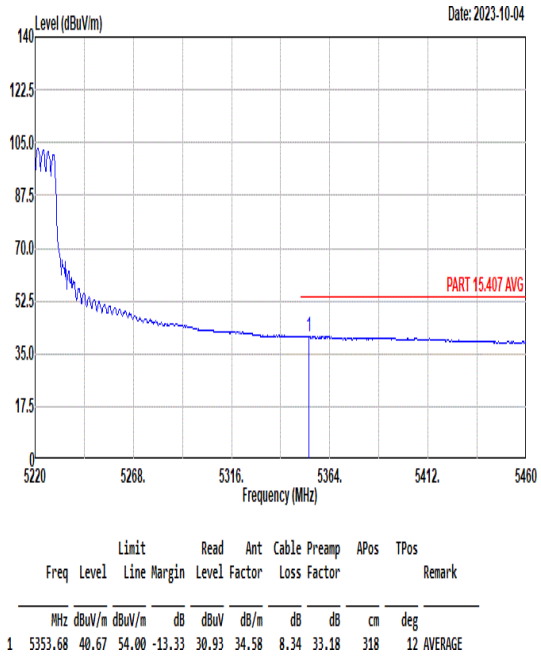
Avg



	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	5146.30	45.45	54.00	-8.55	35.95	34.42	7.92	32.84	318	12	AVERAGE

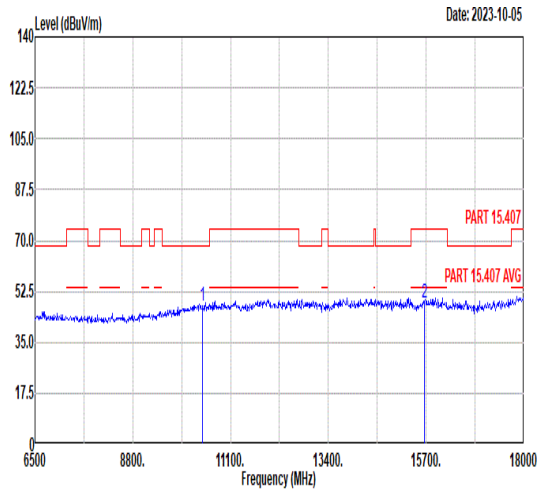
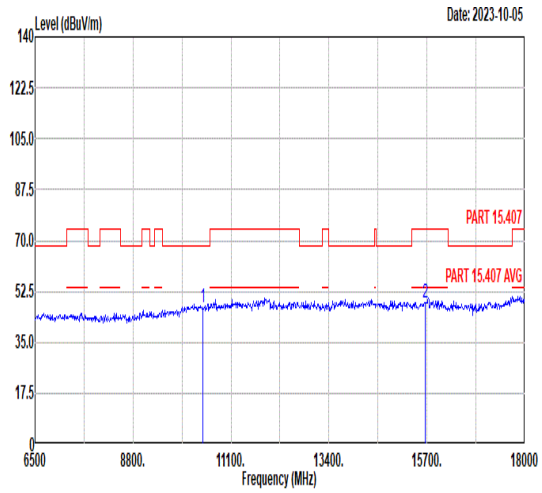


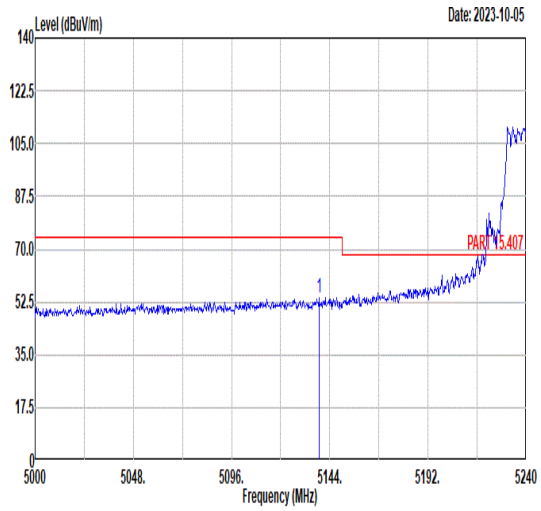
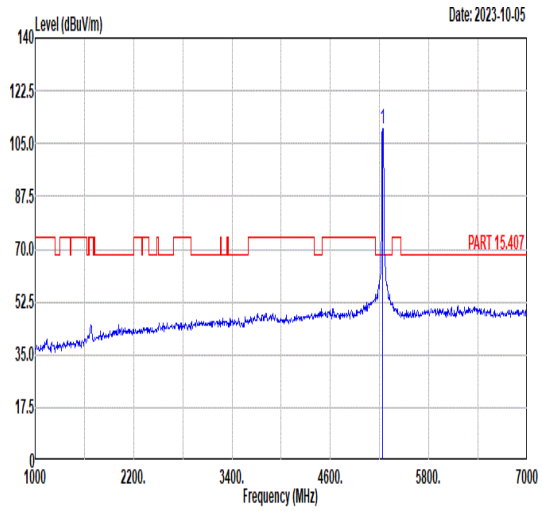
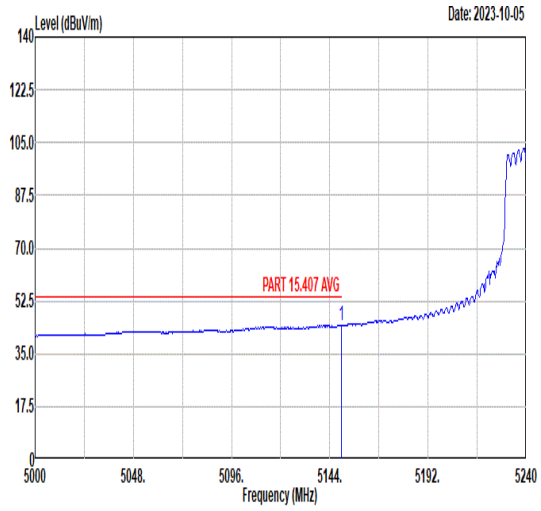
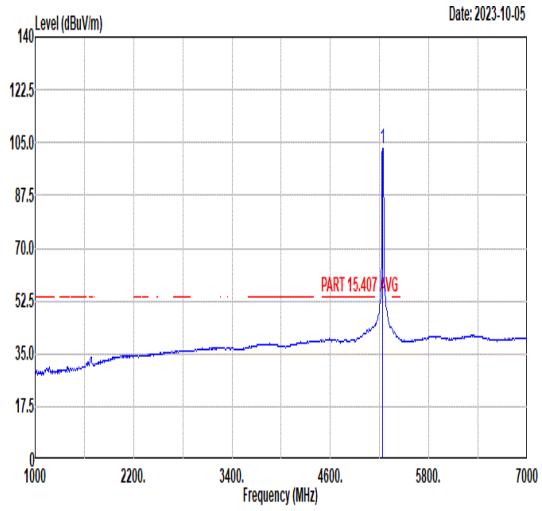
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5220.00	102.78	------	------	93.28	34.48	7.99	32.97	318	12	AVERAGE

Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU _5220MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		Blank
Avg		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5366.40	49.95	74.00	-24.05	40.19	34.59	8.37	33.20	318	12	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	5353.68	40.67	54.00	-13.33	30.93	34.58	8.34	33.18	318	12	AVERAGE

Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU _5220MHz	
ANT	0+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 10440.00 47.68 68.30 -20.62 58.14 37.66 10.79 58.91 -- -- Peak 2 15660.00 48.69 74.00 -25.31 54.43 40.60 12.72 59.06 -- -- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10440.00 46.99 68.30 -21.31 57.45 37.66 10.79 58.91 -- -- Peak 2 15660.00 48.51 74.00 -25.49 54.25 40.60 12.72 59.06 -- -- Peak

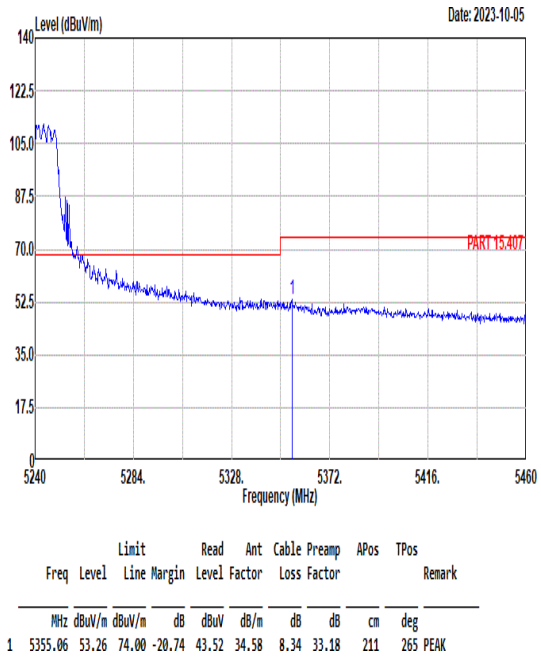
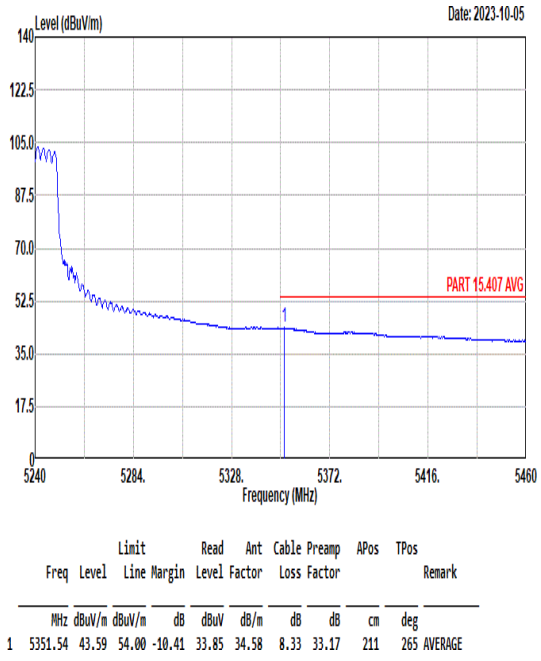
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU _5240MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5138.72	54.14	74.00	-19.86	44.65	34.41	7.91	32.83	211	265	PEAK

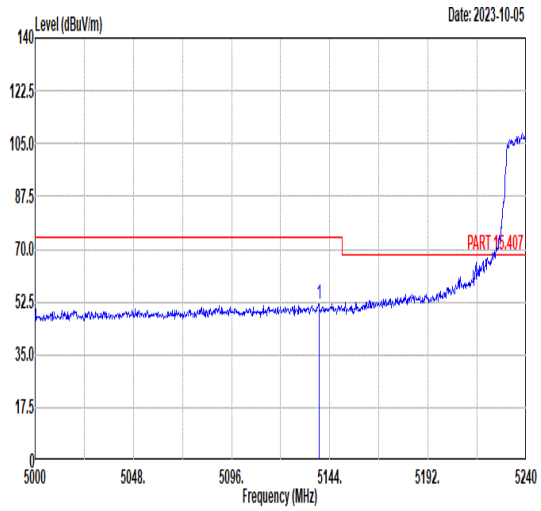
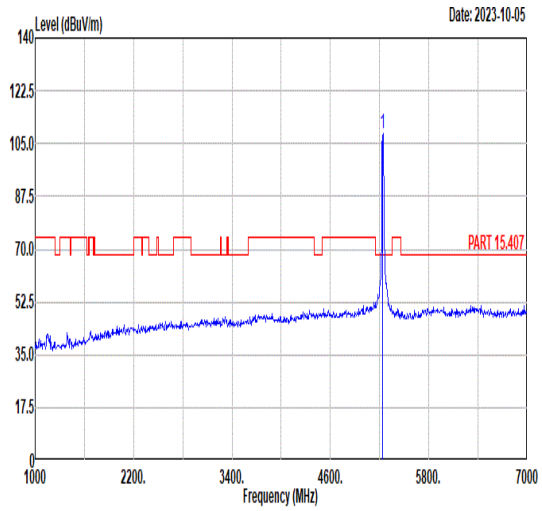
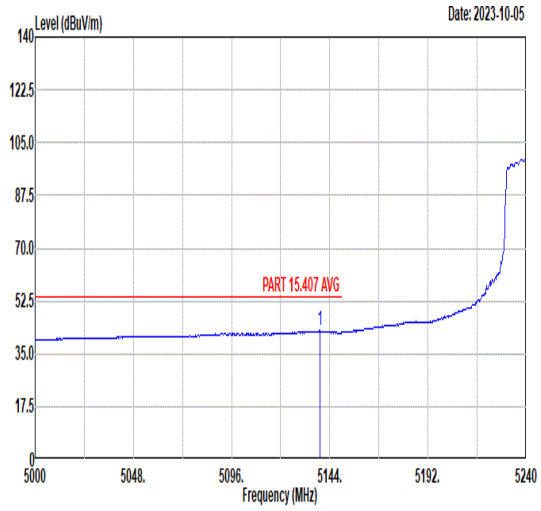
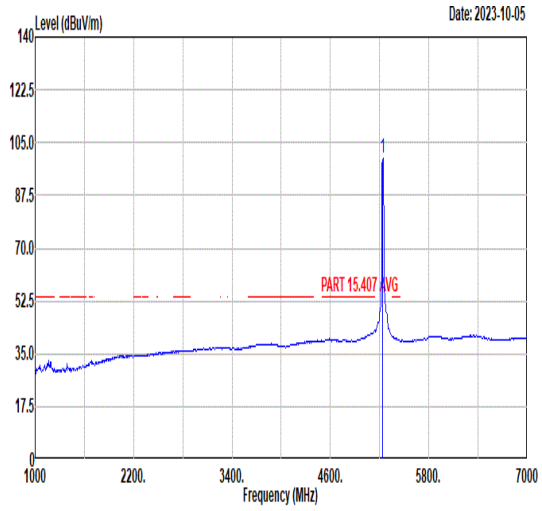
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5240.00	110.12	------	------	100.60	34.49	8.02	32.99	211	265	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.52	44.39	54.00	-9.61	34.90	34.42	7.92	32.85	211	265	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5240.00	103.15	------	------	93.62	34.49	8.04	33.00	211	265	AVERAGE

Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU _5240MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5355.06 53.26 74.00 -20.74 43.52 34.58 8.34 33.18 211 265 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5351.54 43.59 54.00 -10.41 33.85 34.58 8.33 33.17 211 265 AVERAGE	Blank

Mode	9
	Band Edge - L
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU _5240MHz
ANT	0+1

Pol.	Vertical	Fundamental
Peak		
Avg		

Vertical – 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	5138.72	51.80	74.00	-22.20	42.31	34.41	7.91	32.83	100	146	PEAK

Fundamental – Peak

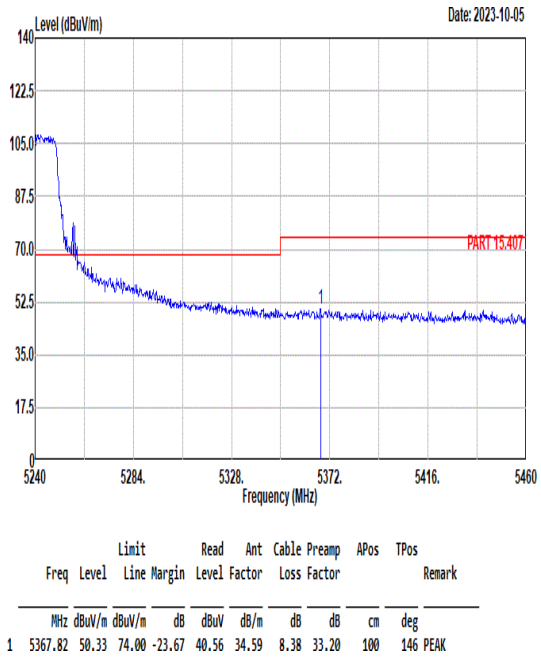
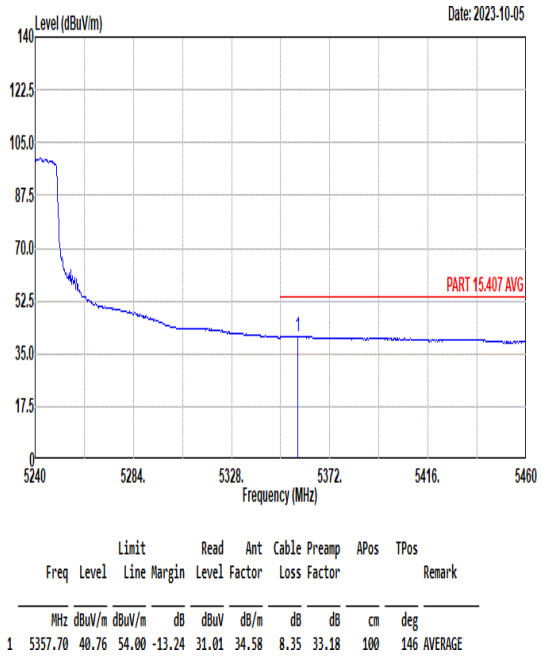
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5240.00	108.19	------	------	98.66	34.49	8.04	33.00	100	146	PEAK

Vertical – 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	5139.20	42.62	54.00	-11.38	33.13	34.41	7.91	32.83	100	146	AVERAGE

Fundamental – Avg

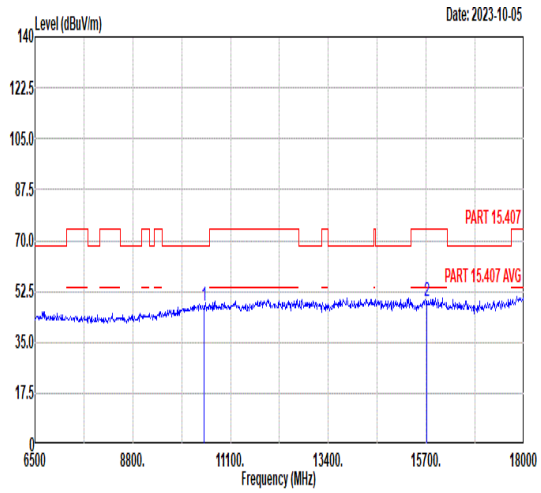
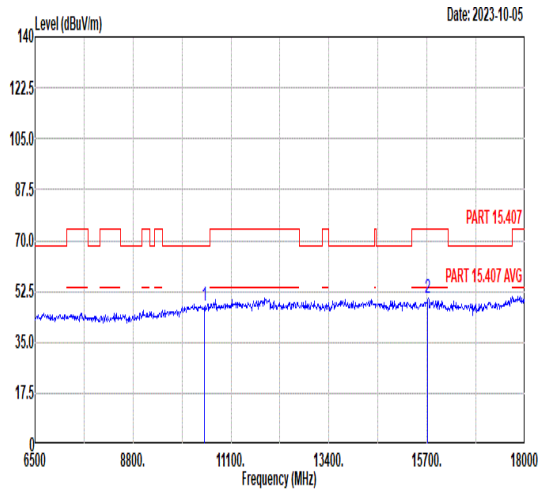
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5240.00	99.72	------	------	90.19	34.49	8.04	33.00	100	146	AVERAGE

Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU _5240MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		Blank
Avg		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5367.82	50.33	74.00	-23.67	40.56	34.59	8.38	33.20	100	146	PEAK

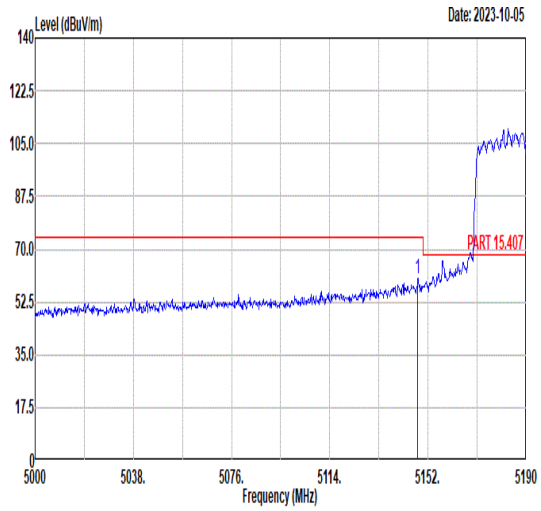
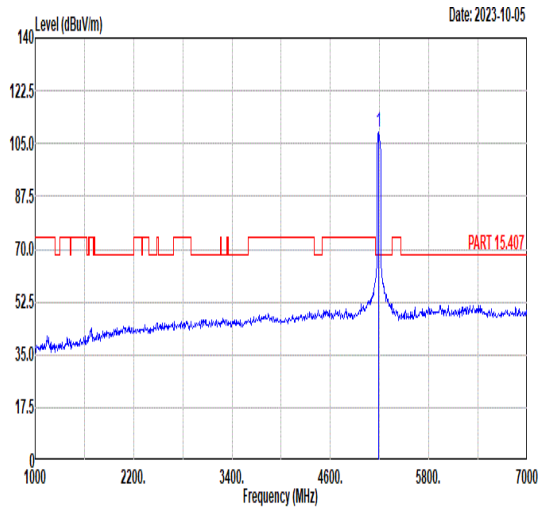
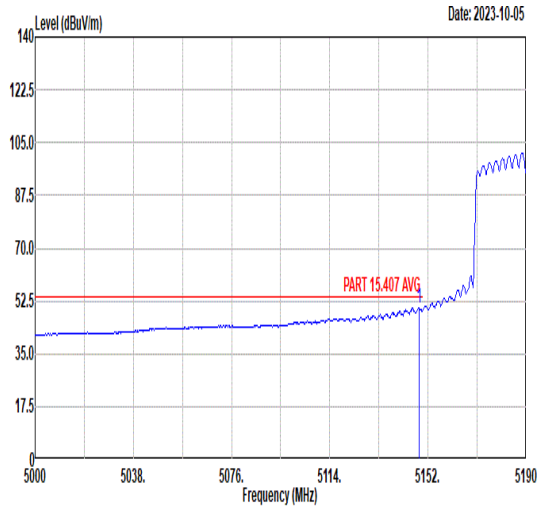
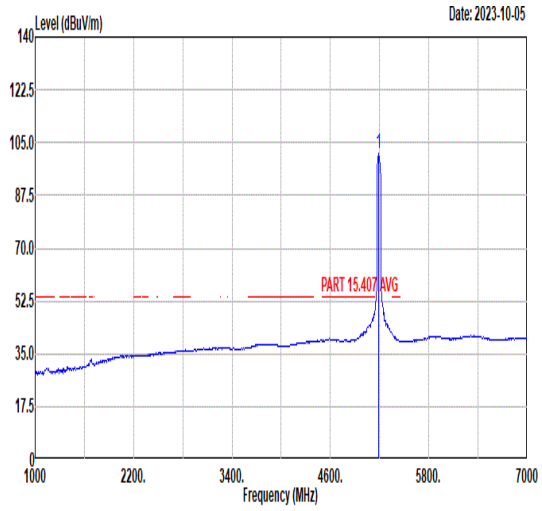
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5357.70	40.76	54.00	-13.24	31.01	34.58	8.35	33.18	100	146	AVERAGE

Mode	9
	Harmonic
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU _5240MHz
ANT	0+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	10480.00	47.35	68.30	-20.95	57.71	37.69	10.82	58.87	--	--	Peak
2	15720.00	49.35	74.00	-24.65	55.14	40.62	12.71	59.12	--	--	Peak

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	10480.00	47.39	68.30	-20.91	57.75	37.69	10.82	58.87	--	--	Peak
2	15720.00	49.97	74.00	-24.03	55.76	40.62	12.71	59.12	--	--	Peak

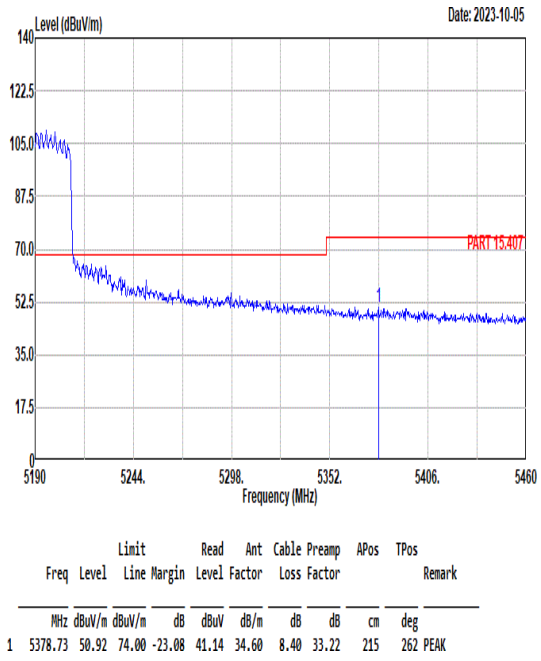
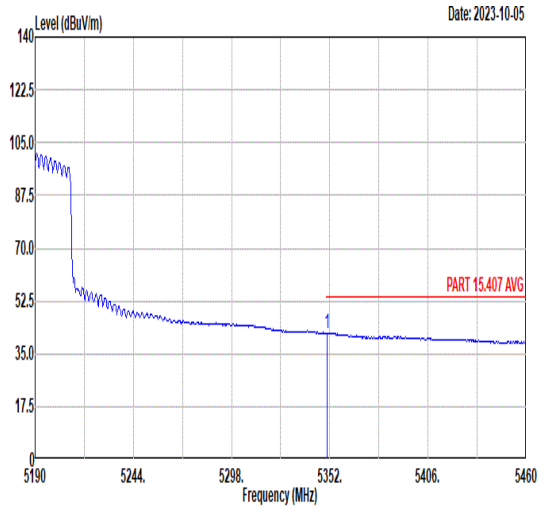
Mode	10	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full_5190MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5148.01	60.38	74.00	-13.62	50.88	34.42	7.92	32.84	215	262	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	5190.00	109.09	------	------	99.61	34.45	7.94	32.91	215	262	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5148.58	50.21	54.00	-3.79	40.71	34.42	7.92	32.84	215	262	AVERAGE

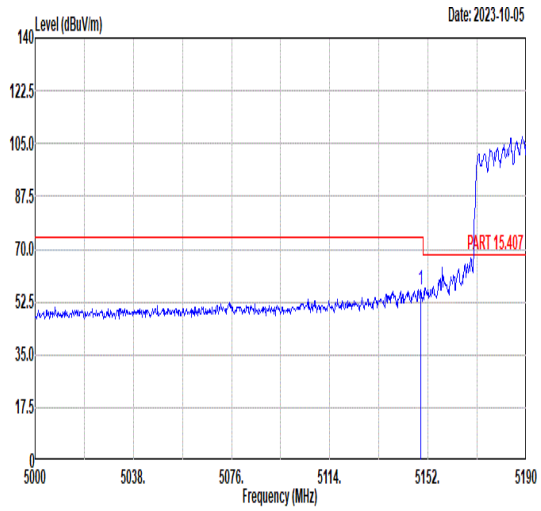
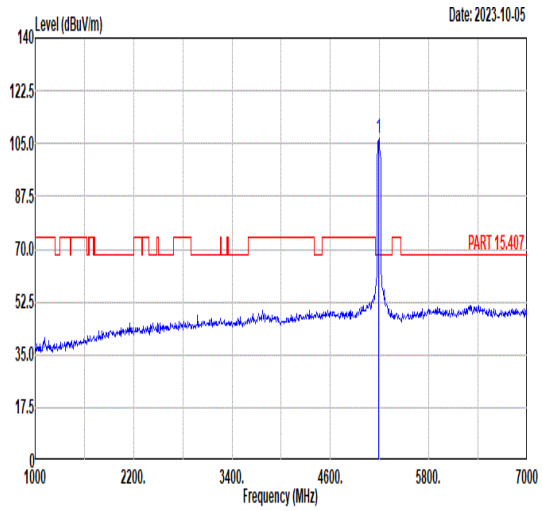
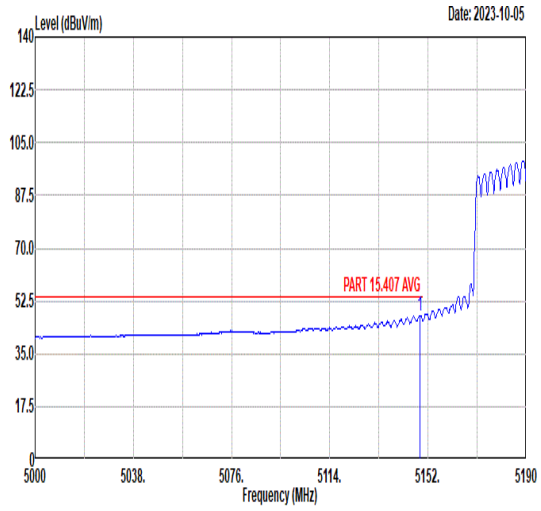
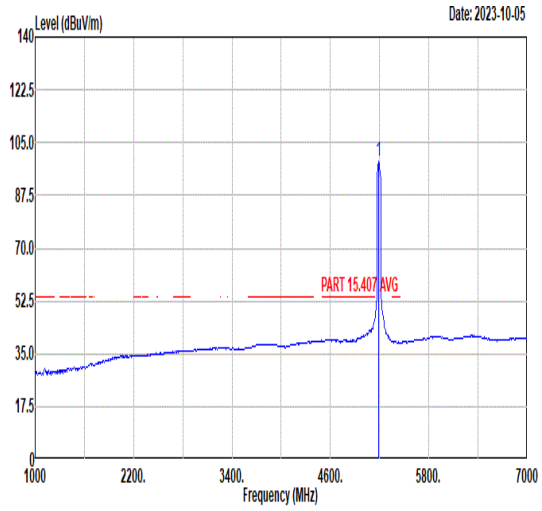
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5190.00	101.25	------	------	91.77	34.45	7.94	32.91	215	262	AVERAGE

Mode	10	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full_5190MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		Blank
Avg		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5378.73	50.92	74.00	-23.08	41.14	34.60	8.40	33.22	215	262	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5350.65	42.00	54.00	-12.00	32.26	34.58	8.33	33.17	215	262	AVERAGE

Mode	10
	Band Edge - L
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full_5190MHz
ANT	0+1

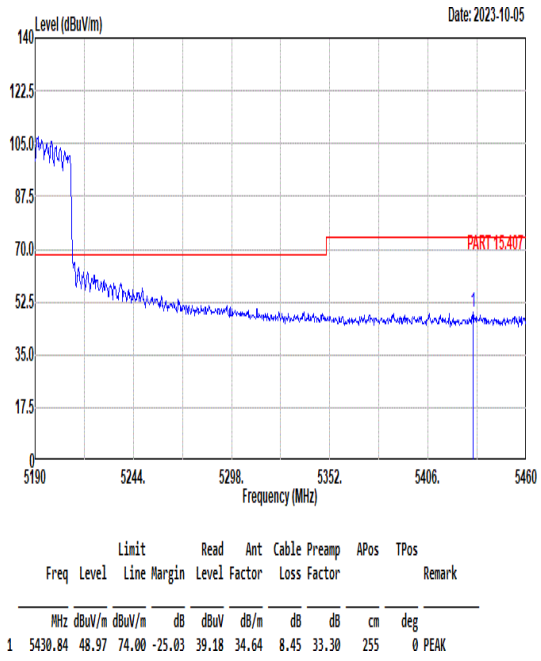
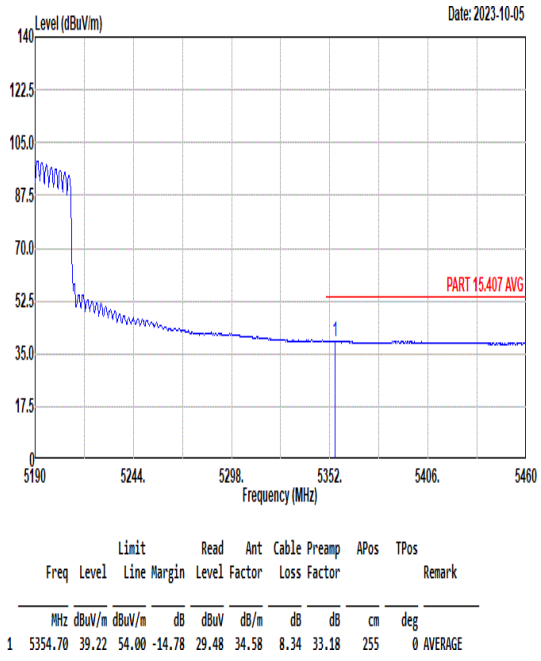
Pol.	Vertical	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.15	56.62	74.00	-17.38	47.12	34.42	7.92	32.84	255	0	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	5190.00	106.50	------	------	97.01	34.46	7.95	32.92	255	0	PEAK

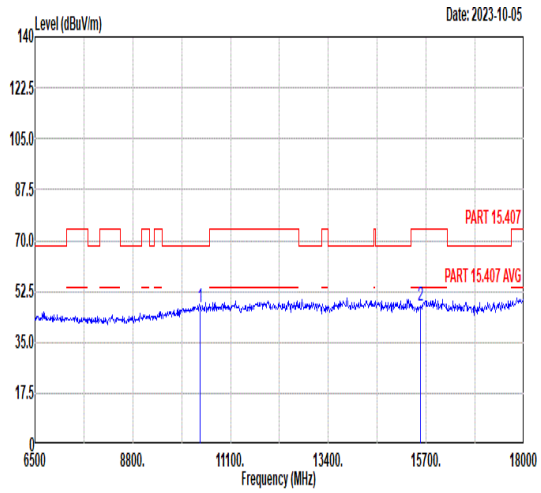
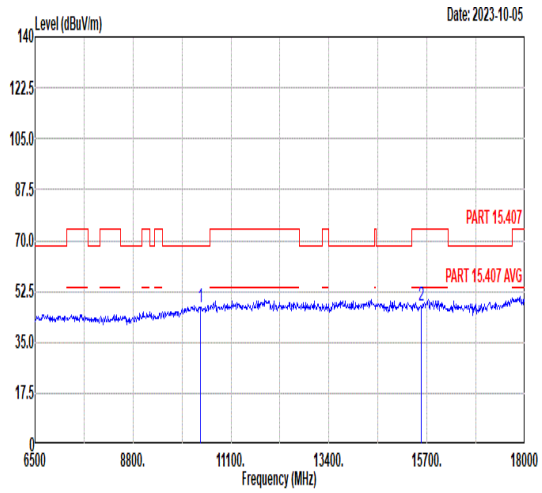
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5148.77	47.79	54.00	-6.21	38.29	34.42	7.92	32.84	255	0	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5190.00	98.85	------	------	89.37	34.45	7.94	32.91	255	0	AVERAGE

Mode	10	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full_5190MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		Blank
Avg		Blank

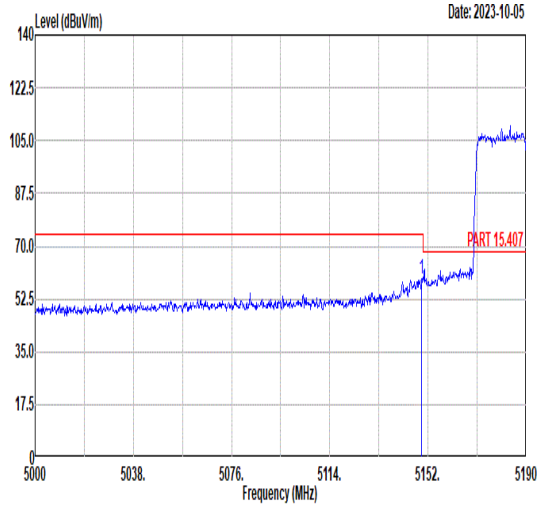
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5430.84	48.97	74.00	-25.03	39.18	34.64	8.45	33.30	255	0	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5354.70	39.22	54.00	-14.78	29.48	34.58	8.34	33.18	255	0	AVERAGE

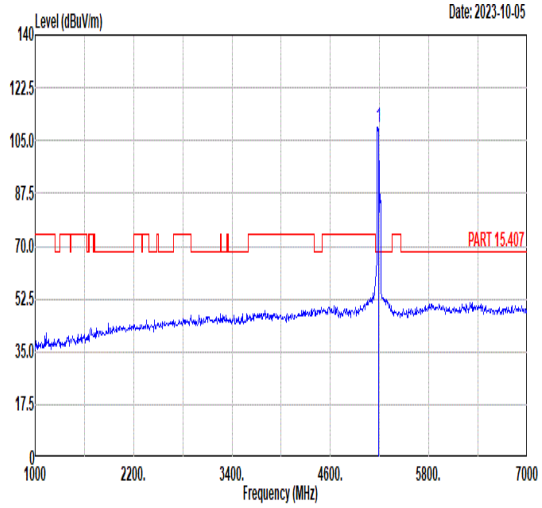
Mode	10	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full_5190MHz	
ANT	0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10380.00 47.12 68.30 -21.18 57.73 37.63 10.74 58.98 -- -- Peak 2 15570.00 47.69 74.00 -26.31 53.37 40.57 12.72 58.97 -- -- 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 10380.00 47.25 68.30 -21.05 57.86 37.63 10.74 58.98 -- -- Peak 2 15570.00 47.80 74.00 -26.20 53.48 40.57 12.72 58.97 -- -- Peak

Mode	11	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Partial_RU 242/61_5190MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental

Peak

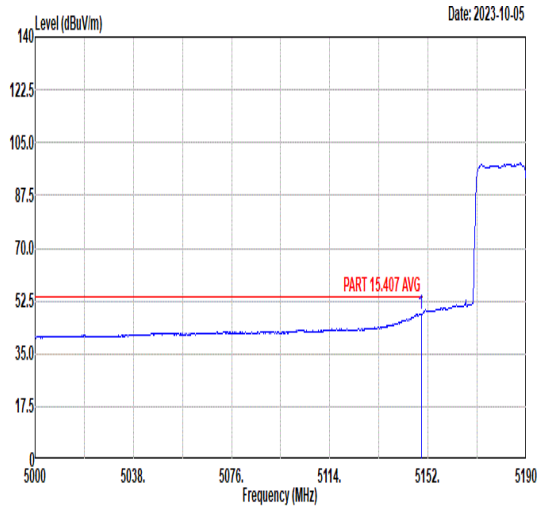


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.53	59.09	74.00	-14.91	49.60	34.42	7.92	32.85	203	264	PEAK

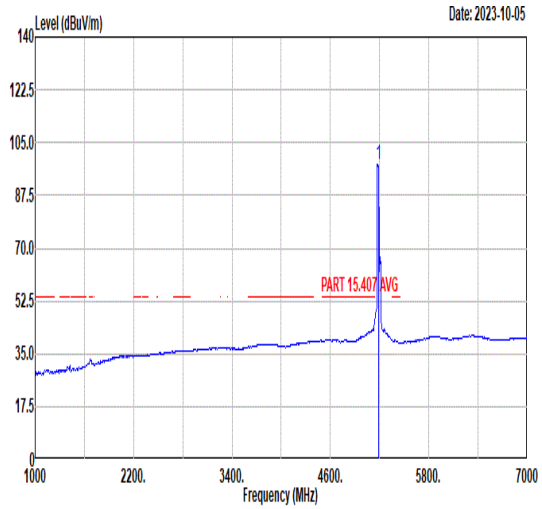


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5190.00	109.19	------	------	99.70	34.44	7.93	32.88	203	264	PEAK

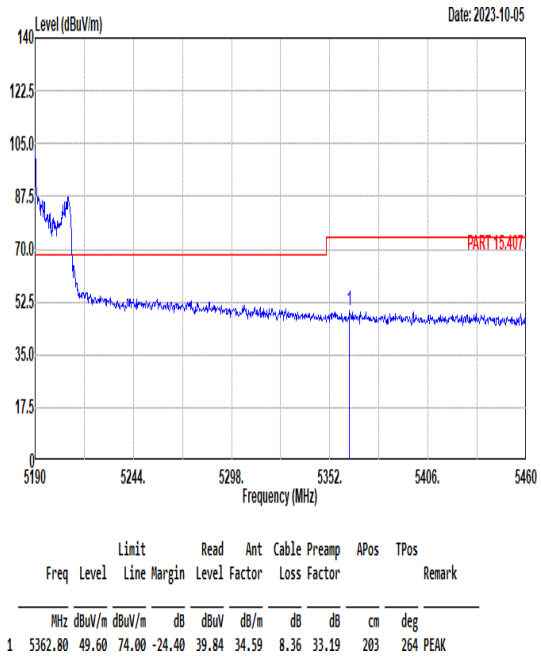
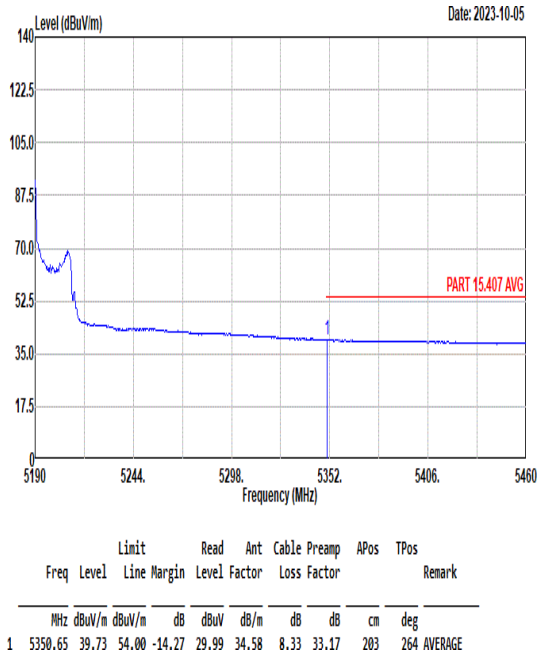
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.34	48.28	54.00	-5.72	38.79	34.42	7.92	32.85	203	264	AVERAGE

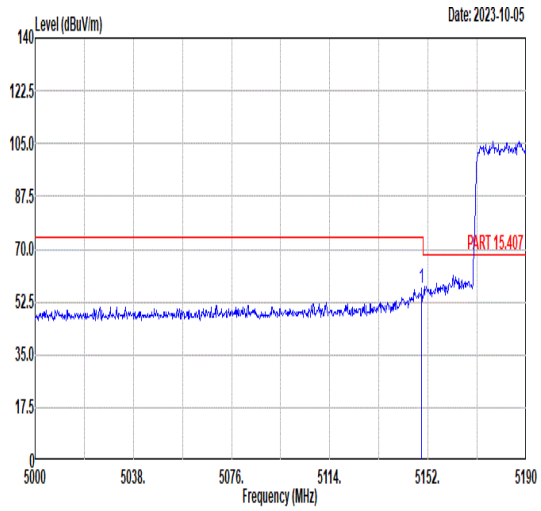


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5190.00	97.70	------	------	88.21	34.45	7.94	32.90	203	264	AVERAGE

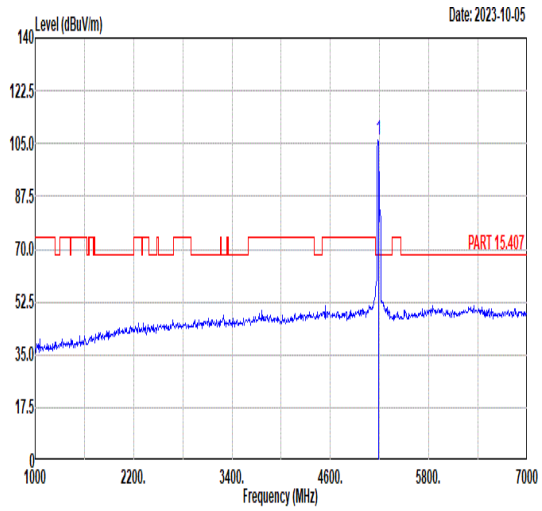
Mode	11	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Partial_RU 242/61_5190MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5362.80 49.60 74.00 -24.40 39.84 34.59 8.36 33.19 203 264 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5350.65 39.73 54.00 -14.27 29.99 34.58 8.33 33.17 203 264 AVERAGE	Blank

Mode	11	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Partial_RU 242/61_5190MHz	
ANT	0+1	
Pol.	Vertical	Fundamental

Peak

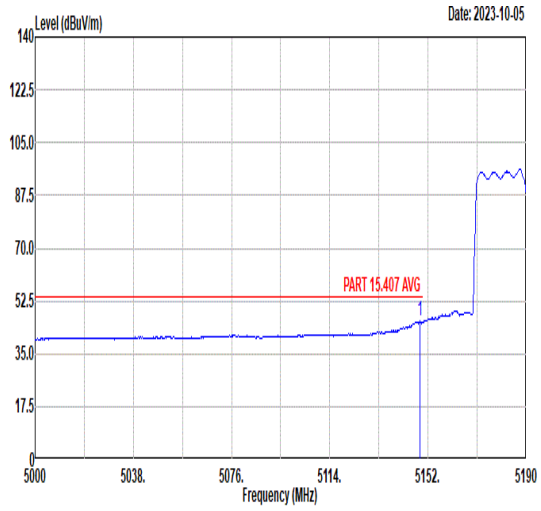


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.53	56.80	74.00	-17.20	47.31	34.42	7.92	32.85	255	0	PEAK

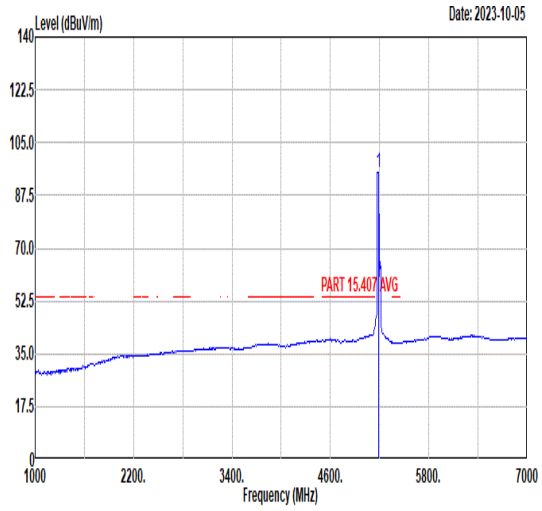


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5190.00	106.28	------	------	96.79	34.45	7.94	32.90	255	0	PEAK

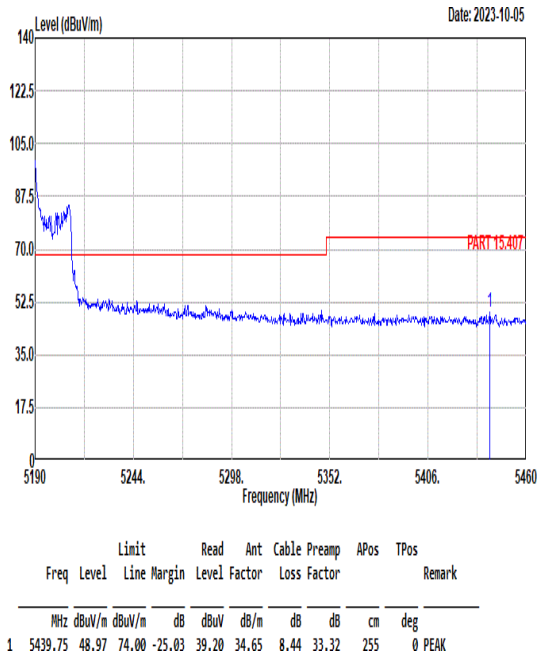
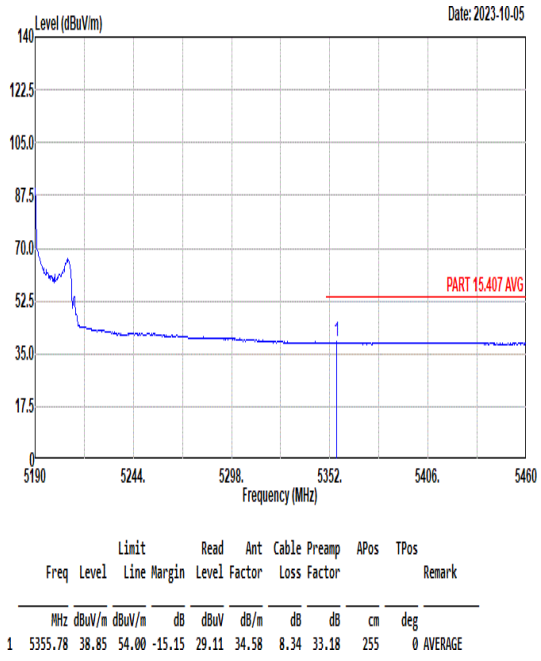
Avg

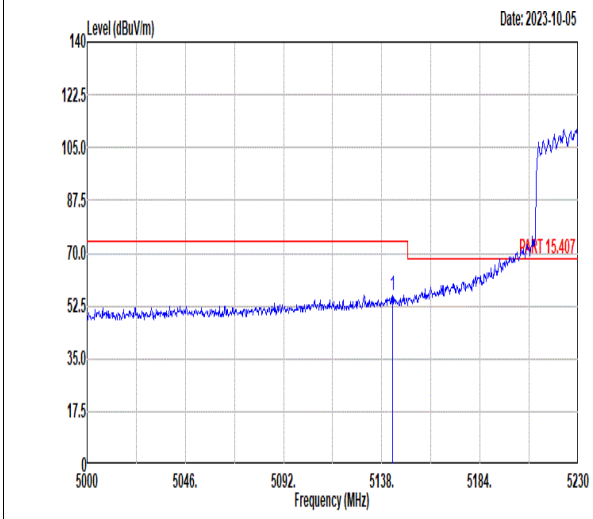
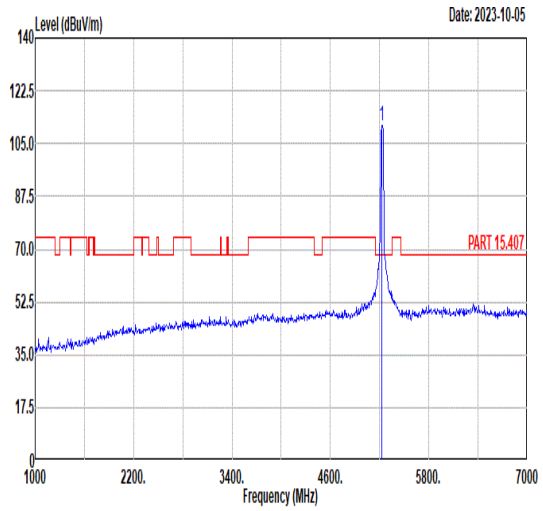
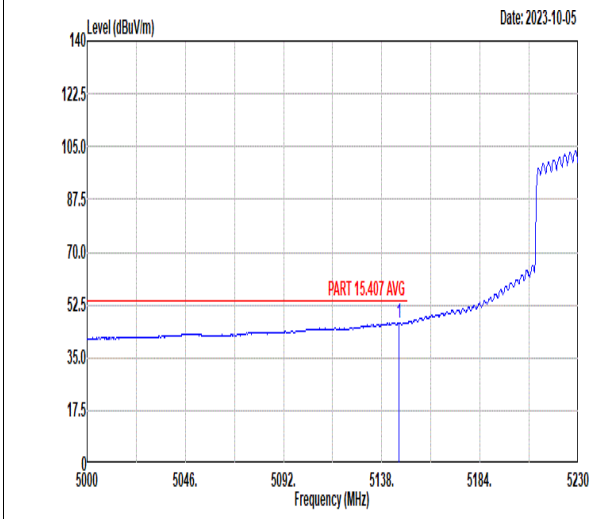
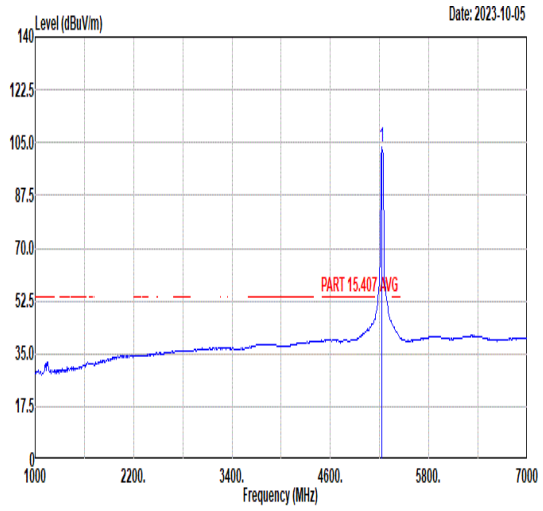


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5148.96	45.77	54.00	-8.23	36.27	34.42	7.92	32.84	255	0	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5190.00	95.13	------	------	85.64	34.44	7.94	32.89	255	0	AVERAGE

Mode	11	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Partial_RU 242/61_5190MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5439.75 48.97 74.00 -25.03 39.20 34.65 8.44 33.32 255 0 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5355.78 38.85 54.00 -15.15 29.11 34.58 8.34 33.18 255 0 AVERAGE	Blank

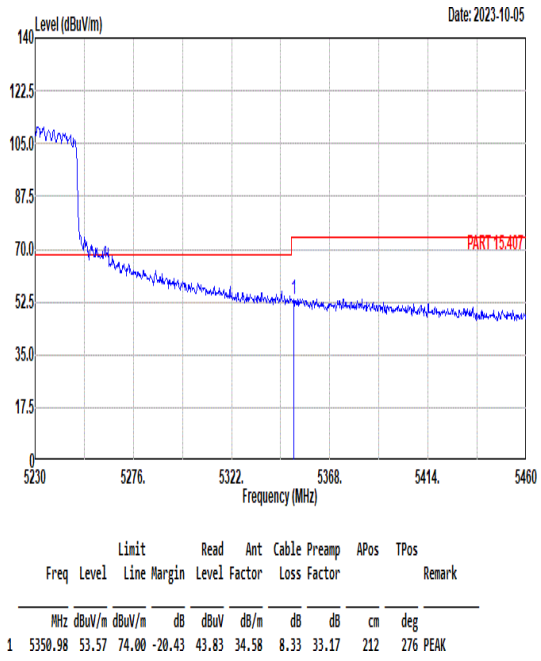
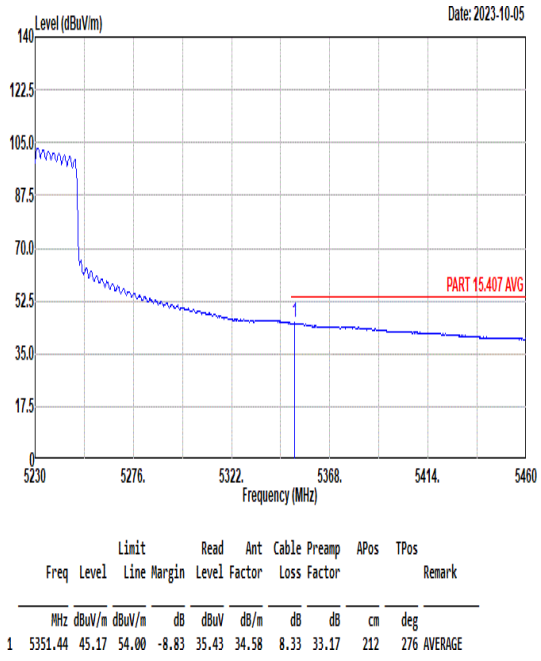
Mode	12	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full_5230MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

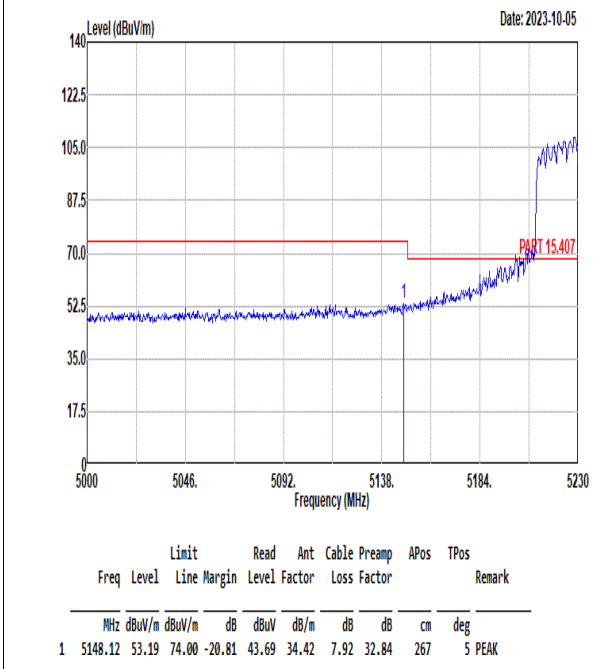
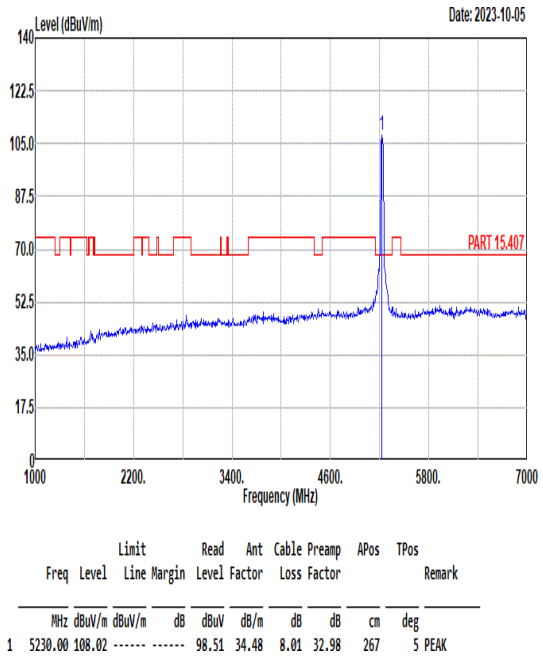
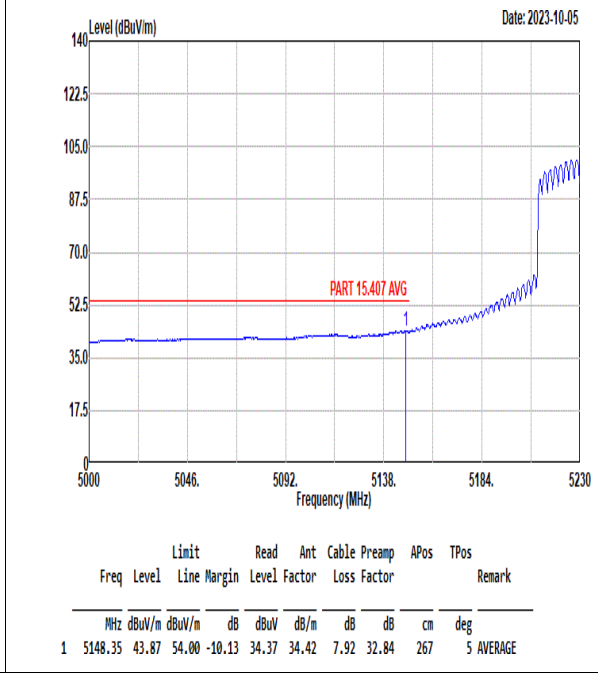
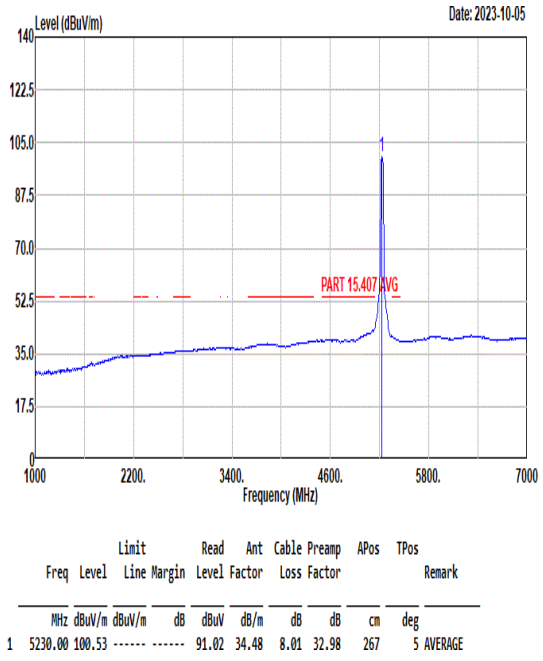
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5143.06	56.17	74.00	-17.83	46.67	34.42	7.91	32.83	212	276	PEAK

	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	5230.00	110.95	------	------	101.45	34.48	7.99	32.97	212	276	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	5146.05	46.69	54.00	-7.31	37.19	34.42	7.92	32.84	212	276	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5230.00	103.36	------	------	93.85	34.48	8.01	32.98	212	276	AVERAGE

Mode	12	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full_5230MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5350.98 53.57 74.00 -20.43 43.83 34.58 8.33 33.17 212 276 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5351.44 45.17 54.00 -8.83 35.43 34.58 8.33 33.17 212 276 AVERAGE	Blank

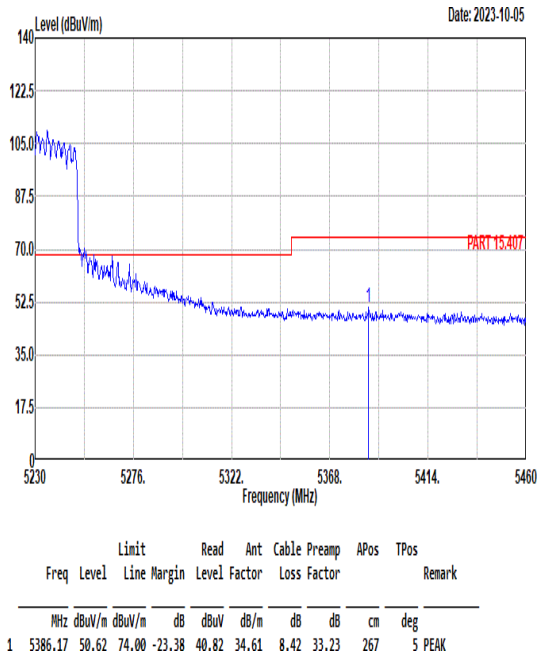
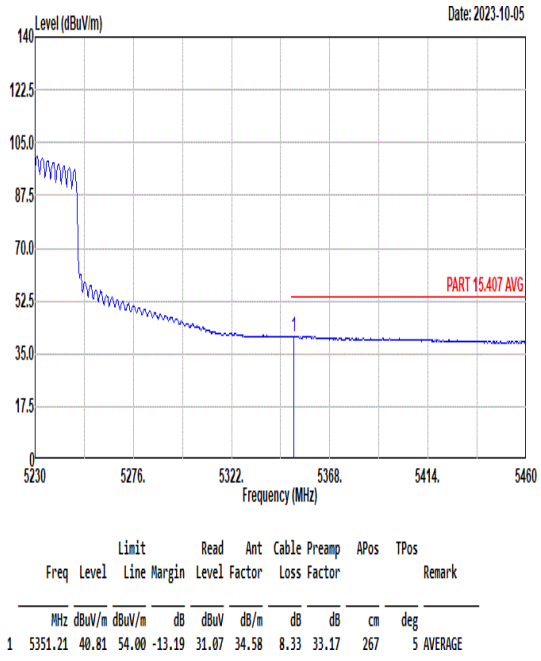
Mode	12	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full_5230MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5148.12	53.19	74.00	-20.81	43.69	34.42	7.92	32.84	267	5	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	5230.00	108.02	------	------	98.51	34.48	8.01	32.98	267	5	PEAK

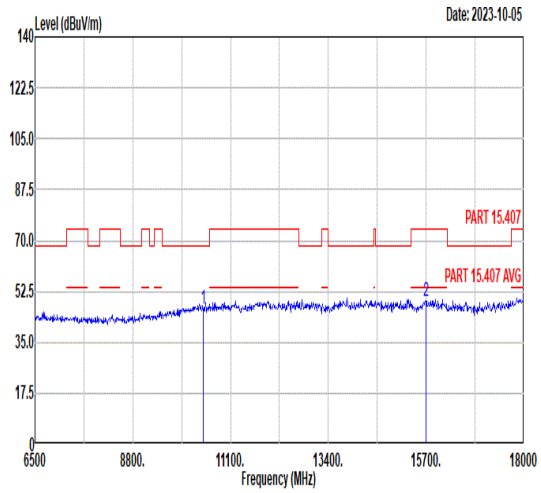
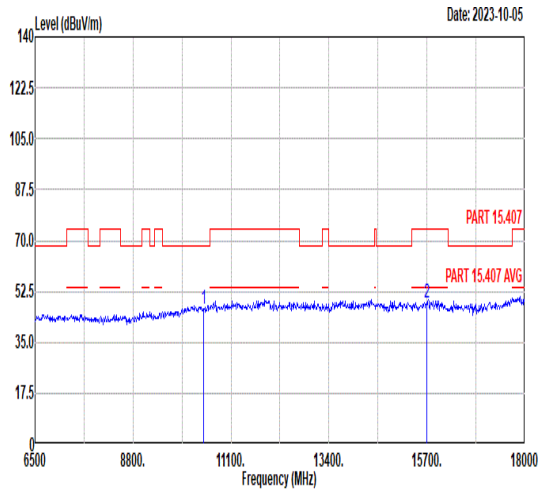
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5148.35	43.87	54.00	-10.13	34.37	34.42	7.92	32.84	267	5	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5230.00	100.53	------	------	91.02	34.48	8.01	32.98	267	5	AVERAGE

Mode	12	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full_5230MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		Blank
Avg		Blank

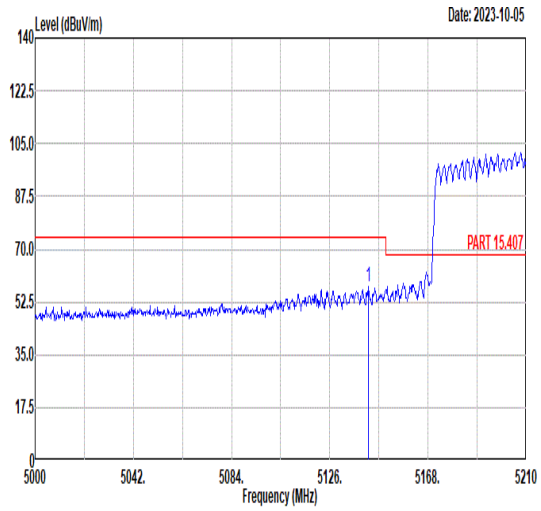
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5386.17	50.62	74.00	-23.38	40.82	34.61	8.42	33.23	267	5	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5351.21	40.81	54.00	-13.19	31.07	34.58	8.33	33.17	267	5	AVERAGE

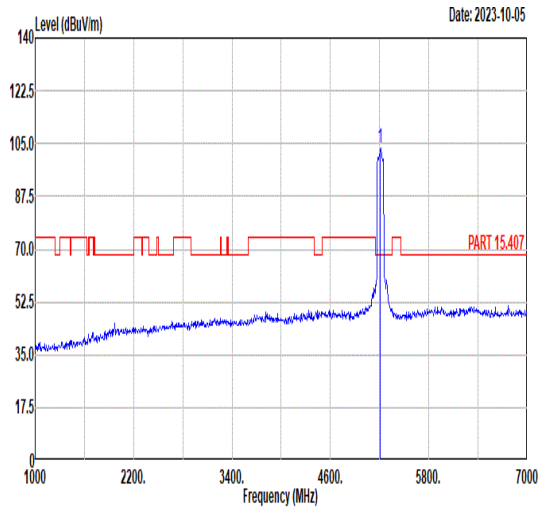
Mode	12	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full_5230MHz	
ANT	0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10460.00 46.49 68.30 -21.81 56.91 37.67 10.80 58.89 -- -- Peak 2 15690.00 49.22 74.00 -24.78 54.98 40.61 12.72 59.09 -- -- 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 10460.00 46.56 68.30 -21.74 56.98 37.67 10.80 58.89 -- -- Peak 2 15690.00 48.60 74.00 -25.40 54.36 40.61 12.72 59.09 -- -- Peak

Mode	13	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental

Peak

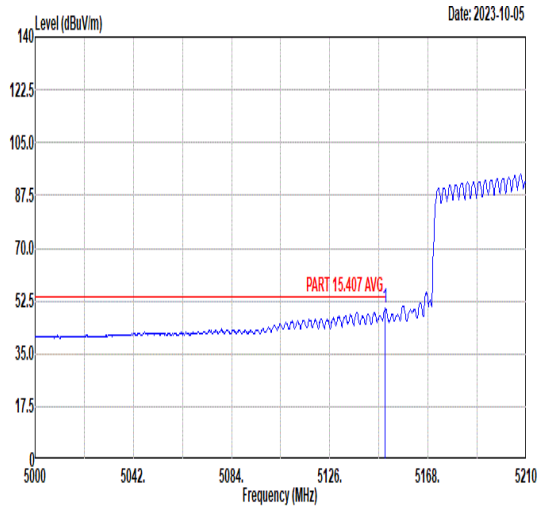


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5142.38	57.80	74.00	-16.20	48.30	34.42	7.91	32.83	211	269	PEAK

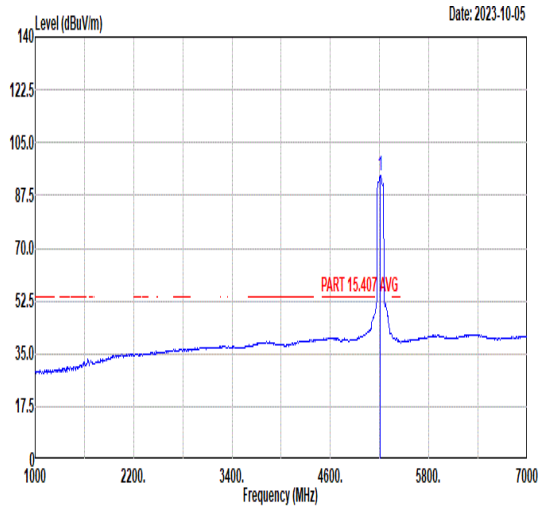


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5210.00	103.78	------	------	94.30	34.47	7.96	32.95	211	269	PEAK

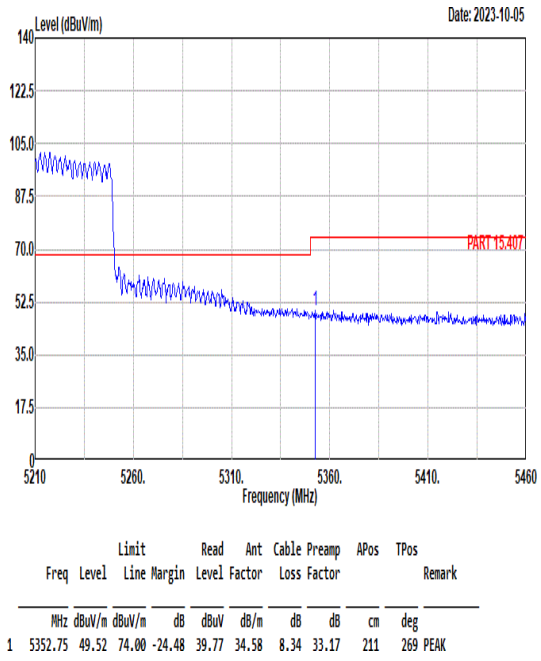
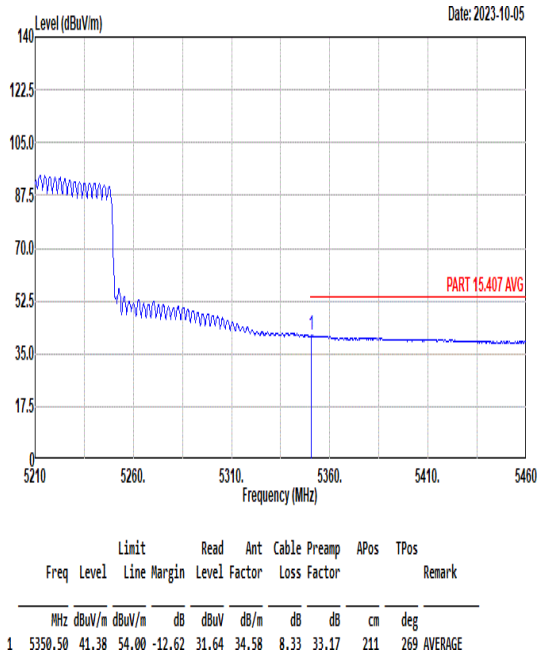
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.73	50.01	54.00	-3.99	40.52	34.42	7.92	32.85	211	269	AVERAGE



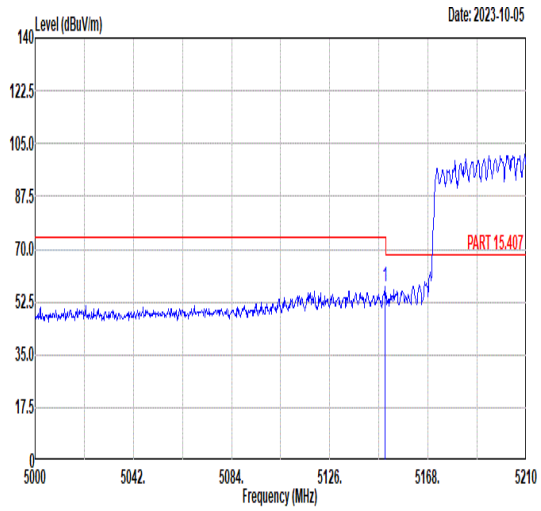
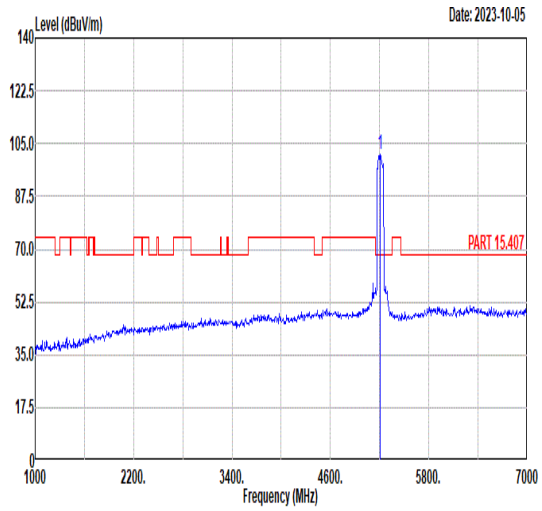
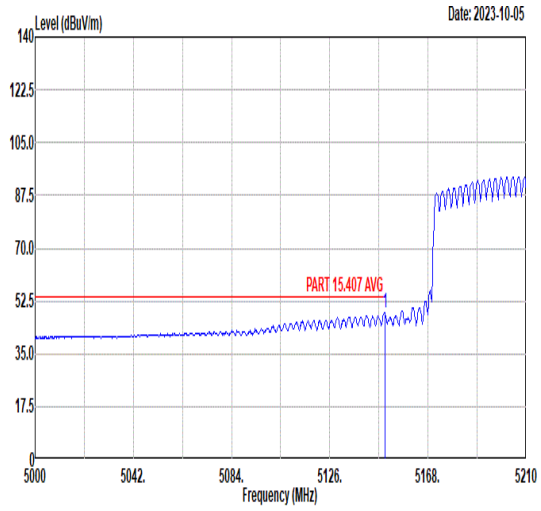
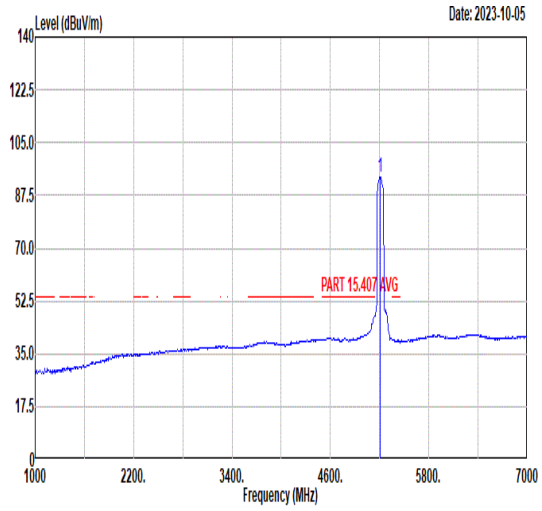
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5210.00	94.13	------	------	84.65	34.47	7.96	32.95	211	269	AVERAGE

Mode	13	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak		Blank
Avg		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5352.75	49.52	74.00	-24.48	39.77	34.58	8.34	33.17	211	269	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5350.50	41.38	54.00	-12.62	31.64	34.58	8.33	33.17	211	269	AVERAGE

Mode	13
	Band Edge - L
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz
ANT	0+1

Pol.	Vertical	Fundamental
Peak		
Avg		

Vertical – Peak

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.52	57.63	74.00	-16.37	48.14	34.42	7.92	32.85	266	8	PEAK

Fundamental – Peak

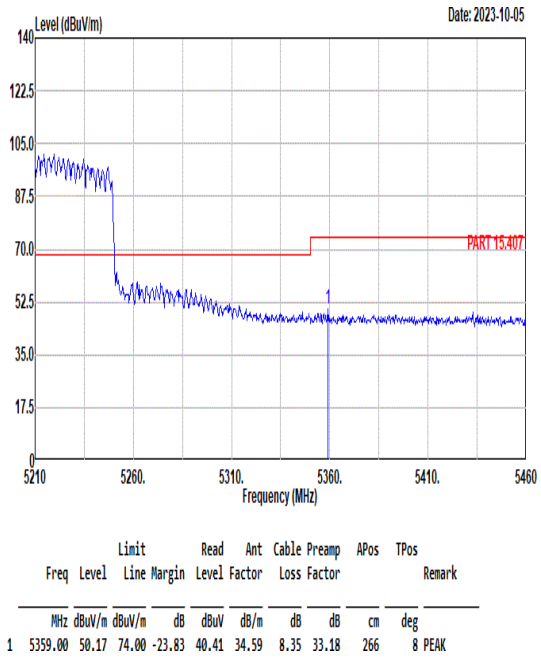
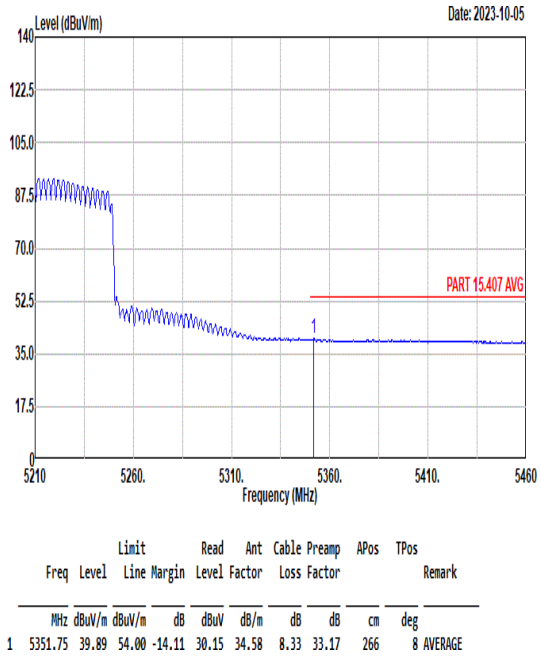
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5210.00	101.28	------	------	91.79	34.47	7.96	32.94	266	8	PEAK

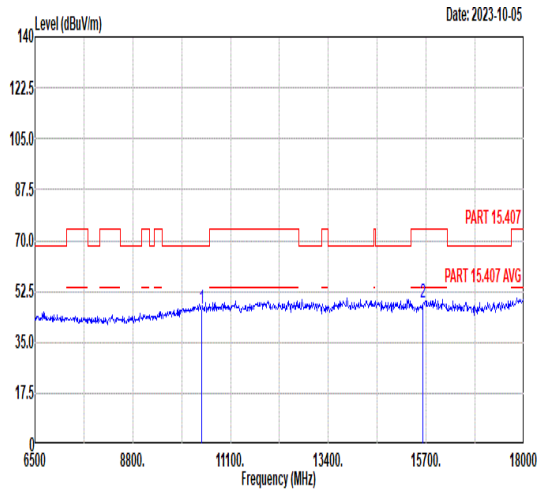
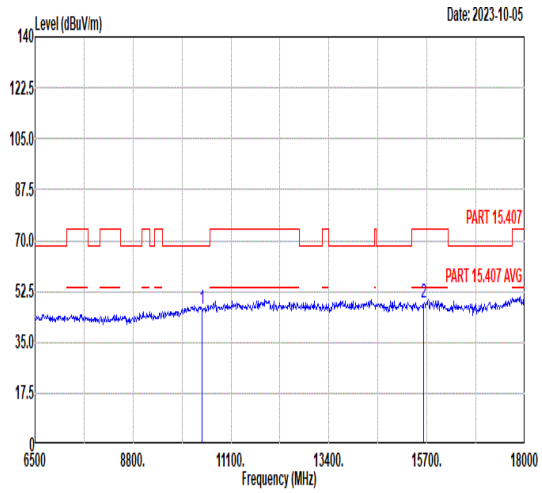
Vertical – Avg

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5149.52	48.68	54.00	-5.32	39.19	34.42	7.92	32.85	266	8	AVERAGE

Fundamental – Avg

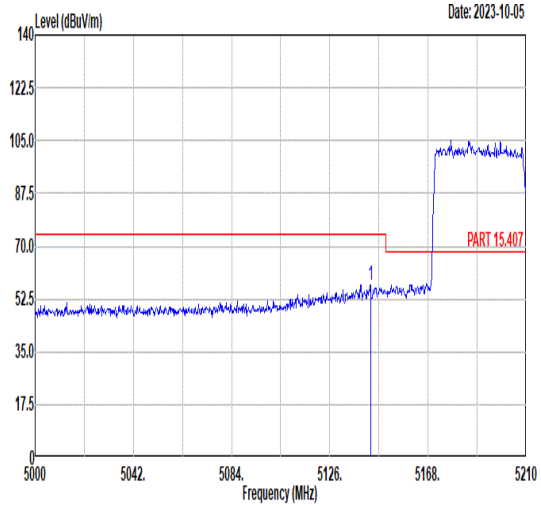
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5210.00	93.46	------	------	83.98	34.46	7.95	32.93	266	8	AVERAGE

Mode	13	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5359.00 50.17 74.00 -23.83 40.41 34.59 8.35 33.18 266 8 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5351.75 39.89 54.00 -14.11 30.15 34.58 8.33 33.17 266 8 AVERAGE	Blank

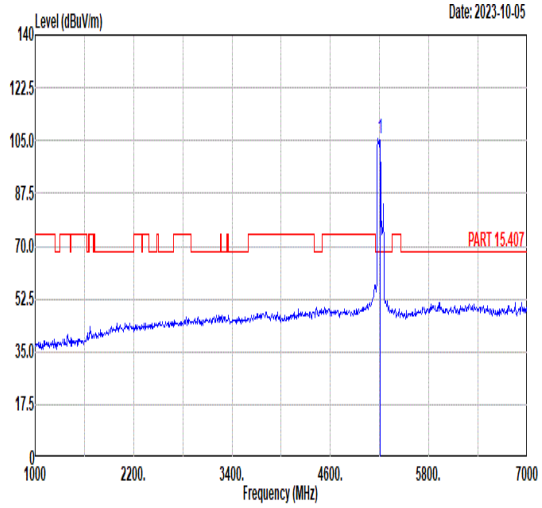
Mode	13	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz	
ANT	0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 10420.00 46.75 68.30 -21.55 57.26 37.65 10.77 58.93 -- -- Peak 2 15630.00 48.71 74.00 -25.29 54.43 40.59 12.72 59.03 -- -- 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 10420.00 46.63 68.30 -21.67 57.14 37.65 10.77 58.93 -- -- Peak 2 15630.00 48.42 74.00 -25.58 54.14 40.59 12.72 59.03 -- -- Peak

Mode	14	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Partial_RU 484/65_5210MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental

Peak

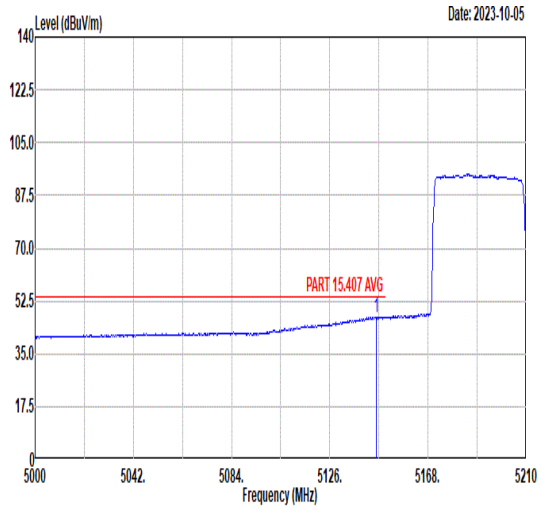


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5143.43	57.18	74.00	-16.82	47.69	34.42	7.91	32.84	202	264	PEAK

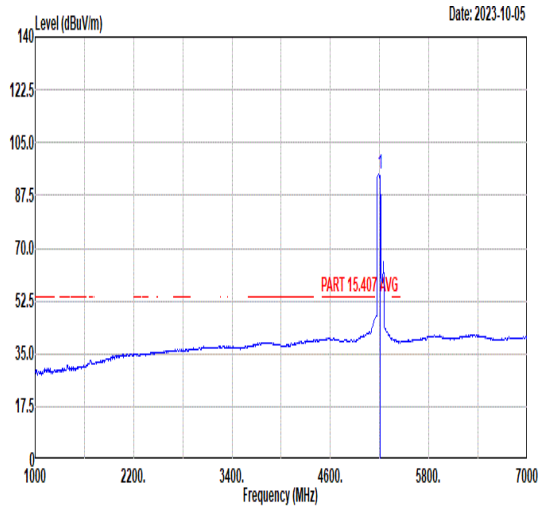


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5210.00	105.60	------	------	96.11	34.45	7.94	32.90	202	264	PEAK

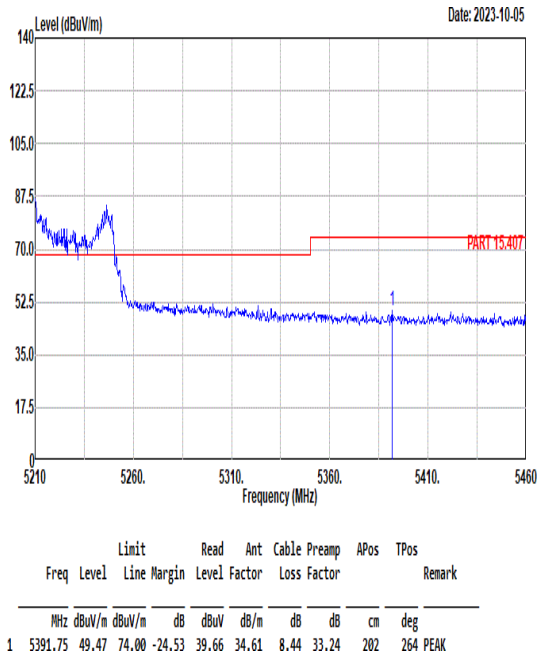
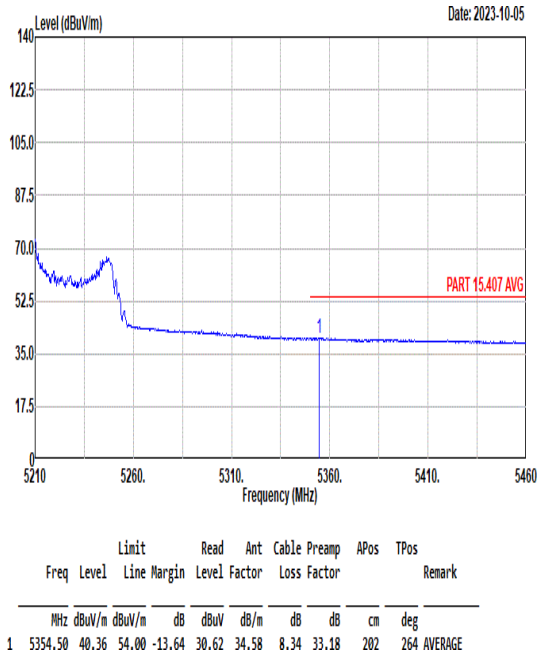
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5145.95	47.22	54.00	-6.78	37.72	34.42	7.92	32.84	202	264	AVERAGE

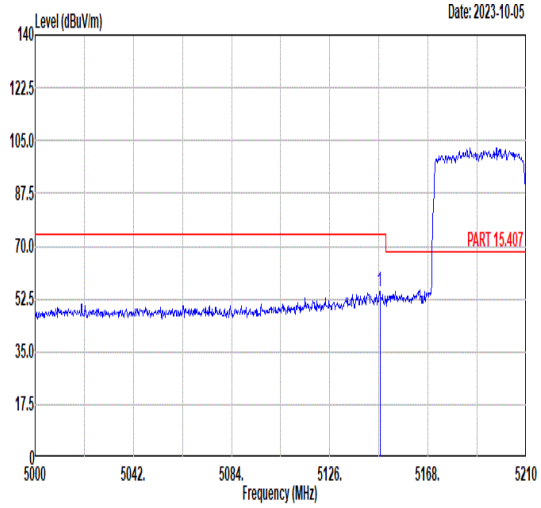


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5210.00	94.65	------	------	85.17	34.45	7.94	32.91	202	264	AVERAGE

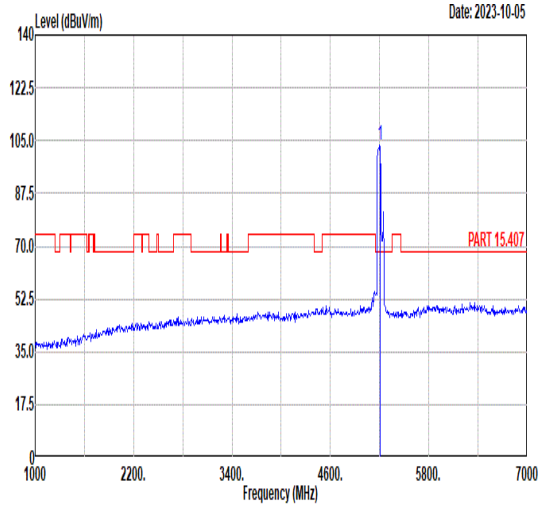
Mode	14	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Partial_RU 484/65_5210MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5391.75 49.47 74.00 -24.53 39.66 34.61 8.44 33.24 202 264 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5354.50 40.36 54.00 -13.64 30.62 34.58 8.34 33.18 202 264 AVERAGE	Blank

Mode	14	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Partial_RU 484/65_5210MHz	
ANT	0+1	
Pol.	Vertical	Fundamental

Peak

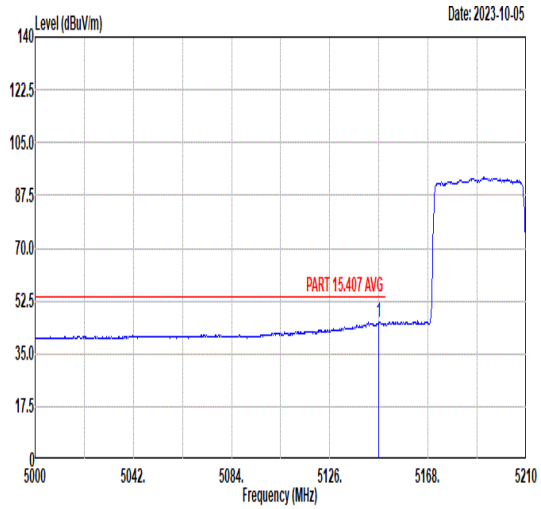


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5147.42	54.97	74.00	-19.03	45.47	34.42	7.92	32.84	266	8	PEAK

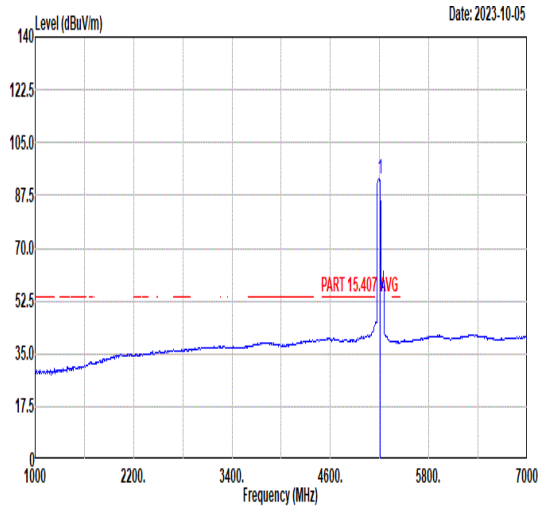


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5210.00	103.63	------	------	94.15	34.46	7.95	32.93	266	8	PEAK

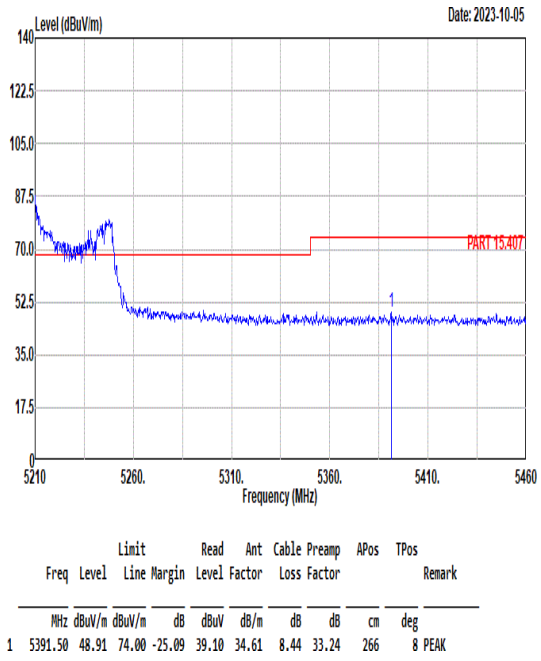
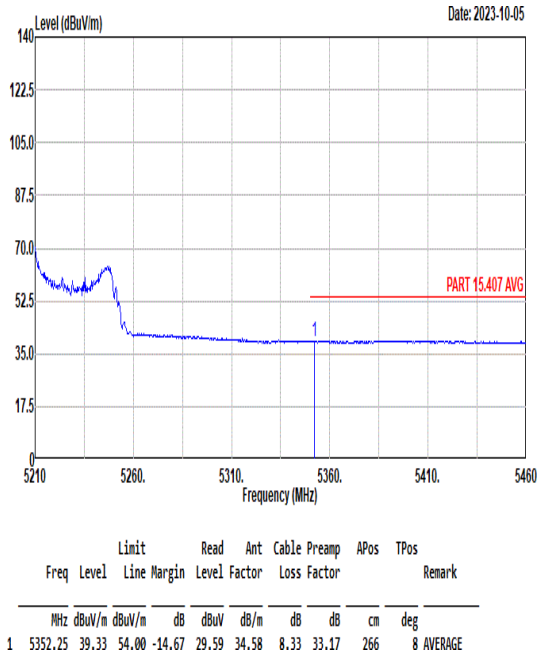
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5147.00	45.61	54.00	-8.39	36.11	34.42	7.92	32.84	266	8	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5210.00	92.86	------	------	83.37	34.46	7.95	32.92	266	8	AVERAGE

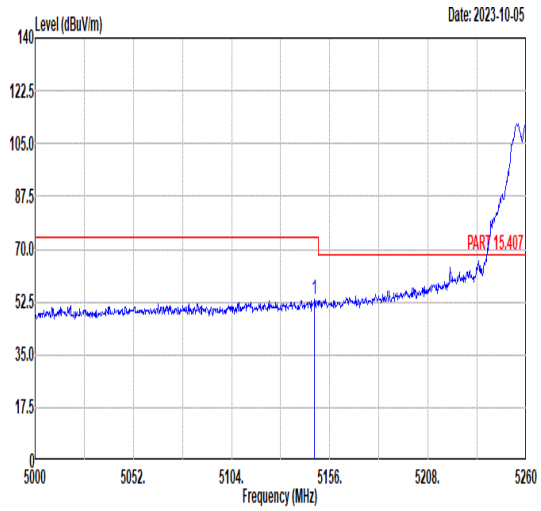
Mode	14	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE80_CH42_Partial_RU 484/65_5210MHz	
ANT	0+1	
Pol.	Vertical	Fundamental
Peak		Blank
Avg		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5391.50	48.91	74.00	-25.09	39.10	34.61	8.44	33.24	266	8	PEAK

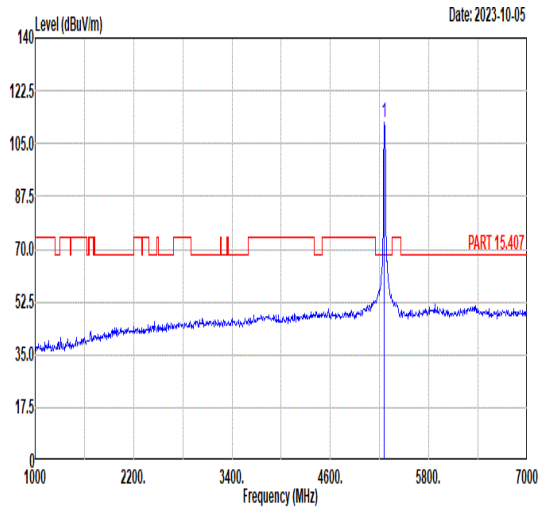
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5352.25	39.33	54.00	-14.67	29.59	34.58	8.33	33.17	266	8	AVERAGE

Mode	15	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental

Peak

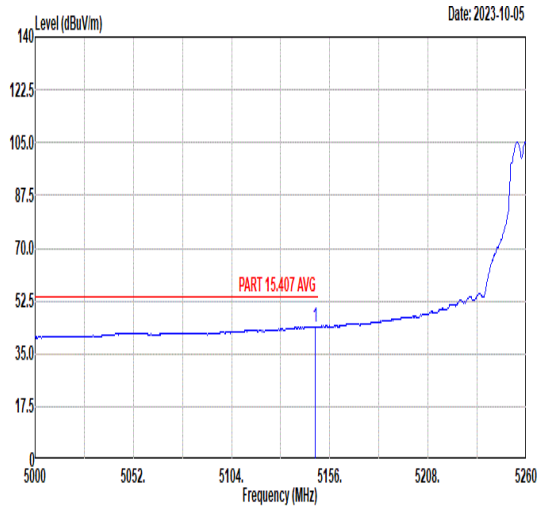


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5147.94	53.47	74.00	-20.53	43.97	34.42	7.92	32.84	204	269	PEAK

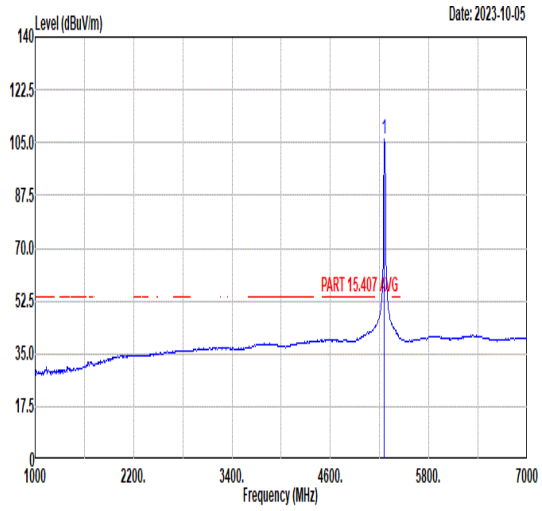


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5260.00	111.88	------	------	102.30	34.51	8.09	33.02	204	269	PEAK

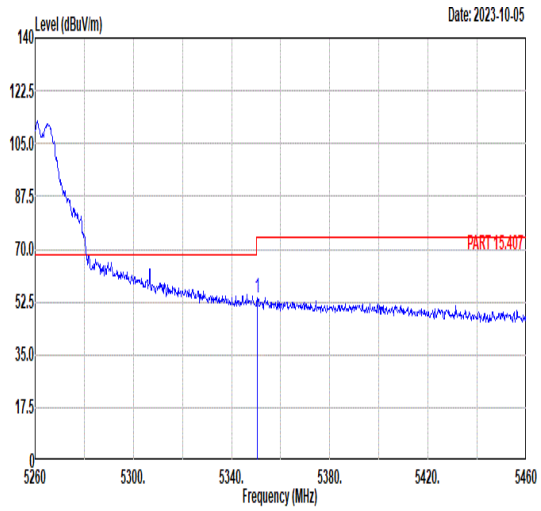
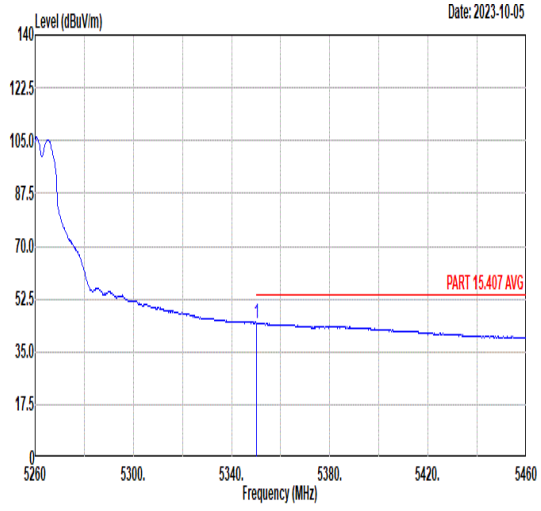
Avg



	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	5148.46	44.00	54.00	-10.00	34.50	34.42	7.92	32.84	204	269	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	5260.00	105.97	------	------	96.39	34.51	8.09	33.02	204	269	AVERAGE

Mode	15	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5350.40 54.03 74.00 -19.97 44.29 34.58 8.33 33.17 204 269 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 5350.00 44.64 54.00 -9.36 34.90 34.58 8.33 33.17 204 269 AVERAGE	Blank