FCC RADIO TEST REPORT

FCC ID	:	**APYHRO00342**
Equipment	:	**Smart phone**
Brand Name	:	**SHARP**
Model Name	:	**APYHRO00342**
Applicant	:	**SHARP CORPORATION** **2-1-25, Kyutaromachi, Chuo-ku, Osaka city, Osaka 541-8522, JAPAN**
Manufacturer	:	**SHARP CORPORATION** **2-1-25, Kyutaromachi, Chuo-ku, Osaka city, Osaka 541-8522, JAPAN**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on May 21, 2026 and testing was performed from May 22,2026 to Jun. 29, 2026. We, Sporton International Inc. Wensan Laboratory, 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 from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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History of this test report

Report No.	Version	Description	Issue Date
FR5D2218E	01	Initial issue of report	Jul. 16, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	6dB & 26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	-
3.5	15.207	AC Conducted Emission	Pass	-
3.6	15.203	Antenna Requirement	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.

Reviewed by: Keven Cheng

Report Producer: Lili Lu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac, Wi-Fi 5GHz 802.11a/n/ac, GNSS and NFC. **Antenna Type** WLAN: Loop Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	0.91
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	1.78
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	1.77

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

FCC designation No.: TW3786

Note: The test site complies with ANSI C63.4 2014 requirement.

1.4 Applicable Standards

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

- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- • FCC Part 15 Subpart E
- ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. 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, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported 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)
5150-5250 MHz Band 1 (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)
5250-5350 MHz Band 2 (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)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

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

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

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40
2. The above Frequency and Channel with "#" are 802.11ac VHT80

2.2 Test Mode

The power for 802.11ac mode is smaller than 802.11an mode, so all other conducted and radiated test is covered by 802.11an mode.

The final test modes include the worst data rates for each modulation shown in the table below.

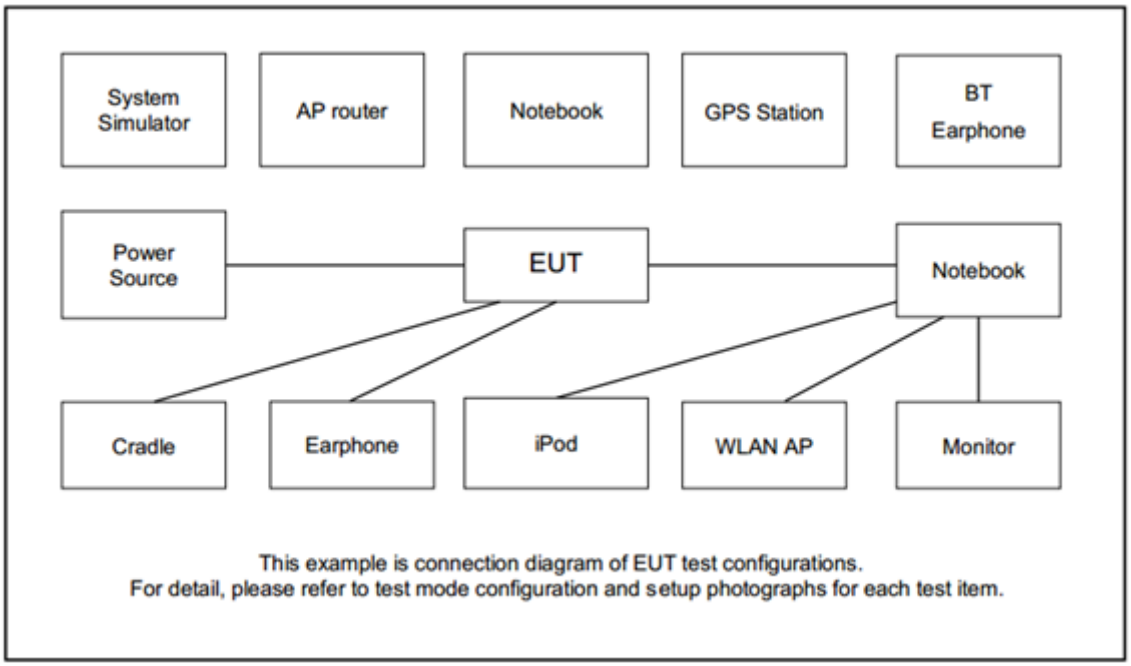
SISO Mode

Modulation	Data Rate
802.11a	**6 Mbps**
802.11n HT20	**MCS0**
802.11n HT40	**MCS0**
802.11ac VHT20 (Covered by HT20)	**MCS0**
802.11ac VHT40 (Covered by HT40)	**MCS0**
802.11ac VHT80	**MCS0**

Test Cases		
AC Conducted Emission	Mode 1	Bluetooth Link + WLAN(5GHz) Link + Earphone + MPEG 4 + USB Cable + Adapter + Battery 1 for Sample 1

Remark:
1. For Radiated Test Cases, the tests were performed with Sample 1
2. The detailed Radiated test modes are shown in Appendix C.
3. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	SonyErricsson	MW600	PY700A2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded,1.8m
3.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P： Unshielded, 1.2m DC O/P： Shielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

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 6.2 dB and 20 dB attenuator.

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

= 6.2 + 20 = 26.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

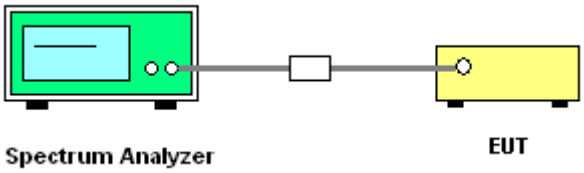
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the 5.15–5.25 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

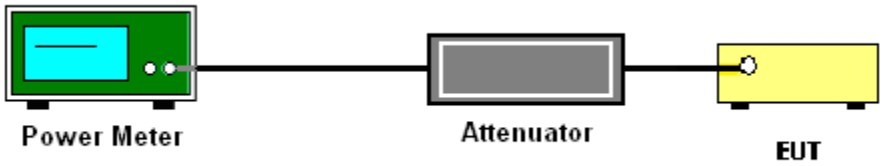
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz 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

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

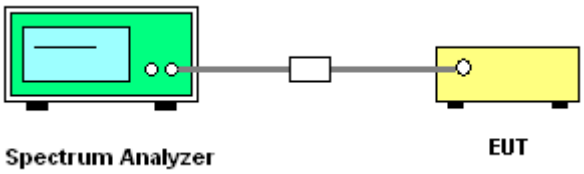
 # Method SA-2 #

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

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

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 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.
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.

(2) Unwanted spurious emissions falls 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

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

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

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

3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

   - 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

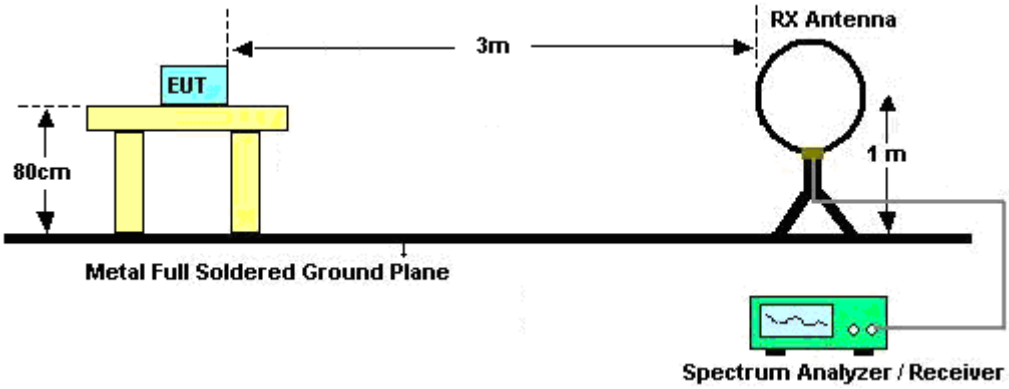
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

   - 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 and is transmitting at its maximum power control level for the tested mode of operation.

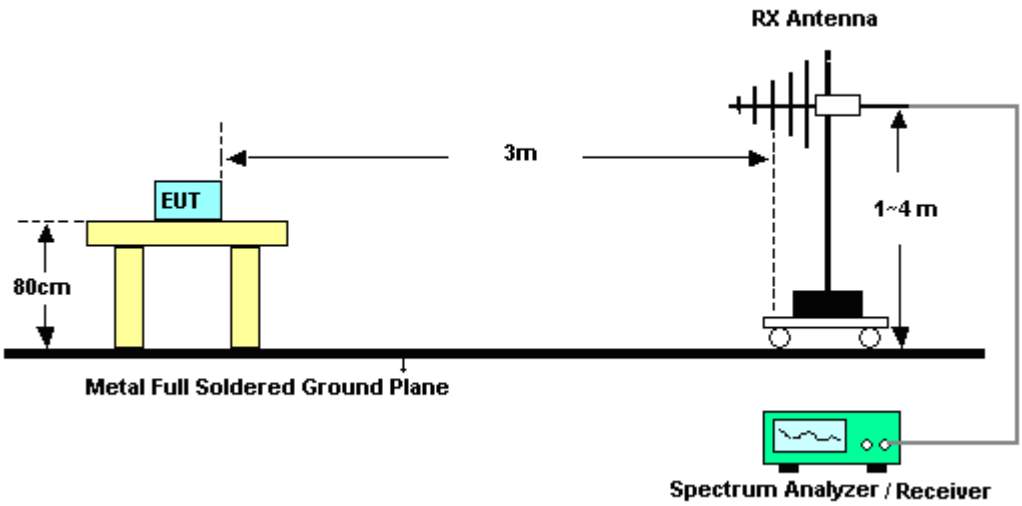
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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 is 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. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

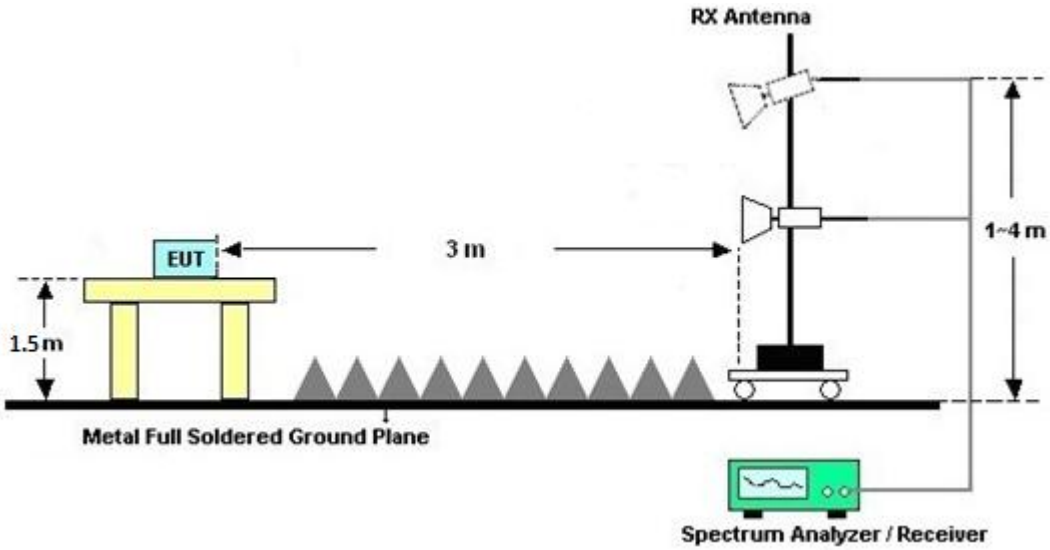
For radiated emissions below 30MHz



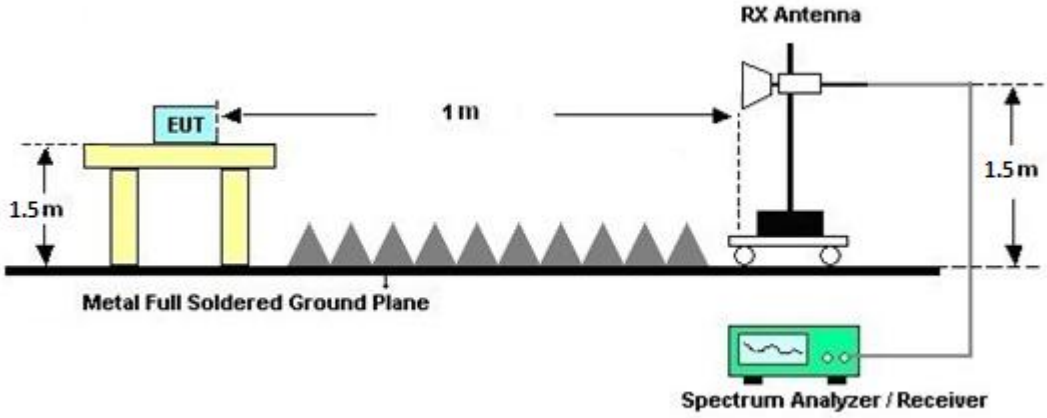
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, 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.

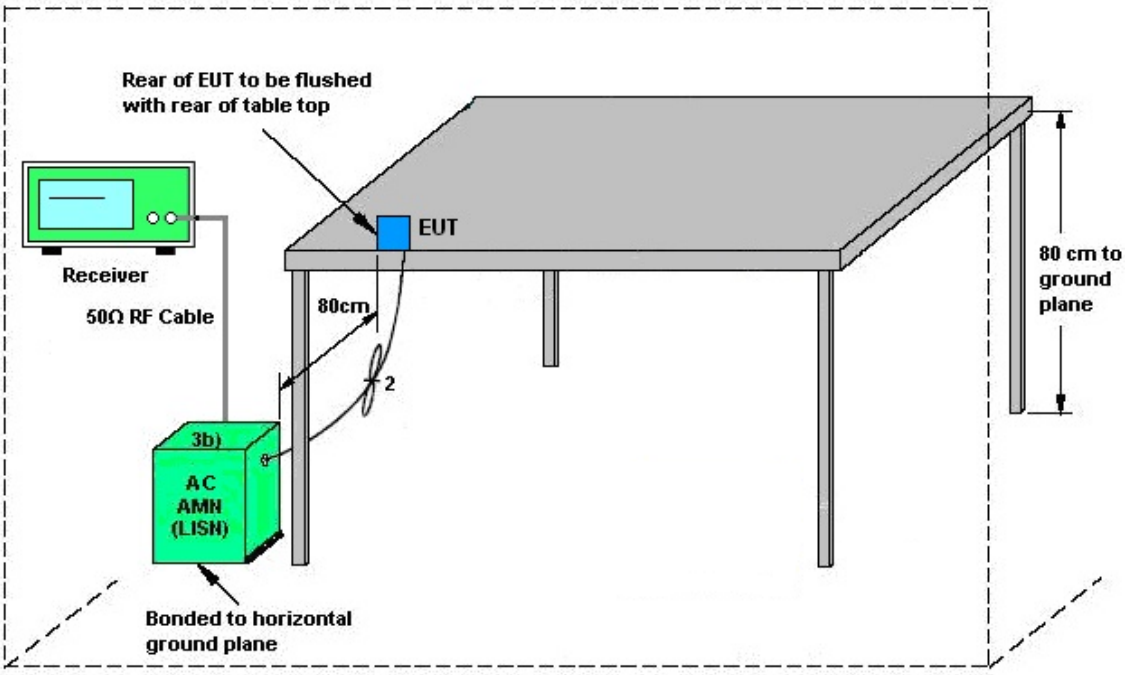
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is 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 shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	May. 22, 2026~ Jun. 29, 2026	Nov. 03, 2026	Conducted (TH05-HY)
USB RF Power Sensor	DARE	RPR3006W	17I00015SNO 37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	May. 22, 2026~ Jun. 29, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 29, 2025	May. 22, 2026~ Jun. 29, 2026	Aug. 28, 2026	Conducted (TH05-HY)
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	May. 22, 2026~ Jun. 29, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	May. 22, 2026~ Jun. 29, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_24051 3	N/A	Conducted Other Test Item	N/A	May. 22, 2026~ Jun. 29, 2026	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jun. 02, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 02, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2025	Jun. 02, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 02, 2026	Jun. 02, 2026	Mar. 01, 2027	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Apr. 09, 2026	Jun. 02, 2026	Apr. 08, 2027	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Apr. 10, 2026	Jun. 02, 2026	Apr. 10, 2027	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Jun. 02, 2026	Oct. 20, 2026	Conduction (CO07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	May. 28, 2026~ Jun. 23, 2026	Dec. 10, 2026	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 26, 2025	May. 28, 2026~ Jun. 23, 2026	Nov. 25, 2026	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Jul. 02, 2025	May. 28, 2026~ Jun. 23, 2026	Jul. 01, 2026	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz-40GHz	Jul. 02, 2025	May. 28, 2026~ Jun. 23, 2026	Jul. 01, 2026	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 18, 2026	May. 28, 2026~ Jun. 23, 2026	Mar. 17, 2027	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A02375	1GHz~26.5GHz	Feb. 06, 2026	May. 28, 2026~	Feb. 05, 2027	Radiation

						Jun. 23, 2026		(03CH12-HY)
Amplifier	EMCI	EMC051845SE	980729	1GHz-18GHz	Dec. 17, 2025	May. 28, 2026~ Jun. 23, 2026	Dec. 16, 2026	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2025	May. 28, 2026~ Jun. 23, 2026	Dec. 01, 2026	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Sep. 09, 2025	May. 28, 2026~ Jun. 23, 2026	Sep. 08, 2026	Radiation (03CH12-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Sep. 08, 2025	May. 28, 2026~ Jun. 23, 2026	Sep. 07, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN2	6.75GHz High Pass Filter	Mar. 11, 2026	May. 28, 2026~ Jun. 23, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN2	3GHz High Pass Filter	Mar. 11, 2026	May. 28, 2026~ Jun. 23, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN11	1GHz High Pass Filter	Mar. 11, 2026	May. 28, 2026~ Jun. 23, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN111	1.53GHz Low Pass Filter	Nov. 04, 2025	May. 28, 2026~ Jun. 23, 2026	Nov. 03, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803955/2	30MHz~40GHz	Oct. 31, 2025	May. 28, 2026~ Jun. 23, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Oct. 31, 2025	May. 28, 2026~ Jun. 23, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	EMCI	EMC101Y-KM-KM-1000	240905	30MHz~40GHz	Oct. 31, 2025	May. 28, 2026~ Jun. 23, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP210090	N/A	Aug. 26, 2025	May. 28, 2026~ Jun. 23, 2026	Aug. 25, 2026	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	May. 28, 2026~ Jun. 23, 2026	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	May. 28, 2026~ Jun. 23, 2026	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	May. 28, 2026~ Jun. 23, 2026	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	May. 28, 2026~ Jun. 23, 2026	N/A	Radiation (03CH12-HY)

5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.70 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.50 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.90 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.70 dB

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.90 dB

A1. Conducted Test Results

Test Engineer:	YEN WU	Temperature:	21~25	°C
Test Date:	2026/5/22~2026/6/29	Relative Humidity:	51~54	%

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TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail	Power Setting
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2			Ant 4
11a	6Mbps	1	36	5180	16.40	-	-	24.00	-	0.91	-	-	Pass	15.5
11a	6Mbps	1	44	5220	18.70	-		24.00	-	0.91	-		Pass	18
11a	6Mbps	1	48	5240	18.70	-		24.00	-	0.91	-		Pass	18
HT20	MCS0	1	36	5180	17.40	-		24.00	-	0.91	-		Pass	16.5
HT20	MCS0	1	44	5220	18.70	-		24.00	-	0.91	-		Pass	18
HT20	MCS0	1	48	5240	18.80	-		24.00	-	0.91	-		Pass	18
HT40	MCS0	1	38	5190	15.30	-		24.00	-	0.91	-		Pass	14
HT40	MCS0	1	46	5230	19.00	-		24.00	-	0.91	-		Pass	18.5
VHT20	MCS0	1	36	5180	17.30	-		24.00	-	0.91	-		Pass	16.5
VHT20	MCS0	1	44	5220	18.60	-		24.00	-	0.91	-		Pass	18
VHT20	MCS0	1	48	5240	18.70	-		24.00	-	0.91	-		Pass	18
VHT40	MCS0	1	38	5190	15.20	-		24.00	-	0.91	-		Pass	14
VHT40	MCS0	1	46	5230	18.90	-		24.00	-	0.91	-		Pass	18.5
VHT80	MCS0	1	42	5210	14.20	-		24.00	-	0.91	-		Pass	13.5

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	36	5180	17.24	-	23.03	-	-		22.37	-	-	
11a	6Mbps	1	44	5220	17.74	-	31.64	-	-		22.49	-		
11a	6Mbps	1	48	5240	17.72	-	35.19	-	-		22.48	-		
HT20	MCS0	1	36	5180	18.38	-	33.27	-	-		22.64	-		
HT20	MCS0	1	44	5220	18.64	-	35.46	-	-		22.71	-		
HT20	MCS0	1	48	5240	18.68	-	36.46	-	-		22.71	-		
HT40	MCS0	1	38	5190	36.81	-	55.49	-	-		23.01	-		
HT40	MCS0	1	46	5230	37.37	-	69.41	-	-		23.01	-		
VHT80	MCS0	1	42	5210	75.24	-	84.29	-	-		23.01	-		

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TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	36	5180	0.11	-	5.55	-		11.00	-	0.91	-		Pass
11a	6Mbps	1	44	5220	0.11	-	8.18	-		11.00	-	0.91	-		Pass
11a	6Mbps	1	48	5240	0.11	-	8.29	-		11.00	-	0.91	-		Pass
HT20	MCS0	1	36	5180	0.12	-	6.31	-		11.00	-	0.91	-		Pass
HT20	MCS0	1	44	5220	0.12	-	7.80	-	-	11.00	-	0.91	-	-	Pass
HT20	MCS0	1	48	5240	0.12	-	7.83	-		11.00	-	0.91	-		Pass
HT40	MCS0	1	38	5190	0.23	-	1.34	-		11.00	-	0.91	-		Pass
HT40	MCS0	1	46	5230	0.23	-	4.90	-		11.00	-	0.91	-		Pass
VHT80	MCS0	1	42	5210	0.43	-	-2.44	-		11.00	-	0.91	-		Pass

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TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2			Ant 4
11a	6Mbps	1	52	5260	18.80	-	-	23.98	-	1.78	-	26.99	Pass	18
11a	6Mbps	1	60	5300	18.90	-		23.98	-	1.78	-	26.99	Pass	18
11a	6Mbps	1	64	5320	18.40	-		23.98	-	1.78	-	26.99	Pass	17.5
HT20	MCS0	1	52	5260	18.80	-		23.98	-	1.78	-	26.99	Pass	18
HT20	MCS0	1	60	5300	18.80	-		23.98	-	1.78	-	26.99	Pass	18
HT20	MCS0	1	64	5320	17.90	-		23.98	-	1.78	-	26.99	Pass	17.5
HT40	MCS0	1	54	5270	19.00	-		23.98	-	1.78	-	26.99	Pass	18.5
HT40	MCS0	1	62	5310	15.50	-		23.98	-	1.78	-	26.99	Pass	15
VHT20	MCS0	1	52	5260	18.70	-		23.98	-	1.78	-	26.99	Pass	18
VHT20	MCS0	1	60	5300	18.70	-		23.98	-	1.78	-	26.99	Pass	18
VHT20	MCS0	1	64	5320	17.80	-		23.98	-	1.78	-	26.99	Pass	17.5
VHT40	MCS0	1	54	5270	18.90	-		23.98	-	1.78	-	26.99	Pass	18.5
VHT40	MCS0	1	62	5310	15.40	-		23.98	-	1.78	-	26.99	Pass	15
VHT80	MCS0	1	58	5290	13.90	-		23.98	-	1.78	-	26.99	Pass	13.5

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	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 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	
11a	6Mbps	1	52	5260	17.81	-	36.17	-	23.51	-	29.51	-	23.98	-	-
11a	6Mbps	1	60	5300	17.71	-	33.94	-	23.48	-	29.48	-	23.98	-	
11a	6Mbps	1	64	5320	17.62	-	32.02	-	23.46	-	29.46	-	23.98	-	
HT20	MCS0	1	52	5260	18.71	-	33.82	-	23.72	-	29.72	-	23.98	-	
HT20	MCS0	1	60	5300	18.66	-	36.19	-	23.71	-	29.71	-	23.98	-	
HT20	MCS0	1	64	5320	18.46	-	32.29	-	23.66	-	29.66	-	23.98	-	
HT40	MCS0	1	54	5270	37.80	-	75.65	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.71	-	54.02	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.28	-	82.40	-	23.98	-	30.00	-	23.98	-	

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TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	52	5260	0.11	-	7.96	-		11.00	-	1.78	-		Pass
11a	6Mbps	1	60	5300	0.11	-	8.00	-		11.00	-	1.78	-		Pass
11a	6Mbps	1	64	5320	0.11	-	7.25	-		11.00	-	1.78	-		Pass
HT20	MCS0	1	52	5260	0.12	-	7.69	-		11.00	-	1.78	-		Pass
HT20	MCS0	1	60	5300	0.12	-	7.76	-	-	11.00	-	1.78	-	-	Pass
HT20	MCS0	1	64	5320	0.12	-	6.57	-		11.00	-	1.78	-		Pass
HT40	MCS0	1	54	5270	0.23	-	5.20	-		11.00	-	1.78	-		Pass
HT40	MCS0	1	62	5310	0.23	-	1.46	-		11.00	-	1.78	-		Pass
VHT80	MCS0	1	58	5290	0.43	-	-3.35	-		11.00	-	1.78	-		Pass

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TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2			Ant 4
11a	6Mbps	1	100	5500	17.70	-	-	23.98	-	1.77	-	26.99	Pass	17.5
11a	6Mbps	1	120	5600	17.90	-		23.98	-	1.77	-	26.99	Pass	17.5
11a	6Mbps	1	140	5700	17.70	-		23.98	-	1.77	-	26.99	Pass	18
HT20	MCS0	1	100	5500	17.70	-		23.98	-	1.77	-	26.99	Pass	17.5
HT20	MCS0	1	120	5600	17.90	-		23.98	-	1.77	-	26.99	Pass	17.5
HT20	MCS0	1	140	5700	17.70	-		23.98	-	1.77	-	26.99	Pass	17.5
HT40	MCS0	1	102	5510	16.90	-		23.98	-	1.77	-	26.99	Pass	17
HT40	MCS0	1	118	5590	17.70	-		23.98	-	1.77	-	26.99	Pass	17.5
HT40	MCS0	1	134	5670	17.70	-		23.98	-	1.77	-	26.99	Pass	17.5
VHT20	MCS0	1	100	5500	17.60	-		23.98	-	1.77	-	26.99	Pass	17.5
VHT20	MCS0	1	120	5600	17.80	-		23.98	-	1.77	-	26.99	Pass	17.5
VHT20	MCS0	1	140	5700	17.60	-		23.98	-	1.77	-	26.99	Pass	17.5
VHT40	MCS0	1	102	5510	16.80	-		23.98	-	1.77	-	26.99	Pass	17
VHT40	MCS0	1	118	5590	17.60	-		23.98	-	1.77	-	26.99	Pass	17.5
VHT40	MCS0	1	134	5670	17.60	-		23.98	-	1.77	-	26.99	Pass	17.5
VHT80	MCS0	1	106	5530	12.90	-		23.98	-	1.77	-	26.99	Pass	13
VHT80	MCS0	1	122	5610	17.80	-		23.98	-	1.77	-	26.99	Pass	18

FCC U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2			Ant 4
11a	6Mbps	1	144	5720	17.70	-	-	23.98	-	1.77	-	26.99	Pass	18
HT20	MCS0	1	144	5720	17.70	-		23.98	-	1.77	-	26.99	Pass	18
HT40	MCS0	1	142	5710	17.80	-		23.98	-	1.77	-	26.99	Pass	18
VHT20	MCS0	1	144	5720	17.60	-		23.98	-	1.77	-	26.99	Pass	18
VHT40	MCS0	1	142	5710	17.70	-		23.98	-	1.77	-	26.99	Pass	18
VHT80	MCS0	1	138	5690	17.80	-		23.98	-	1.77	-	26.99	Pass	18

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2
11a	6Mbps	1	100	5500	17.91	-	33.86	-	23.53	-	29.53	-	23.98	-	----	----
11a	6Mbps	1	120	5600	18.52	-	36.78	-	23.68	-	29.68	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.85	-	33.98	-	23.52	-	29.52	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.93	-	35.29	-	23.77	-	29.77	-	23.98	-	----	----
HT20	MCS0	1	120	5600	19.09	-	36.55	-	23.81	-	29.81	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.92	-	35.70	-	23.77	-	29.77	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.96	-	67.28	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	118	5590	37.56	-	78.00	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	37.99	-	79.33	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	75.32	-	82.24	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	76.18	-	171.97	-	23.98	-	30.00	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2
11a	6Mbps	1	144	5720	14.92	-	24.48	-	23.90	-	29.90	-	23.98	-	2.525	-
HT20	MCS0	1	144	5720	15.35	-	26.20	-	23.98	-	30.00	-	23.98	-	2.55	-
HT40	MCS0	1	142	5710	34.39	-	52.39	-	23.98	-	30.00	-	23.98	-	2.541	-
VHT80	MCS0	1	138	5690	73.30	-	121.30	-	23.98	-	30.00	-	23.98	-	2.552	-
6dB Bandwidth Limit ≧ 500kHz															Pass	

Report Number : FR5D2218E

TEST RESULTS DATA
Power Spectral Density

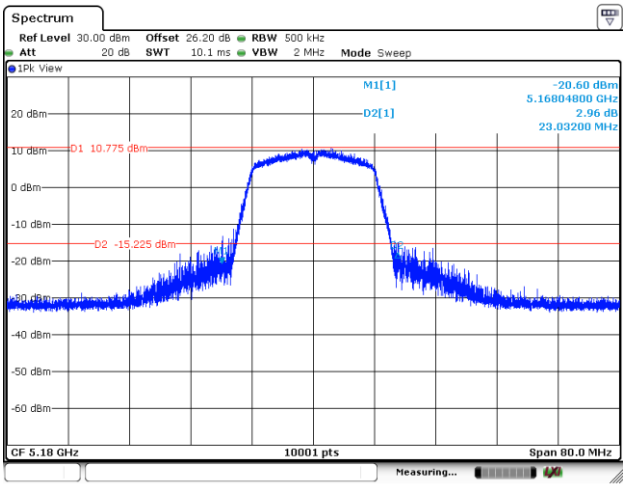
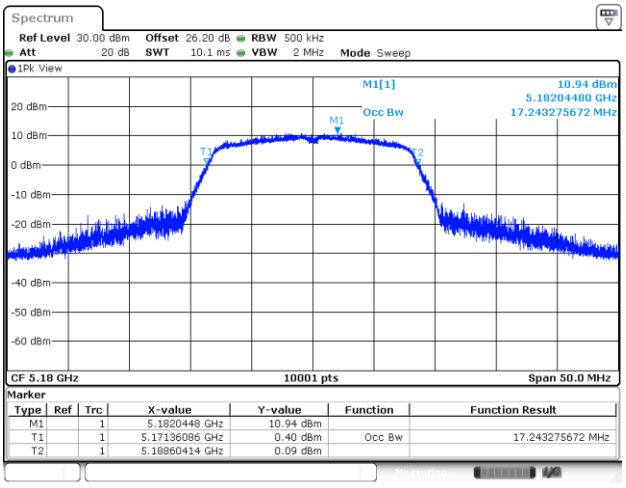
U-NII-2C single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	100	5500	0.11	-	7.07	-	-	11.00	-	1.77	-	-	Pass
11a	6Mbps	1	120	5600	0.11	-	7.08	-		11.00	-	1.77	-		Pass
11a	6Mbps	1	140	5700	0.11	-	6.49	-		11.00	-	1.77	-		Pass
HT20	MCS0	1	100	5500	0.12	-	6.80	-		11.00	-	1.77	-		Pass
HT20	MCS0	1	120	5600	0.12	-	6.81	-		11.00	-	1.77	-		Pass
HT20	MCS0	1	140	5700	0.12	-	6.36	-		11.00	-	1.77	-		Pass
HT40	MCS0	1	102	5510	0.23	-	3.08	-		11.00	-	1.77	-		Pass
HT40	MCS0	1	118	5590	0.23	-	3.36	-		11.00	-	1.77	-		Pass
HT40	MCS0	1	134	5670	0.23	-	2.92	-		11.00	-	1.77	-		Pass
VHT80	MCS0	1	106	5530	0.43	-	-4.26	-		11.00	-	1.77	-		Pass
VHT80	MCS0	1	122	5610	0.43	-	0.58	-		11.00	-	1.77	-		Pass

U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	144	5720	0.11	-	6.87	-	-	11.00	-	1.77	-	-	Pass
HT20	MCS0	1	144	5720	0.12	-	6.60	-		11.00	-	1.77	-		Pass
HT40	MCS0	1	142	5710	0.23	-	3.40	-		11.00	-	1.77	-		Pass
VHT80	MCS0	1	138	5690	0.43	-	0.63	-		11.00	-	1.77	-		Pass

Test Result of 26dB & 99% Occupied Bandwidth

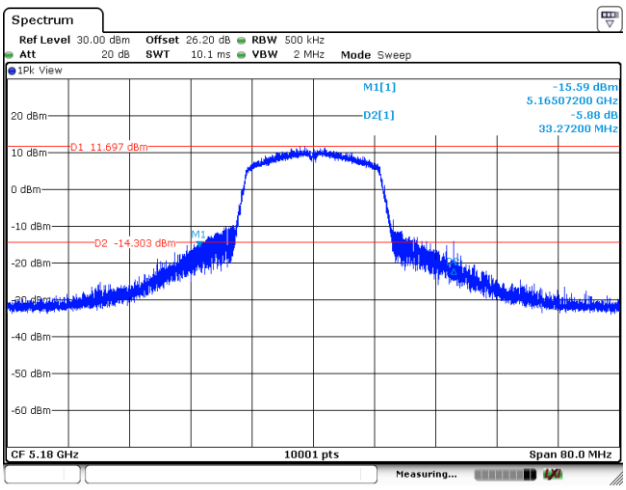
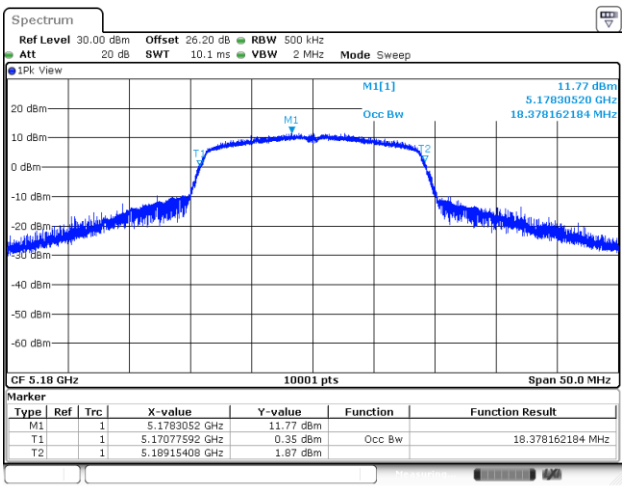
SISO <Ant. 4>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

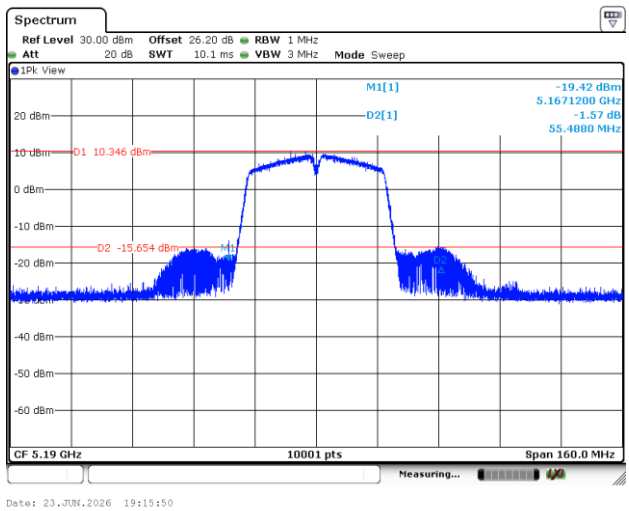
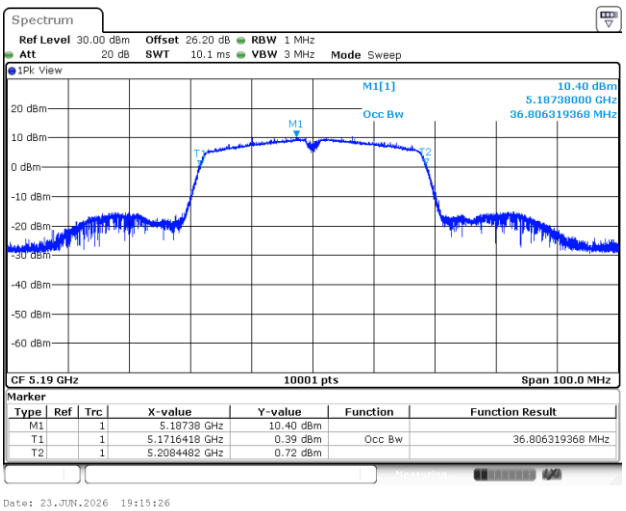
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11aN HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

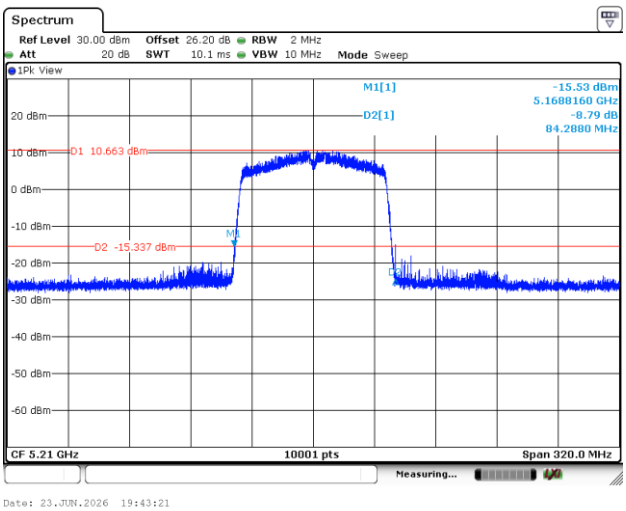
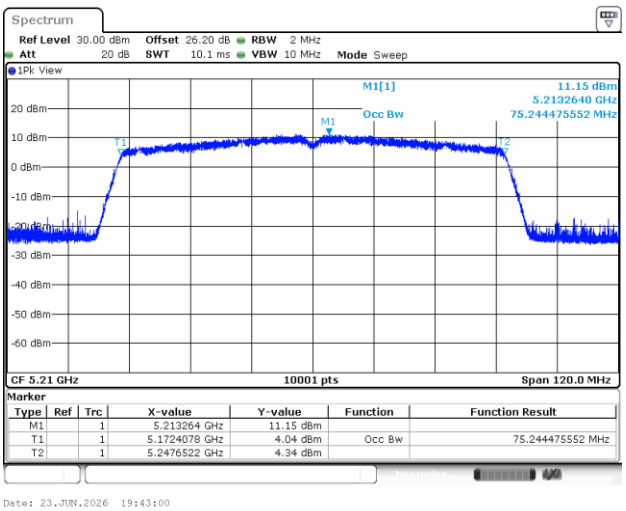
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11aN HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

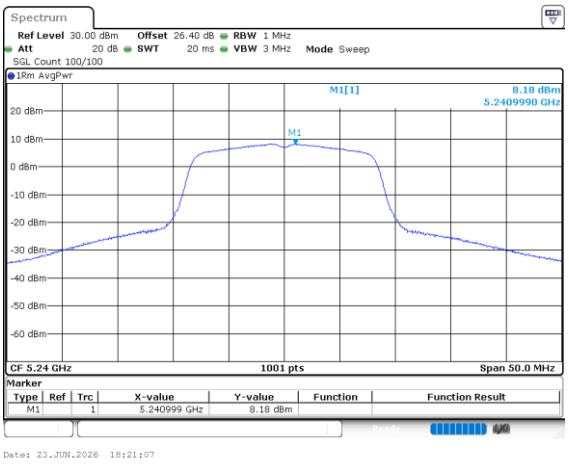
26dB Bandwidth	99% Occupied Bandwidth
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

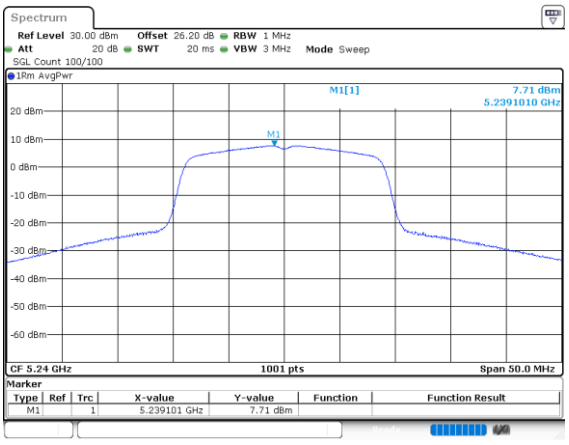
<802.11a>

Maximum Power Density Plot Trace 1 (Ant 4)



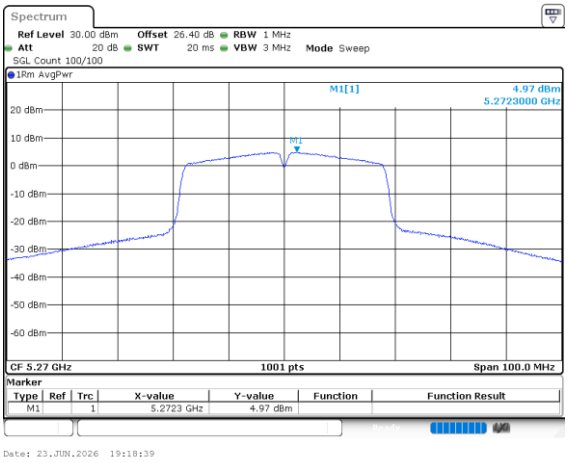
<802.11aN HT20>

Maximum Power Density Plot Trace 1 (Ant 4)



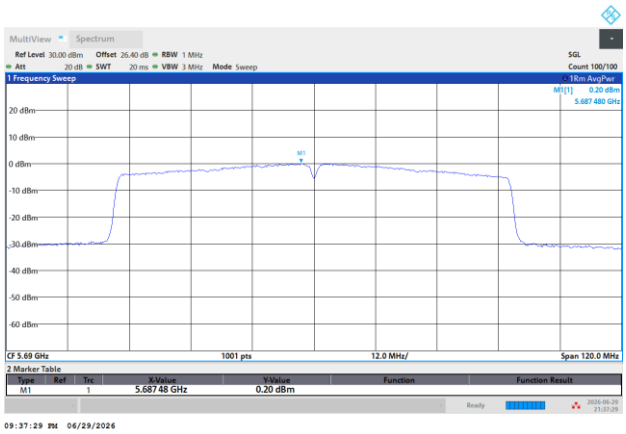
<802.11aN HT40>

Maximum Power Density Plot Trace 1 (Ant 4)



<802.11ac VHT80>

Maximum Power Density Plot Trace 1 (Ant 4)

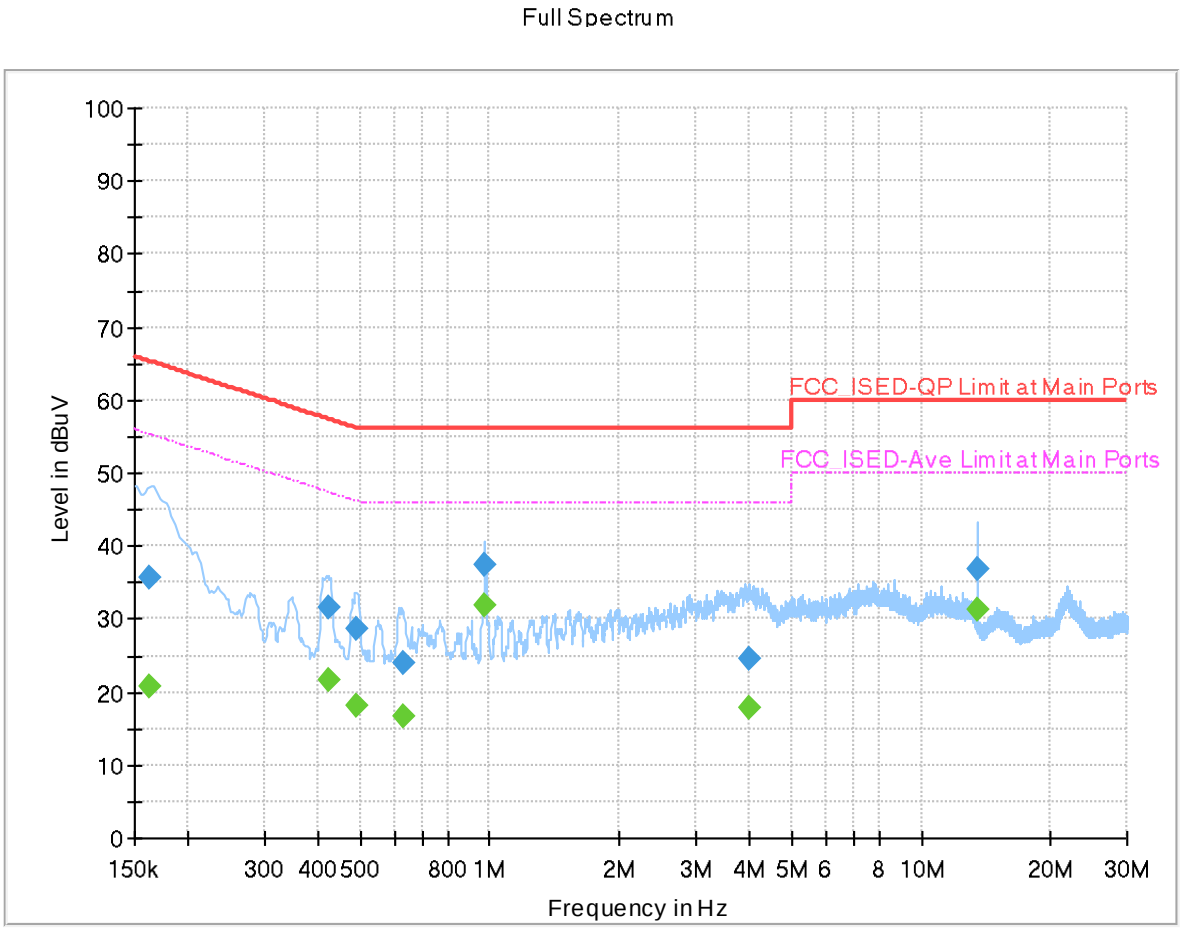


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	23.1~24.4℃
		Relative Humidity :	46.4~49.7%

EUT Information

Report NO :	5D2218
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

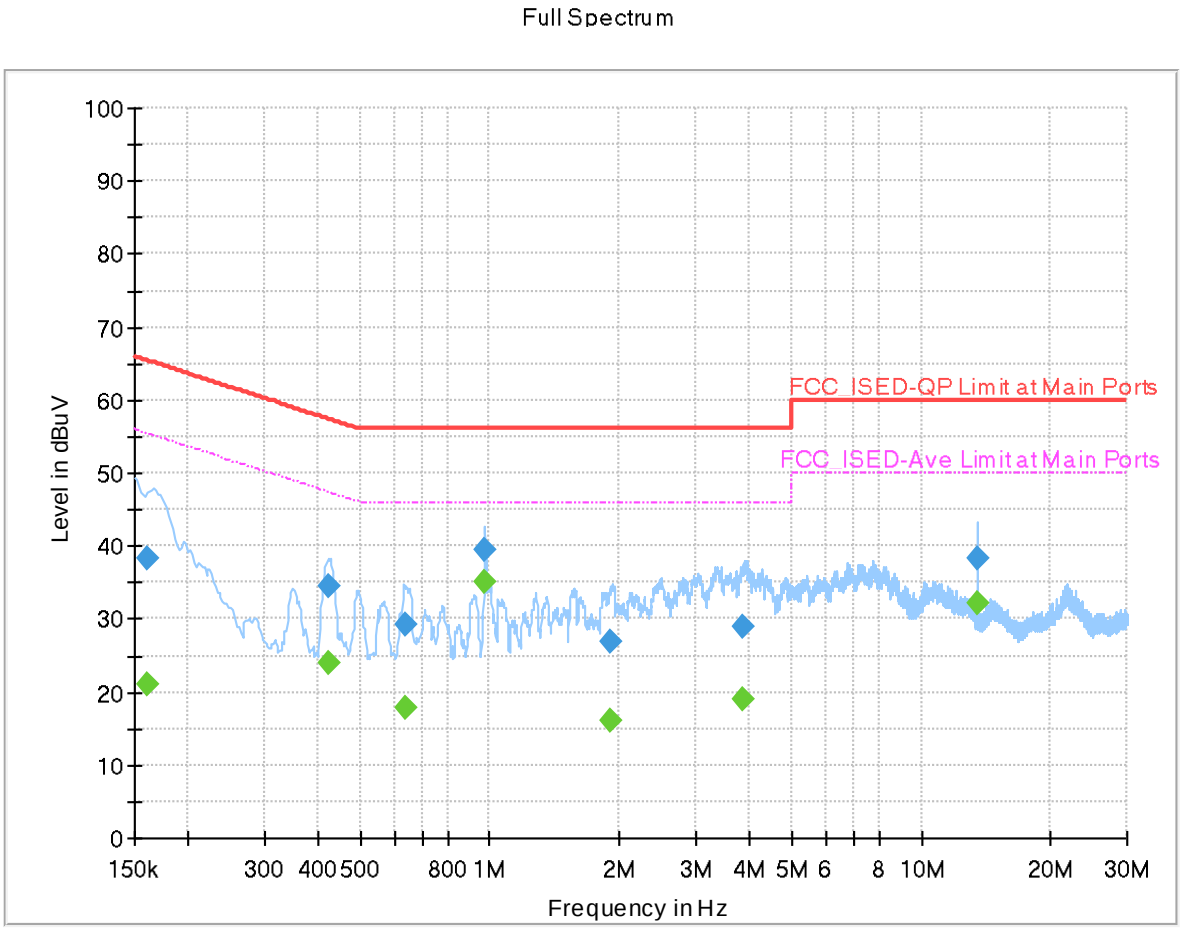


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.162015	---	20.77	55.36	34.59	L1	ON	20.0
0.162015	35.71	---	65.36	29.65	L1	ON	20.0
0.422250	---	21.55	47.40	25.85	L1	ON	20.0
0.422250	31.65	---	57.40	25.75	L1	ON	20.0
0.492720	---	18.02	46.12	28.10	L1	ON	20.0
0.492720	28.66	---	56.12	27.46	L1	ON	20.0
0.628215	---	16.81	46.00	29.19	L1	ON	20.0
0.628215	23.84	---	56.00	32.16	L1	ON	20.0
0.973140	---	31.82	46.00	14.18	L1	ON	20.0
0.973140	37.50	---	56.00	18.50	L1	ON	20.0
3.997500	---	17.84	46.00	28.16	L1	ON	20.1
3.997500	24.56	---	56.00	31.44	L1	ON	20.1
13.560225	---	31.37	50.00	18.63	L1	ON	20.6
13.560225	36.97	---	60.00	23.03	L1	ON	20.6

EUT Information

Report NO :	5D2218
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	21.06	55.40	34.34	N	ON	20.0
0.161250	38.43	---	65.40	26.97	N	ON	20.0
0.422250	---	23.94	47.40	23.46	N	ON	20.0
0.422250	34.56	---	57.40	22.84	N	ON	20.0
0.636000	---	17.83	46.00	28.17	N	ON	20.0
0.636000	29.24	---	56.00	26.76	N	ON	20.0
0.973545	---	35.14	46.00	10.86	N	ON	20.0
0.973545	39.60	---	56.00	16.40	N	ON	20.0
1.903515	---	16.10	46.00	29.90	N	ON	20.1
1.903515	26.90	---	56.00	29.10	N	ON	20.1
3.873750	---	19.02	46.00	26.98	N	ON	20.1
3.873750	28.98	---	56.00	27.02	N	ON	20.1
13.560270	---	32.16	50.00	17.84	N	ON	20.6
13.560270	38.29	---	60.00	21.71	N	ON	20.6

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Gerry Wei、Tim Lee、Wilson Wu	**Temperature :**	21.8 ~ 23.4 °C
		Relative Humidity :	50.5 ~ 60.7 %

Note symbol

-L	**Low channel location**
-R	**High channel location**

C1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	4	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	4	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	4	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	4	802.11n HT20	36	5180	MCS0	-	-
Mode 5	U-NII-1	5.15-5.25	4	802.11n HT20	44	5220	MCS0	-	-
Mode 6	U-NII-1	5.15-5.25	4	802.11n HT20	48	5240	MCS0	-	-
Mode 7	U-NII-1	5.15-5.25	4	802.11n HT40	38	5190	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	4	802.11n HT40	46	5230	MCS0	-	-
Mode 9	U-NII-1	5.15-5.25	4	802.11ac VHT80	42	5210	MCS0	-	-
Mode 10	U-NII-2A	5.25-5.35	4	802.11a	52	5260	6Mbps	-	-
Mode 11	U-NII-2A	5.25-5.35	4	802.11a	60	5300	6Mbps	-	-

C1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-2A	5.25-5.35	4	802.11a	64	5320	6Mbps	-	-
Mode 13	U-NII-2A	5.25-5.35	4	802.11n HT20	52	5260	MCS0	-	-
Mode 14	U-NII-2A	5.25-5.35	4	802.11n HT20	60	5300	MCS0	-	-
Mode 15	U-NII-2A	5.25-5.35	4	802.11n HT20	64	5320	MCS0	-	-
Mode 16	U-NII-2A	5.25-5.35	4	802.11n HT40	54	5270	MCS0	-	-
Mode 17	U-NII-2A	5.25-5.35	4	802.11n HT40	62	5310	MCS0	-	-
Mode 18	U-NII-2A	5.25-5.35	4	802.11ac VHT80	58	5290	MCS0	-	-
Mode 19	U-NII-2C	5.47-5.725	4	802.11a	100	5500	6Mbps	-	-
Mode 20	U-NII-2C	5.47-5.725	4	802.11a	120	5600	6Mbps	-	-
Mode 21	U-NII-2C	5.47-5.725	4	802.11a	140	5700	6Mbps	-	-
Mode 22	U-NII-2C	5.47-5.725	4	802.11n HT20	100	5500	MCS0	-	-

C1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 23	U-NII-2C	5.47-5.725	4	802.11n HT20	120	5600	MCS0	-	-
Mode 24	U-NII-2C	5.47-5.725	4	802.11n HT20	140	5700	MCS0	-	-
Mode 25	U-NII-2C	5.47-5.725	4	802.11n HT40	102	5510	MCS0	-	-
Mode 26	U-NII-2C	5.47-5.725	4	802.11n HT40	118	5590	MCS0	-	-
Mode 27	U-NII-2C	5.47-5.725	4	802.11n HT40	134	5670	MCS0	-	-
Mode 28	U-NII-2C	5.47-5.725	4	802.11ac VHT80	106	5530	MCS0	-	-
Mode 29	U-NII-2C	5.47-5.725	4	802.11ac VHT80	122	5610	MCS0	-	-
Mode 30	U-NII-2C	5.47-5.725	4	802.11a	144	5720	6Mbps	-	-
Mode 31	U-NII-2C	5.47-5.725	4	802.11n HT20	144	5720	MCS0	-	-
Mode 32	U-NII-2C	5.47-5.725	4	802.11n HT40	142	5710	MCS0	-	-
Mode 33	U-NII-2C	5.47-5.725	4	802.11ac VHT80	138	5690	MCS0	-	-

C1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 34	U-NII-2C	5.47-5.725	4	802.11n HT40	102	5510	MCS0	-	LF
Mode 46	U-NII-2C	5.47-5.725	4	802.11n HT40	102	5510	MCS0	-	SHF

C2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.58	50.83	54.00	-3.17	H	Avg.	Pass	-	Band Edge
	802.11a	36	10360.00	47.37	68.20	-20.83	H	Peak	Pass	-	Harmonic
2	802.11a	44	5146.74	44.20	54.00	-9.80	H	Avg.	Pass	-	Band Edge
	802.11a	44	10440.00	47.34	68.20	-20.86	V	Peak	Pass	-	Harmonic
3	802.11a	48	5149.28	44.01	54.00	-9.99	H	Avg.	Pass	-	Band Edge
	802.11a	48	10480.00	47.48	68.20	-20.72	V	Peak	Pass	-	Harmonic
4	802.11n HT20	36	5149.94	51.40	54.00	-2.60	H	Avg.	Pass	-	Band Edge
	802.11n HT20	36	10360.00	47.04	68.20	-21.16	V	Peak	Pass	-	Harmonic
5	802.11n HT20	44	5149.38	43.85	54.00	-10.15	H	Avg.	Pass	-	Band Edge
	802.11n HT20	44	10440.00	47.98	68.20	-20.22	V	Peak	Pass	-	Harmonic
6	802.11n HT20	48	5149.04	43.48	54.00	-10.52	H	Avg.	Pass	-	Band Edge

C2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	802.11n HT20	48	10480.00	47.64	68.20	-20.56	V	Peak	Pass	-	Harmonic
7	802.11n HT40	38	5149.72	50.45	54.00	-3.55	H	Avg.	Pass	-	Band Edge
	802.11n HT40	38	10380.00	48.42	68.20	-19.78	V	Peak	Pass	-	Harmonic
8	802.11n HT40	46	5149.73	49.33	54.00	-4.67	H	Avg.	Pass	-	Band Edge
	802.11n HT40	46	10460.00	47.29	68.20	-20.91	H	Peak	Pass	-	Harmonic
9	802.11ac VHT80	42	5146.16	51.07	54.00	-2.93	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	10420.00	48.11	68.20	-20.09	H	Peak	Pass	-	Harmonic
10	802.11a	52	5039.00	43.99	54.00	-10.01	H	Avg.	Pass	-	Band Edge
	802.11a	52	10520.00	47.77	68.20	-20.43	H	Peak	Pass	-	Harmonic
11	802.11a	60	5351.04	44.32	54.00	-9.68	H	Avg.	Pass	-	Band Edge
	802.11a	60	10600.00	46.91	74.00	-27.09	V	Peak	Pass	-	Harmonic

C2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	802.11a	64	5350.94	48.67	54.00	-5.33	H	Avg.	Pass	-	Band Edge
	802.11a	64	10640.00	47.12	74.00	-26.88	H	Peak	Pass	-	Harmonic
13	802.11n HT20	52	5048.10	43.55	54.00	-10.45	H	Avg.	Pass	-	Band Edge
	802.11n HT20	52	10520.00	47.67	68.20	-20.53	V	Peak	Pass	-	Harmonic
14	802.11n HT20	60	5350.08	44.72	54.00	-9.28	H	Avg.	Pass	-	Band Edge
	802.11n HT20	60	10600.00	47.26	74.00	-26.74	H	Peak	Pass	-	Harmonic
15	802.11n HT20	64	5350.10	51.54	54.00	-2.46	H	Avg.	Pass	-	Band Edge
	802.11n HT20	64	10640.00	47.51	74.00	-26.49	H	Peak	Pass	-	Harmonic
16	802.11n HT40	54	5353.03	46.96	54.00	-7.04	H	Avg.	Pass	-	Band Edge
	802.11n HT40	54	10540.00	47.29	68.20	-20.91	V	Peak	Pass	-	Harmonic
17	802.11n HT40	62	5350.05	51.05	54.00	-2.95	H	Avg.	Pass	-	Band Edge

C2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
17	802.11n HT40	62	10620.00	47.36	74.00	-26.64	H	Peak	Pass	-	Harmonic
18	802.11ac VHT80	58	5350.52	50.23	54.00	-3.77	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	58	10580.00	47.58	68.20	-20.62	V	Peak	Pass	-	Harmonic
19	802.11a	100	5469.40	65.08	68.20	-3.12	H	Peak	Pass	-	Band Edge
	802.11a	100	16500.00	47.44	68.20	-20.76	V	Peak	Pass	-	Harmonic
20	802.11a	120	5438.25	42.27	54.00	-11.73	H	Avg.	Pass	-	Band Edge
	802.11a	120	16800.00	49.62	68.20	-18.58	V	Peak	Pass	-	Harmonic
21	802.11a	140	5725.48	63.42	68.20	-4.78	H	Peak	Pass	-	Band Edge
	802.11a	140	17100.00	47.99	68.20	-20.21	V	Peak	Pass	-	Harmonic
22	802.11n HT20	100	5468.65	63.50	68.20	-4.70	H	Peak	Pass	-	Band Edge
	802.11n HT20	100	16500.00	48.36	68.20	-19.84	V	Peak	Pass	-	Harmonic

C2.Summary of each worse mode

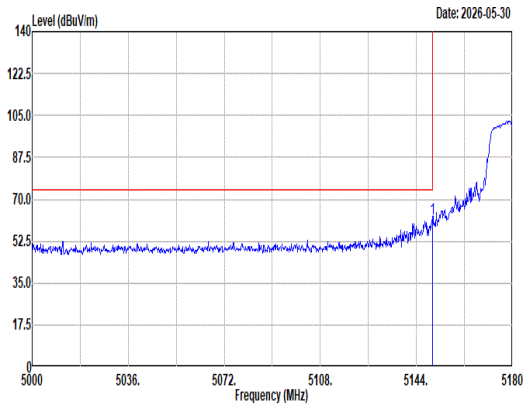
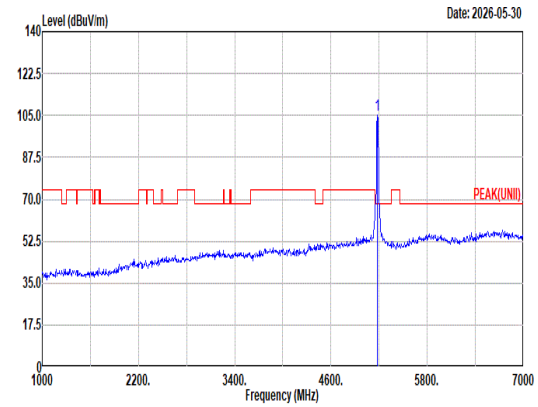
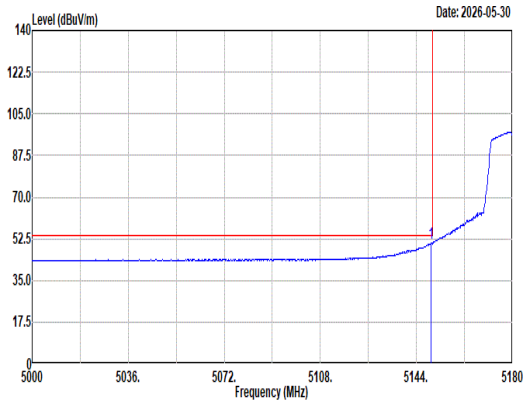
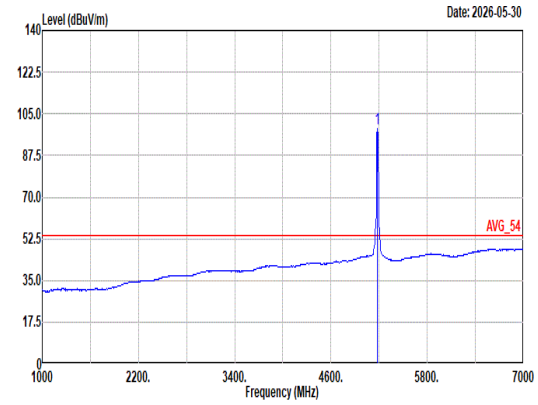
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
23	802.11n HT20	120	5453.75	42.91	54.00	-11.09	H	Avg.	Pass	-	Band Edge
	802.11n HT20	120	16800.00	48.92	68.20	-19.28	V	Peak	Pass	-	Harmonic
24	802.11n HT20	140	5727.95	65.81	68.20	-2.39	H	Peak	Pass	-	Band Edge
	802.11n HT20	140	17100.00	48.72	68.20	-19.48	V	Peak	Pass	-	Harmonic
25	802.11n HT40	102	5459.92	51.68	54.00	-2.32	H	Avg.	Pass	-	Band Edge
	802.11n HT40	102	16530.00	47.09	68.20	-21.11	V	Peak	Pass	-	Harmonic
26	802.11n HT40	118	5458.96	43.04	54.00	-10.96	H	Avg.	Pass	-	Band Edge
	802.11n HT40	118	16770.00	47.23	68.20	-20.97	H	Peak	Pass	-	Harmonic
27	802.11n HT40	134	5725.48	63.33	68.20	-4.87	H	Peak	Pass	-	Band Edge
	802.11n HT40	134	17010.00	46.78	68.20	-21.42	V	Peak	Pass	-	Harmonic
28	802.11ac VHT80	106	5454.22	51.47	54.00	-2.53	H	Avg.	Pass	-	Band Edge

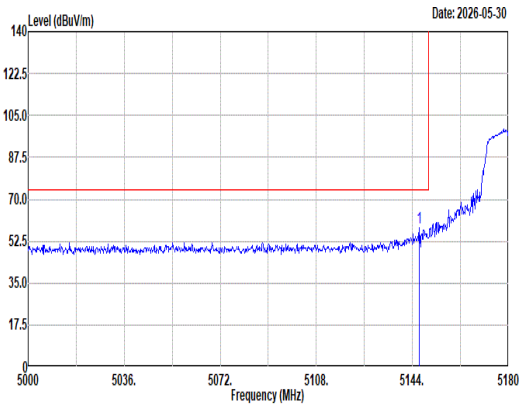
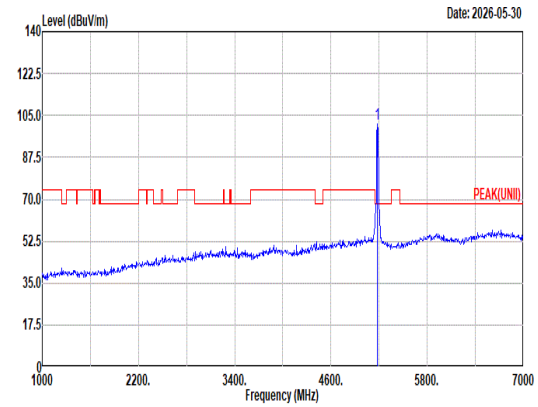
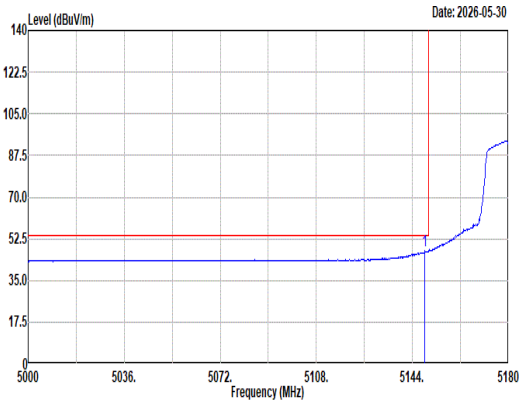
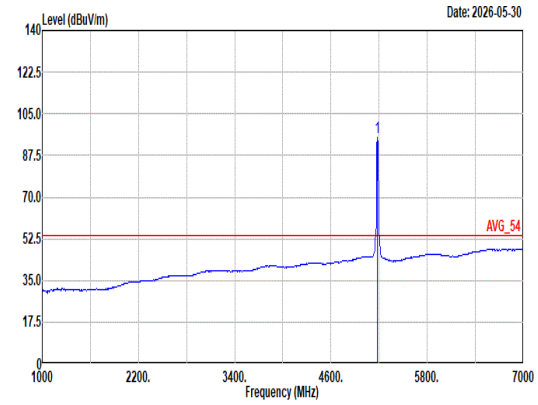
C2.Summary of each worse mode

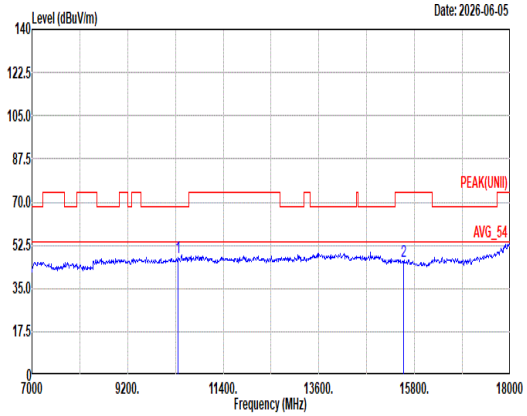
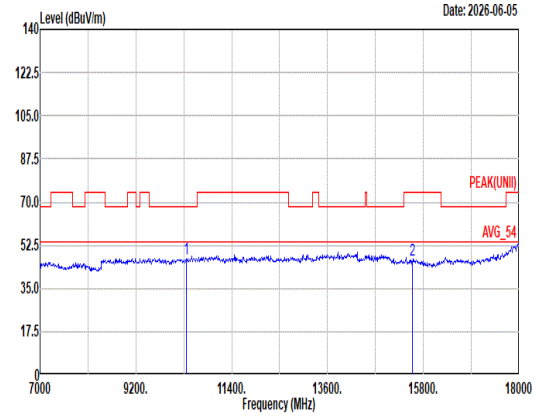
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
28	802.11ac VHT80	106	11060.00	38.92	54.00	-15.08	H	Avg.	Pass	-	Harmonic
29	802.11ac VHT80	122	5458.94	51.45	54.00	-2.55	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	122	16830.00	46.98	68.20	-21.22	V	Peak	Pass	-	Harmonic
30	802.11a	144	5443.21	41.81	54.00	-12.19	H	Avg.	Pass	-	Band Edge
	802.11a	144	11440.00	43.18	54.00	-10.82	V	Avg.	Pass	-	Harmonic
31	802.11n HT20	144	5468.56	42.65	54.00	-11.35	H	Avg.	Pass	-	Band Edge
	802.11n HT20	144	17160.00	50.04	68.20	-18.16	V	Peak	Pass	-	Harmonic
32	802.11n HT40	142	5468.17	43.18	54.00	-10.82	H	Avg.	Pass	-	Band Edge
	802.11n HT40	142	17130.00	47.14	68.20	-21.06	V	Peak	Pass	-	Harmonic
33	802.11ac VHT80	138	5465.83	45.83	54.00	-8.17	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	138	17070.00	46.97	68.20	-21.23	V	Peak	Pass	-	Harmonic

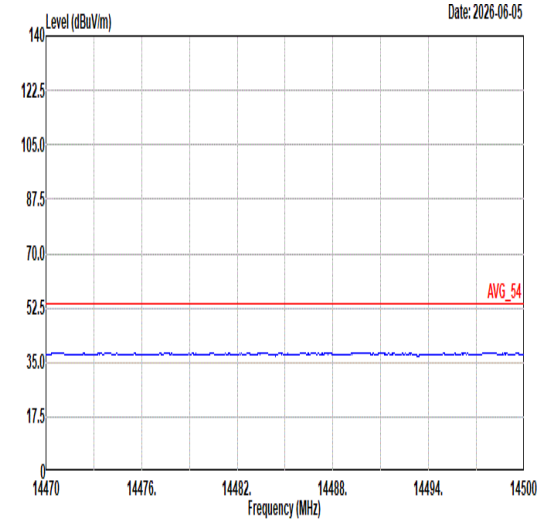
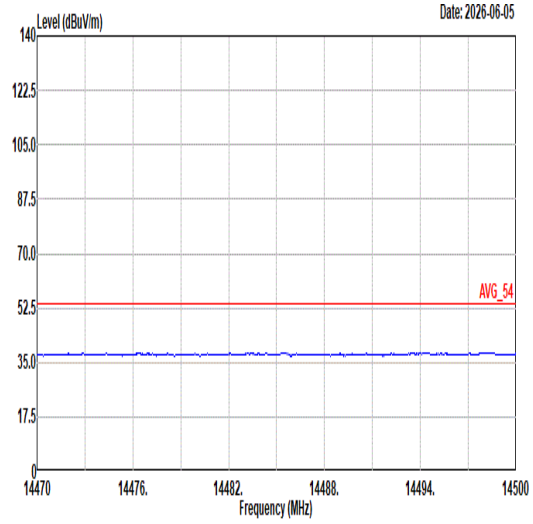
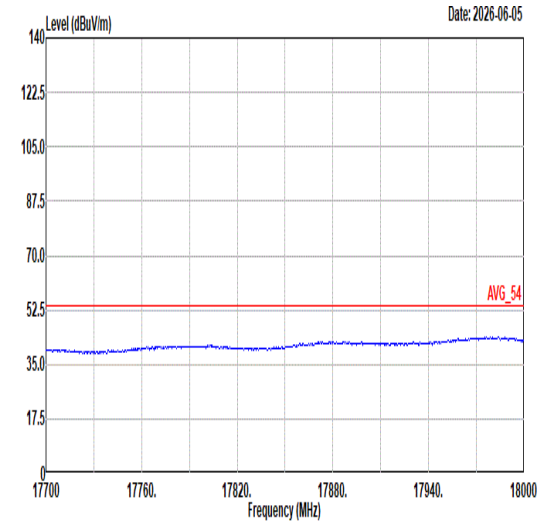
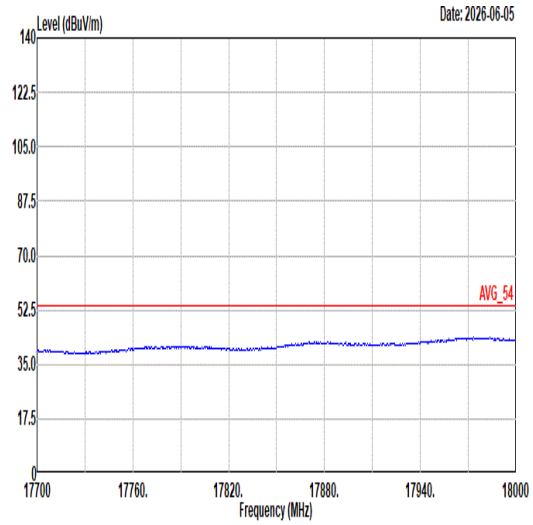
C2.Summary of each worse mode

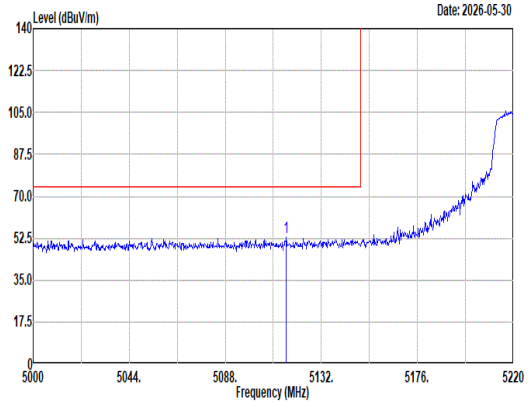
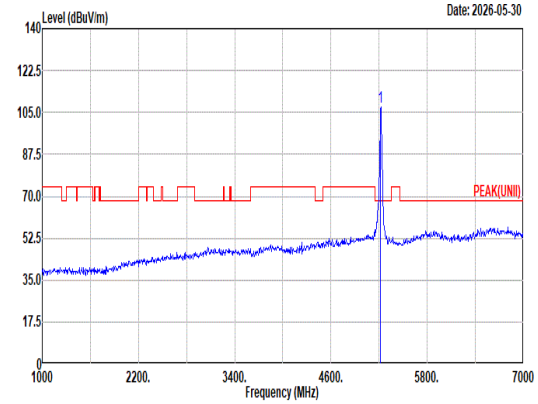
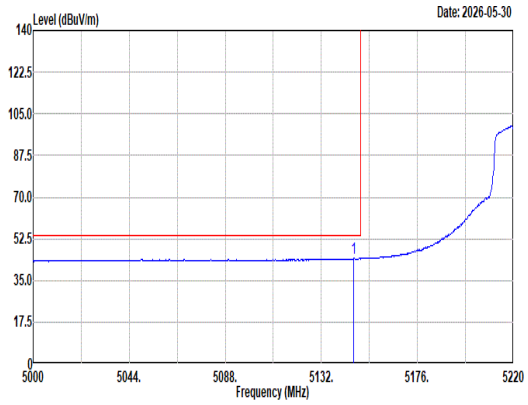
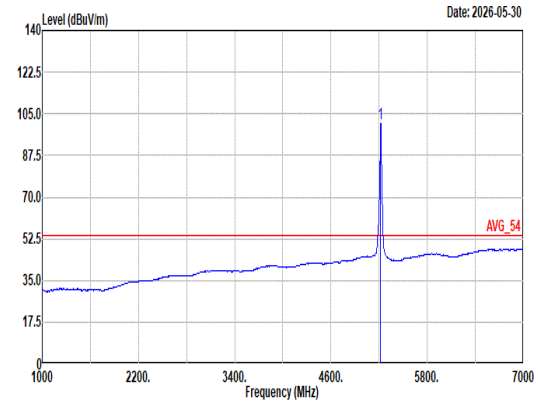
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
34	LF	102	896.21	39.59	46.00	-6.41	V	Peak	Pass	-	LF
46	SHF	102	39804.00	53.83	74.00	-20.17	H	Peak	Pass	-	SHF

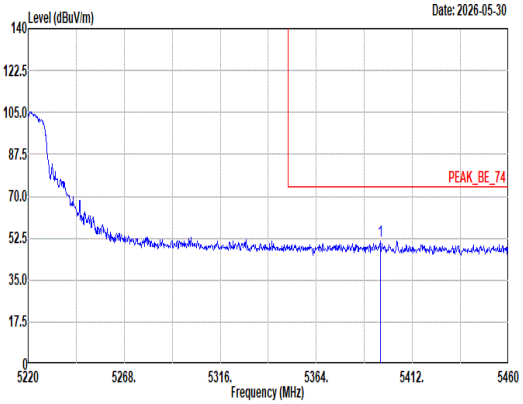
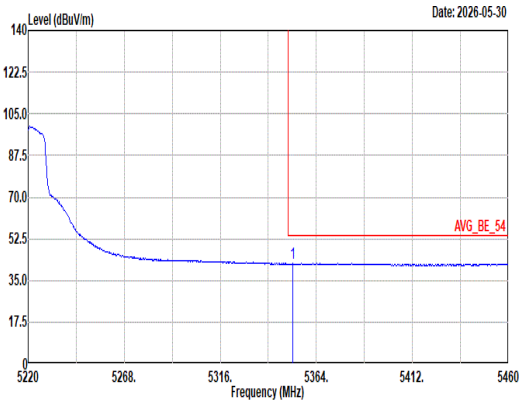
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.94 61.82 74.00 -12.18 52.00 33.30 10.16 33.64 0.00 100 261 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 105.20 ------ ------ 95.28 33.36 10.19 33.63 0.00 100 261 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.58 50.83 54.00 -3.17 41.01 33.30 10.16 33.64 0.00 100 261 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 98.64 ------ ------ 88.74 33.35 10.18 33.63 0.00 100 261 Average

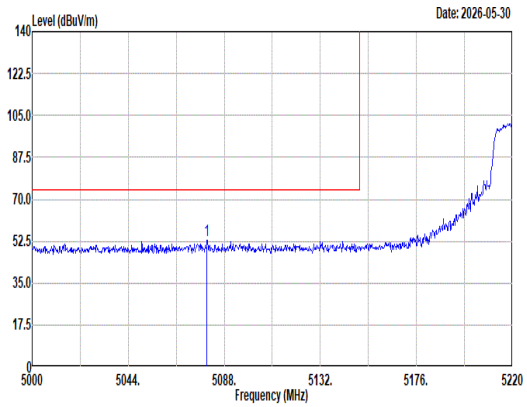
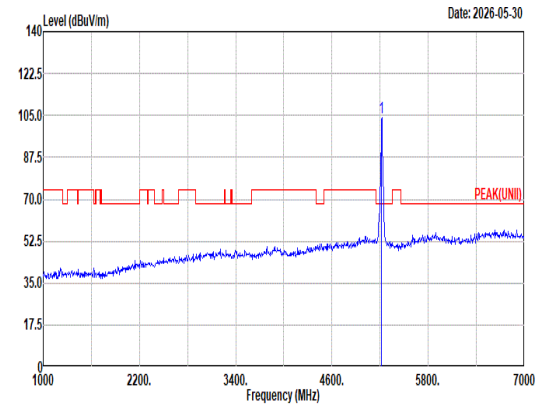
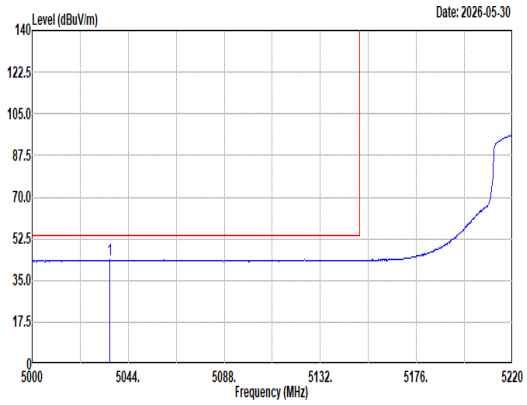
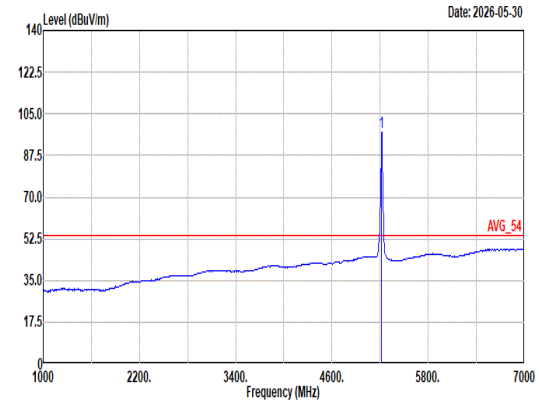
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5146.52 57.93 74.00 -16.07 48.13 33.29 10.15 33.64 0.00 100 96 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 101.40 ------ ------ 91.48 33.36 10.19 33.63 0.00 100 96 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.68 47.33 54.00 -6.67 37.51 33.30 10.16 33.64 0.00 100 96 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 94.88 ------ ------ 84.96 33.36 10.19 33.63 0.00 100 96 Average

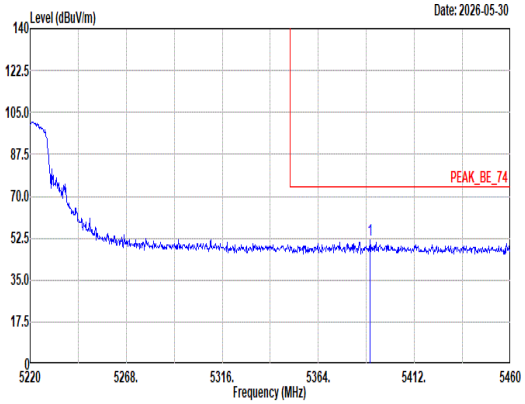
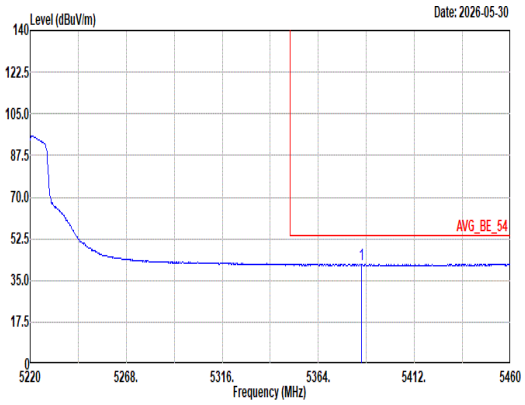
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 47.37 68.20 -20.83 48.07 38.78 15.82 55.89 0.59 -- -- Peak 2 15540.00 46.21 74.00 -27.79 43.31 38.60 19.24 55.28 0.34 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 47.20 68.20 -21.00 47.90 38.78 15.82 55.89 0.59 -- -- Peak 2 15540.00 46.50 74.00 -27.50 43.60 38.60 19.24 55.28 0.34 -- -- Peak

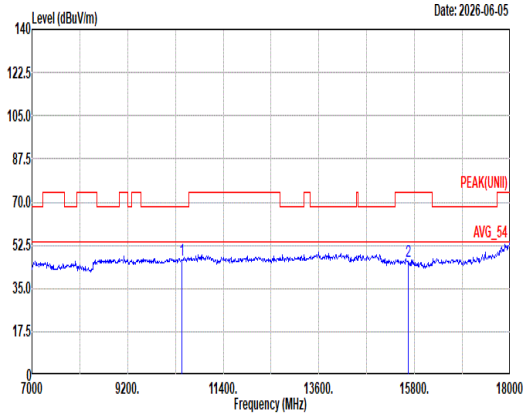
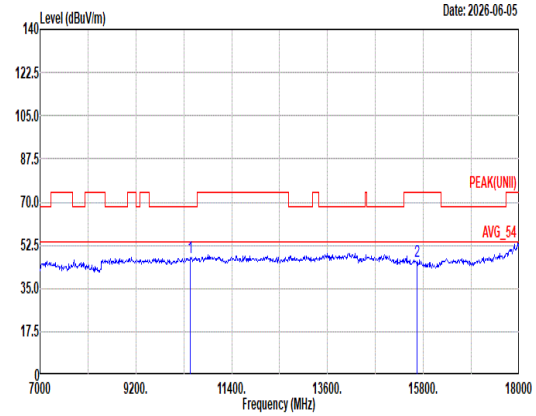
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

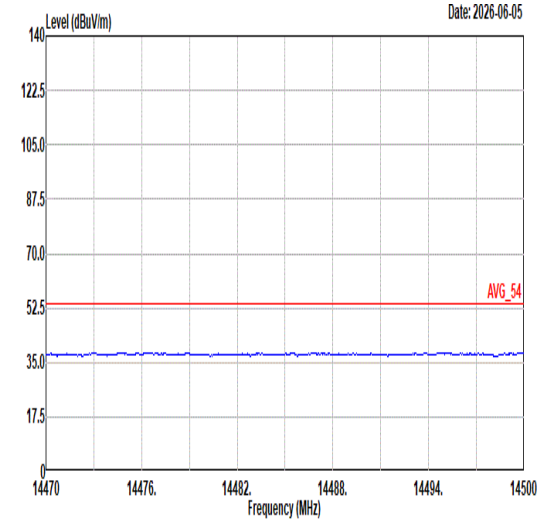
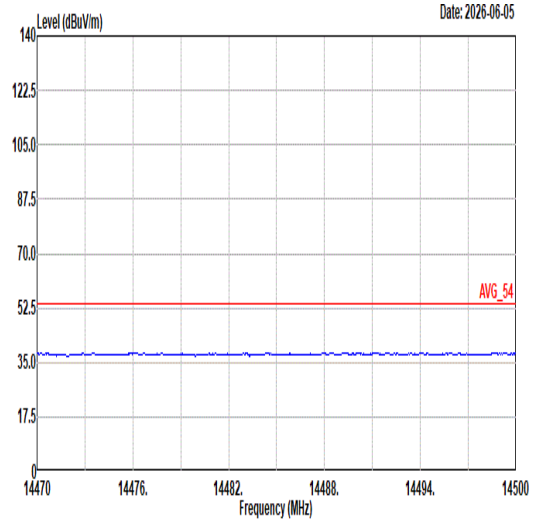
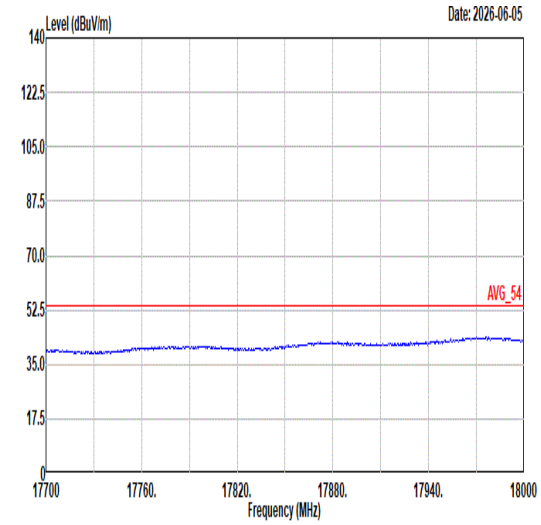
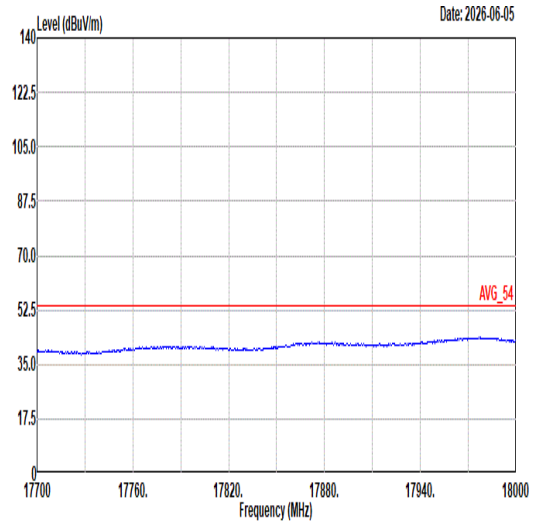
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5115.94 52.81 74.00 -21.19 43.10 33.23 10.12 33.64 0.00 103 265 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 107.22 ------ ------ 97.26 33.35 10.23 33.62 0.00 103 265 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5146.74 44.20 54.00 -9.80 34.40 33.29 10.15 33.64 0.00 103 265 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 101.13 ------ ------ 91.17 33.36 10.22 33.62 0.00 103 265 Average

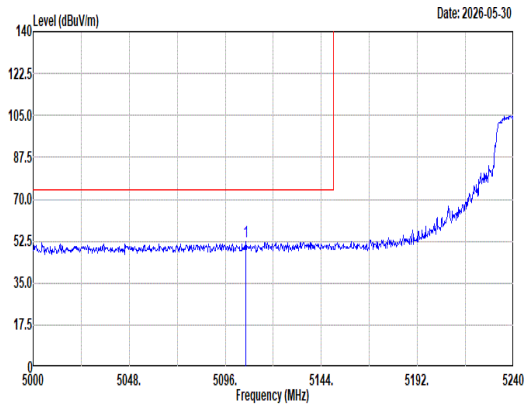
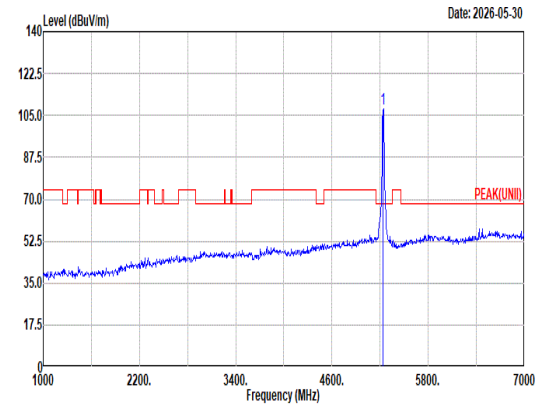
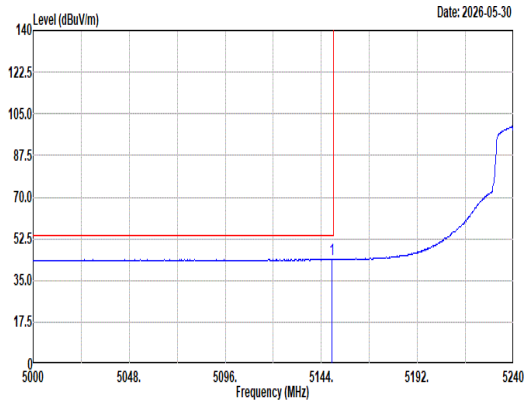
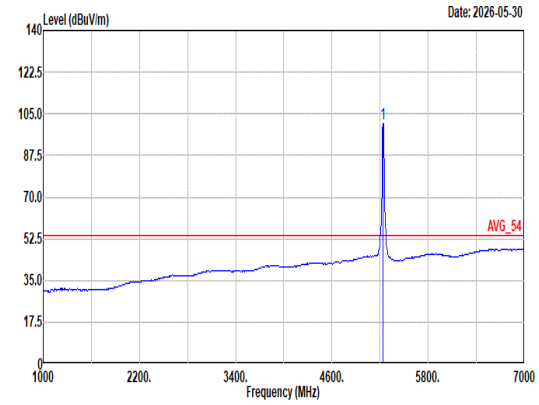
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5395.92 51.06 74.00 -22.94 41.08 33.19 10.37 33.58 0.00 103 265 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5352.24 42.13 54.00 -11.87 32.29 33.10 10.33 33.59 0.00 103 265 Average	Blank

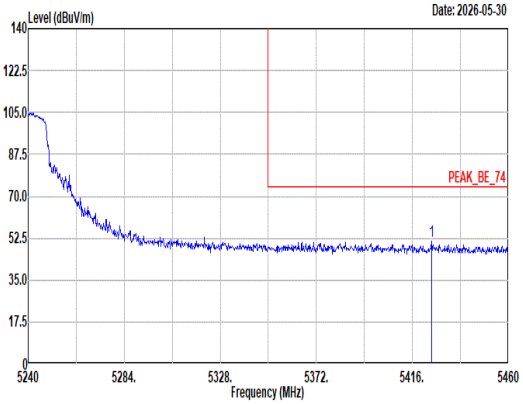
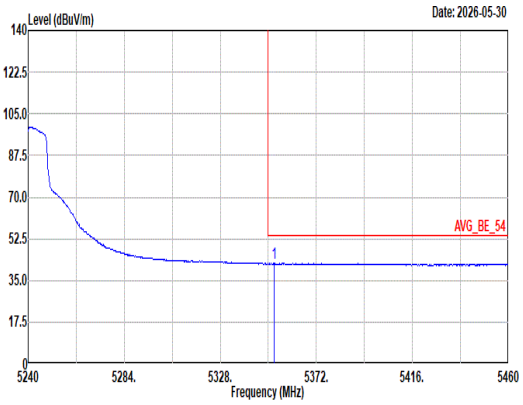
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5080.08 52.66 74.00 -21.34 42.91 33.32 10.08 33.65 0.00 100 85 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 104.01 ------ ------ 94.05 33.35 10.23 33.62 0.00 100 85 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5035.42 43.65 54.00 -10.35 33.74 33.53 10.04 33.66 0.00 100 85 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 97.25 ------ ------ 87.29 33.36 10.22 33.62 0.00 100 85 Average

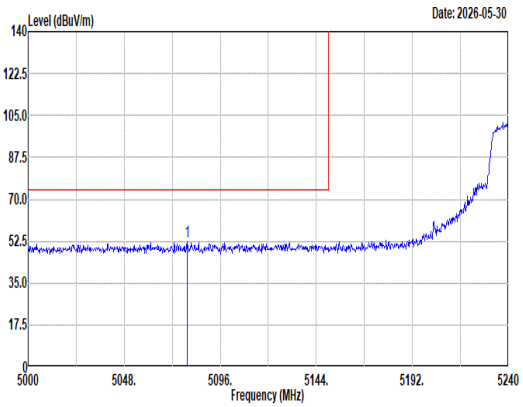
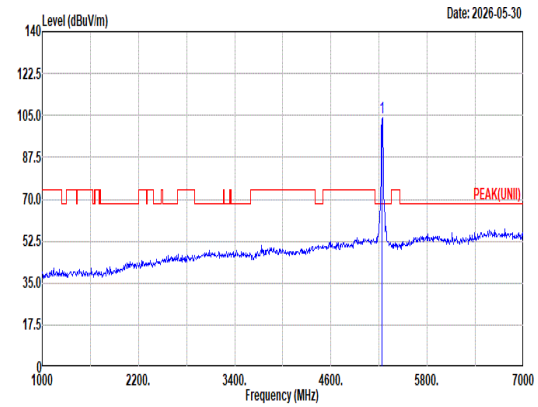
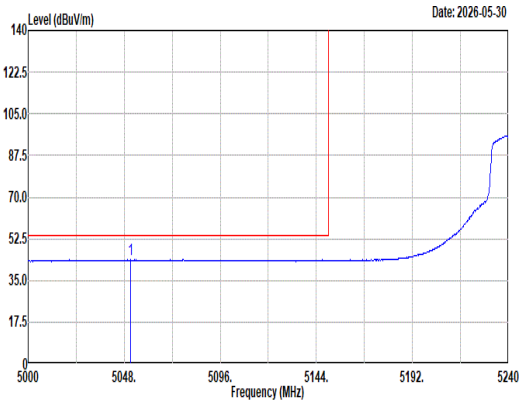
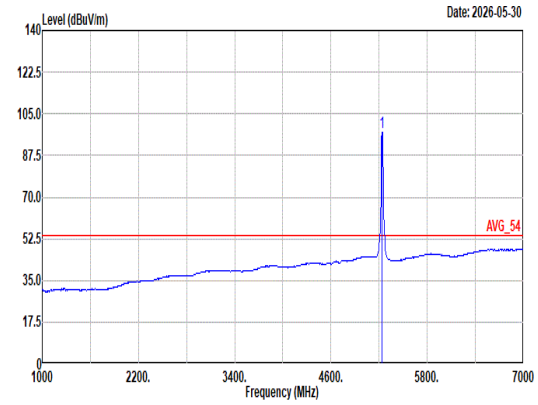
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5389.92 51.85 74.00 -22.15 41.89 33.18 10.36 33.58 0.00 100 85 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5385.60 41.83 54.00 -12.17 31.89 33.17 10.36 33.59 0.00 100 85 Average	Blank

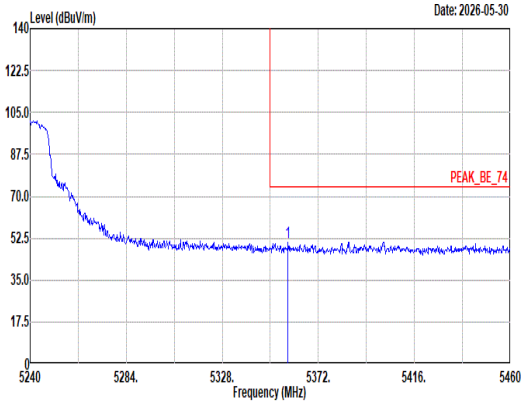
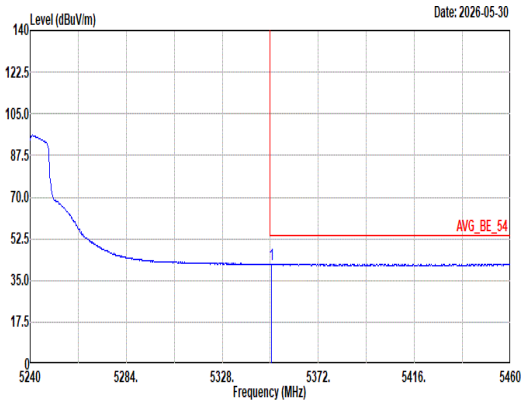
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 46.71 68.20 -21.49 47.36 38.70 15.90 55.84 0.59 -- -- Peak 2 15660.00 46.14 74.00 -27.86 43.63 38.18 19.25 55.25 0.33 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 47.34 68.20 -20.86 47.99 38.70 15.90 55.84 0.59 -- -- Peak 2 15660.00 46.16 74.00 -27.84 43.65 38.18 19.25 55.25 0.33 -- -- Peak

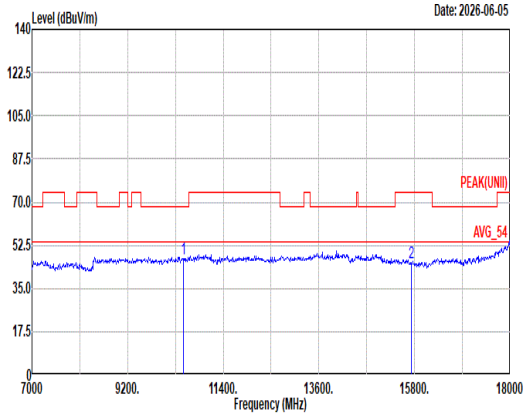
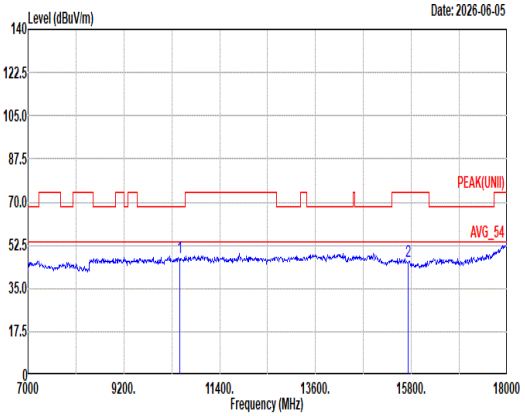
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

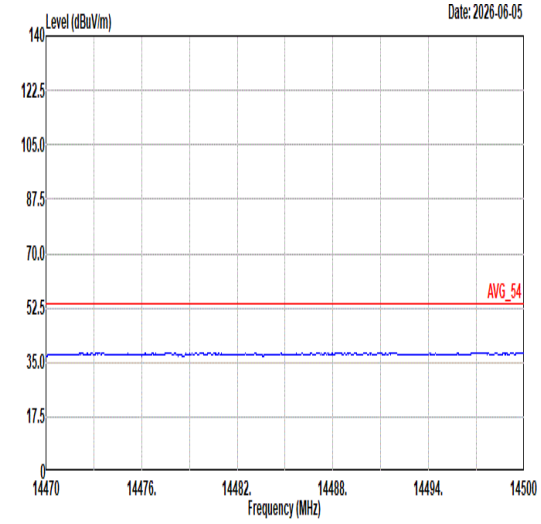
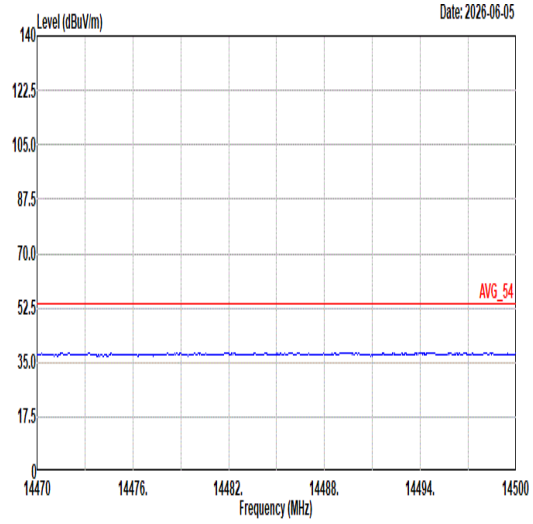
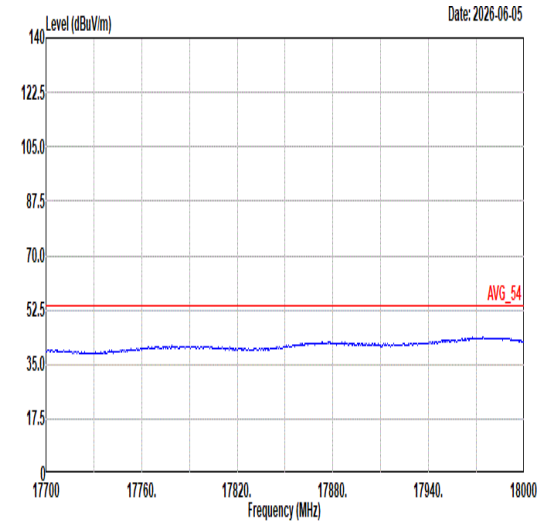
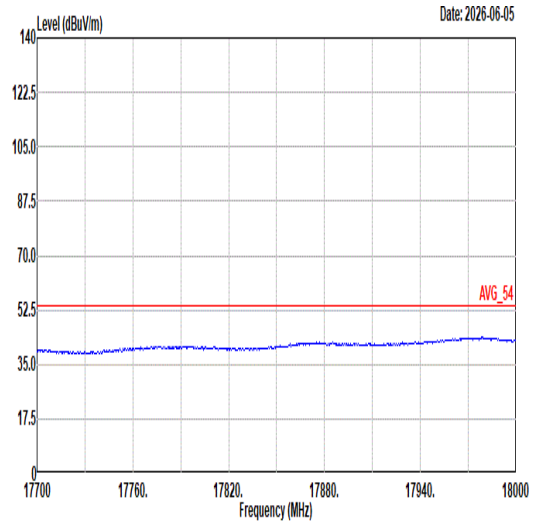
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5106.08 52.06 74.00 -21.94 42.39 33.21 10.11 33.65 0.00 100 267 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 107.66 ------ ------ 97.72 33.32 10.24 33.62 0.00 100 267 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.28 44.01 54.00 -9.99 34.19 33.30 10.16 33.64 0.00 100 267 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 100.97 ------ ------ 91.02 33.33 10.24 33.62 0.00 100 267 Average

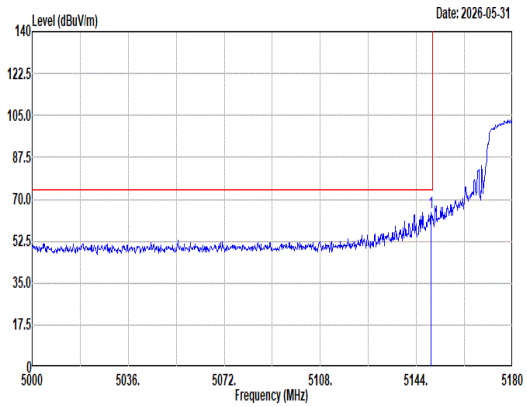
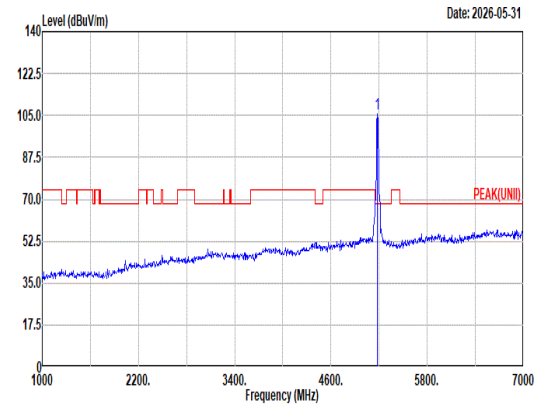
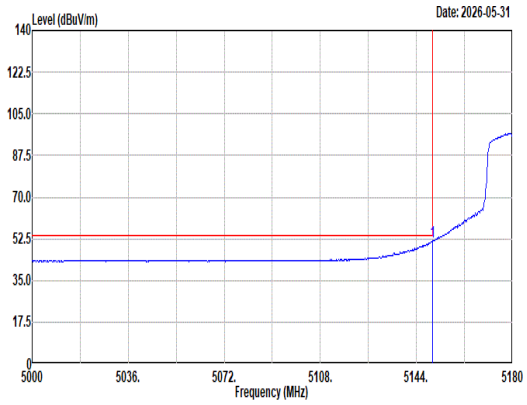
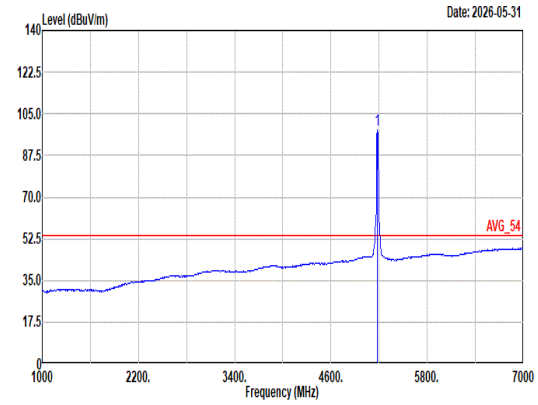
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5424.80 51.49 74.00 -22.51 41.46 33.20 10.41 33.58 0.00 100 267 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5352.64 42.34 54.00 -11.66 32.49 33.11 10.33 33.59 0.00 100 267 Average	Blank

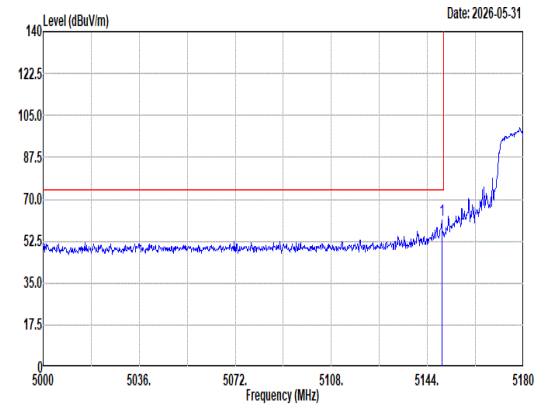
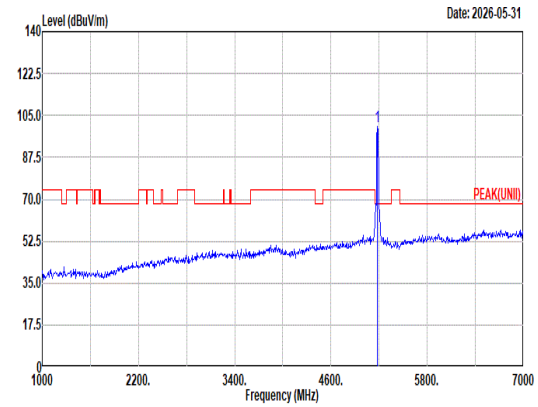
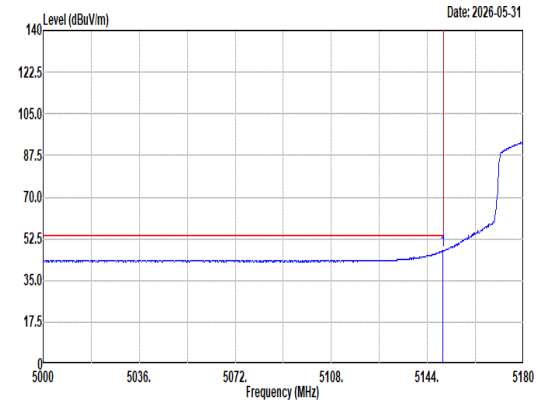
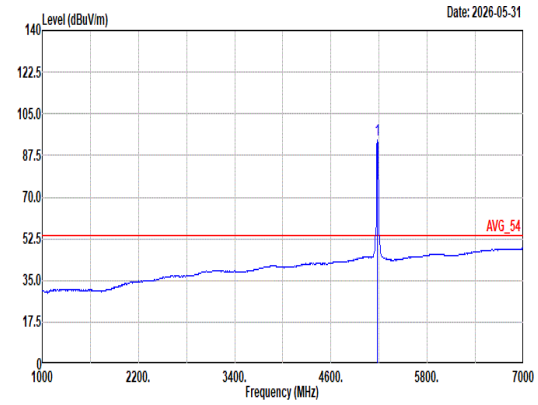
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5079.44 52.35 74.00 -21.65 42.60 33.32 10.08 33.65 0.00 100 85 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 104.00 ------ ------ 94.06 33.32 10.24 33.62 0.00 100 85 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5051.36 43.79 54.00 -10.21 33.91 33.49 10.05 33.66 0.00 100 85 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 97.23 ------ ------ 87.29 33.32 10.24 33.62 0.00 100 85 Average

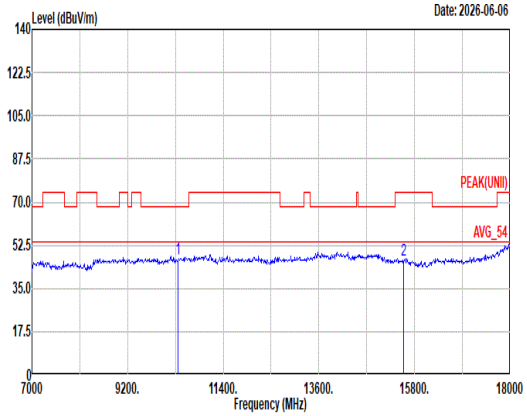
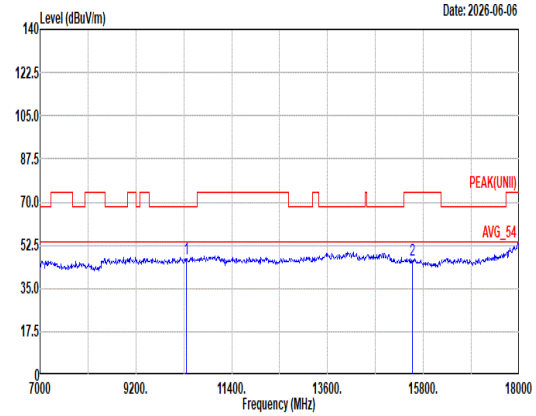
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5358.14 50.77 74.00 -23.23 40.90 33.12 10.34 33.59 0.00 100 85 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.66 41.92 54.00 -12.08 32.08 33.10 10.33 33.59 0.00 100 85 Average	Blank

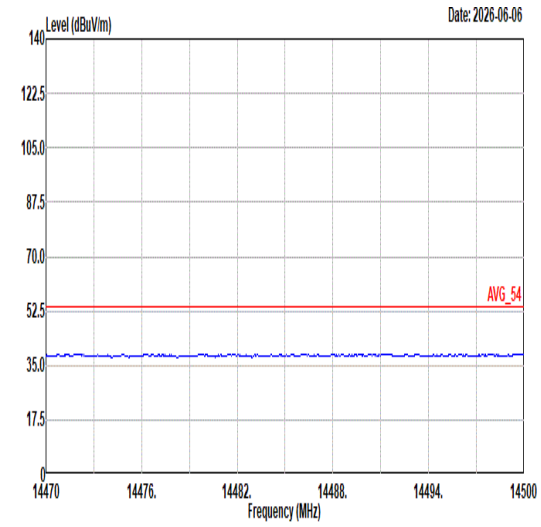
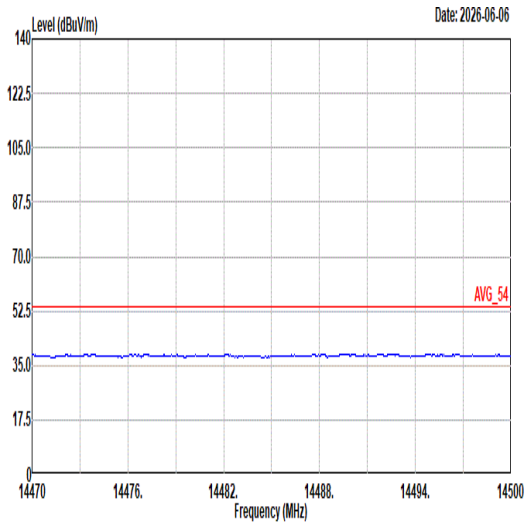
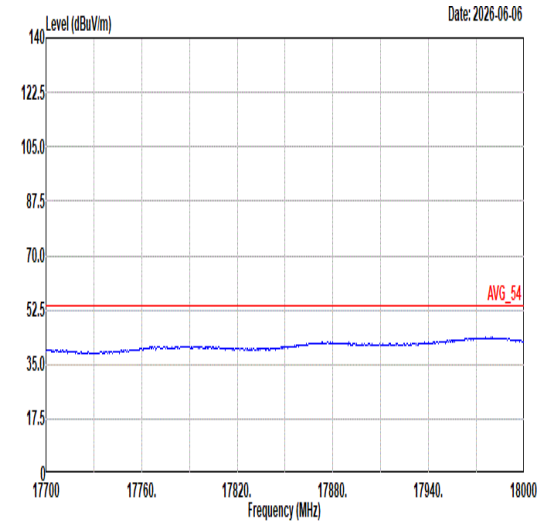
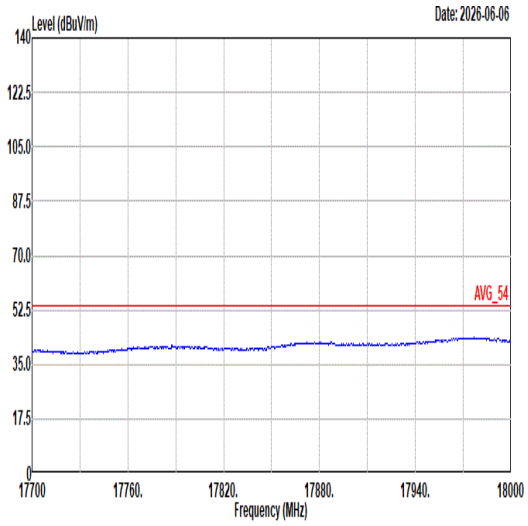
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 47.18 68.20 -21.02 47.71 38.76 15.94 55.82 0.59 -- -- Peak 2 15720.00 45.54 74.00 -28.46 43.09 38.10 19.25 55.23 0.33 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 47.48 68.20 -20.72 48.01 38.76 15.94 55.82 0.59 -- -- Peak 2 15720.00 46.01 74.00 -27.99 43.56 38.10 19.25 55.23 0.33 -- -- Peak

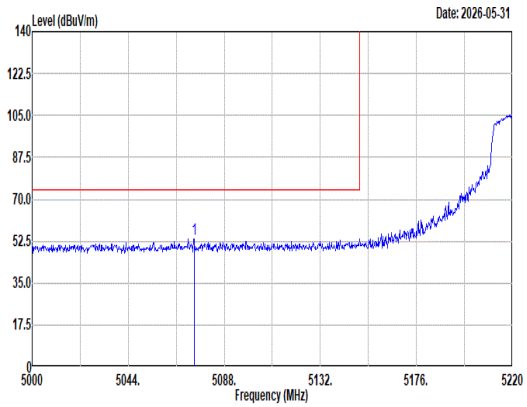
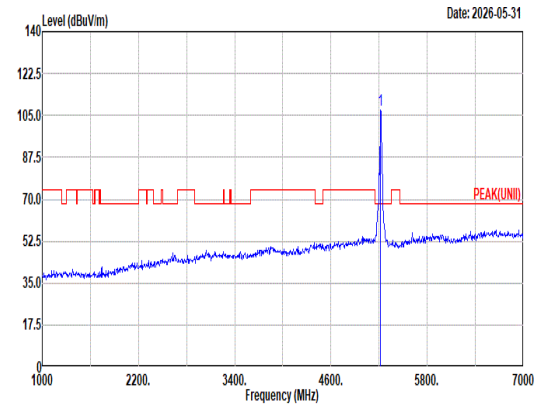
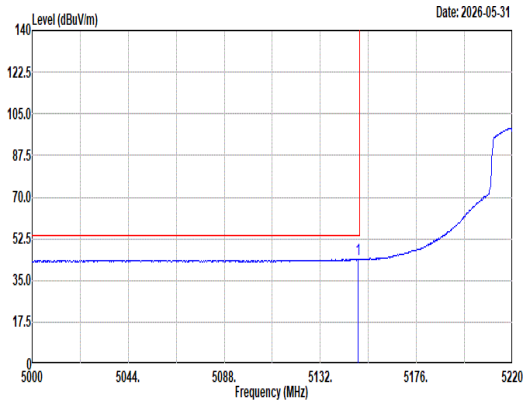
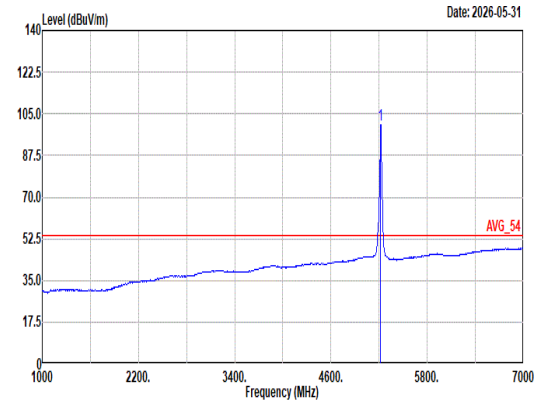
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

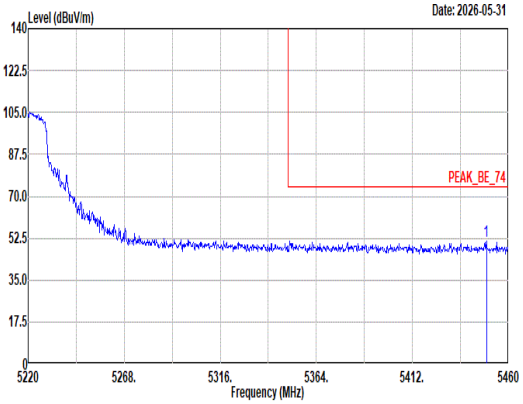
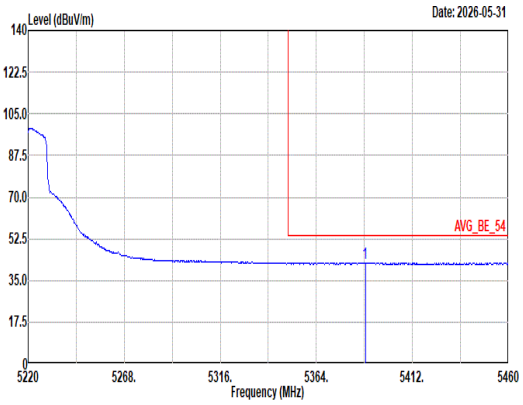
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.40 64.45 74.00 -9.55 54.63 33.30 10.16 33.64 0.00 100 269 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 105.72 ------ ------ 95.80 33.36 10.19 33.63 0.00 100 269 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.94 51.40 54.00 -2.60 41.58 33.30 10.16 33.64 0.00 100 269 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 98.32 ------ ------ 88.42 33.35 10.18 33.63 0.00 100 269 Average

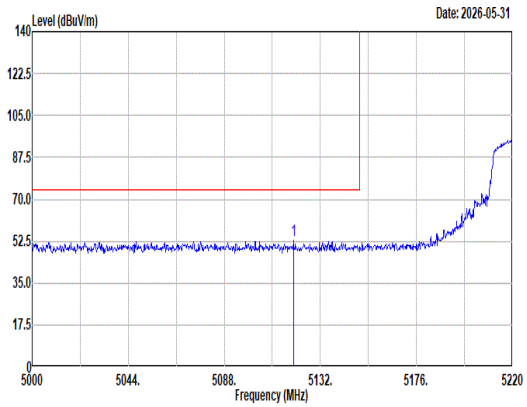
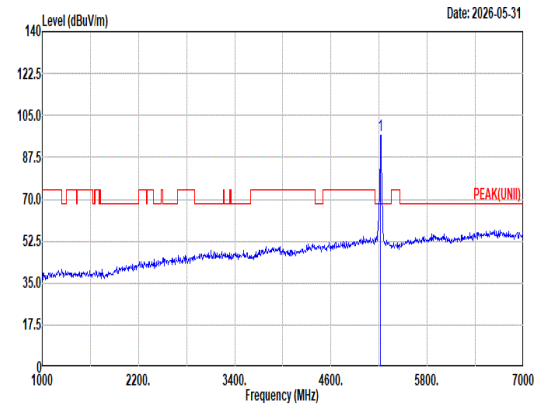
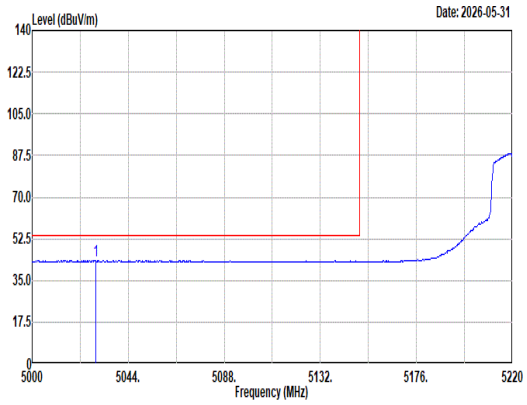
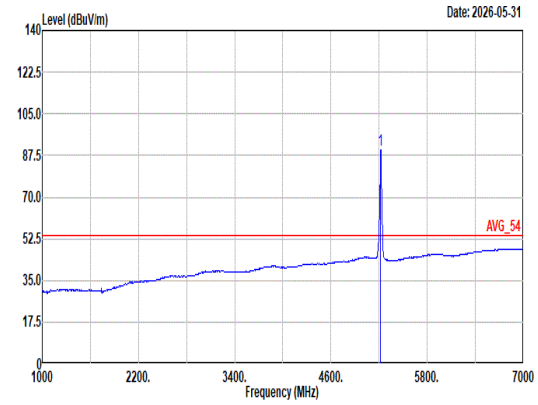
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.40 61.08 74.00 -12.92 51.26 33.30 10.16 33.64 0.00 100 85 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 100.22 ------ ------ 90.30 33.36 10.19 33.63 0.00 100 85 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.76 47.71 54.00 -6.29 37.89 33.30 10.16 33.64 0.00 100 85 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 94.16 ------ ------ 84.24 33.36 10.19 33.63 0.00 100 85 Average

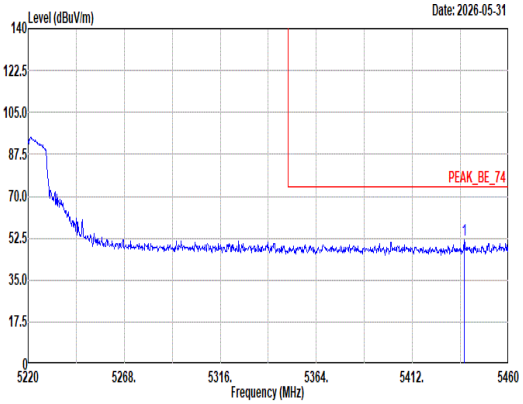
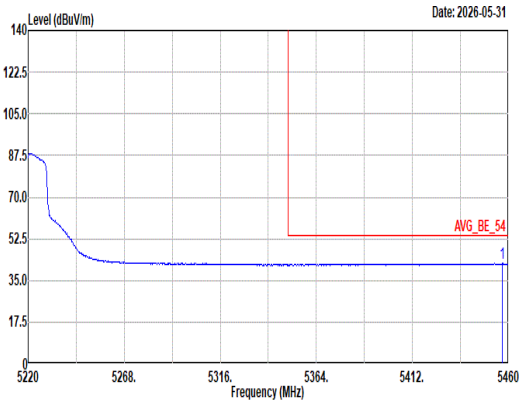
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 46.87 68.20 -21.33 47.57 38.78 15.82 55.89 0.59 -- -- Peak 2 15540.00 46.53 74.00 -27.47 43.63 38.60 19.24 55.28 0.34 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 47.04 68.20 -21.16 47.74 38.78 15.82 55.89 0.59 -- -- Peak 2 15540.00 46.66 74.00 -27.34 43.76 38.60 19.24 55.28 0.34 -- -- Peak

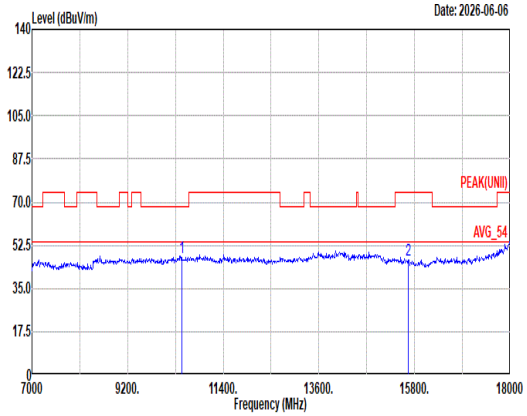
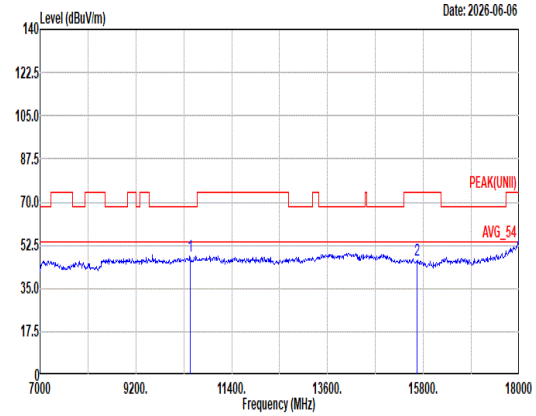
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

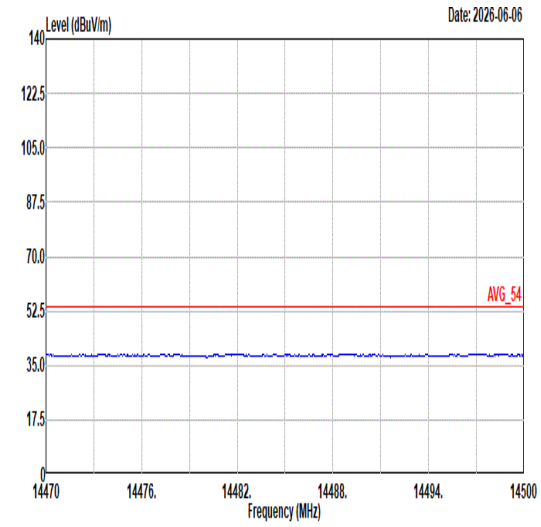
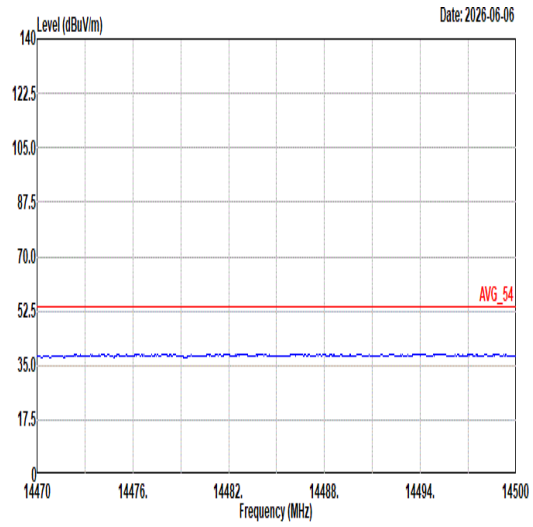
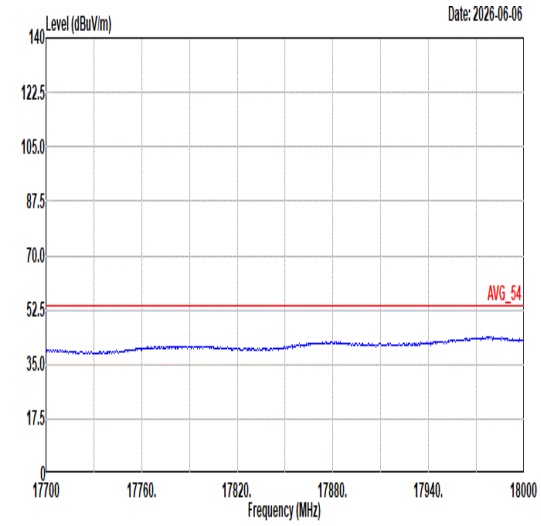
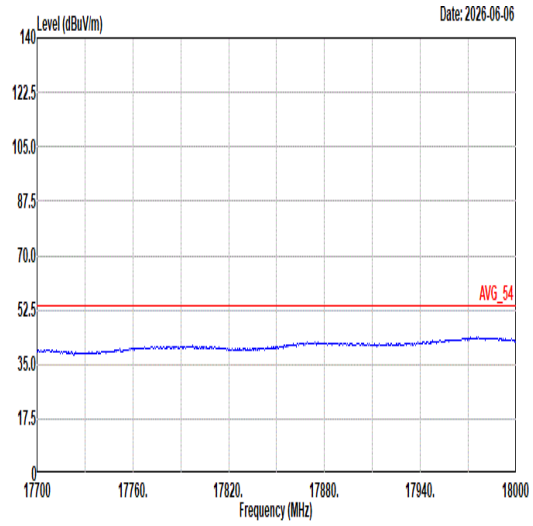
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5074.14 53.41 74.00 -20.59 43.62 33.36 10.08 33.65 0.00 100 267 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 107.27 ------ ------ 97.31 33.36 10.22 33.62 0.00 100 267 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.38 43.85 54.00 -10.15 34.03 33.30 10.16 33.64 0.00 100 267 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 100.47 ------ ------ 90.51 33.36 10.22 33.62 0.00 100 267 Average

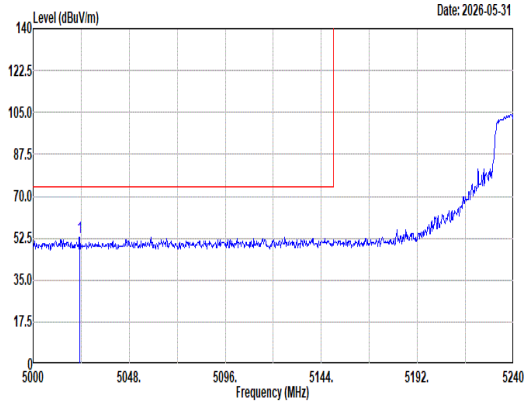
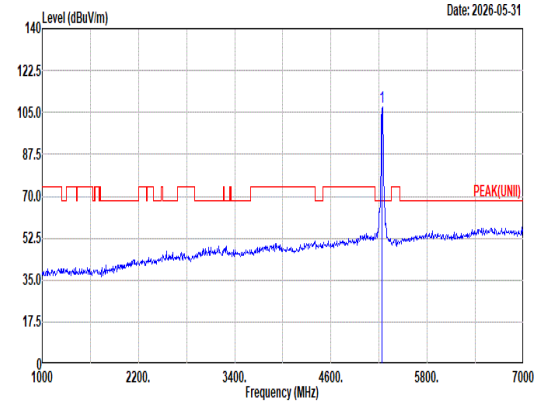
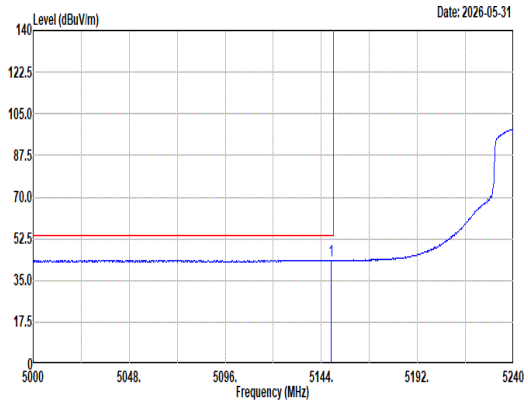
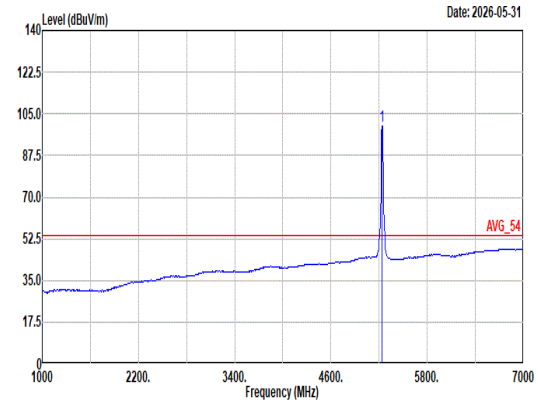
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5448.96 51.34 74.00 -22.66 41.26 33.20 10.45 33.57 0.00 100 267 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5388.48 42.42 54.00 -11.58 32.46 33.18 10.36 33.58 0.00 100 267 Average	Blank

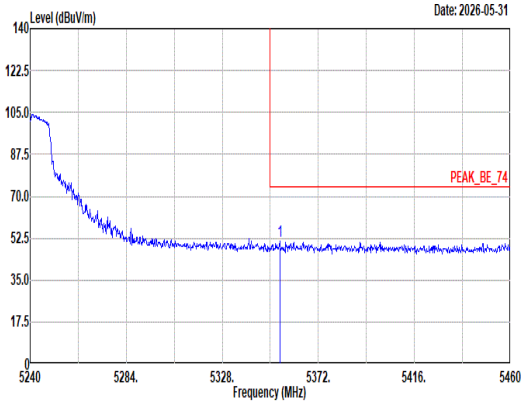
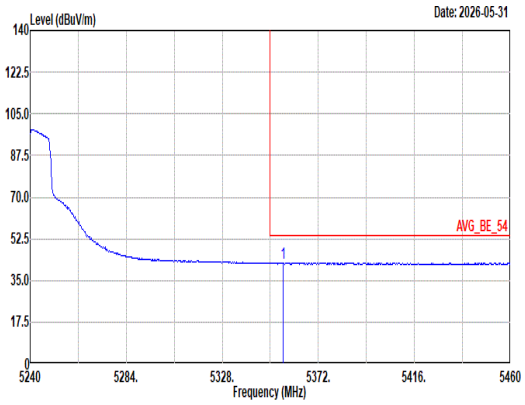
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5119.68 52.58 74.00 -21.42 42.85 33.24 10.13 33.64 0.00 108 0 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 96.83 ------ ------ 86.87 33.35 10.23 33.62 0.00 108 0 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5029.26 43.33 54.00 -10.67 33.42 33.54 10.03 33.66 0.00 108 0 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 89.85 ------ ------ 79.89 33.36 10.22 33.62 0.00 108 0 Average

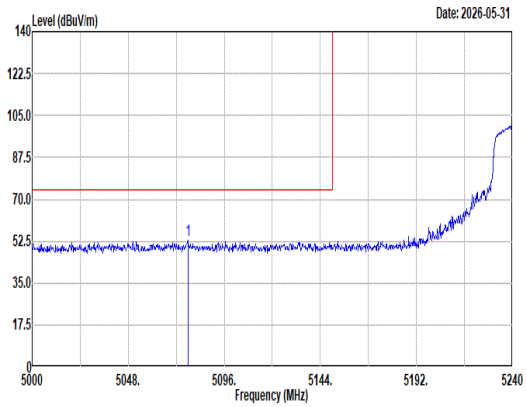
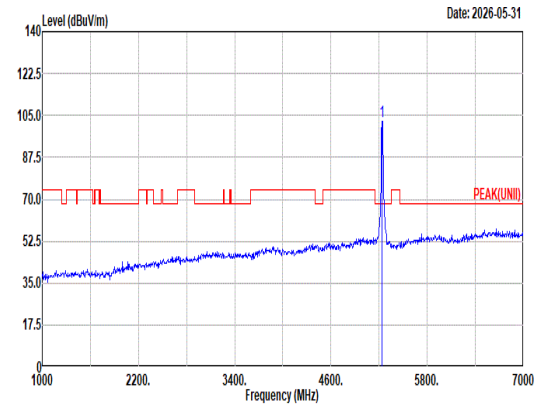
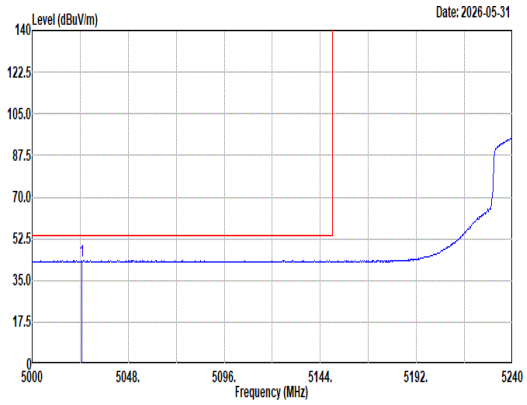
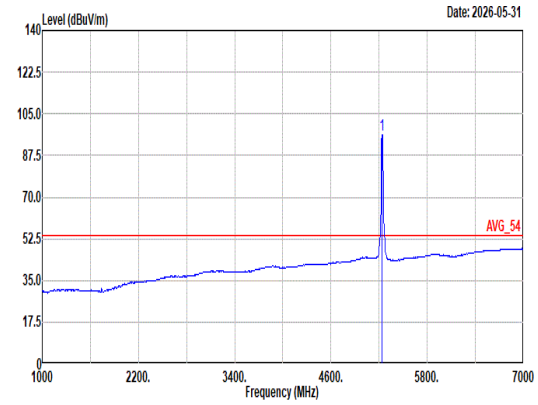
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5437.92 51.96 74.00 -22.04 41.90 33.20 10.43 33.57 0.00 108 0 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5456.88 42.17 54.00 -11.83 32.08 33.20 10.46 33.57 0.00 108 0 Average	Blank

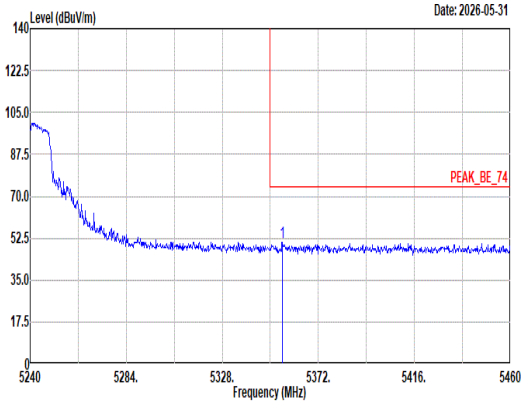
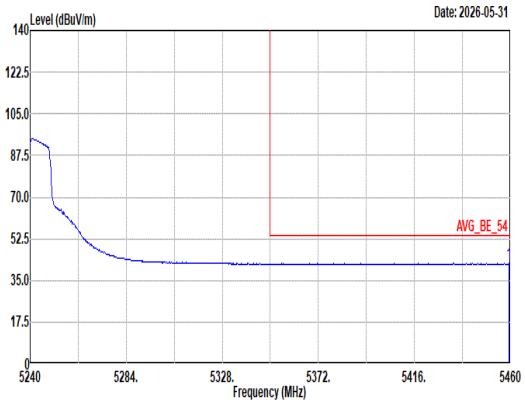
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 47.47 68.20 -20.73 48.12 38.70 15.90 55.84 0.59 -- -- Peak 2 15660.00 46.48 74.00 -27.52 43.97 38.18 19.25 55.25 0.33 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 47.98 68.20 -20.22 48.63 38.70 15.90 55.84 0.59 -- -- Peak 2 15660.00 46.42 74.00 -27.58 43.91 38.18 19.25 55.25 0.33 -- -- Peak

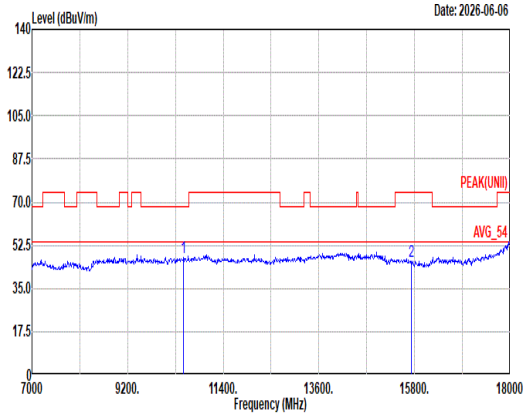
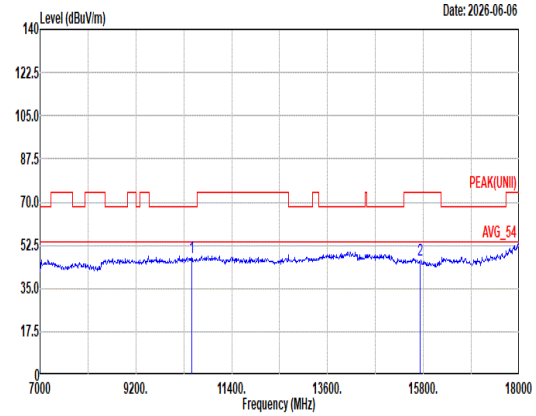
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

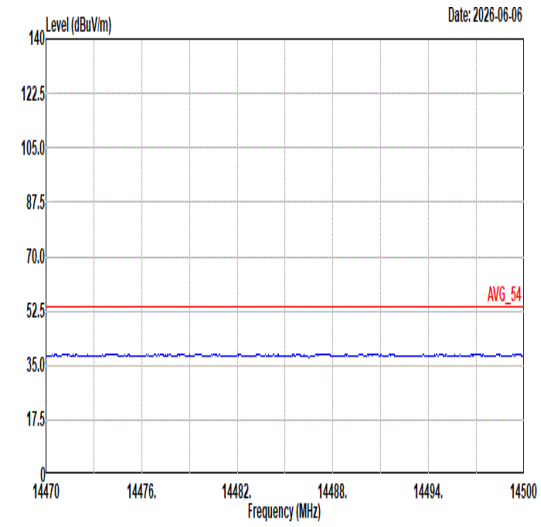
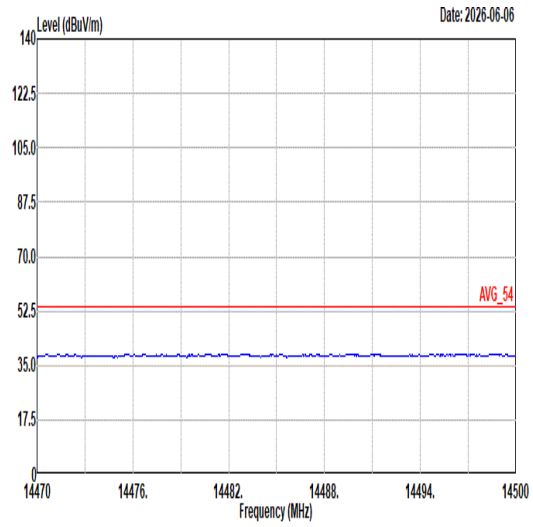
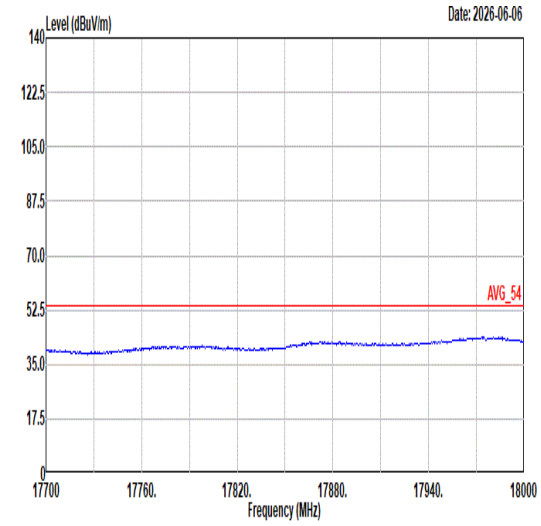
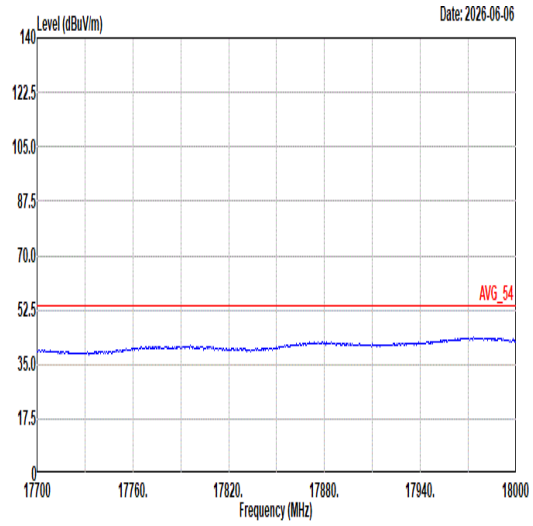
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5023.28 53.06 74.00 -20.94 43.15 33.55 10.02 33.66 0.00 100 266 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 107.09 ------ ------ 97.15 33.32 10.24 33.62 0.00 100 266 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.04 43.48 54.00 -10.52 33.66 33.30 10.16 33.64 0.00 100 266 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 99.84 ------ ------ 89.89 33.33 10.24 33.62 0.00 100 266 Average

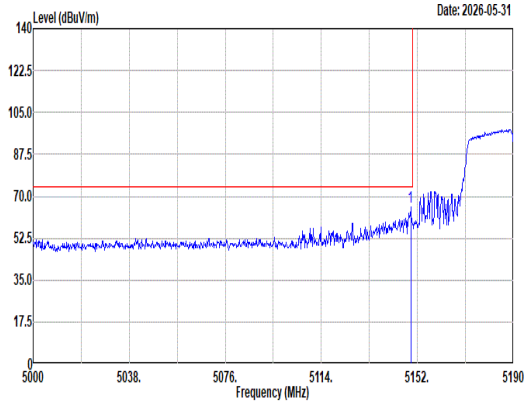
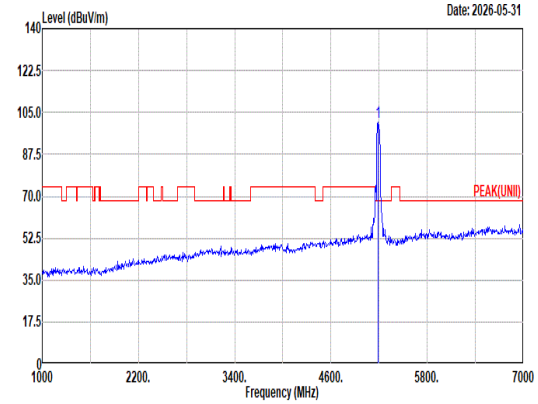
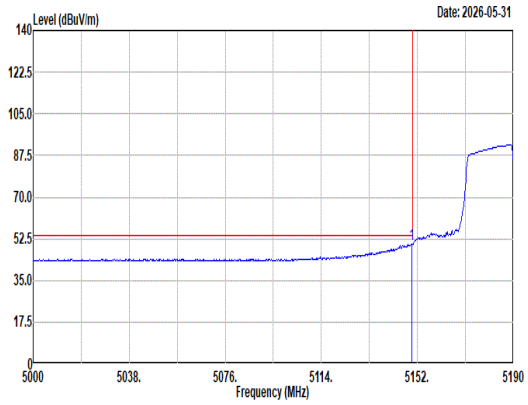
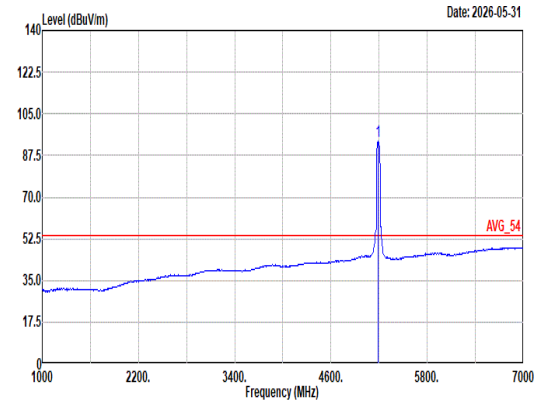
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5354.40 51.04 74.00 -22.96 41.19 33.11 10.33 33.59 0.00 100 266 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5355.94 42.46 54.00 -11.54 32.61 33.11 10.33 33.59 0.00 100 266 Average	Blank

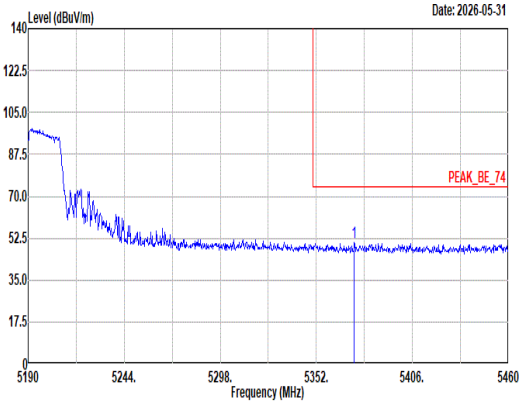
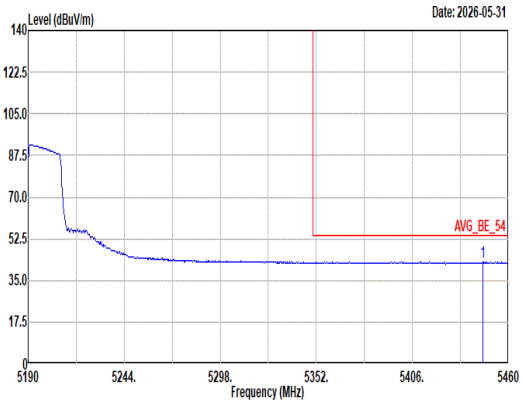
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5077.76 52.78 74.00 -21.22 43.02 33.33 10.08 33.65 0.00 118 86 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 102.75 ------ ------ 92.81 33.32 10.24 33.62 0.00 118 86 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5024.72 43.34 54.00 -10.66 33.42 33.55 10.03 33.66 0.00 118 86 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 95.92 ------ ------ 85.97 33.33 10.24 33.62 0.00 118 86 Average

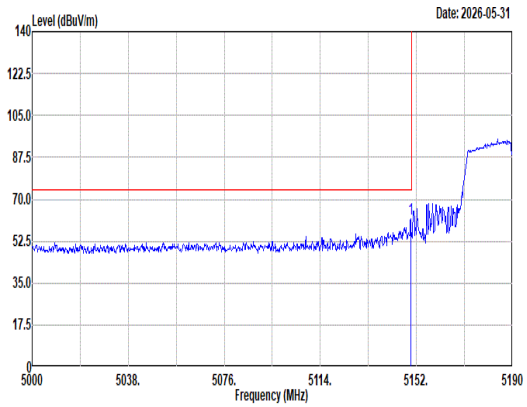
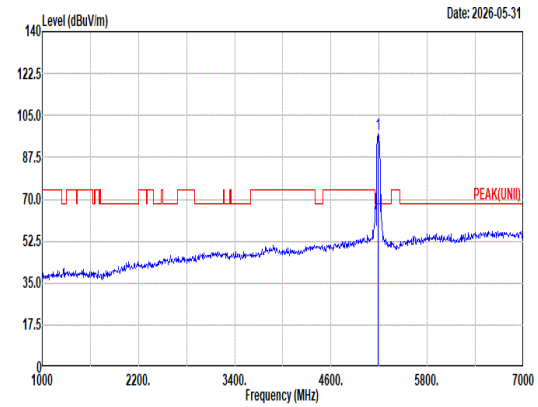
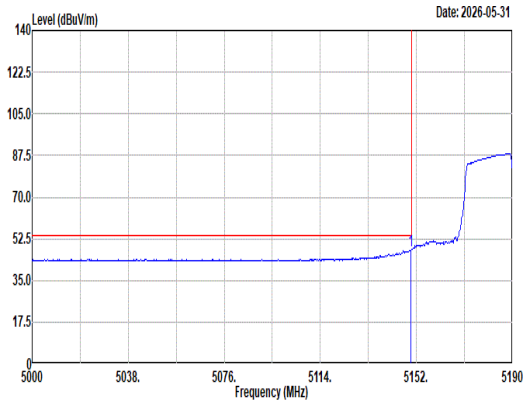
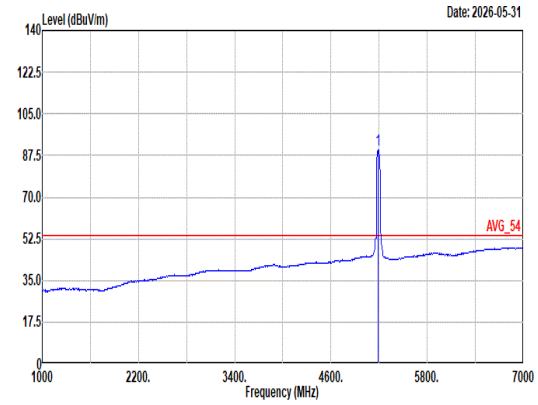
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5355.50 50.71 74.00 -23.29 40.86 33.11 10.33 33.59 0.00 118 86 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5459.34 42.21 54.00 -11.79 32.12 33.20 10.46 33.57 0.00 118 86 Average	Blank

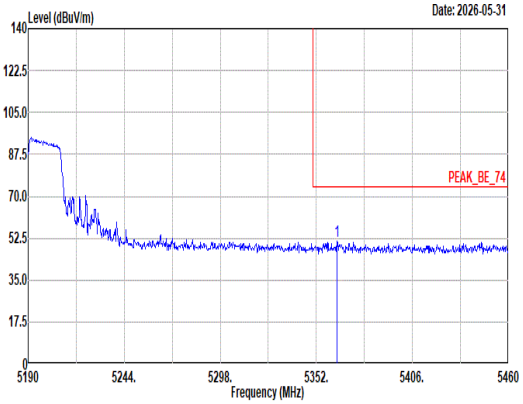
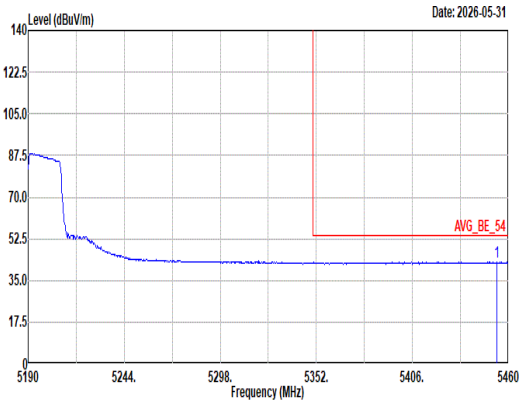
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 47.33 68.20 -20.87 47.86 38.76 15.94 55.82 0.59 -- -- Peak 2 15720.00 46.18 74.00 -27.82 43.73 38.10 19.25 55.23 0.33 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 47.64 68.20 -20.56 48.17 38.76 15.94 55.82 0.59 -- -- Peak 2 15720.00 46.27 74.00 -27.73 43.82 38.10 19.25 55.23 0.33 -- -- Peak

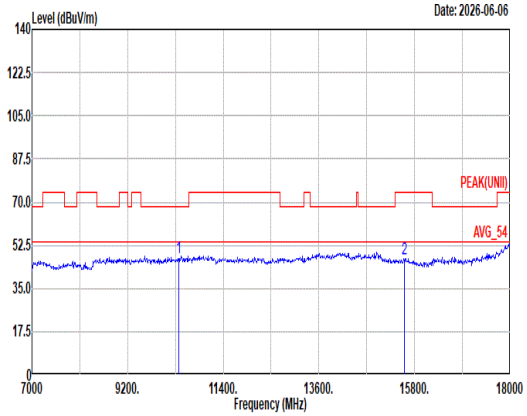
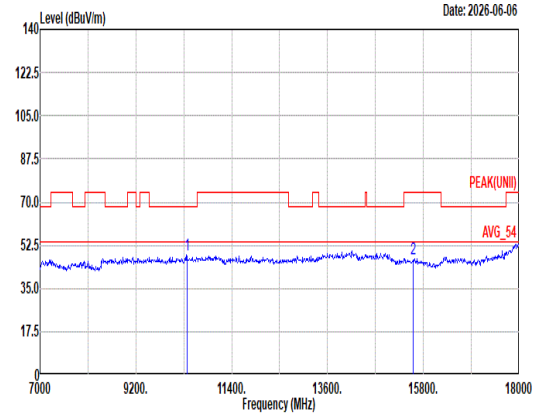
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

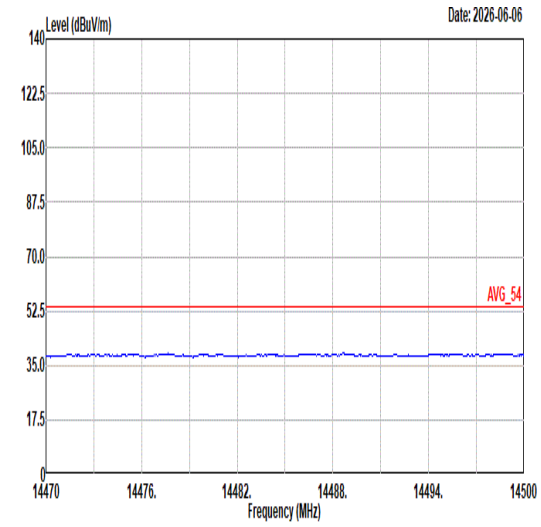
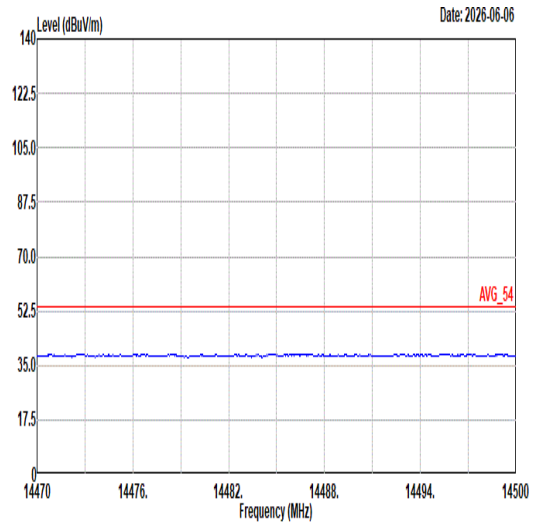
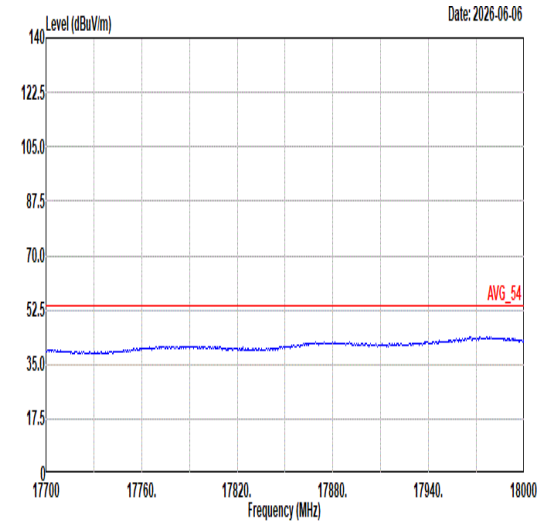
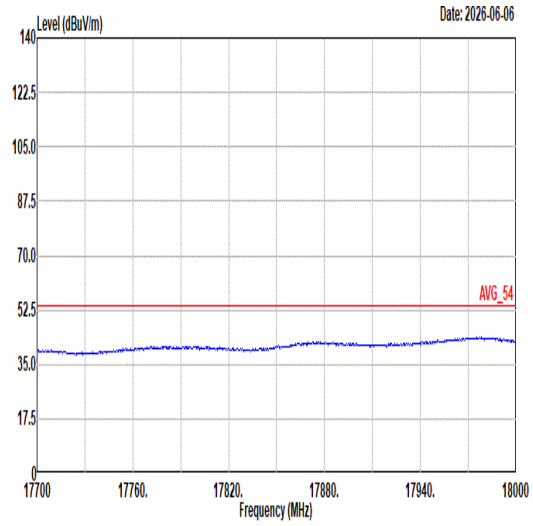
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.34 65.35 74.00 -8.65 55.53 33.30 10.16 33.64 0.00 100 271 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 100.78 ------ ------ 90.83 33.38 10.20 33.63 0.00 100 271 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.72 50.45 54.00 -3.55 40.63 33.30 10.16 33.64 0.00 100 271 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 93.38 ------ ------ 83.43 33.38 10.20 33.63 0.00 100 271 Average

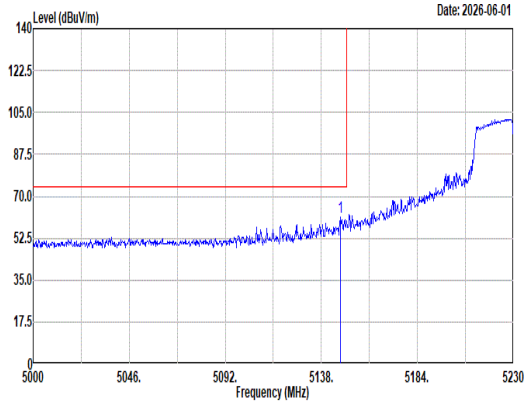
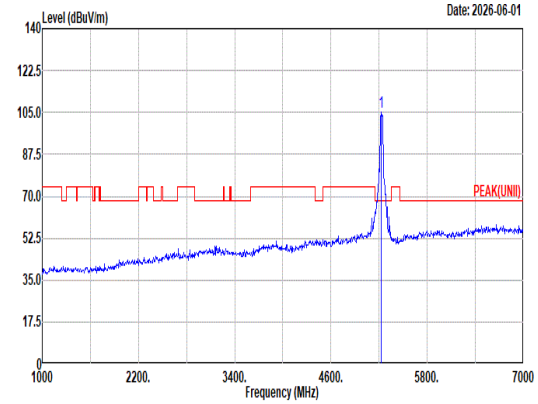
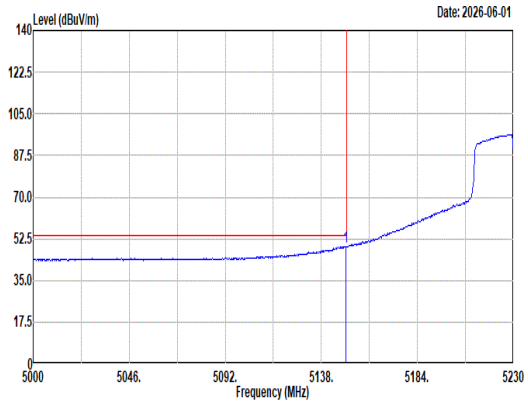
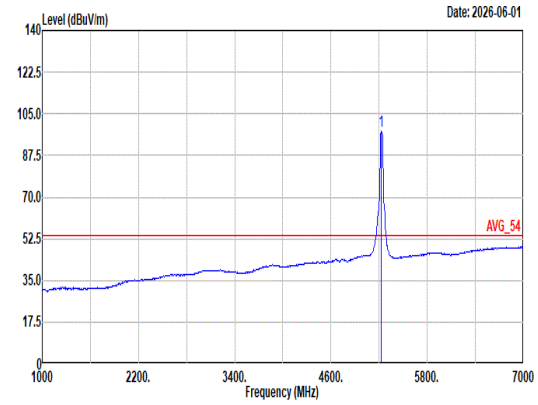
Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5373.33 50.87 74.00 -23.13 40.96 33.15 10.35 33.59 0.00 100 271 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5445.42 42.82 54.00 -11.18 32.75 33.20 10.44 33.57 0.00 100 271 Average	Blank

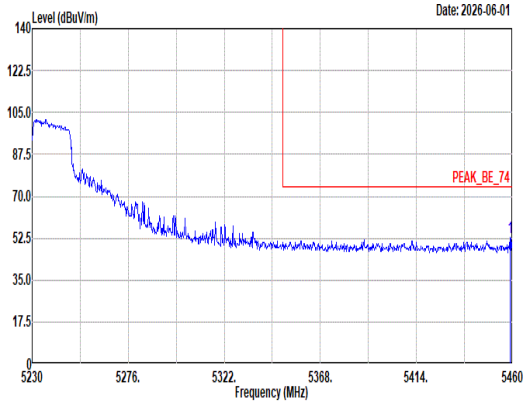
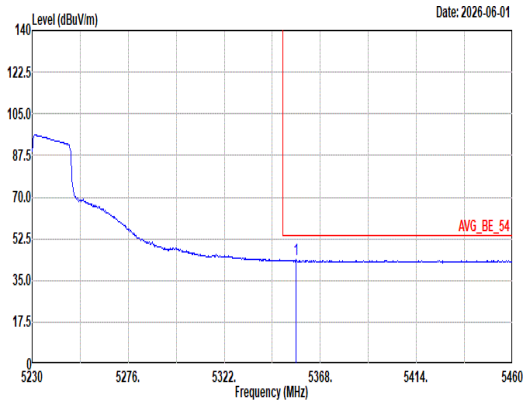
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.72 61.80 74.00 -12.20 51.98 33.30 10.16 33.64 0.00 100 92 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 97.16 ------ ------ 87.21 33.38 10.20 33.63 0.00 100 92 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.91 47.64 54.00 -6.36 37.82 33.30 10.16 33.64 0.00 100 92 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 89.67 ------ ------ 79.72 33.38 10.20 33.63 0.00 100 92 Average

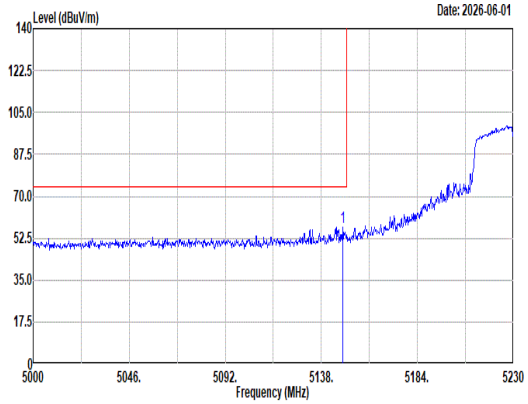
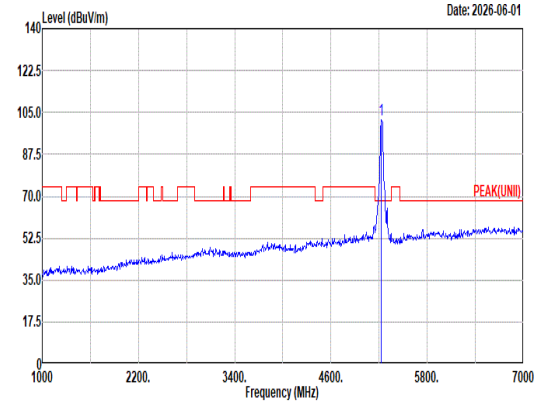
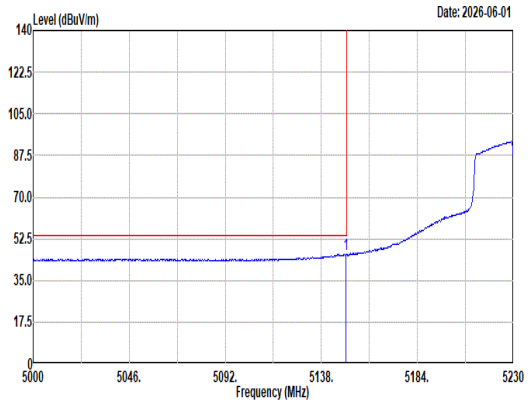
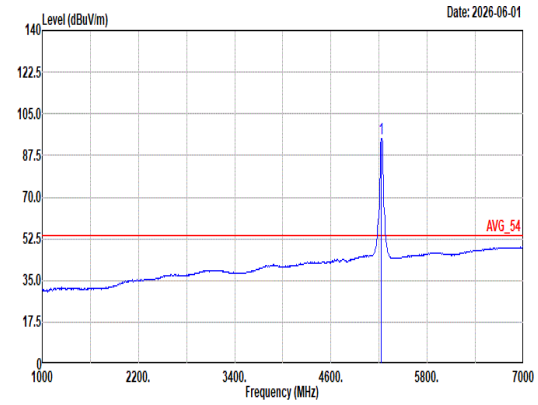
Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5363.61 51.13 74.00 -22.87 41.25 33.13 10.34 33.59 0.00 100 92 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5453.52 42.79 54.00 -11.21 32.70 33.20 10.46 33.57 0.00 100 92 Average	Blank

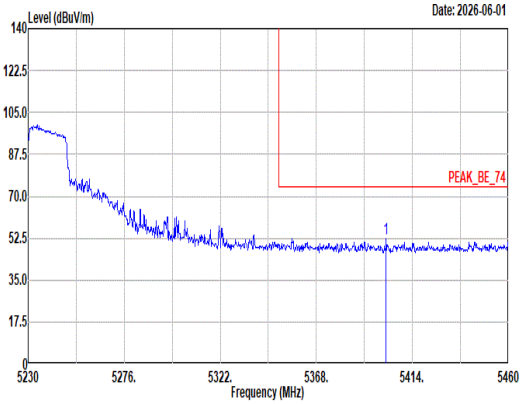
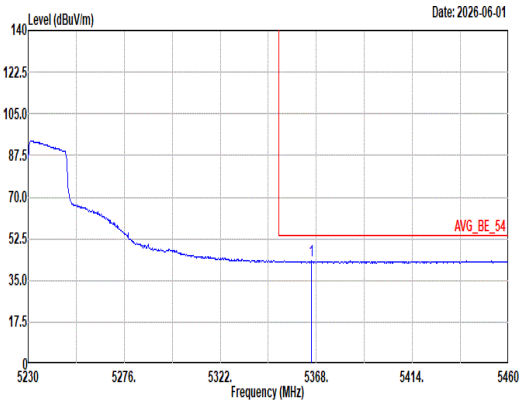
Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10380.00 47.52 68.20 -20.68 48.22 38.74 15.84 55.87 0.59 -- -- Peak 2 15570.00 47.01 74.00 -26.99 44.10 38.60 19.24 55.27 0.34 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10380.00 48.42 68.20 -19.78 49.12 38.74 15.84 55.87 0.59 -- -- Peak 2 15570.00 46.99 74.00 -27.01 44.08 38.60 19.24 55.27 0.34 -- -- Peak

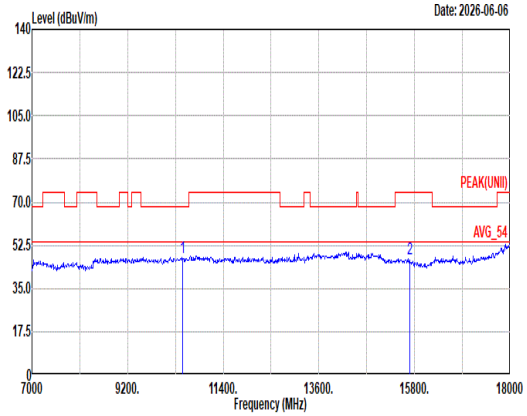
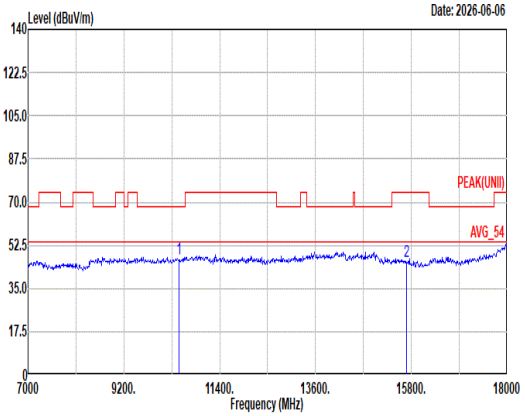
Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

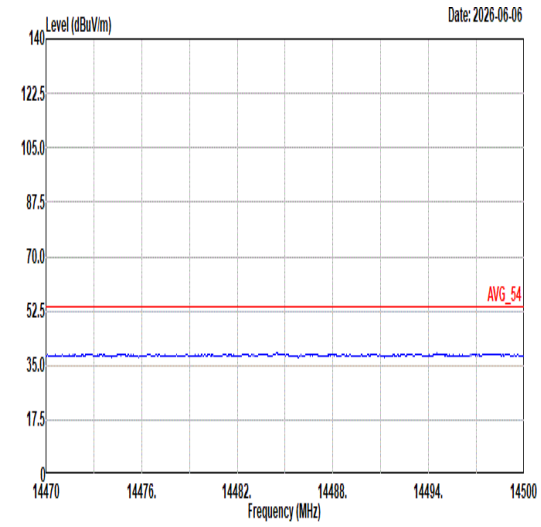
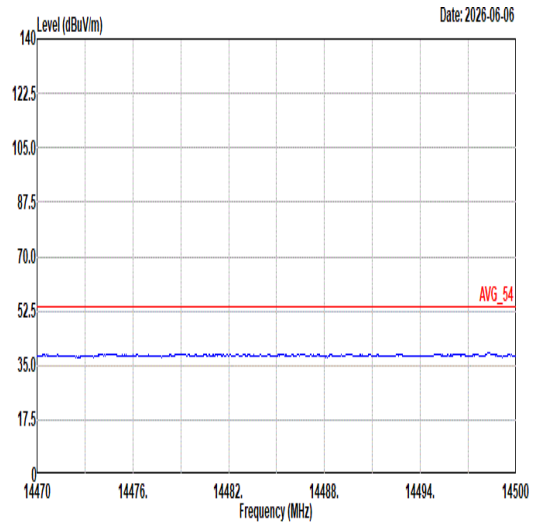
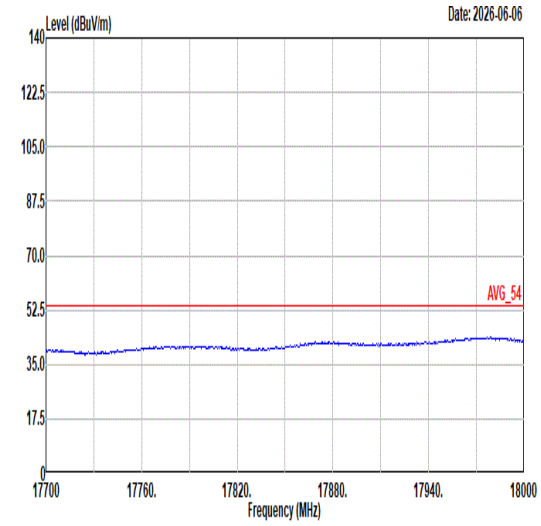
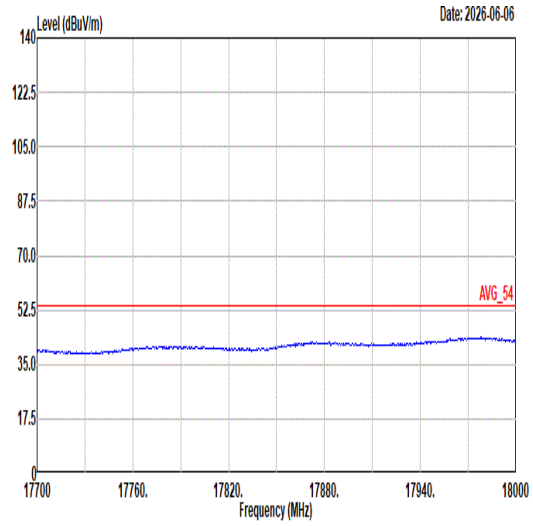
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5147.20 61.33 74.00 -12.67 51.53 33.29 10.15 33.64 0.00 104 219 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 105.06 ------ ------ 95.11 33.34 10.23 33.62 0.00 104 219 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.73 49.33 54.00 -4.67 39.51 33.30 10.16 33.64 0.00 104 219 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 97.54 ------ ------ 87.59 33.34 10.23 33.62 0.00 104 219 Average

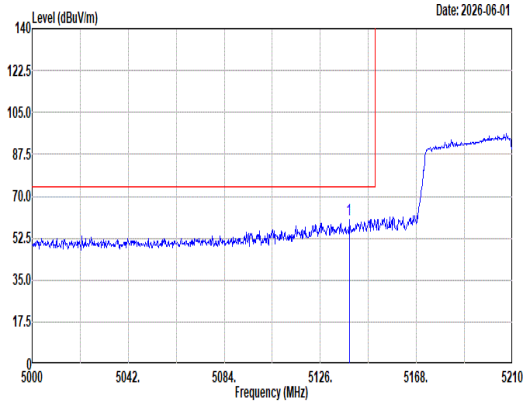
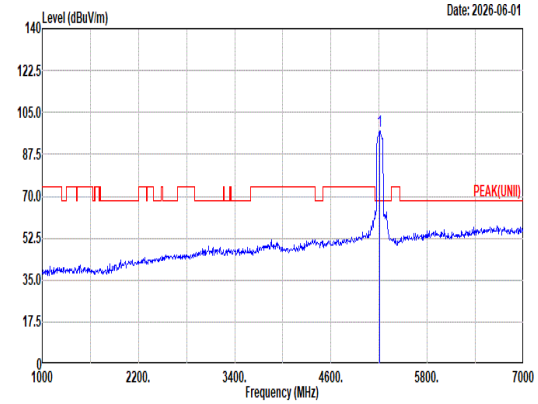
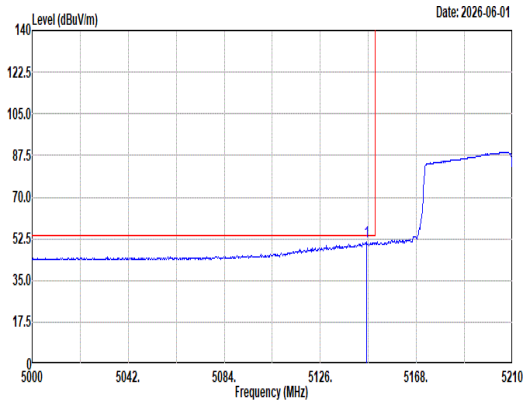
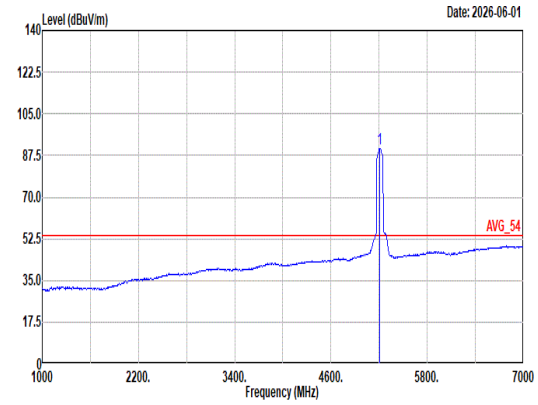
Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.85 52.69 74.00 -21.31 42.60 33.20 10.46 33.57 0.00 104 219 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5356.27 43.77 54.00 -10.23 33.91 33.11 10.34 33.59 0.00 104 219 Average	Blank

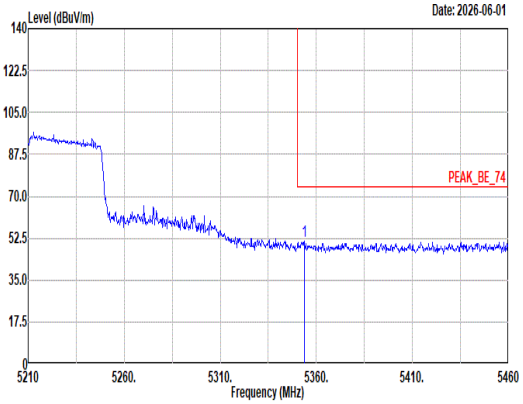
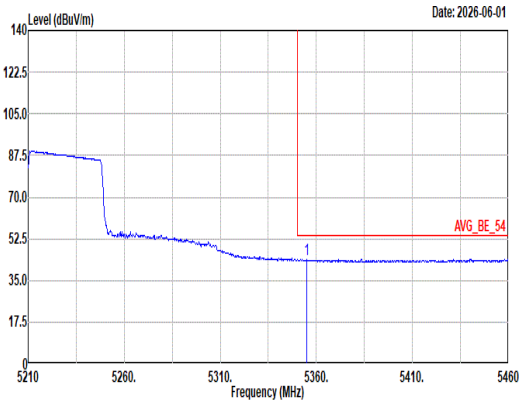
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.35 56.97 74.00 -17.03 47.15 33.30 10.16 33.64 0.00 114 91 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 101.82 ------ ------ 91.87 33.34 10.23 33.62 0.00 114 91 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.73 45.87 54.00 -8.13 36.05 33.30 10.16 33.64 0.00 114 91 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 94.80 ------ ------ 84.85 33.34 10.23 33.62 0.00 114 91 Average

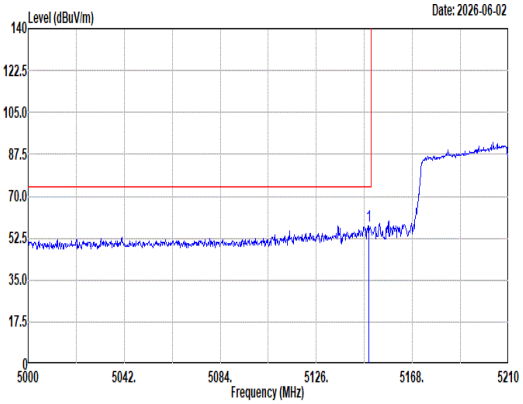
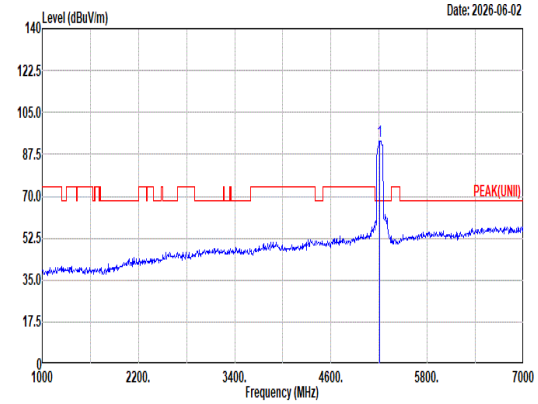
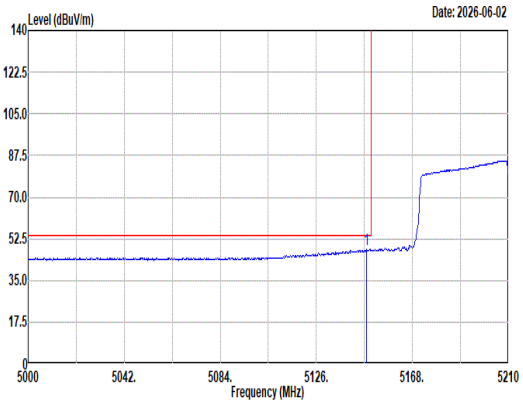
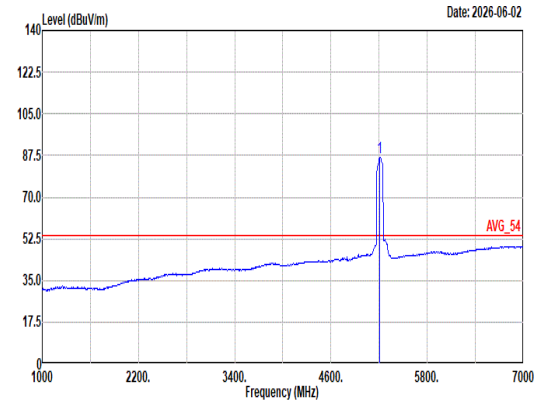
Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5401.35 52.29 74.00 -21.71 42.30 33.20 10.37 33.58 0.00 114 91 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5365.47 43.15 54.00 -10.85 33.27 33.13 10.34 33.59 0.00 114 91 Average	Blank

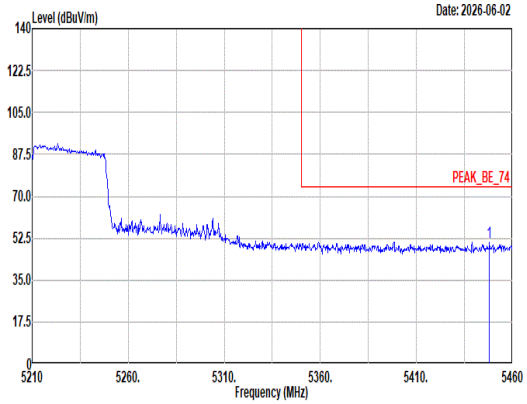
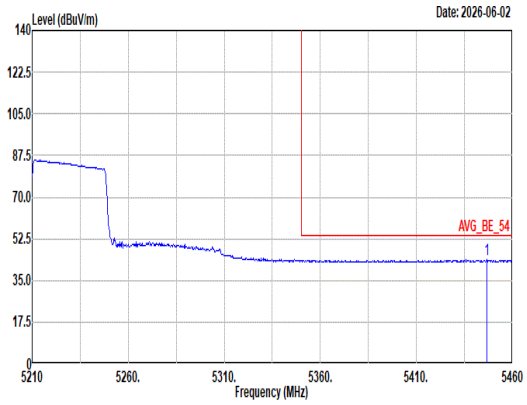
Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10460.00 47.29 68.20 -20.91 47.89 38.72 15.92 55.83 0.59 -- -- Peak 2 15690.00 46.79 74.00 -27.21 44.33 38.12 19.25 55.24 0.33 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10460.00 46.94 68.20 -21.26 47.54 38.72 15.92 55.83 0.59 -- -- Peak 2 15690.00 45.95 74.00 -28.05 43.49 38.12 19.25 55.24 0.33 -- -- Peak

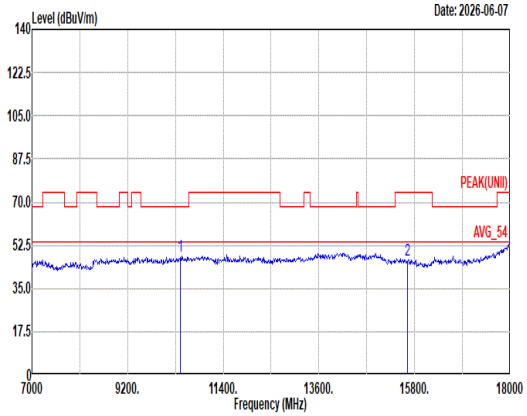
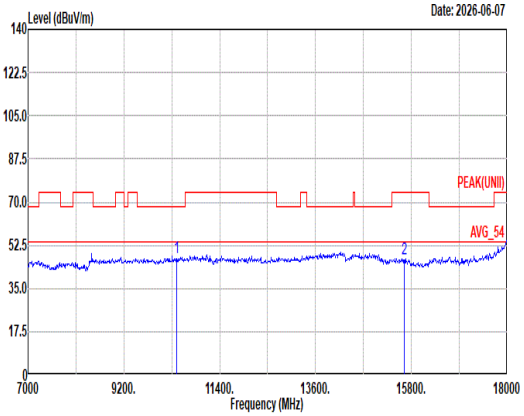
Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

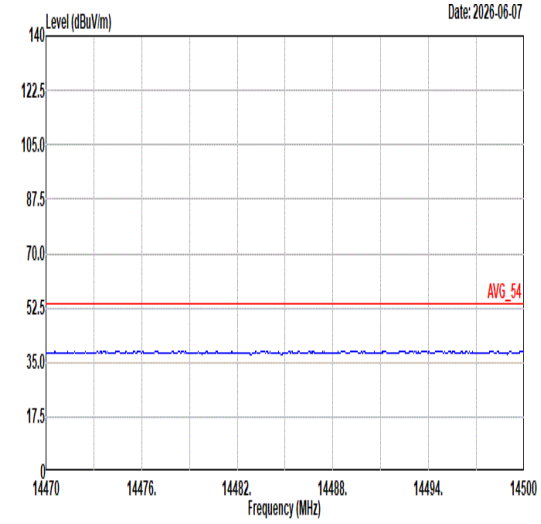
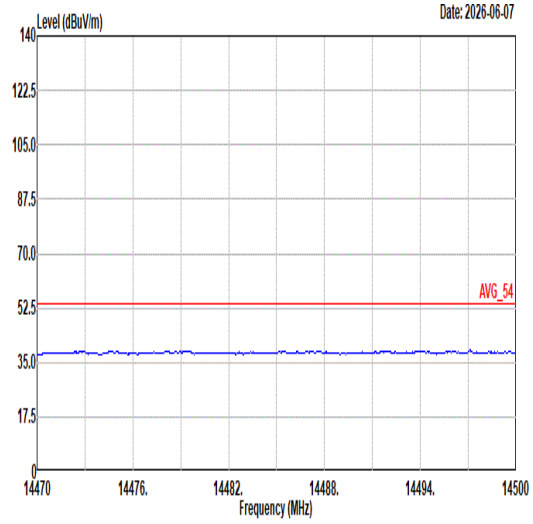
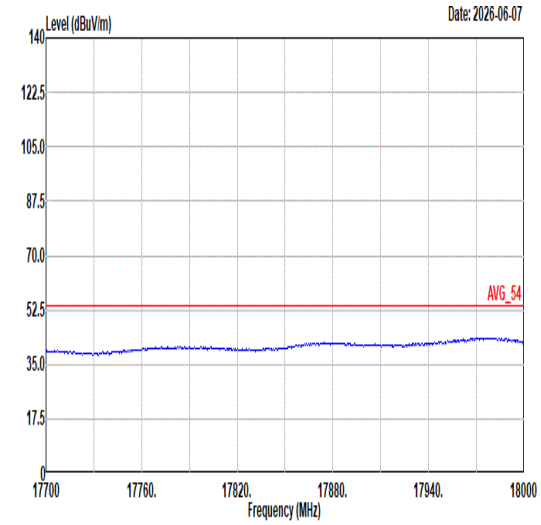
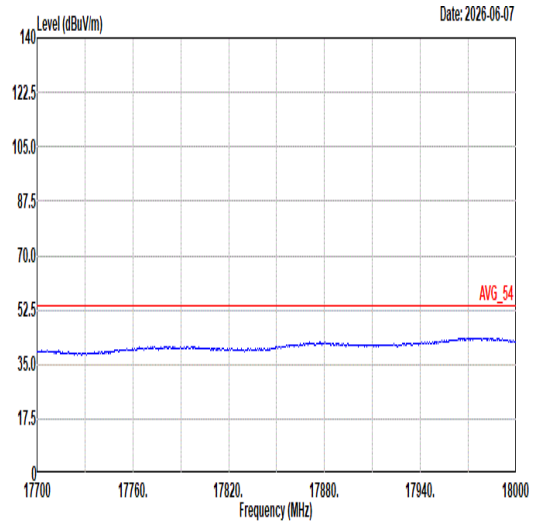
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5138.60 60.48 74.00 -13.52 50.69 33.28 10.15 33.64 0.00 100 221 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 97.15 ------ ------ 87.17 33.39 10.21 33.62 0.00 100 221 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3.300kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5146.16 51.07 54.00 -2.93 41.27 33.29 10.15 33.64 0.00 100 221 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3.300kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 90.59 ------ ------ 80.61 33.39 10.21 33.62 0.00 100 221 Average

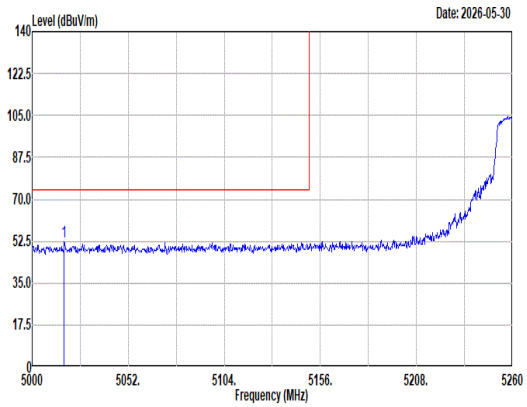
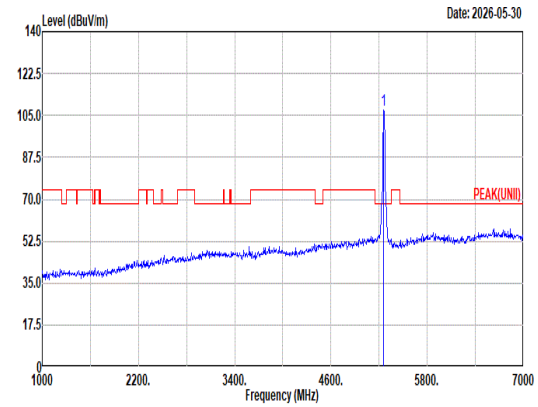
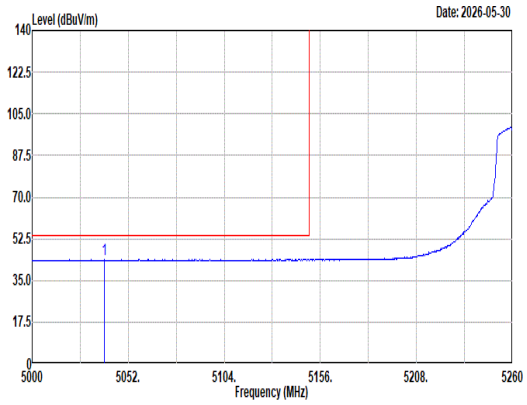
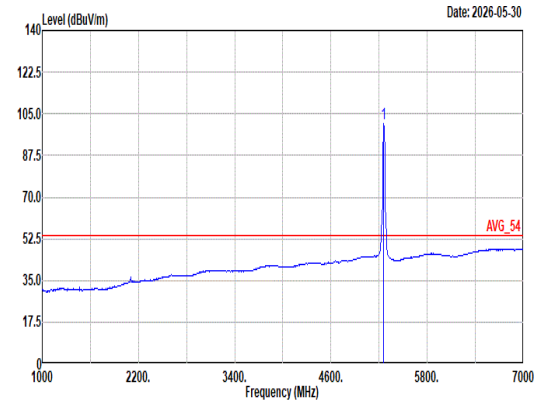
Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.75 51.20 74.00 -22.80 41.35 33.11 10.33 33.59 0.00 100 221 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3.300kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5355.00 43.92 54.00 -10.08 34.07 33.11 10.33 33.59 0.00 100 221 Average	Blank

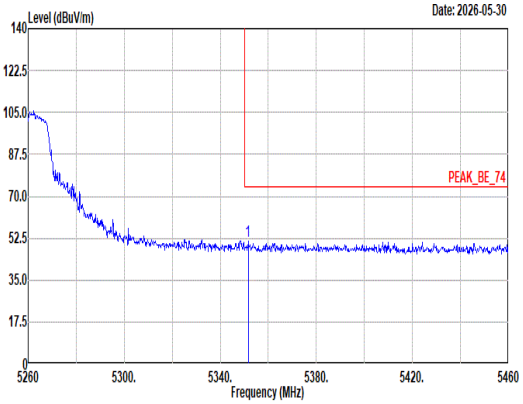
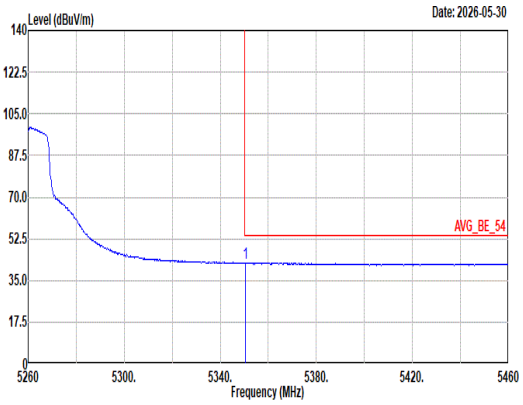
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.10 57.83 74.00 -16.17 48.01 33.30 10.16 33.64 0.00 100 91 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 93.14 ------ ------ 83.16 33.38 10.22 33.62 0.00 100 91 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3.300kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5147.84 48.09 54.00 -5.91 38.27 33.30 10.16 33.64 0.00 100 91 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3.300kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 86.73 ------ ------ 76.75 33.38 10.22 33.62 0.00 100 91 Average

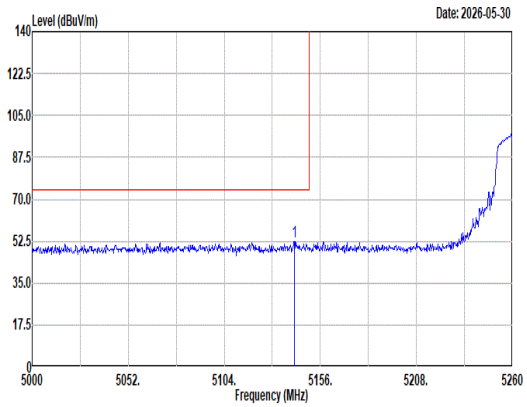
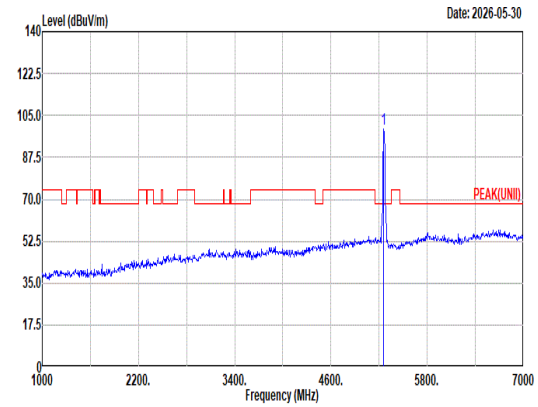
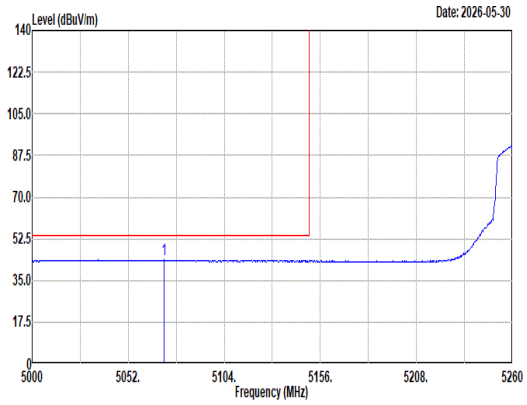
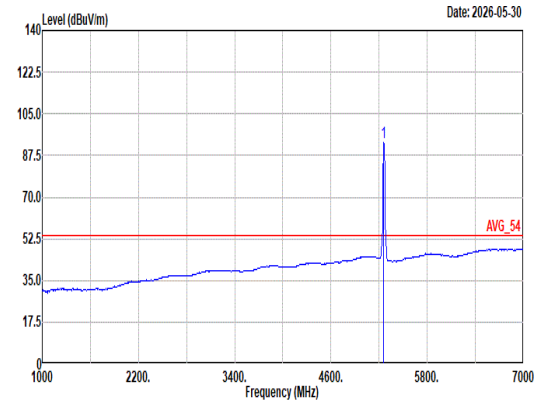
Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5448.00 50.85 74.00 -23.15 40.77 33.20 10.45 33.57 0.00 100 91 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3.300kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5446.75 43.93 54.00 -10.07 33.86 33.20 10.44 33.57 0.00 100 91 Average	Blank

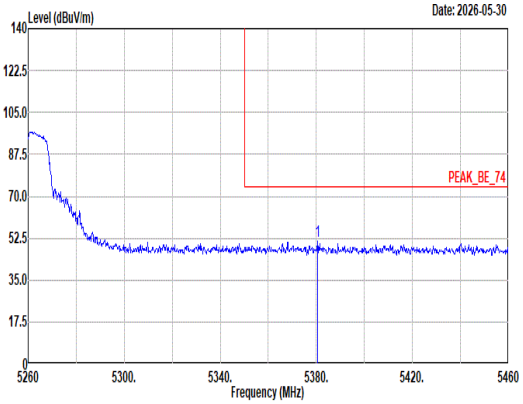
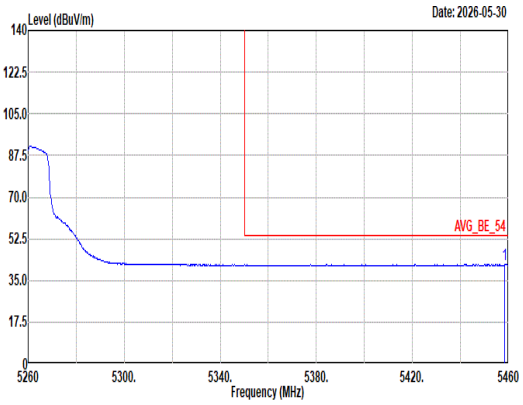
Mode	9	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10420.00 48.11 68.20 -20.09 48.79 38.70 15.88 55.85 0.59 -- -- Peak 2 15630.00 46.54 74.00 -27.46 43.85 38.36 19.25 55.26 0.34 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10420.00 47.29 68.20 -20.91 47.97 38.70 15.88 55.85 0.59 -- -- Peak 2 15630.00 47.27 74.00 -26.73 44.58 38.36 19.25 55.26 0.34 -- -- Peak

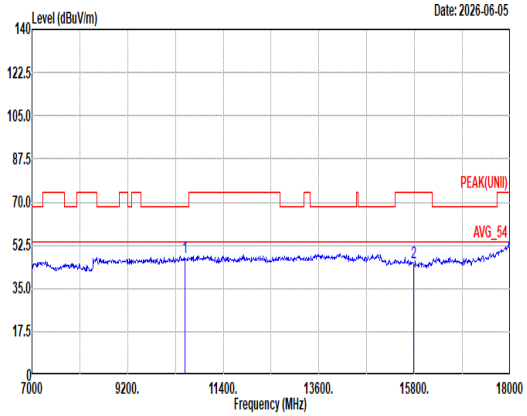
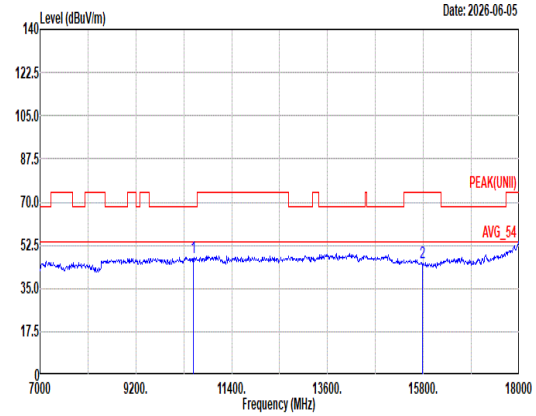
Mode	9	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

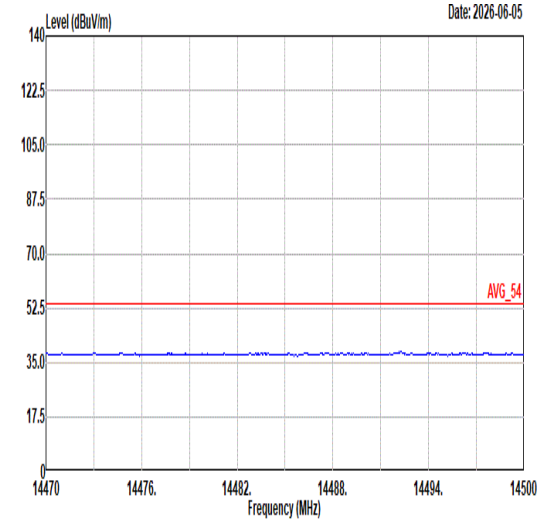
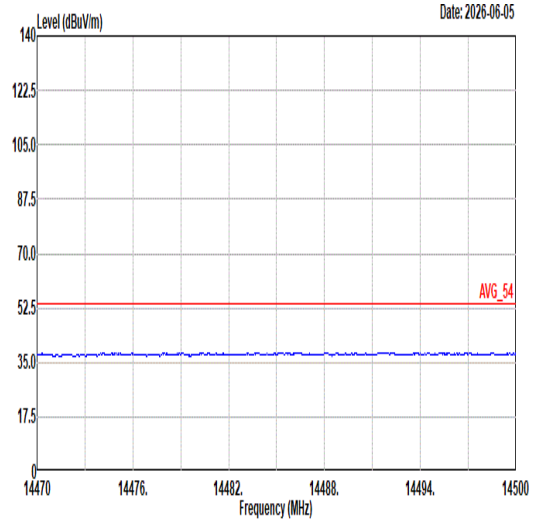
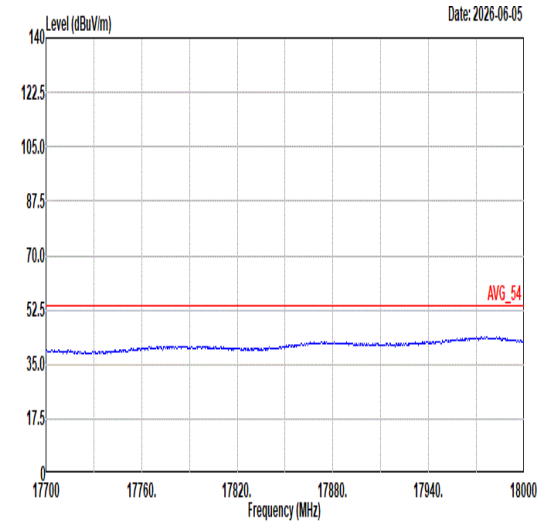
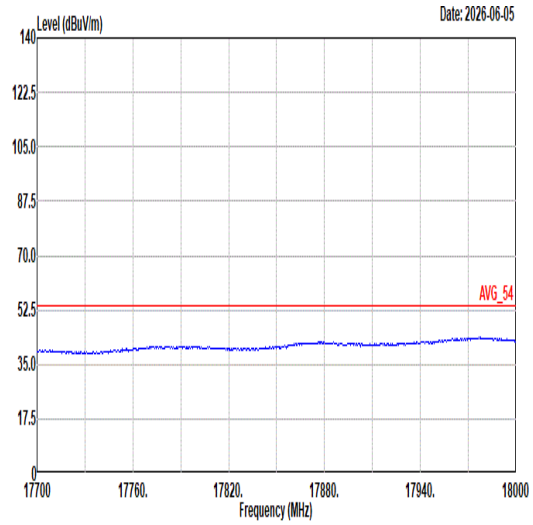
Mode	10	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5017.42 52.24 74.00 -21.76 42.32 33.57 10.02 33.67 0.00 100 266 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 107.14 ------ ------ 97.23 33.26 10.26 33.61 0.00 100 266 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5039.00 43.99 54.00 -10.01 34.09 33.52 10.04 33.66 0.00 100 266 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 100.65 ------ ------ 90.74 33.26 10.26 33.61 0.00 100 266 Average

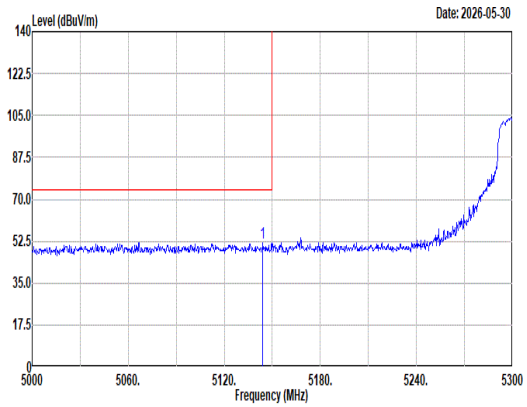
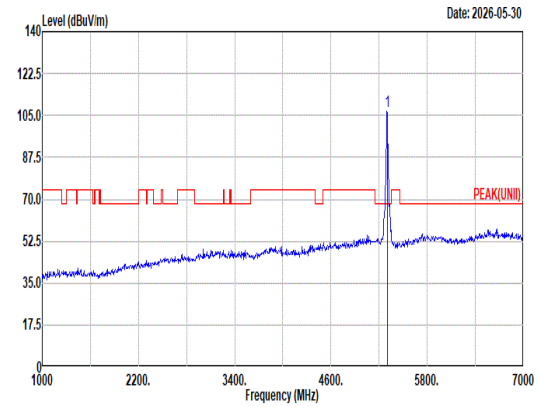
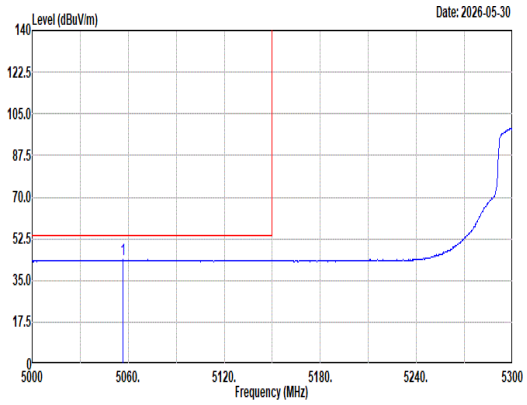
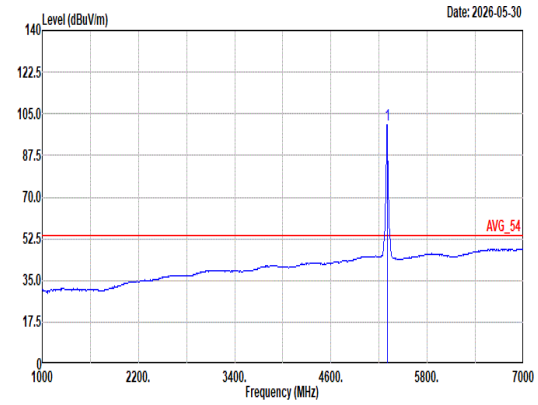
Mode	10	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.60 51.12 74.00 -22.88 41.28 33.10 10.33 33.59 0.00 100 266 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.40 42.44 54.00 -11.56 32.60 33.10 10.33 33.59 0.00 100 266 Average	Blank

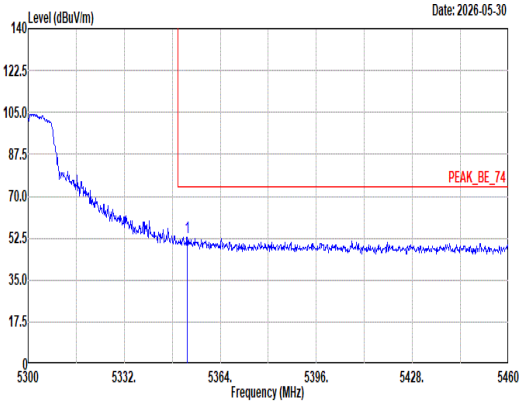
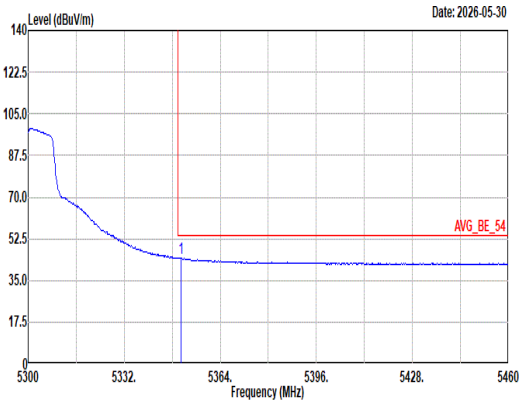
Mode	10	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5141.96 52.40 74.00 -21.60 42.61 33.28 10.15 33.64 0.00 349 0 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 99.19 ------ ------ 89.28 33.26 10.26 33.61 0.00 349 0 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5071.24 43.63 54.00 -10.37 33.84 33.37 10.07 33.65 0.00 349 0 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 93.01 ------ ------ 83.10 33.26 10.26 33.61 0.00 349 0 Average

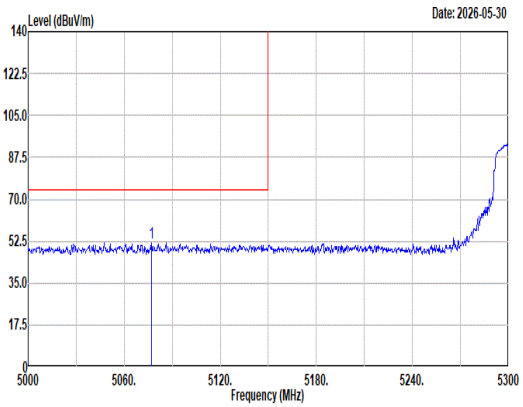
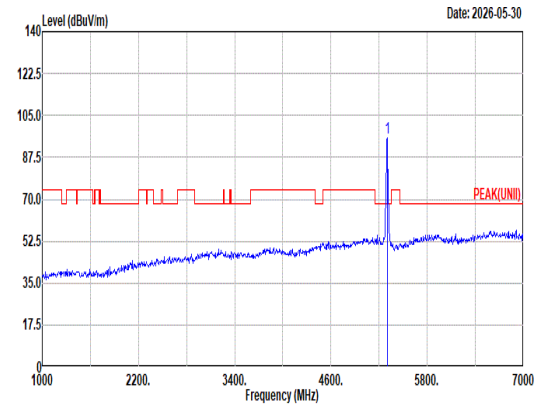
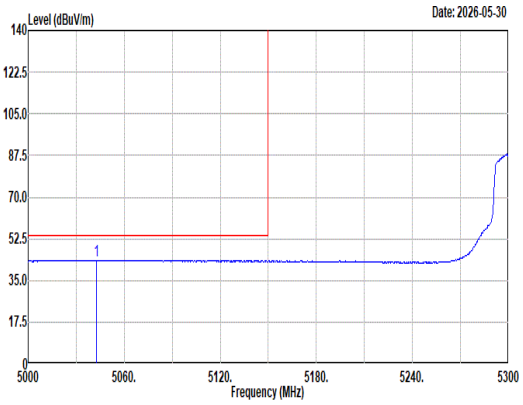
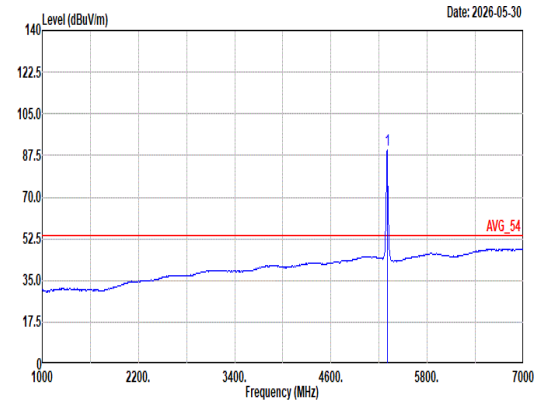
Mode	10	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5380.60 51.21 74.00 -22.79 41.29 33.16 10.35 33.59 0.00 349 0 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.40 41.71 54.00 -12.29 31.62 33.20 10.46 33.57 0.00 349 0 Average	Blank

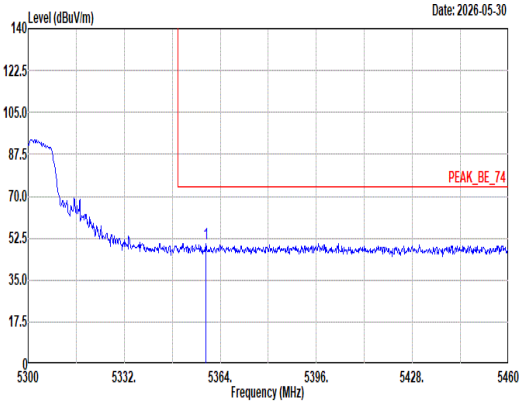
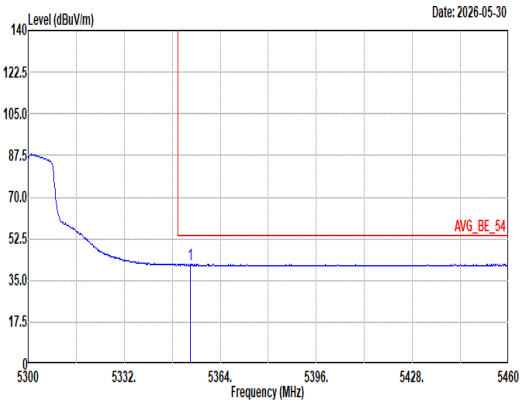
Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10520.00 47.77 68.20 -20.43 48.13 38.84 15.99 55.78 0.59 -- -- Peak 2 15780.00 45.39 74.00 -28.61 42.99 38.04 19.25 55.22 0.33 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10520.00 47.58 68.20 -20.62 47.94 38.84 15.99 55.78 0.59 -- -- Peak 2 15780.00 45.47 74.00 -28.53 43.07 38.04 19.25 55.22 0.33 -- -- Peak

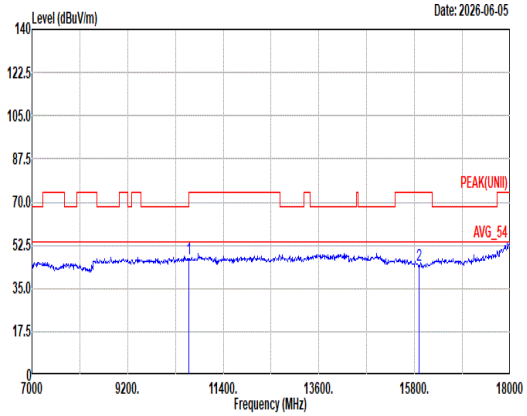
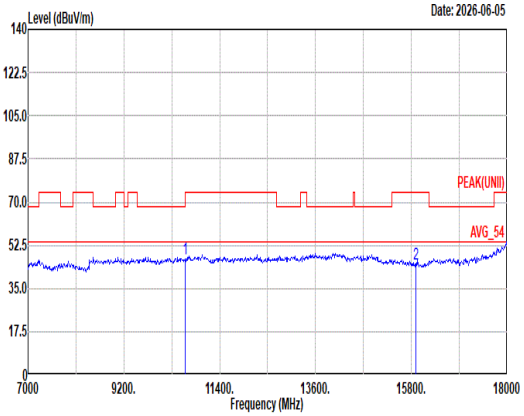
Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

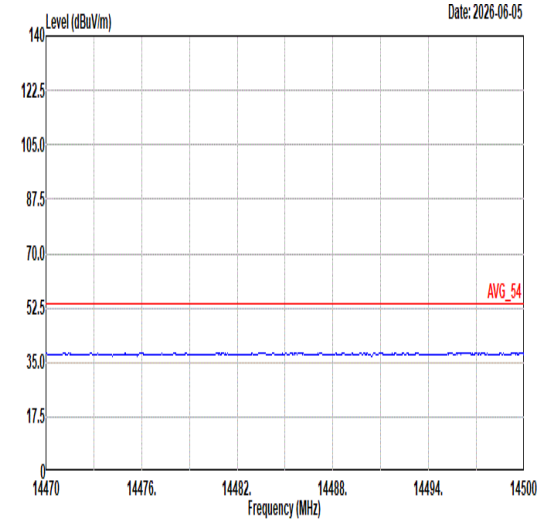
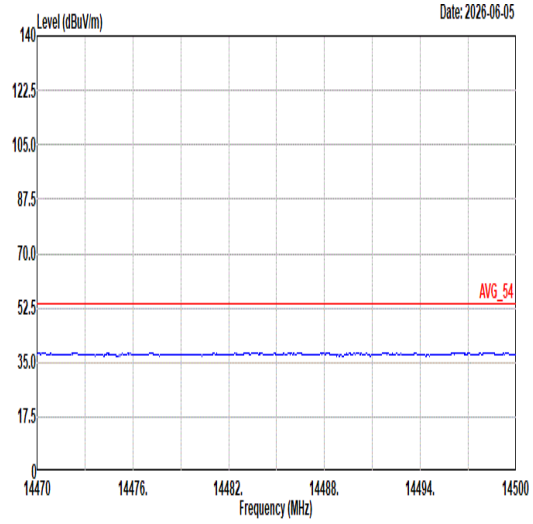
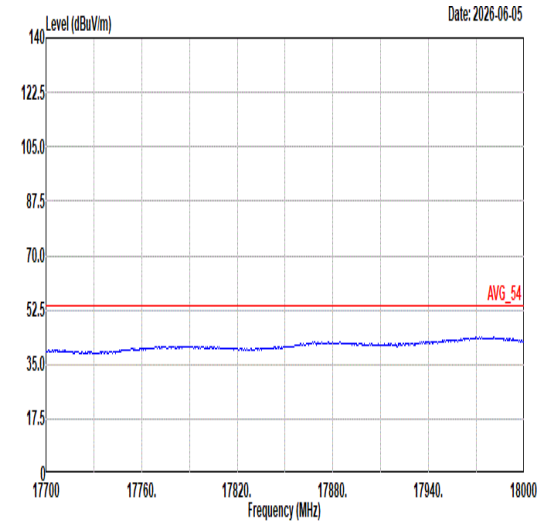
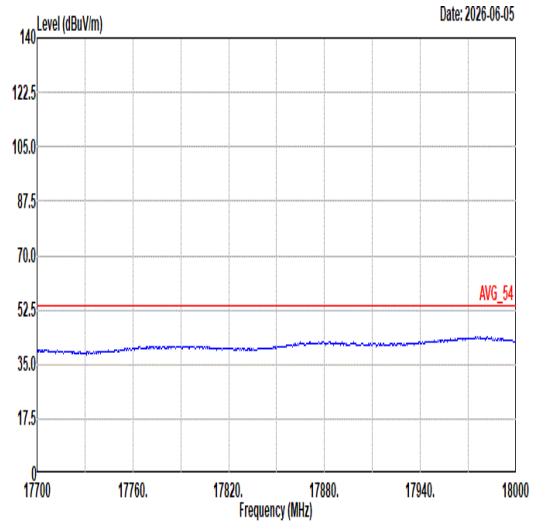
Mode	11	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5144.00 51.87 74.00 -22.13 42.07 33.29 10.15 33.64 0.00 100 241 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 106.91 ------ ------ 97.10 33.12 10.29 33.60 0.00 100 241 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5056.70 43.60 54.00 -10.40 33.74 33.46 10.06 33.66 0.00 100 241 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 100.43 ------ ------ 90.62 33.12 10.29 33.60 0.00 100 241 Average

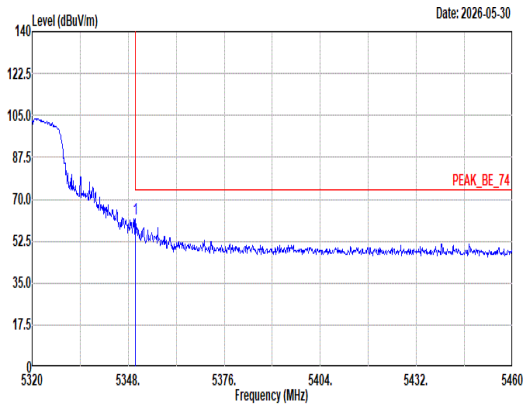
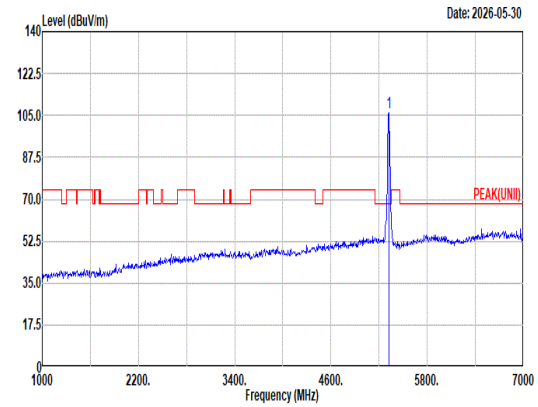
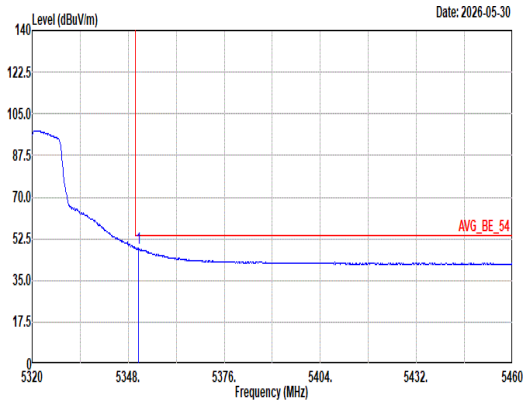
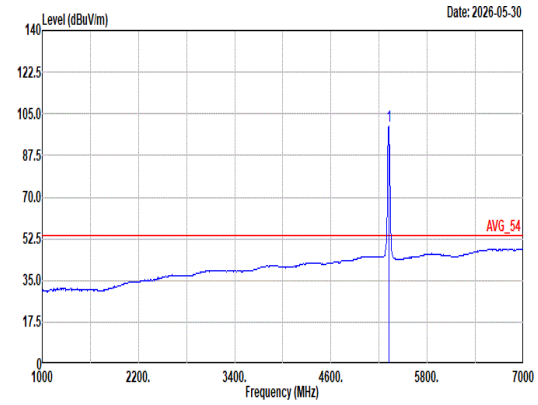
Mode	11	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5352.96 52.91 74.00 -21.09 43.06 33.11 10.33 33.59 0.00 100 241 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.04 44.32 54.00 -9.68 34.48 33.10 10.33 33.59 0.00 100 241 Average	Blank

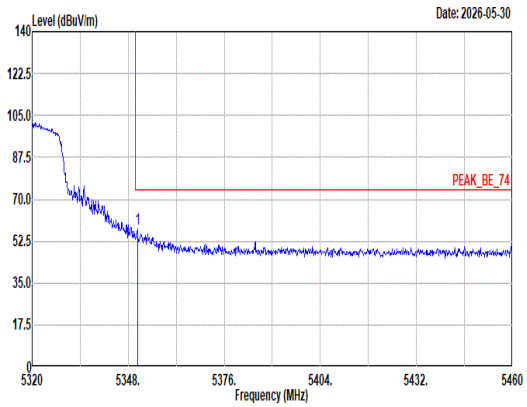
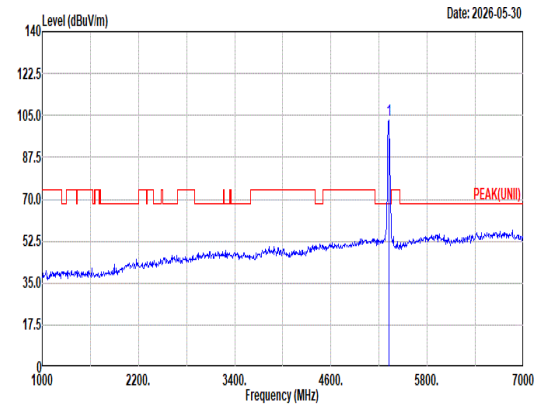
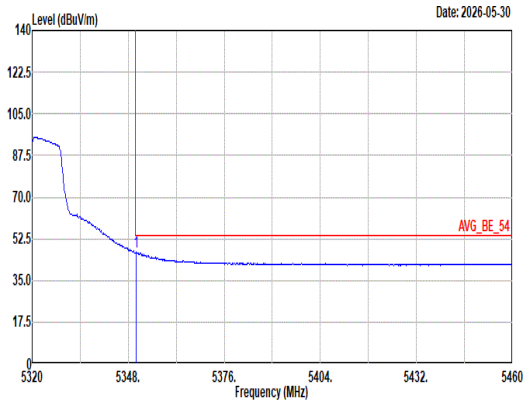
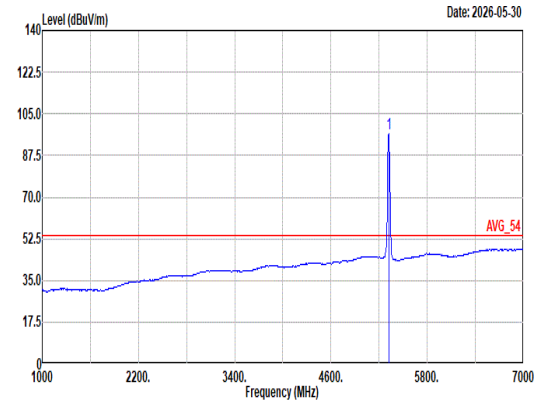
Mode	11	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5077.10 51.74 74.00 -22.26 41.97 33.34 10.08 33.65 0.00 100 54 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 95.53 ------ ------ 85.74 33.10 10.29 33.60 0.00 100 54 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5042.60 43.58 54.00 -10.42 33.69 33.51 10.04 33.66 0.00 100 54 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 89.61 ------ ------ 79.82 33.10 10.29 33.60 0.00 100 54 Average

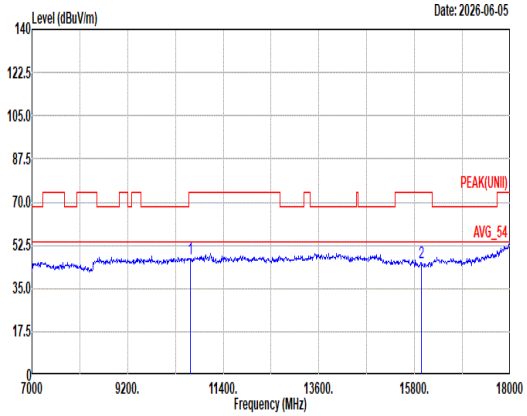
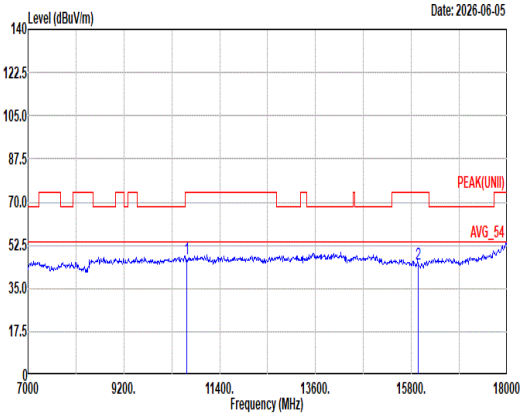
Mode	11	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5359.20 50.30 74.00 -23.70 40.43 33.12 10.34 33.59 0.00 100 54 Peak	Blank
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.92 41.74 54.00 -12.26 31.89 33.11 10.33 33.59 0.00 100 54 Average	Blank

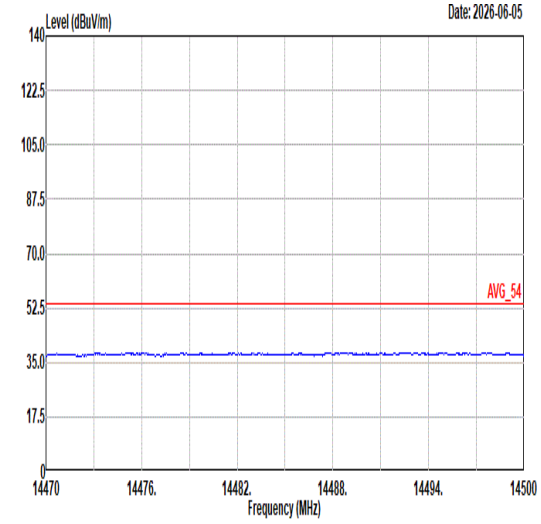
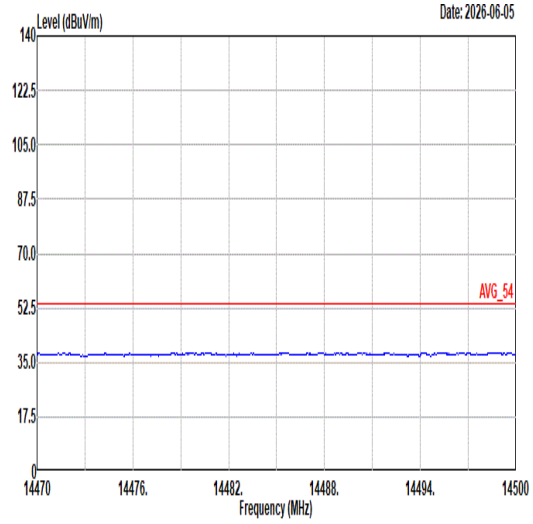
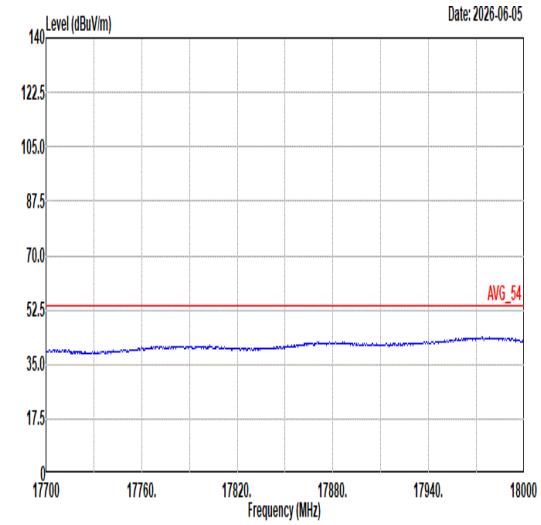
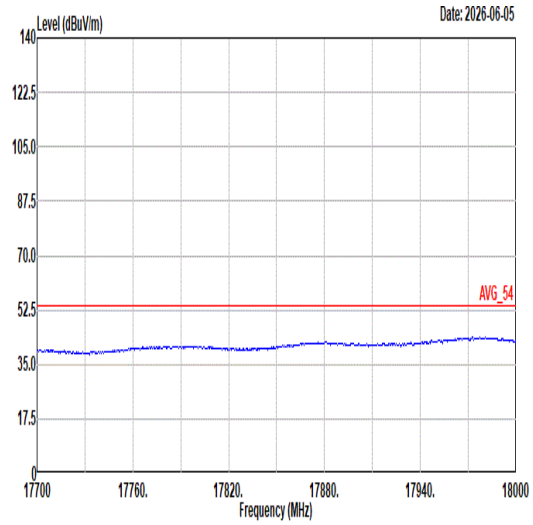
Mode	11	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10600.00 46.87 74.00 -27.13 46.68 39.20 16.07 55.67 0.59 -- -- Peak 2 15900.00 44.57 74.00 -29.43 42.08 38.10 19.26 55.19 0.32 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10600.00 46.91 74.00 -27.09 46.72 39.20 16.07 55.67 0.59 -- -- Peak 2 15900.00 44.70 74.00 -29.30 42.21 38.10 19.26 55.19 0.32 -- -- Peak

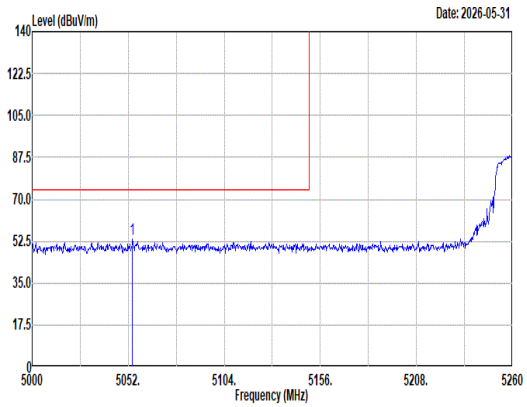
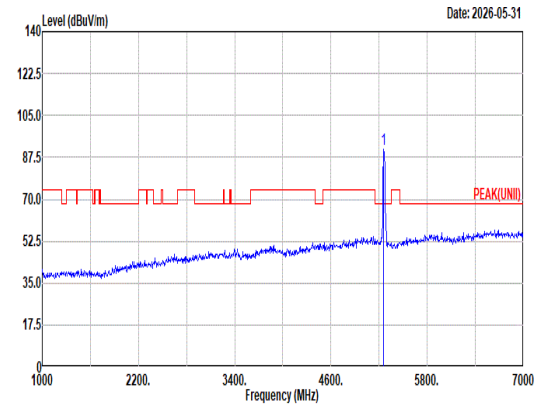
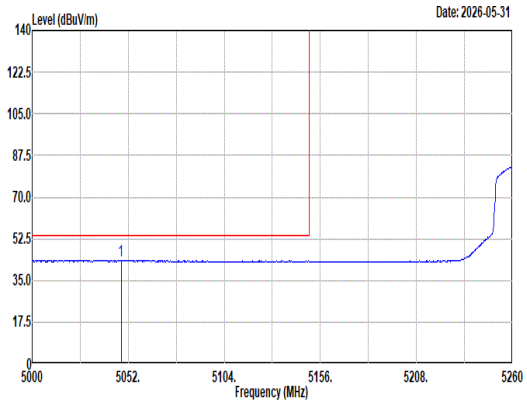
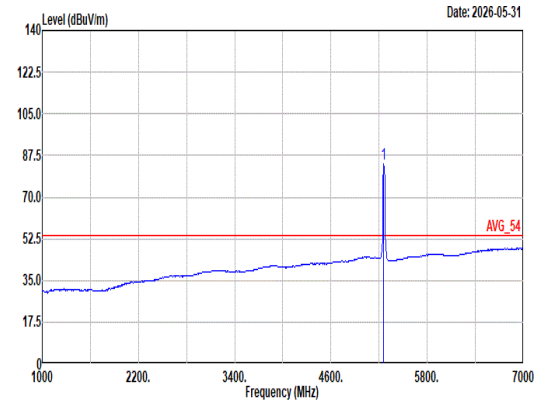
Mode	11	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

Mode	12	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.10 61.96 74.00 -12.04 52.12 33.10 10.33 33.59 0.00 108 244 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 105.99 ------ ------ 96.18 33.10 10.31 33.60 0.00 108 244 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.94 48.67 54.00 -5.33 38.83 33.10 10.33 33.59 0.00 108 244 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 99.76 ------ ------ 89.95 33.10 10.31 33.60 0.00 108 244 Average

Mode	12	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.66 57.37 74.00 -16.63 47.53 33.10 10.33 33.59 0.00 100 88 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 102.90 ------ ------ 93.09 33.10 10.31 33.60 0.00 100 88 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.24 46.99 54.00 -7.01 37.15 33.10 10.33 33.59 0.00 100 88 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 96.87 ------ ------ 87.06 33.10 10.31 33.60 0.00 100 88 Average

Mode	12	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10640.00 47.12 74.00 -26.88 46.84 39.20 16.11 55.62 0.59 -- -- Peak 2 15960.00 45.49 74.00 -28.51 42.91 38.18 19.26 55.17 0.31 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10640.00 47.01 74.00 -26.99 46.73 39.20 16.11 55.62 0.59 -- -- Peak 2 15960.00 45.16 74.00 -28.84 42.58 38.18 19.26 55.17 0.31 -- -- Peak

Mode	12	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

Mode	13	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11n HT20_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE_74 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5054.34 53.44 74.00 -20.56 43.57 33.47 10.06 33.66 0.00 130 360 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 91.02 ------ ------ 81.11 33.26 10.26 33.61 0.00 130 360 Peak
Avg	 Site : 03CH12-HY Condition: AVG_BE_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5048.10 43.55 54.00 -10.45 33.66 33.50 10.05 33.66 0.00 130 360 Average	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 83.91 ------ ------ 74.00 33.26 10.26 33.61 0.00 130 360 Average