FCC RADIO TEST REPORT

FCC ID	:	**2AEUP-5DFYBA**
Equipment	:	**Video Doorbell**
Brand Name	:	**ring**
Model Name	:	**5DCFAB**
Applicant	:	**Ring LLC** **12515 Cerise Ave, Hawthorne, CA 90250, USA**
Manufacturer	:	**Ring LLC** **12515 Cerise Ave, Hawthorne, CA 90250, USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Aug. 08, 2025 and testing was performed from Aug. 27, 2025 to Jan. 10, 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

Approved by: Louis Wu

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

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History of this test report

Report No.	Version	Description	Issue Date
FR580727-01C	01	Initial issue of report	Jan. 16, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	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	-
-	15.207	AC Conducted Emission	Not Required	See Note
3.5	15.203	Antenna Requirement	Pass	-

Note:
1. Not required means after assessing, test items are not necessary to carry out.
2. The device only supports battery power.

Conformity Assessment Condition:

1. ECR inquiry for data referencing from FCC ID:2AEUPBHADP011 has been approved by TCB. The ECR inquiry and the associated document are submitted in the confidential exhibit.
2. FCC ID: 2AEUP-5DFYBA is different from FCC ID:2AEUPBHADP011(Reference model), in the following:
   - The only difference between FCC ID: 2AEUP-5DFYBA and FCC ID: 2AEUPBHADP011 are Remove 24G Radar Function& Component
3. All the test results are referenced from FCC ID:2AEUPBHADP011(Sporton Test Report FR580727C), and spot check results to justify data referencing is presented in the Appendix E.
4. 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.
5. 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: Dara Chiu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth-LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, and Wi-Fi 5GHz 802.11a/n/ac/ax **Antenna Type** WLAN: Stamped metal IFA antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	2
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	2.5
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	4

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

1.2 EUT Information (Referenced Model)

Product Feature
General Specs Bluetooth-LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, and 24GHz Radar. **Antenna Type** WLAN: Stamped metal IFA antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	2
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	2.5
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	4

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

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	03CH07-HY (TAF Code: 1190)
Remark	The radiation emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory

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.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY

FCC designation No.: TW1190 and TW3786

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

1.5 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

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

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: 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.

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
	40	5200	48	5240

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	56	5280	64	5320

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	124	5620
	104	5520	128	5640
	108	5540	132	5660
	112	5560	136	5680
	116	5580	140	5700
	120	5600		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	144	5720	-	-

2.2 Test Mode

This device support 26/52/106 tone RU.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2022.

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

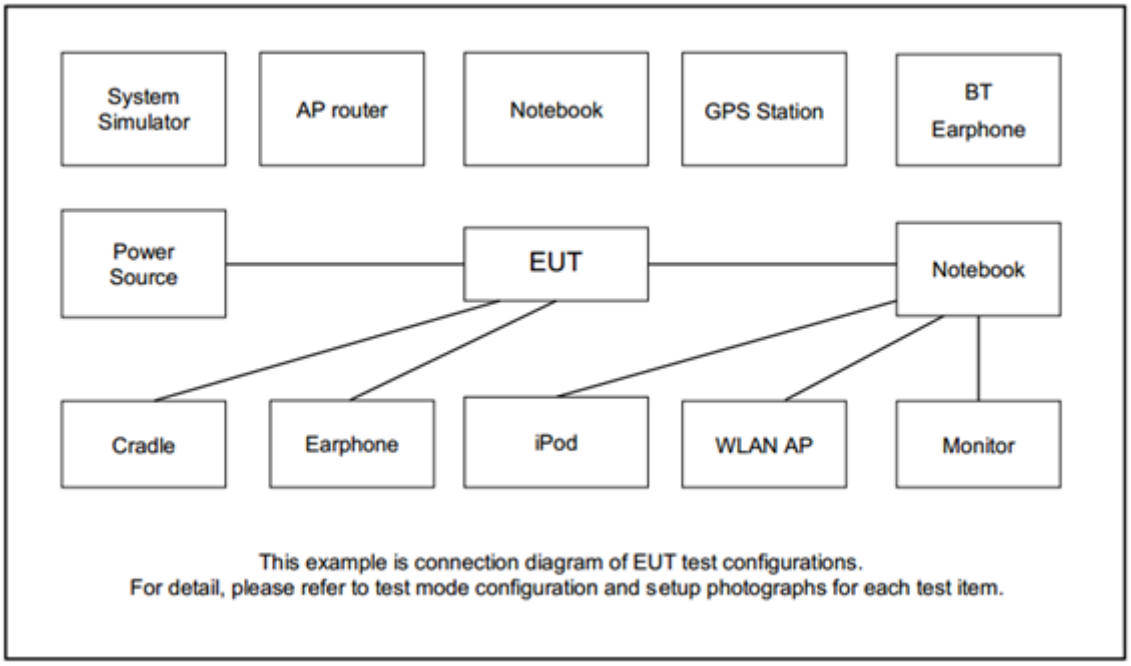
The power for 802.11n mode is smaller than 802.11ac mode, so all other conducted and radiated test is covered by 802.11ac mode.

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

802.11a	**6 Mbps**
802.11n HT20 (Covered by HE20)	**MCS0**
802.11ac VHT20 (Covered by HE20)	**MCS0**
802.11ax HE20	**MCS0**

Test Cases
Remark: **1.** For Radiated Test Cases, the tests were performed with Battery 1 **2.** The detailed Radiated test modes are shown in Appendix B. **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 EUT Operation Test Setup

The RF test items, utility “Tera Term” was installed in Notebook which was programmed in order to 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.

2.5 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 4.2 dB and 10 dB attenuator.

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

= 4.2 + 10 = 14.2 (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.

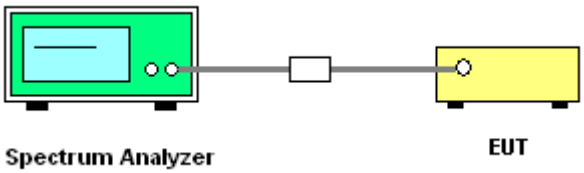
3.1.2 Measuring Instruments

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 & 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.

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.

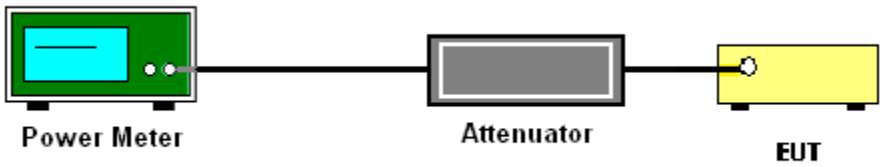
3.2.3 Test Procedures

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.

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.

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.

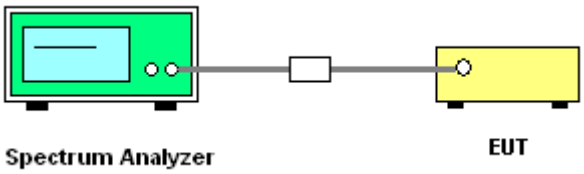
 # Method SA-2 #

(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.

(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) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

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

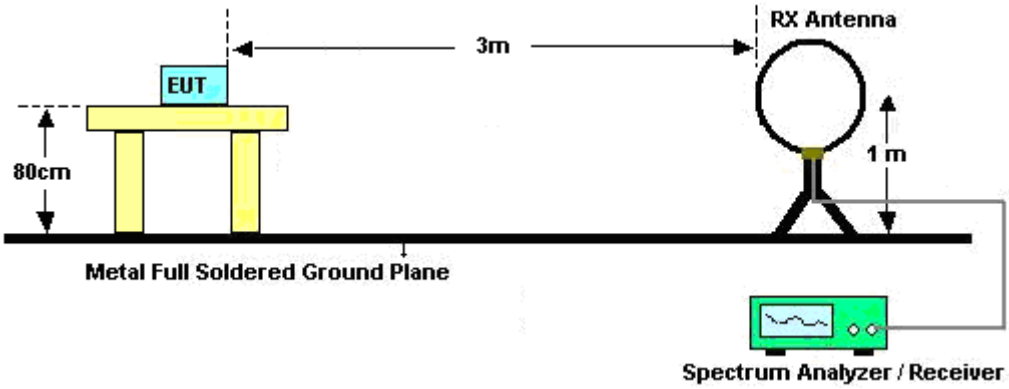
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

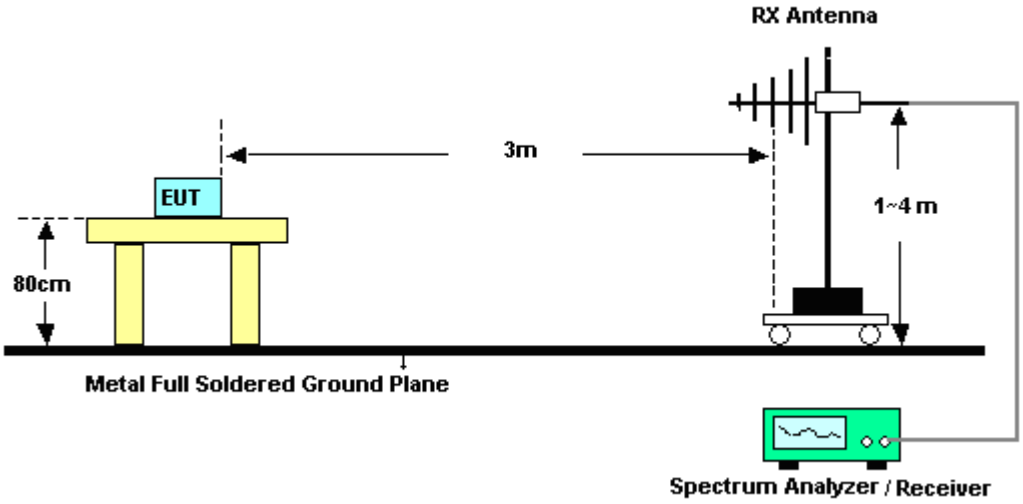
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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

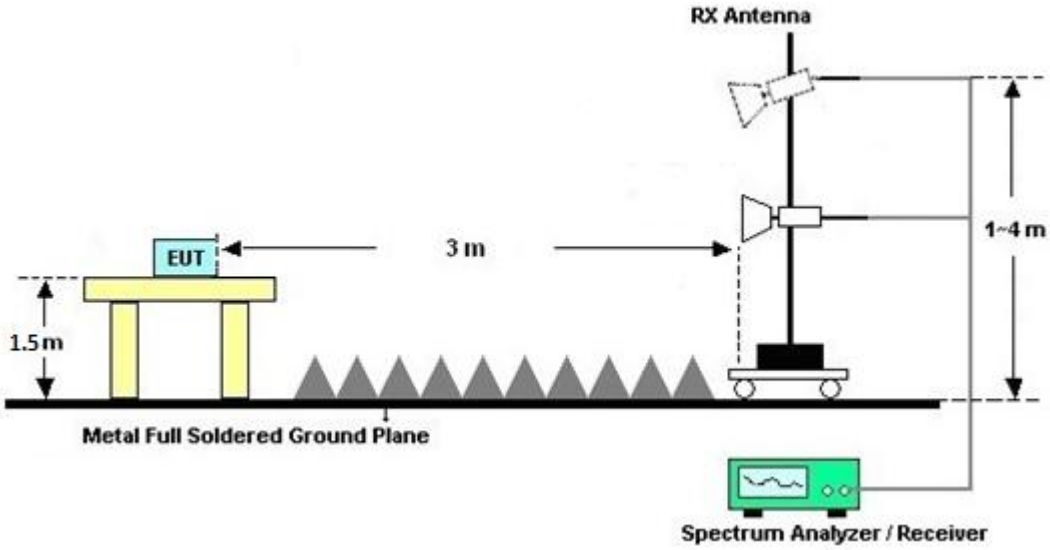
For radiated emissions below 30MHz



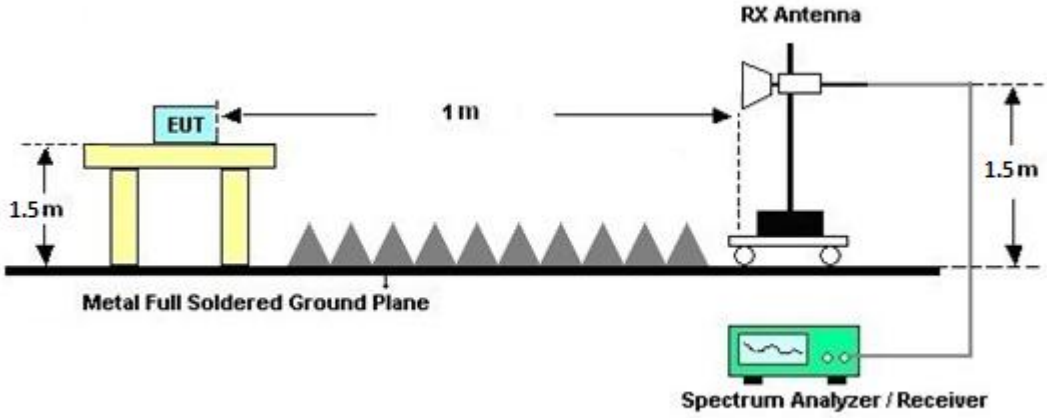
For radiated emissions from 30MHz to 1GHz



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 B.

3.4.7 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix B.

3.5 Antenna Requirements

3.5.1 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.

3.5.2 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. 01, 2024	Aug. 27, 2025 ~ Sep. 16, 2025	Oct. 31, 2025	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030SNO31 (NO:182)	9kHz~6GHz	Jan. 09, 2025	Aug. 27, 2025 ~ Sep. 16, 2025	Jan. 08, 2026	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Dec. 23, 2024	Aug. 27, 2025 ~ Sep. 16, 2025	Dec. 22, 2025	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	Aug. 27, 2025 ~ Sep. 16, 2025	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Aug. 27, 2025 ~ Sep. 16, 2025	N/A	Conducted (TH05-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 21, 2025	Aug. 28, 2025~ Nov. 05, 2025	Apr. 20, 2026	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Nov. 28, 2024	Aug. 28, 2025~ Nov. 05, 2025	Nov. 27, 2025	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 06, 2025	Aug. 28, 2025~ Nov. 05, 2025	Mar. 05, 2026	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz~18GHz	Apr. 18, 2025	Aug. 28, 2025~ Nov. 05, 2025	Apr. 17, 2026	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 01, 2024	Aug. 28, 2025~ Aug. 30, 2025	Sep. 30, 2025	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 22, 2025	Aug. 28, 2025~ Nov. 05, 2025	Mar. 21, 2026	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Sep. 30, 2025	Nov. 04, 2025~ Nov. 05, 2025	Sep. 29, 2026	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	060873	18-40GHz	Aug. 26, 2025	Aug. 28, 2025~ Nov. 05, 2025	Aug. 25, 2026	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 28, 2025	Aug. 28, 2025~ Nov. 05, 2025	Mar. 27, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 20, 2025	Aug. 28, 2025~ Nov. 05, 2025	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 20, 2025	Aug. 28, 2025~ Nov. 05, 2025	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 14, 2024	Aug. 28, 2025~ Aug. 30, 2025	Sep. 13, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 13, 2025	Nov. 04, 2025~ Nov. 05, 2025	Sep. 12, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 20, 2025	Aug. 28, 2025~ Nov. 05, 2025	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 23, 2025	Aug. 28, 2025~ Nov. 05, 2025	Apr. 22, 2026	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Aug. 28, 2025~ Nov. 05, 2025	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Aug. 28, 2025~ Nov. 05, 2025	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Aug. 28, 2025~ Nov. 05, 2025	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Aug. 28, 2025~ Nov. 05, 2025	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Aug. 28, 2025~ Nov. 05, 2025	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Feb. 24, 2025	Aug. 28, 2025~ Nov. 05, 2025	Feb. 23, 2026	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	000991	18GHz~40GHz	May 29, 2025	Aug. 28, 2025~ Nov. 05, 2025	May 28, 2026	Radiation (03CH07-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.3 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.7 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.5 dB

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Joseph Hu	Temperature:	21~25	°C
Test Date:	2025/8/27~2025/09/16	Relative Humidity:	51~54	%

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
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	36	5180	18.32	-	-	24.00	-	2.00	-	-	Pass
11a	6Mbps	1	44	5220	19.42	-		24.00	-	2.00	-		Pass
11a	6Mbps	1	48	5240	19.56	-		24.00	-	2.00	-		Pass
HT20	MCS0	1	36	5180	16.95	-		24.00	-	2.00	-		Pass
HT20	MCS0	1	44	5220	19.33	-		24.00	-	2.00	-		Pass
HT20	MCS0	1	48	5240	19.32	-		24.00	-	2.00	-		Pass
VHT20	MCS0	1	36	5180	17.05	-		24.00	-	2.00	-		Pass
VHT20	MCS0	1	44	5220	19.43	-		24.00	-	2.00	-		Pass
VHT20	MCS0	1	48	5240	19.42	-		24.00	-	2.00	-		Pass

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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	36	5180	17.33	-	20.63	-	-		22.39	-	-	
11a	6Mbps	1	44	5220	17.47	-	27.90	-	-		22.42	-		
11a	6Mbps	1	48	5240	17.58	-	29.92	-	-		22.45	-		
VHT20	MCS0	1	36	5180	18.13	-	20.97	-	-		22.58	-		
VHT20	MCS0	1	44	5220	18.38	-	30.79	-	-		22.64	-		
VHT20	MCS0	1	48	5240	18.52	-	32.98	-	-		22.68	-		

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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	36	5180	0.11	-	7.03	-	-	11.00	-	2.00	-	-	Pass
11a	6Mbps	1	44	5220	0.11	-	8.23	-		11.00	-	2.00	-		Pass
11a	6Mbps	1	48	5240	0.11	-	8.35	-		11.00	-	2.00	-		Pass
VHT20	MCS0	1	36	5180	0.11	-	5.13	-		11.00	-	2.00	-		Pass
VHT20	MCS0	1	44	5220	0.11	-	7.04	-		11.00	-	2.00	-		Pass
VHT20	MCS0	1	48	5240	0.11	-	8.13	-		11.00	-	2.00	-		Pass

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
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	52	5260	19.17	-	-	23.98	-	2.50	-	26.99	Pass
11a	6Mbps	1	60	5300	19.08	-		23.98	-	2.50	-	26.99	Pass
11a	6Mbps	1	64	5320	19.27	-		23.98	-	2.50	-	26.99	Pass
HT20	MCS0	1	52	5260	19.15	-		23.98	-	2.50	-	26.99	Pass
HT20	MCS0	1	60	5300	18.94	-		23.98	-	2.50	-	26.99	Pass
HT20	MCS0	1	64	5320	19.22	-		23.98	-	2.50	-	26.99	Pass
VHT20	MCS0	1	52	5260	19.25	-		23.98	-	2.50	-	26.99	Pass
VHT20	MCS0	1	60	5300	19.04	-		23.98	-	2.50	-	26.99	Pass
VHT20	MCS0	1	64	5320	19.32	-		23.98	-	2.50	-	26.99	Pass

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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	1	52	5260	17.53	-	25.74	-	23.44	-	29.44	-	23.98	-	-
11a	6Mbps	1	60	5300	17.73	-	28.06	-	23.49	-	29.49	-	23.98	-	
11a	6Mbps	1	64	5320	17.62	-	27.94	-	23.46	-	29.46	-	23.98	-	
VHT20	MCS0	1	52	5260	18.28	-	30.59	-	23.62	-	29.62	-	23.98	-	
VHT20	MCS0	1	60	5300	18.36	-	31.30	-	23.64	-	29.64	-	23.98	-	
VHT20	MCS0	1	64	5320	18.41	-	33.02	-	23.65	-	29.65	-	23.98	-	

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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	52	5260	0.11	-	7.97	-	-	11.00	-	2.50	-	-	Pass
11a	6Mbps	1	60	5300	0.11	-	7.70	-		11.00	-	2.50	-		Pass
11a	6Mbps	1	64	5320	0.11	-	8.03	-		11.00	-	2.50	-		Pass
VHT20	MCS0	1	52	5260	0.11	-	7.74	-		11.00	-	2.50	-		Pass
VHT20	MCS0	1	60	5300	0.11	-	7.53	-		11.00	-	2.50	-		Pass
VHT20	MCS0	1	64	5320	0.11	-	7.87	-		11.00	-	2.50	-		Pass

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
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	100	5500	18.86	-	-	23.98	-	4.00	-	26.99	Pass
11a	6Mbps	1	116	5580	18.66	-		23.98	-	4.00	-	26.99	Pass
11a	6Mbps	1	140	5700	18.85	-		23.98	-	4.00	-	26.99	Pass
HT20	MCS0	1	100	5500	18.81	-		23.98	-	4.00	-	26.99	Pass
HT20	MCS0	1	116	5580	18.62	-		23.98	-	4.00	-	26.99	Pass
HT20	MCS0	1	140	5700	17.45	-		23.98	-	4.00	-	26.99	Pass
VHT20	MCS0	1	100	5500	18.91	-		23.98	-	4.00	-	26.99	Pass
VHT20	MCS0	1	116	5580	18.72	-		23.98	-	4.00	-	26.99	Pass
VHT20	MCS0	1	140	5700	17.55	-		23.98	-	4.00	-	26.99	Pass

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
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	144	5720	19.63	-	-	23.98	-	4.00	-	26.99	Pass
HT20	MCS0	1	144	5720	19.45	-		23.98	-	4.00	-	26.99	Pass
VHT20	MCS0	1	144	5720	19.55	-		23.98	-	4.00	-	26.99	Pass

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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	1	100	5500	17.66	-	29.80	-	23.47	-	29.47	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.49	-	27.77	-	23.43	-	29.43	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.34	-	22.55	-	23.39	-	29.39	-	23.98	-	----	----
VHT20	MCS0	1	100	5500	18.47	-	32.60	-	23.66	-	29.66	-	23.98	-	----	----
VHT20	MCS0	1	116	5580	18.25	-	30.13	-	23.61	-	29.61	-	23.98	-	----	----
VHT20	MCS0	1	140	5700	18.30	-	30.62	-	23.62	-	29.62	-	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	1	144	5720	13.88	-	19.58	-	23.43	-	29.43	-	23.98	-	2.485	-
VHT20	MCS0	1	144	5720	14.26	-	21.75	-	23.62	-	29.62	-	23.98	-	2.485	-
6dB Bandwidth Limit ≧ 500kHz															Pass	

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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	100	5500	0.11	-	7.57	-	-	11.00	-	4.00	-	-	Pass
11a	6Mbps	1	116	5580	0.11	-	7.46	-		11.00	-	4.00	-		Pass
11a	6Mbps	1	140	5700	0.11	-	7.27	-		11.00	-	4.00	-		Pass
VHT20	MCS0	1	100	5500	0.11	-	7.47	-		11.00	-	4.00	-		Pass
VHT20	MCS0	1	116	5580	0.11	-	7.28	-		11.00	-	4.00	-		Pass
VHT20	MCS0	1	140	5700	0.11	-	5.98	-		11.00	-	4.00	-		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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	144	5720	0.11	-	8.03	-	-	11.00	-	4.00	-	-	Pass
VHT20	MCS0	1	144	5720	0.11	-	7.89	-		11.00	-	4.00	-		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	36	5180	Full	17.15	-	-	24.00	-	2.00	-	-	Pass
HE20	MCS0	1	36	5180	26/0	8.46	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	52/37	11.30	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	106/53	13.93	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	Full	19.60	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	26/4	11.55	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	52/37	13.90	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	106/53	16.29	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	Full	19.52	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	26/8	10.36	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	52/40	13.54	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	106/54	16.11	-		24.00	-	2.00	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	36	5180	Full	18.92	-	20.88	-	-		22.77	-	-	-
HE20	MCS0	1	44	5220	Full	19.00	-	21.02	-	-		22.79	-		
HE20	MCS0	1	48	5240	Full	18.99	-	23.38	-	-		22.79	-		

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	36	5180	Full	0.15	-	5.28	-	-	11.00	-	2.00	-	-	Pass
HE20	MCS0	1	36	5180	26/0	0.26	-	5.21	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	52/37	0.44	-	4.98	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	106/53	0.71	-	4.81	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	Full	0.15	-	7.75	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	26/4	0.26	-	7.33	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	52/37	0.44	-	7.55	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	106/53	0.71	-	7.26	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	Full	0.15	-	7.60	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	26/8	0.26	-	7.25	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	52/40	0.44	-	7.47	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	106/54	0.71	-	7.24	-		11.00	-	2.00	-		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	52	5260	Full	19.32	-	-	23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	52	5260	26/0	10.37	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	52	5260	52/37	13.28	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	52	5260	106/53	15.93	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	60	5300	Full	19.15	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	60	5300	26/4	12.14	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	60	5300	52/37	13.28	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	60	5300	106/53	16.11	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	64	5320	Full	19.47	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	64	5320	26/8	10.42	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	64	5320	52/40	13.18	-		23.98	-	2.50	-	26.99	Pass
HE20	MCS0	1	64	5320	106/54	16.37	-		23.98	-	2.50	-	26.99	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	1	52	5260	Full	18.97	-	24.33	-	23.78	-	29.78	-	23.98	-	
HE20	MCS0	1	60	5300	Full	19.01	-	23.86	-	23.79	-	29.79	-	23.98	-	
HE20	MCS0	1	64	5320	Full	19.00	-	21.17	-	23.79	-	29.79	-	23.98	-	

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	52	5260	Full	0.15	-	7.51	-	-	11.00	-	2.50	-	-	Pass
HE20	MCS0	1	52	5260	26/0	0.26	-	7.26	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	52	5260	52/37	0.44	-	7.31	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	52	5260	106/53	0.71	-	7.19	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	60	5300	Full	0.15	-	7.28	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	60	5300	26/4	0.26	-	6.92	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	60	5300	52/37	0.44	-	7.22	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	60	5300	106/53	0.71	-	7.03	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	64	5320	Full	0.15	-	7.61	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	64	5320	26/8	0.26	-	7.51	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	64	5320	52/40	0.44	-	7.11	-		11.00	-	2.50	-		Pass
HE20	MCS0	1	64	5320	106/54	0.71	-	6.73	-		11.00	-	2.50	-		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	100	5500	Full	19.01	-	-	23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	100	5500	26/0	10.27	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	100	5500	52/37	13.23	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	100	5500	106/53	16.08	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	116	5580	Full	18.96	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	116	5580	26/0	9.75	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	116	5580	52/37	13.09	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	116	5580	106/53	15.75	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	140	5700	Full	17.65	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	140	5700	26/8	8.85	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	140	5700	52/40	11.60	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	140	5700	106/54	14.53	-		23.98	-	4.00	-	26.99	Pass

FCC U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	144	5720	Full	19.83	-	-	23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	144	5720	26/8	10.81	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	144	5720	52/40	13.83	-		23.98	-	4.00	-	26.99	Pass
HE20	MCS0	1	144	5720	106/54	16.44	-		23.98	-	4.00	-	26.99	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	1	100	5500	Full	19.01	-	21.34	-	23.79	-	29.79	-	23.98	-	----	----
HE20	MCS0	1	116	5580	Full	18.95	-	20.78	-	23.78	-	29.78	-	23.98	-	----	----
HE20	MCS0	1	140	5700	Full	18.96	-	22.70	-	23.78	-	29.78	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	1	144	5720	Full	14.56	-	15.48	-	23.78	-	29.78	-	23.98	-	4.08	-
6dB Bandwidth Limit ≧ 500kHz																Pass	

TEST RESULTS DATA
Power Spectral Density

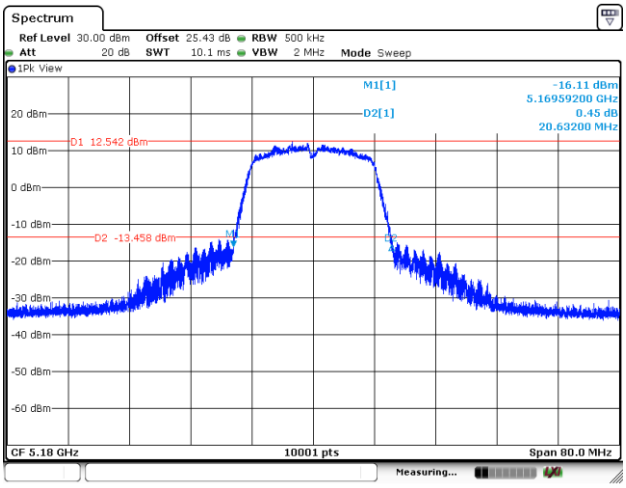
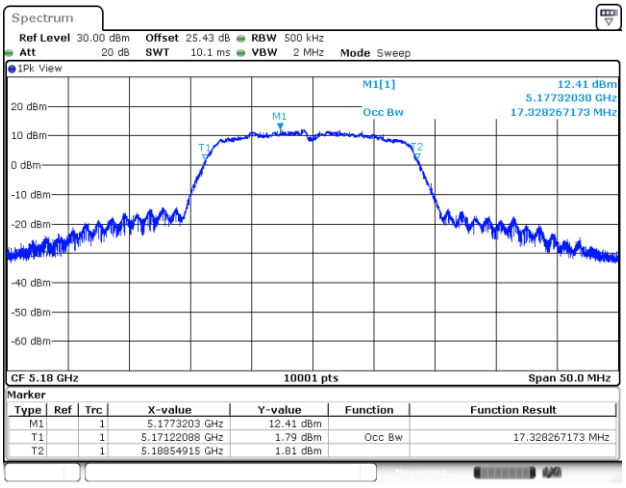
U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	100	5500	Full	0.15	-	7.11	-	-	11.00	-	4.00	-	-	Pass
HE20	MCS0	1	100	5500	26/0	0.26	-	6.96	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	100	5500	52/37	0.44	-	6.97	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	100	5500	106/53	0.71	-	6.91	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	116	5580	Full	0.15	-	7.04	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	116	5580	26/0	0.26	-	6.64	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	116	5580	52/37	0.44	-	6.88	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	116	5580	106/53	0.71	-	6.96	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	140	5700	Full	0.15	-	5.85	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	140	5700	26/8	0.26	-	5.75	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	140	5700	52/40	0.44	-	5.39	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	140	5700	106/54	0.71	-	5.53	-		11.00	-	4.00	-		Pass

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	144	5720	Full	0.15	-	7.69	-	-	11.00	-	4.00	-	-	Pass
HE20	MCS0	1	144	5720	26/8	0.26	-	7.51	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	144	5720	52/40	0.44	-	7.26	-		11.00	-	4.00	-		Pass
HE20	MCS0	1	144	5720	106/54	0.71	-	7.26	-		11.00	-	4.00	-		Pass

Test Result of 26dB & 99% Occupied Bandwidth

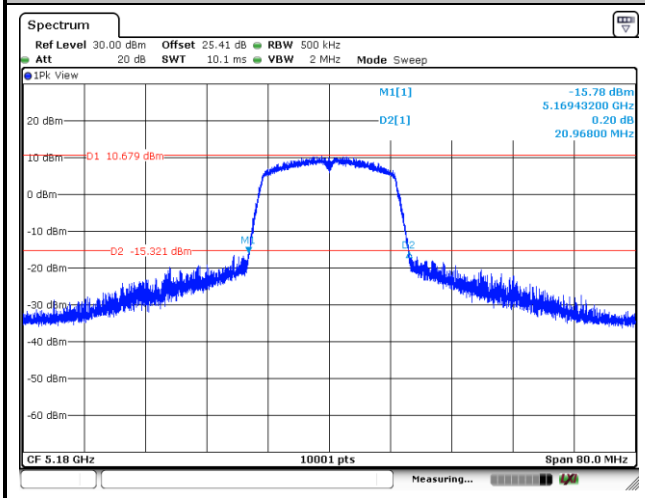
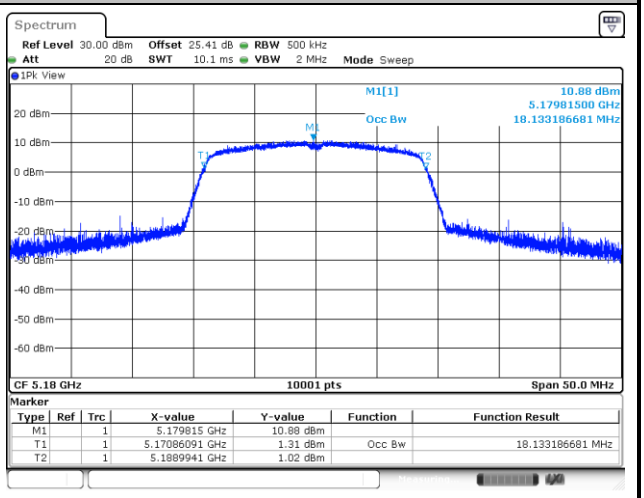
<Ant. 0>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

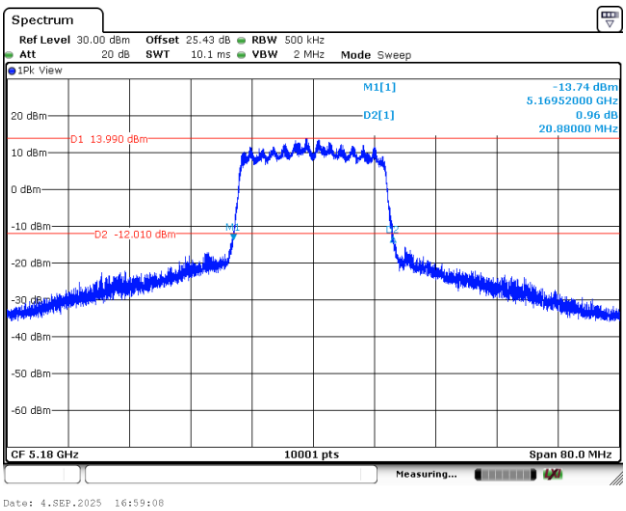
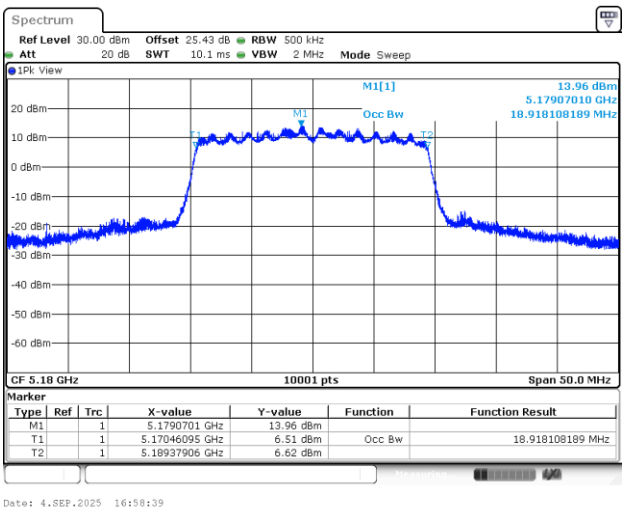
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

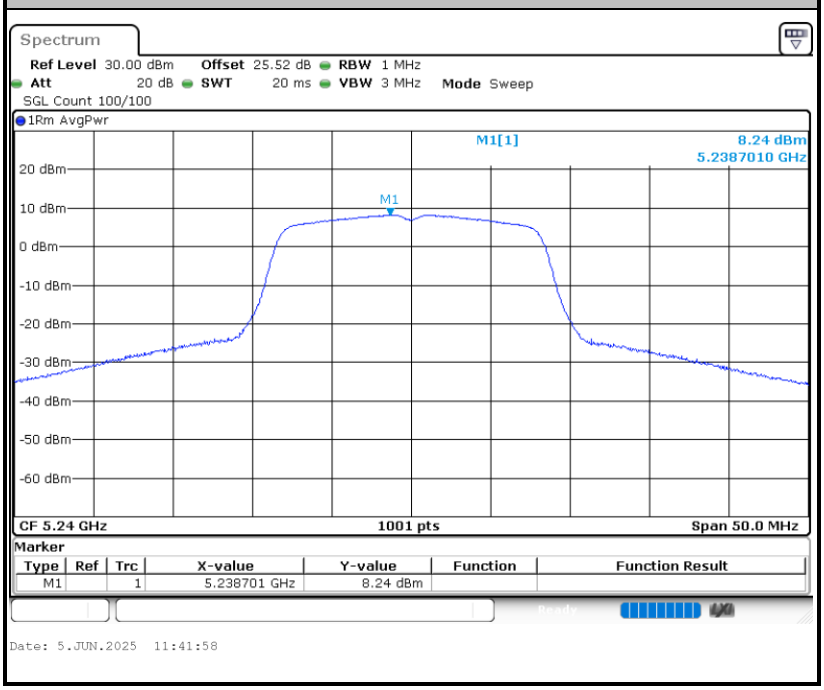
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

<Ant. 0>

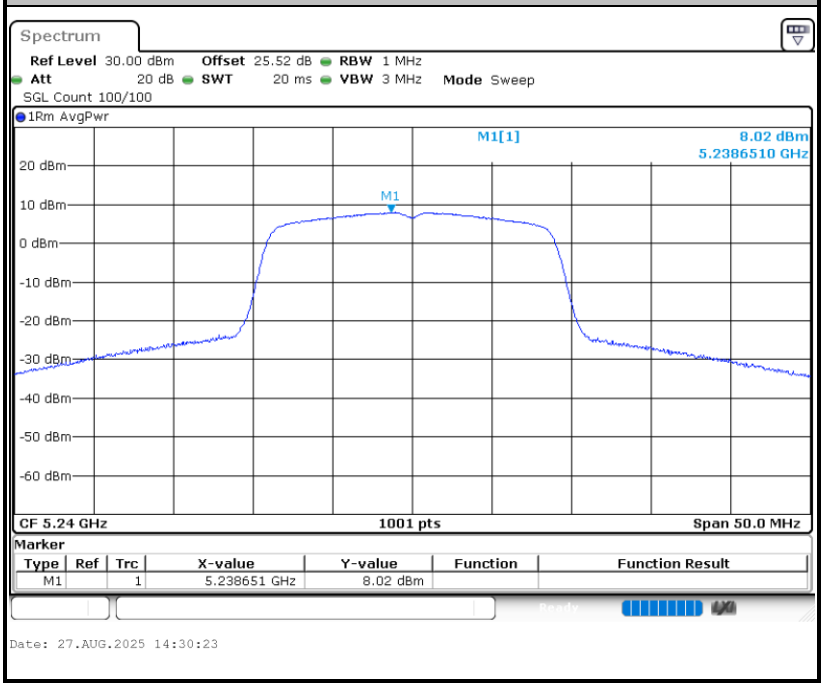
<802.11a>

Maximum Power Density Plot (dBm/MHz)



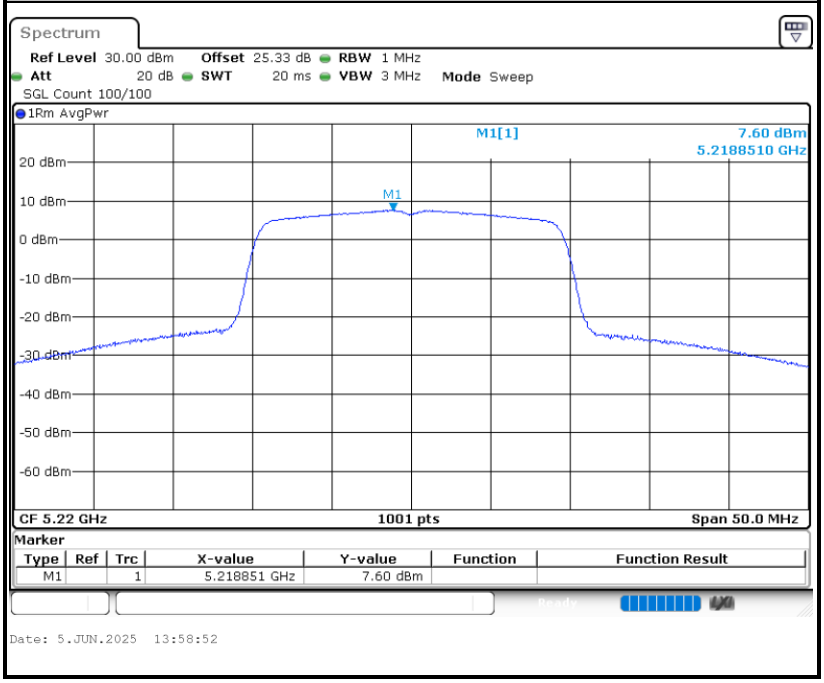
<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)



<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Jesse Wang, Stan Hsieh, and Ken Wu	**Temperature :**	21.5 ~ 26.3°C
		Relative Humidity :	52.6 ~ 65.4%

Note symbol

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

B1. 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	0	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	0	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	0	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	0	802.11ax HE20	36	5180	MCS0	Full RU	-
Mode 5	U-NII-1	5.15-5.25	0	802.11ax HE20	44	5220	MCS0	Full RU	-
Mode 6	U-NII-1	5.15-5.25	0	802.11ax HE20	48	5240	MCS0	Full RU	-
Mode 7	U-NII-1	5.15-5.25	0	802.11ax HE20	36	5180	MCS0	Partial_106/53RU	-
Mode 8	U-NII-2A	5.25-5.35	0	802.11a	52	5260	6Mbps	-	-
Mode 9	U-NII-2A	5.25-5.35	0	802.11a	60	5300	6Mbps	-	-
Mode 10	U-NII-2A	5.25-5.35	0	802.11a	64	5320	6Mbps	-	-
Mode 11	U-NII-2A	5.25-5.35	0	802.11ax HE20	52	5260	MCS0	Full RU	-
Mode 12	U-NII-2A	5.25-5.35	0	802.11ax HE20	60	5300	MCS0	Full RU	-
Mode 13	U-NII-2A	5.25-5.35	0	802.11ax HE20	64	5320	MCS0	Full RU	-
Mode 14	U-NII-2A	5.25-5.35	0	802.11ax HE20	64	5320	MCS0	Partial_106/54RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 15	U-NII-2C	5.47-5.725	0	802.11a	100	5500	6Mbps	-	-
Mode 16	U-NII-2C	5.47-5.725	0	802.11a	116	5580	6Mbps	-	-
Mode 17	U-NII-2C	5.47-5.725	0	802.11a	140	5700	6Mbps	-	-
Mode 18	U-NII-2C	5.47-5.725	0	802.11ax HE20	100	5500	MCS0	Full RU	-
Mode 19	U-NII-2C	5.47-5.725	0	802.11ax HE20	116	5580	MCS0	Full RU	-
Mode 20	U-NII-2C	5.47-5.725	0	802.11ax HE20	140	5700	MCS0	Full RU	-
Mode 21	U-NII-2C	5.47-5.725	0	802.11ax HE20	140	5700	MCS0	Partial_106/54RU	-
Mode 22	U-NII-2C	5.47-5.725	0	802.11a	144	5720	6Mbps	-	-
Mode 23	U-NII-2C	5.47-5.725	0	802.11ax HE20	144	5720	MCS0	-	-
Mode 24	U-NII-2A	5.25-5.35	0	802.11ax HE20	64	5320	MCS0	Full RU	LF
Mode 33	U-NII-2A	5.25-5.35	0	802.11ac VHT20	64	5320	MCS0	-	-
Mode 36	U-NII-2A	5.25-5.35	0	802.11ax HE20	64	5320	MCS0	Full RU	SHF

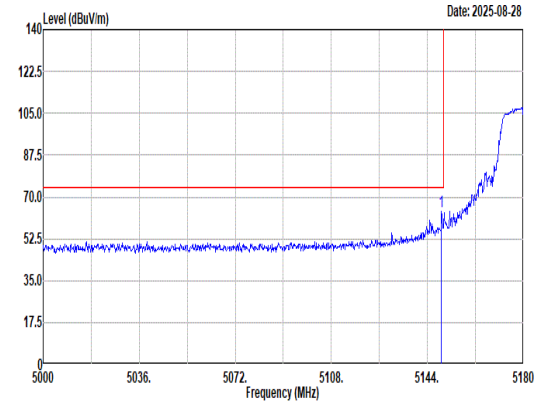
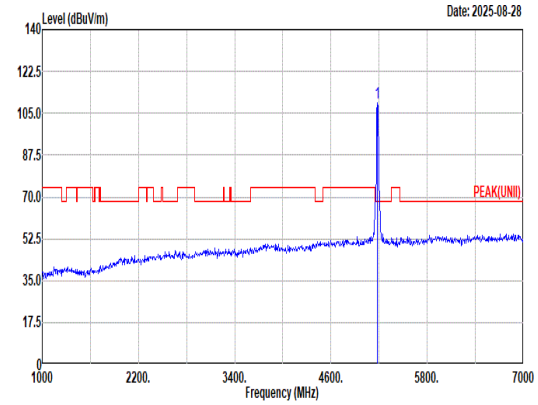
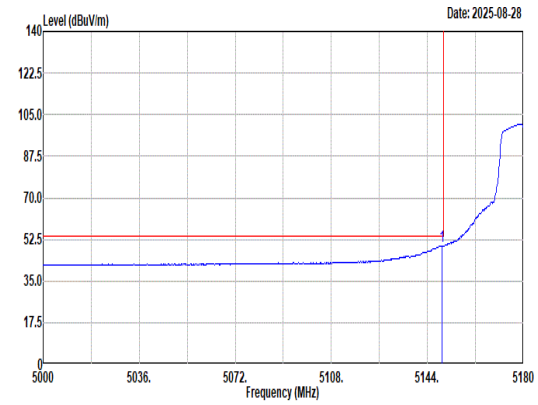
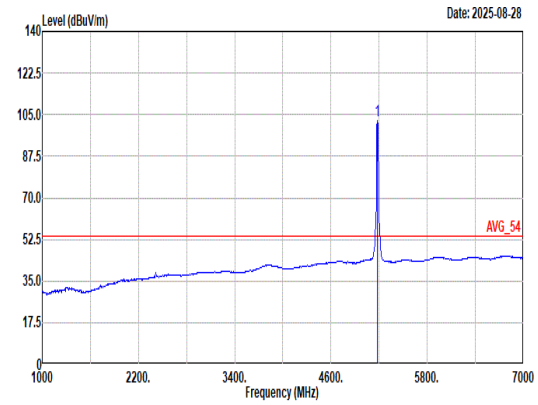
B2. Summary of each worse mode

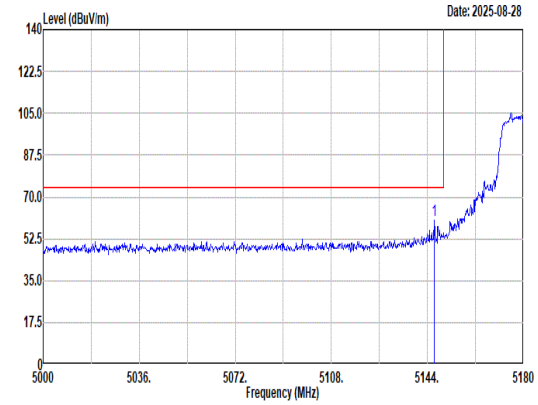
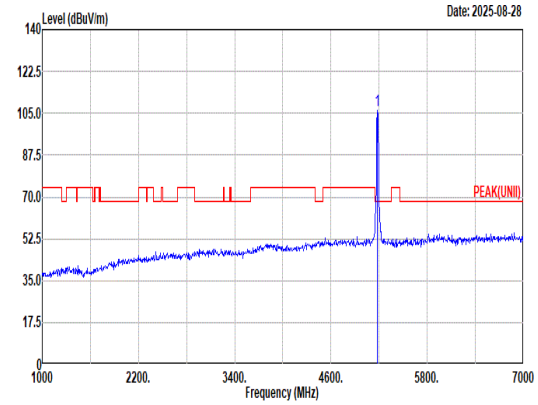
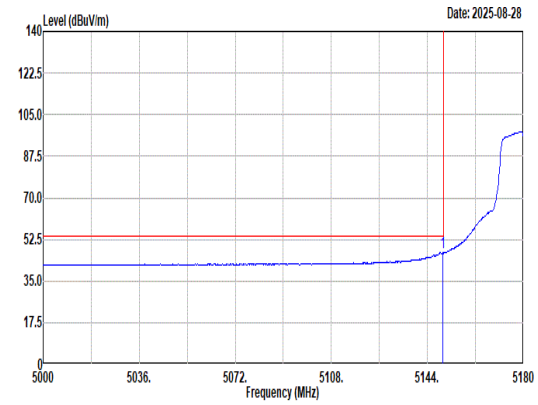
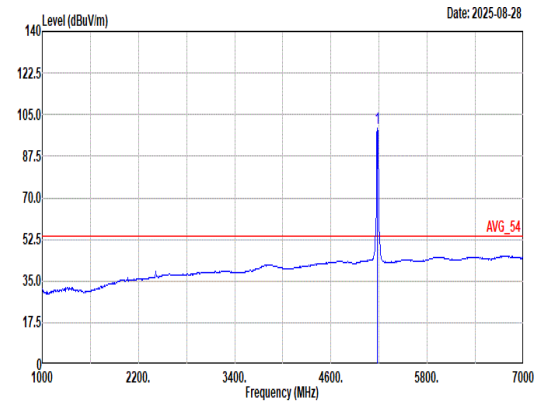
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.40	49.89	54.00	-4.11	H	Avg.	Pass	-	Band Edge
	802.11a	36	10360.00	57.78	68.20	-10.42	H	Peak	Pass	-	Harmonic
2	802.11a	44	5149.82	43.54	54.00	-10.46	H	Avg.	Pass	-	Band Edge
	802.11a	44	10440.00	57.11	68.20	-11.09	V	Peak	Pass	-	Harmonic
3	802.11a	48	5132.96	42.78	54.00	-11.22	H	Avg.	Pass	-	Band Edge
	802.11a	48	10480.00	57.26	68.20	-10.94	H	Peak	Pass	-	Harmonic
4	802.11ax HE20	36	5149.94	48.94	54.00	-5.06	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	36	10360.00	57.33	68.20	-10.87	H	Peak	Pass	Full RU	Harmonic
5	802.11ax HE20	44	5149.82	44.34	54.00	-9.66	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	44	10440.00	55.10	68.20	-13.10	H	Peak	Pass	Full RU	Harmonic
6	802.11ax HE20	48	5149.52	43.19	54.00	-10.81	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	48	10480.00	56.07	68.20	-12.13	H	Peak	Pass	Full RU	Harmonic
7	802.11ax HE20	36	5147.96	46.82	54.00	-7.18	H	Avg.	Pass	Partial_106/53RU	Band Edge
	802.11ax HE20	36	-	-	-	-	-	-	-	Partial_106/53RU	Harmonic

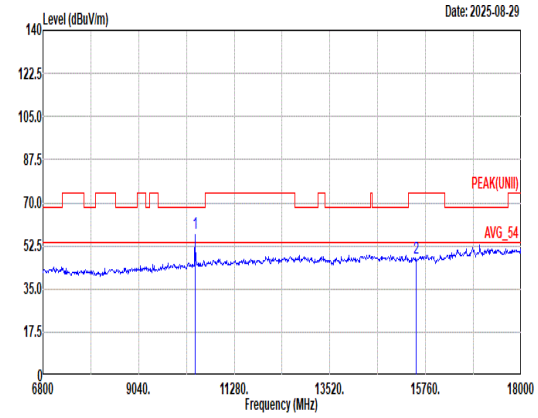
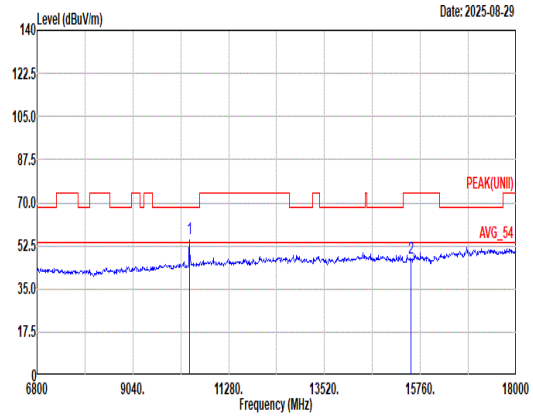
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
8	802.11a	52	5145.34	42.80	54.00	-11.20	H	Avg.	Pass	-	Band Edge
	802.11a	52	10520.00	58.19	68.20	-10.01	H	Peak	Pass	-	Harmonic
9	802.11a	60	5350.40	43.20	54.00	-10.80	H	Avg.	Pass	-	Band Edge
	802.11a	60	10600.00	49.58	54.00	-4.42	H	Avg.	Pass	-	Harmonic
10	802.11a	64	5350.10	49.48	54.00	-4.52	H	Avg.	Pass	-	Band Edge
	802.11a	64	10640.00	50.28	54.00	-3.72	H	Avg.	Pass	-	Harmonic
11	802.11ax HE20	52	5145.86	43.05	54.00	-10.95	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	52	10520.00	56.94	68.20	-11.26	H	Peak	Pass	Full RU	Harmonic
12	802.11ax HE20	60	5350.88	43.56	54.00	-10.44	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	60	10600.00	49.08	54.00	-4.92	H	Avg.	Pass	Full RU	Harmonic
13	802.11ax HE20	64	5350.38	51.00	54.00	-3.00	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	64	10640.00	49.31	54.00	-4.69	H	Avg.	Pass	Full RU	Harmonic
14	802.11ax HE20	64	5350.38	45.08	54.00	-8.92	H	Avg.	Pass	Partial_106/54RU	Band Edge
	802.11ax HE20	64	-	-	-	-	-	-	-	Partial_106/54RU	Harmonic

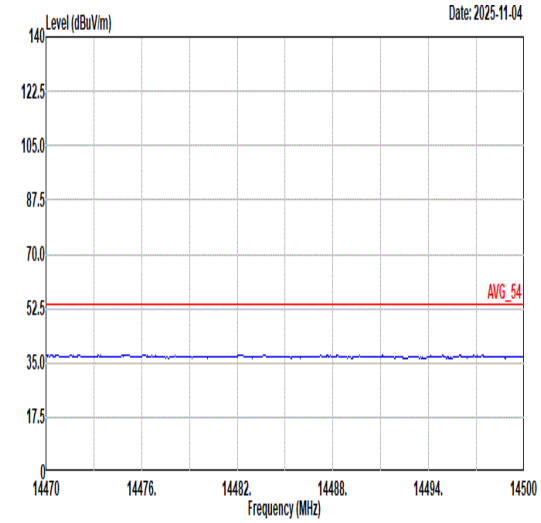
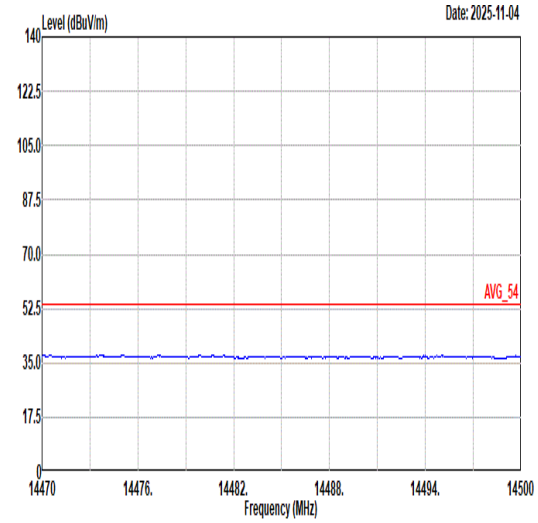
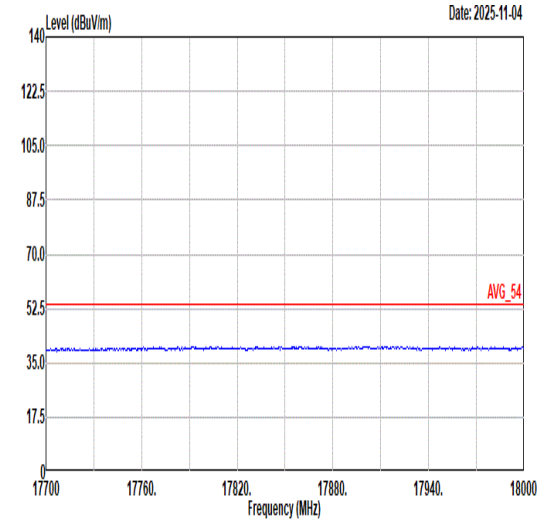
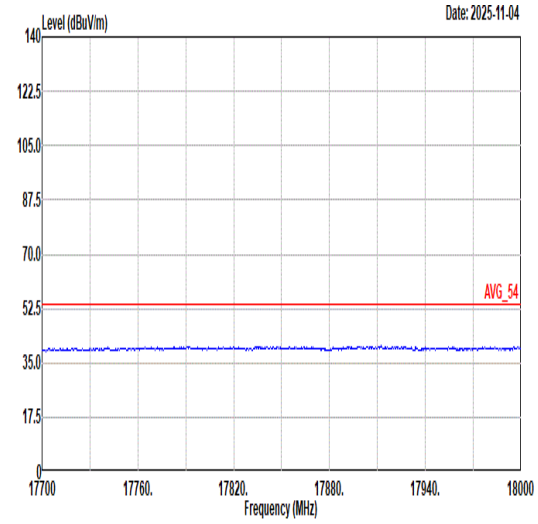
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
15	802.11a	100	5469.40	64.84	68.20	-3.36	H	Peak	Pass	-	Band Edge
	802.11a	100	11000.00	50.40	54.00	-3.60	H	Avg.	Pass	-	Harmonic
16	802.11a	116	5449.36	42.49	54.00	-11.51	H	Avg.	Pass	-	Band Edge
	802.11a	116	11160.00	50.50	54.00	-3.50	H	Avg.	Pass	-	Harmonic
17	802.11a	140	5726.78	64.83	68.20	-3.37	H	Peak	Pass	-	Band Edge
	802.11a	140	11400.00	49.09	54.00	-4.91	H	Avg.	Pass	-	Harmonic
18	802.11ax HE20	100	5459.65	47.90	54.00	-6.10	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	100	11000.00	49.56	54.00	-4.44	H	Avg.	Pass	Full RU	Harmonic
19	802.11ax HE20	116	5459.48	42.53	54.00	-11.47	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	116	11160.00	49.85	54.00	-4.15	H	Avg.	Pass	Full RU	Harmonic
20	802.11ax HE20	140	5727.56	63.46	68.20	-4.74	V	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	140	11400.00	48.43	54.00	-5.57	H	Avg.	Pass	Full RU	Harmonic
21	802.11ax HE20	140	5725.94	61.05	68.20	-7.15	H	Peak	Pass	Partial_106/54RU	Band Edge
	802.11ax HE20	140	-	-	-	-	-	-	-	Partial_106/54RU	Harmonic
22	802.11a	144	5442.82	42.15	54.00	-11.85	H	Avg.	Pass	-	Band Edge
	802.11a	144	11440.00	50.30	54.00	-3.70	H	Avg.	Pass	-	Harmonic
23	802.11ax HE20	144	5454.13	42.53	54.00	-11.47	H	Avg.	Pass	-	Band Edge
	802.11ax HE20	144	11440.00	49.96	54.00	-4.04	H	Avg.	Pass	-	Harmonic

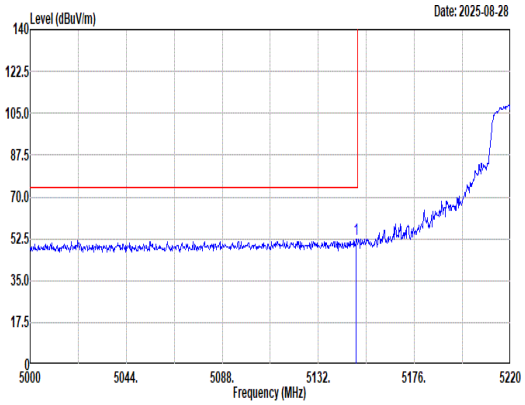
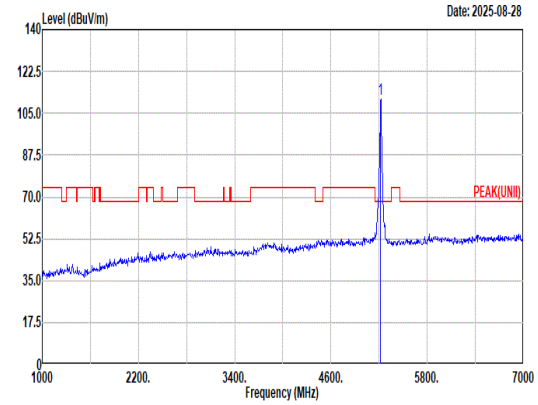
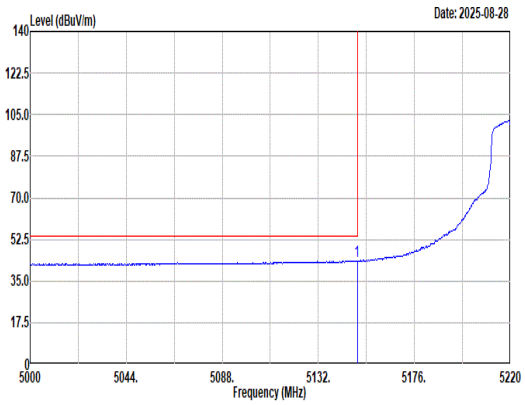
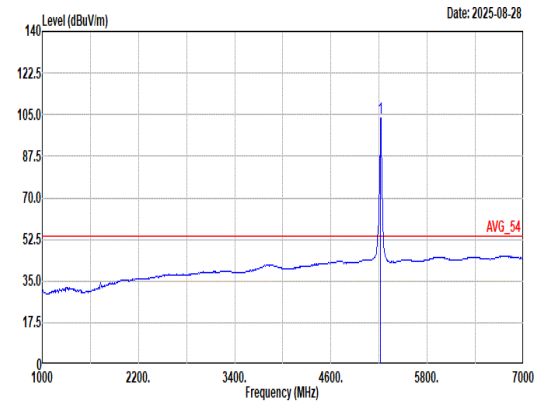
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
24	LF	64	30.00	31.68	40.00	-8.32	V	Peak	Pass	-	LF
33	802.11ac VHT20	64	5351.22	49.47	54.00	-4.53	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	64	10640.00	48.61	54.00	-5.39	H	Avg.	Pass	-	Harmonic
36	SHF	64	39199.11	46.18	74.00	-27.82	V	Peak	Pass	-	SHF

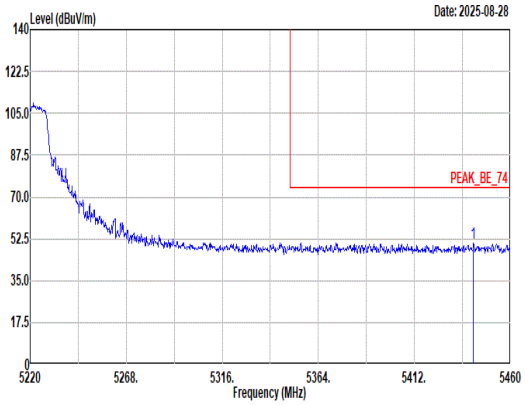
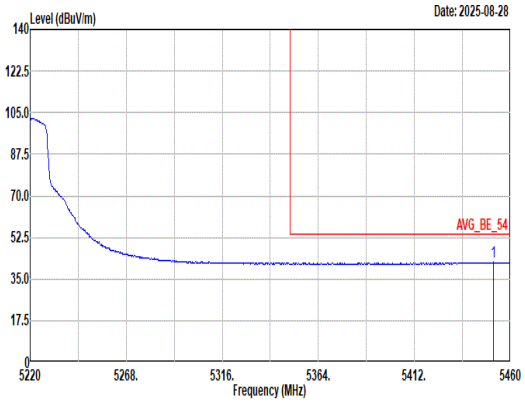
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.22 63.76 74.00 -10.24 50.51 34.59 12.35 33.69 0.00 199 197 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5180.00 109.35 ------ ------ 96.07 34.60 12.38 33.70 0.00 199 197 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.40 49.89 54.00 -4.11 36.63 34.60 12.35 33.69 0.00 199 197 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5180.00 102.42 ------ ------ 89.14 34.60 12.38 33.70 0.00 199 197 Average

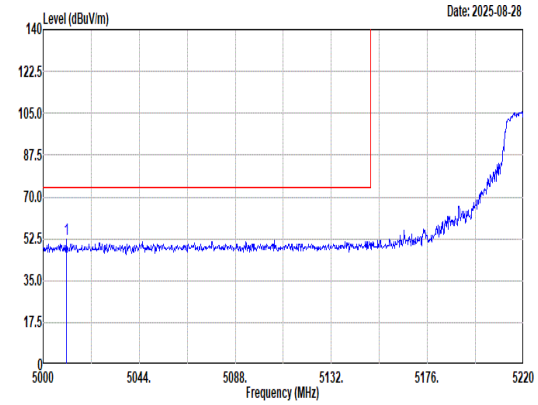
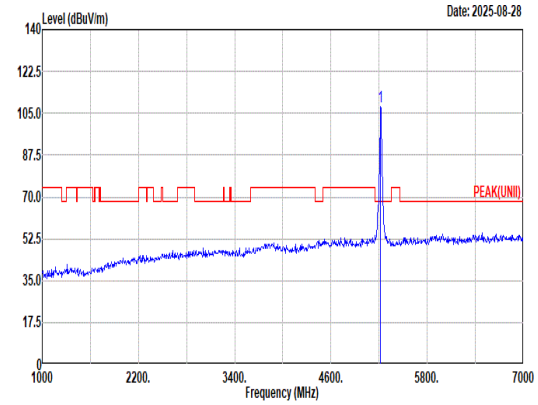
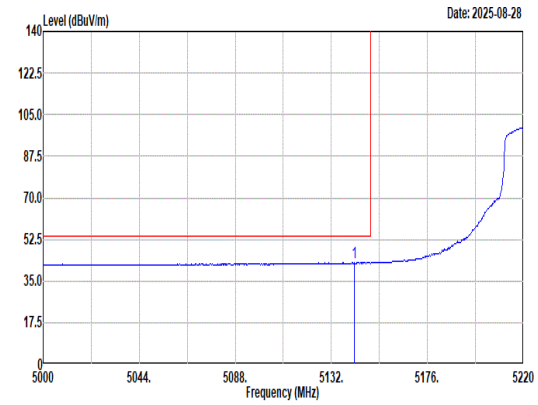
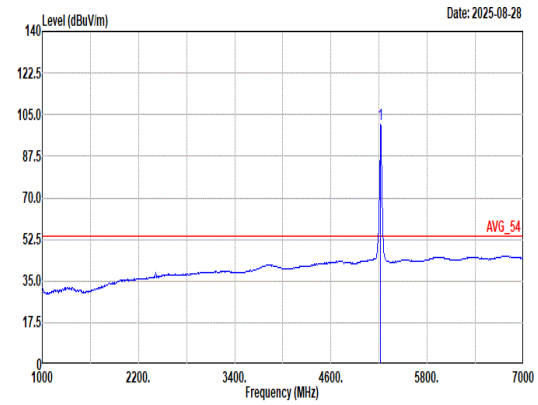
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5146.70 60.48 74.00 -13.52 47.25 34.57 12.35 33.69 0.00 200 232 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5180.00 106.39 ------ ------ 93.10 34.60 12.39 33.70 0.00 200 232 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.76 46.86 54.00 -7.14 33.60 34.60 12.35 33.69 0.00 200 232 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 99.12 ------ ------ 85.84 34.60 12.38 33.70 0.00 200 232 Average

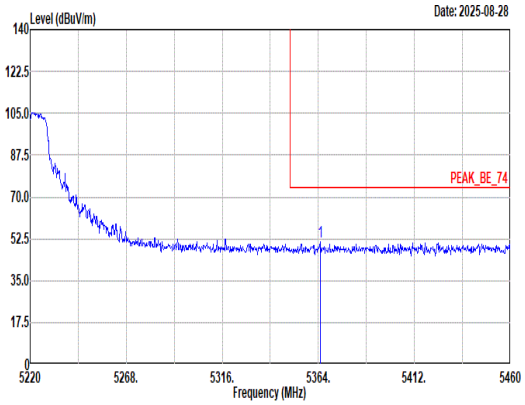
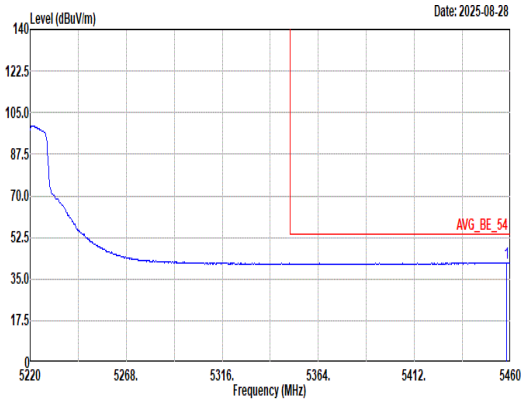
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 57.78 68.20 -10.42 59.82 37.58 18.16 58.87 1.09 373 185 Peak 2 15540.00 47.33 74.00 -26.67 40.58 40.56 21.26 56.39 1.32 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 55.48 68.20 -12.72 57.52 37.58 18.16 58.87 1.09 393 179 Peak 2 15540.00 47.58 74.00 -26.42 40.83 40.56 21.26 56.39 1.32 -- -- Peak

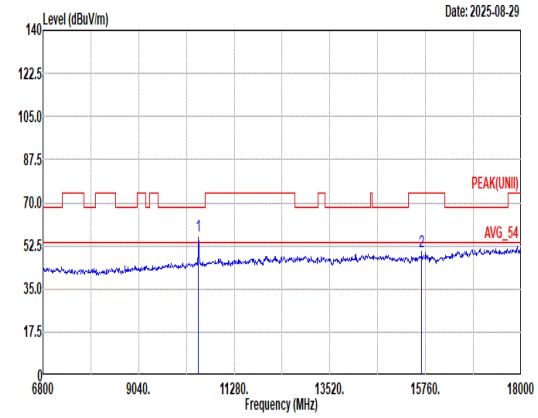
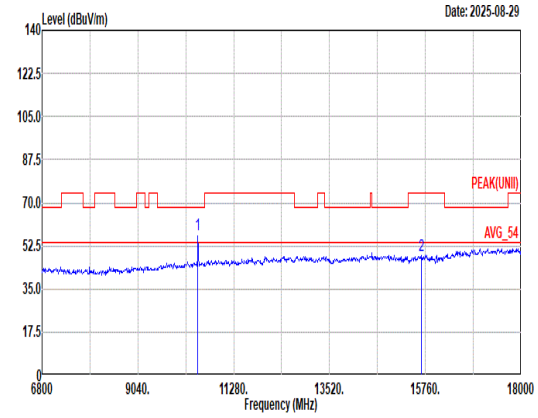
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

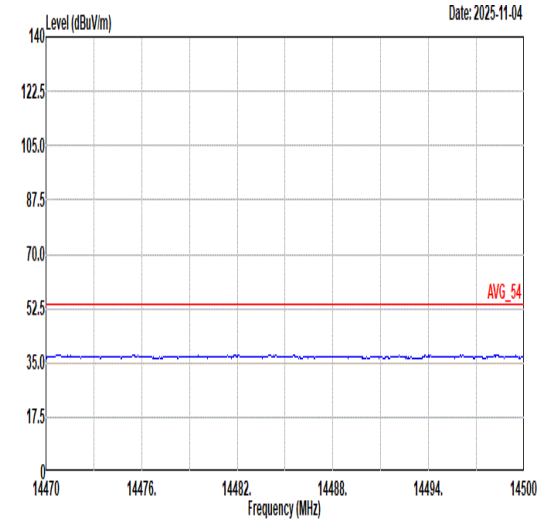
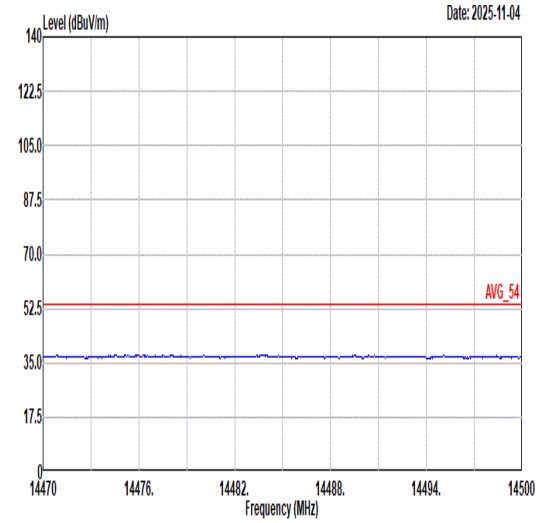
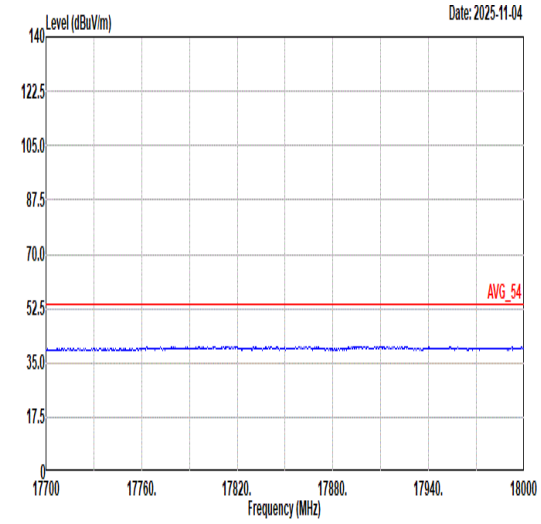
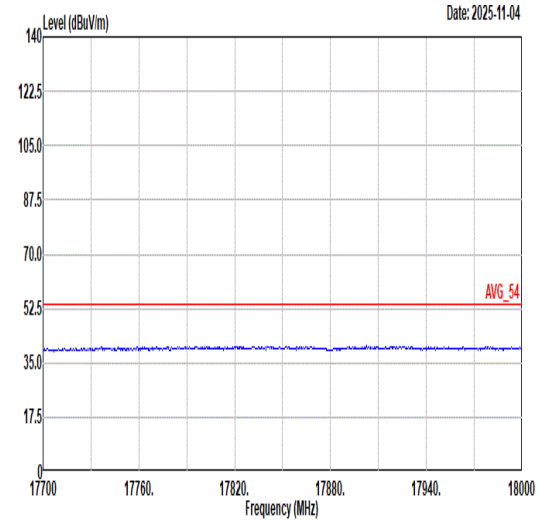
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.38 52.46 74.00 -21.54 39.20 34.60 12.35 33.69 0.00 201 300 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5220.00 110.74 ------ ------ 97.46 34.55 12.43 33.70 0.00 201 300 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.82 43.54 54.00 -10.46 30.28 34.60 12.35 33.69 0.00 201 300 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5220.00 103.76 ------ ------ 90.48 34.55 12.43 33.70 0.00 201 300 Average

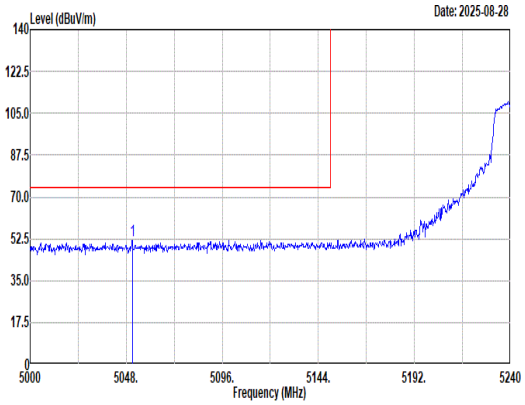
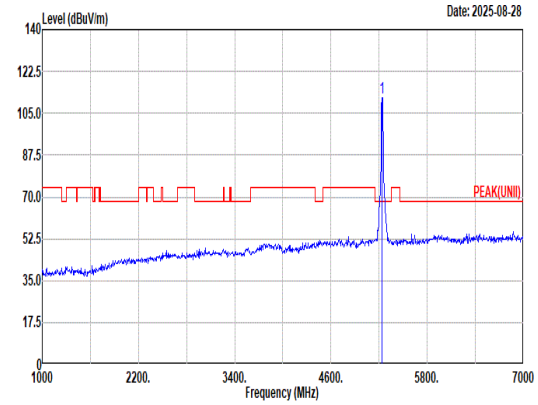
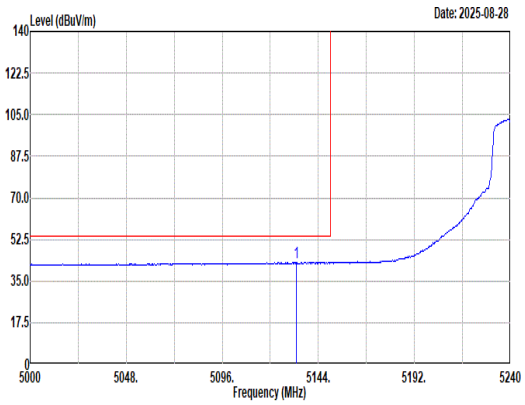
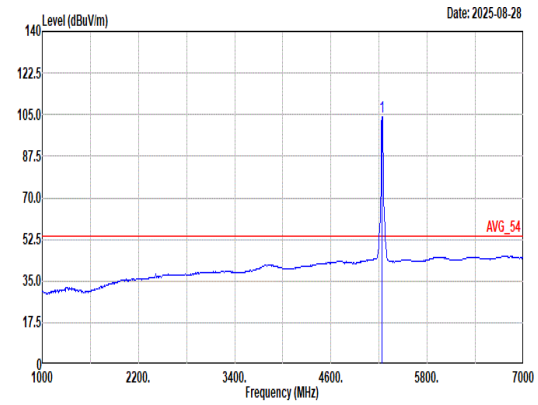
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5441.52 50.82 74.00 -23.18 37.20 34.68 12.66 33.72 0.00 201 300 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5451.60 42.00 54.00 -12.00 28.34 34.71 12.68 33.73 0.00 201 300 Average	Blank

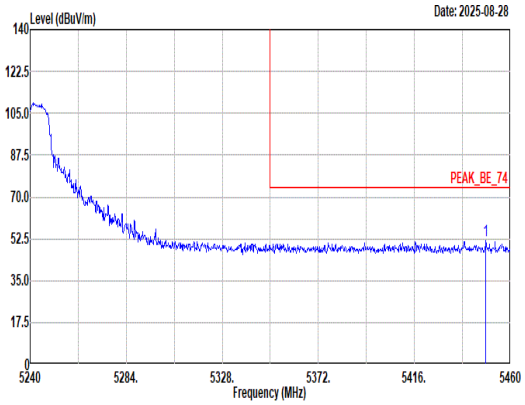
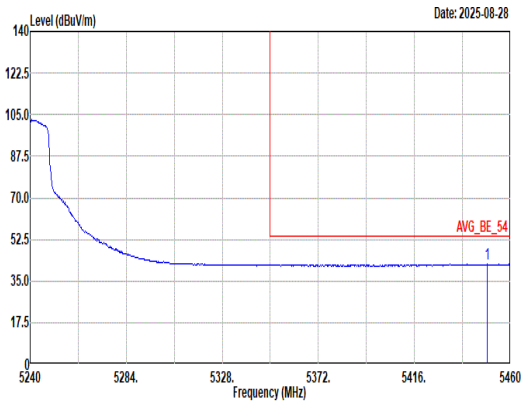
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5010.56 52.08 74.00 -21.92 39.22 34.34 12.20 33.68 0.00 209 235 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5220.00 107.78 ------ ------ 94.49 34.56 12.43 33.70 0.00 209 235 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5142.56 42.76 54.00 -11.24 29.56 34.54 12.35 33.69 0.00 209 235 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5220.00 100.65 ------ ------ 87.36 34.56 12.43 33.70 0.00 209 235 Average

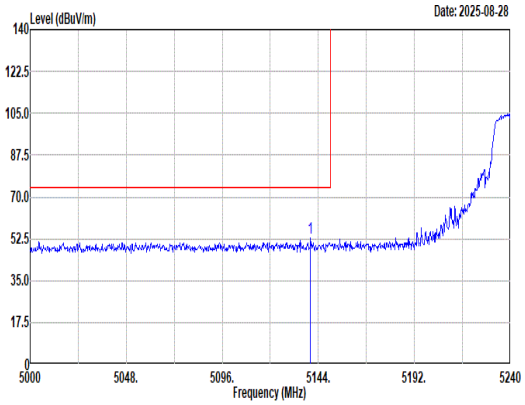
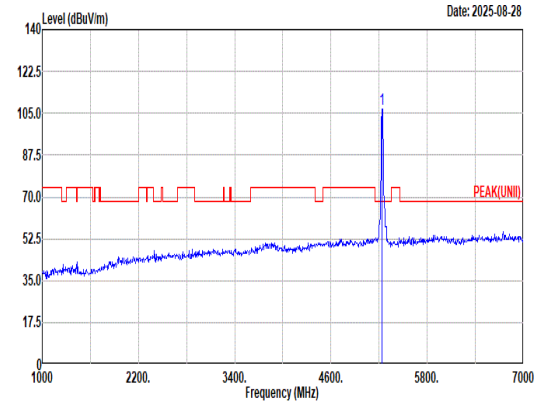
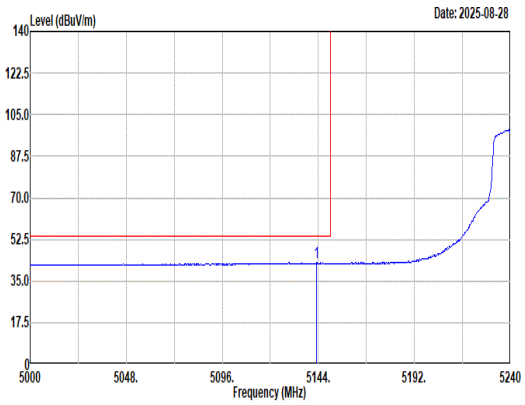
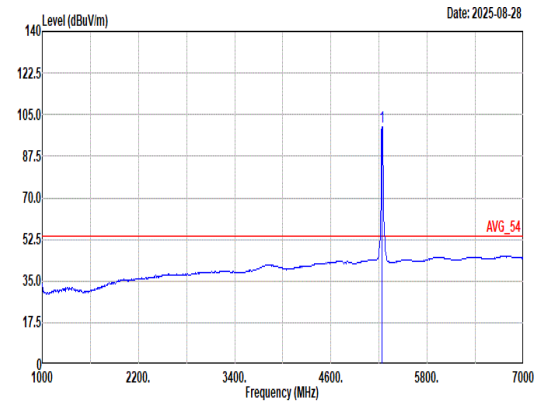
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5364.96 51.18 74.00 -22.82 37.68 34.67 12.55 33.72 0.00 209 235 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5458.08 41.86 54.00 -12.14 28.17 34.73 12.69 33.73 0.00 209 235 Average	Blank

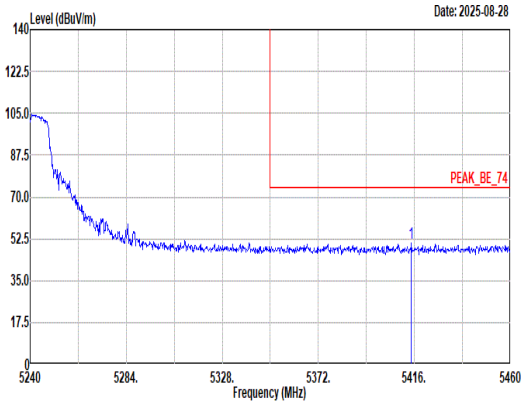
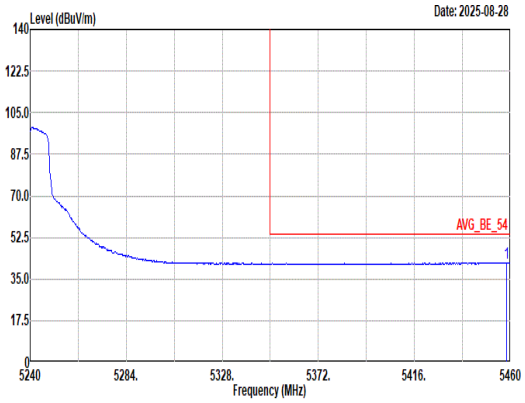
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 56.51 68.20 -11.69 58.49 37.50 18.21 58.79 1.10 400 74 Peak 2 15660.00 50.16 74.00 -23.84 43.59 40.48 21.34 56.56 1.31 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 57.11 68.20 -11.09 59.09 37.50 18.21 58.79 1.10 400 188 Peak 2 15660.00 48.40 74.00 -25.60 41.83 40.48 21.34 56.56 1.31 -- -- Peak

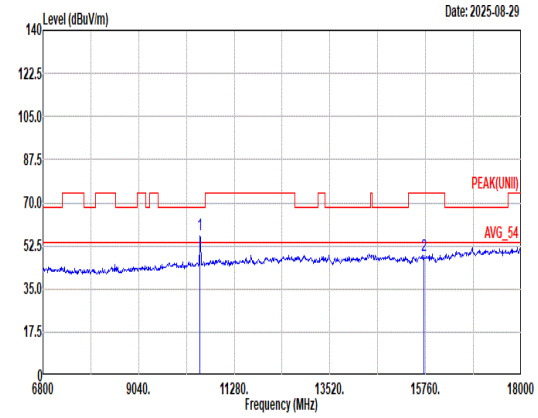
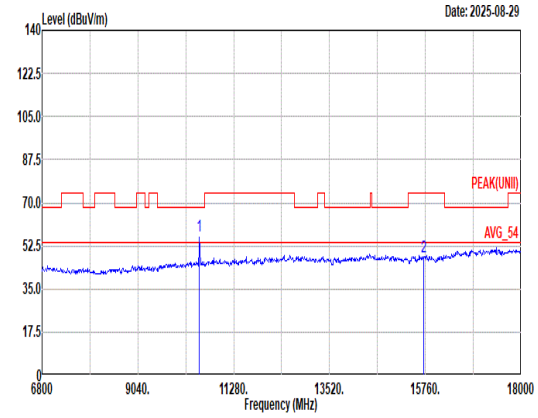
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

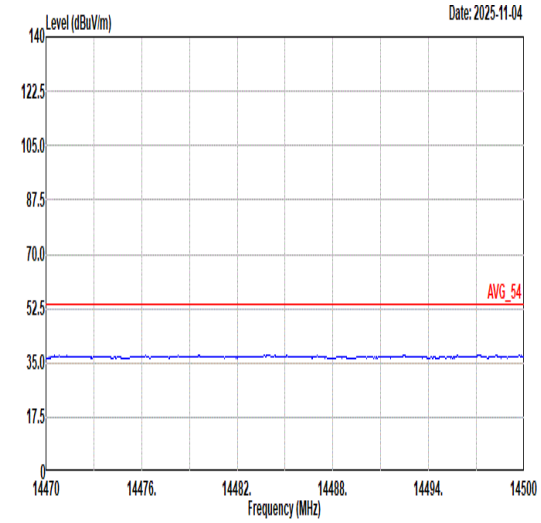
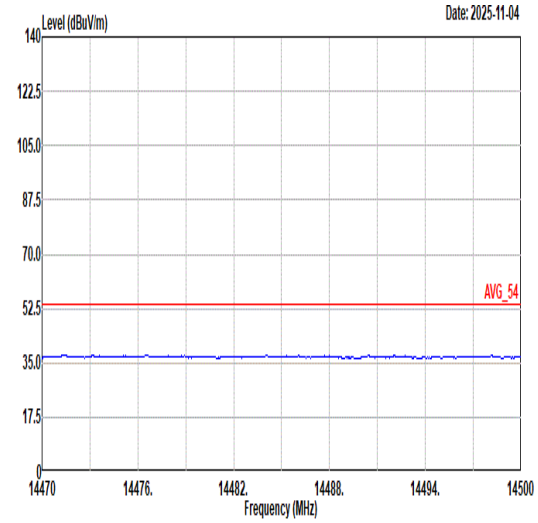
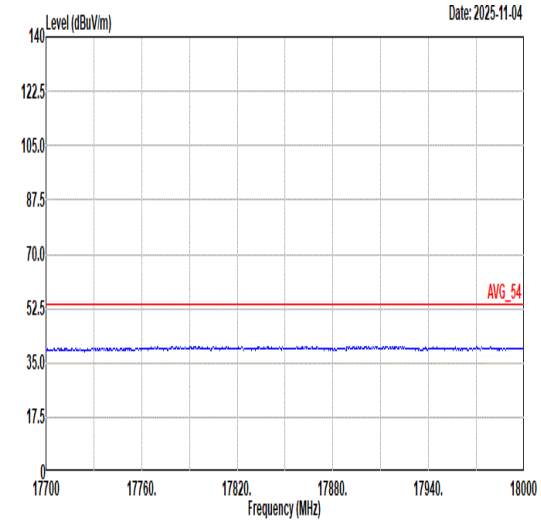
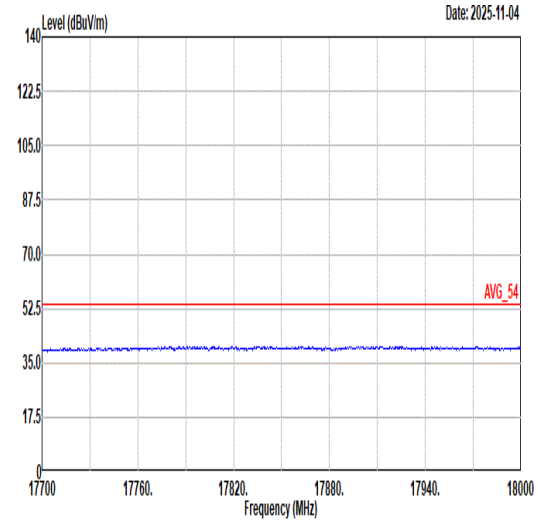
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5051.12 51.62 74.00 -22.38 38.96 34.10 12.25 33.69 0.00 187 200 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5240.00 111.73 ------ ------ 98.46 34.53 12.44 33.70 0.00 187 200 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5132.96 42.78 54.00 -11.22 29.67 34.46 12.34 33.69 0.00 187 200 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5240.00 104.26 ------ ------ 90.99 34.52 12.45 33.70 0.00 187 200 Average

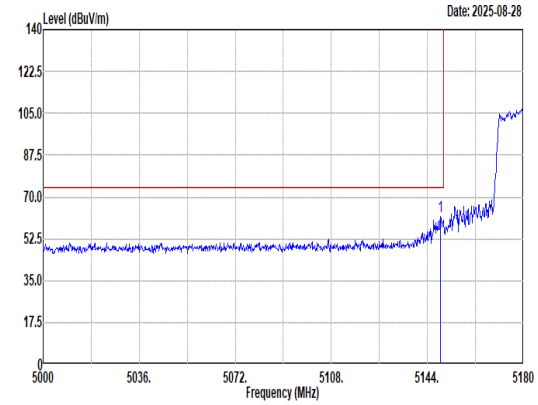
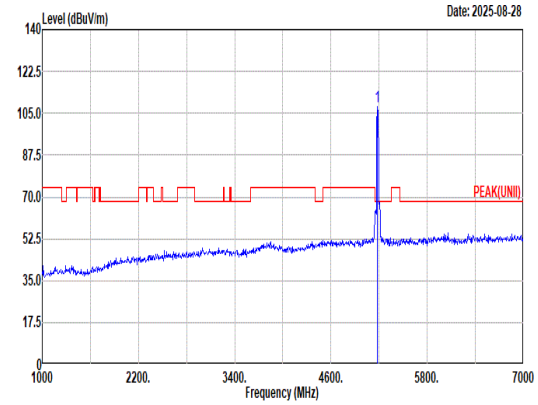
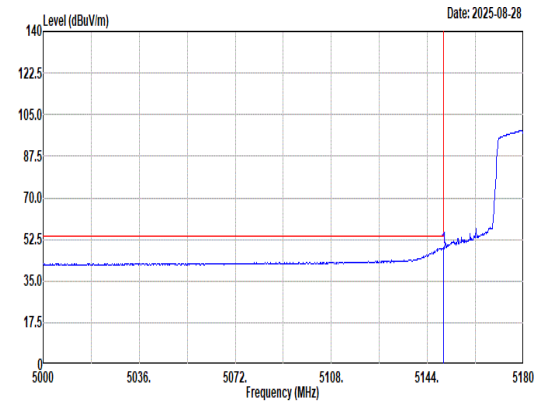
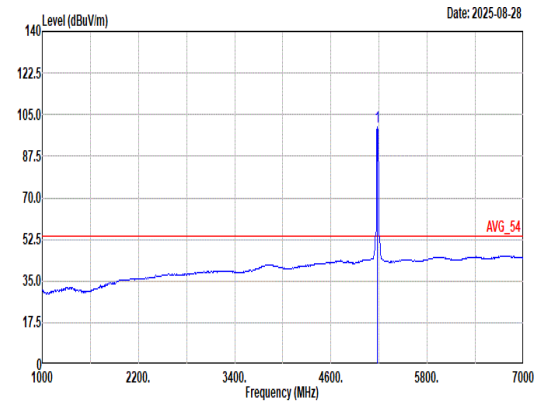
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5448.78 51.69 74.00 -22.31 38.04 34.70 12.67 33.72 0.00 187 200 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5449.44 42.14 54.00 -11.86 28.49 34.70 12.67 33.72 0.00 187 200 Average	Blank

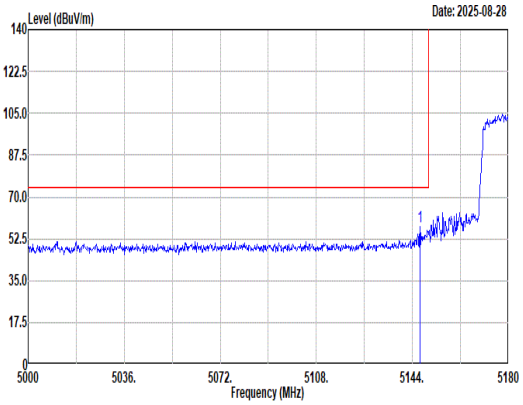
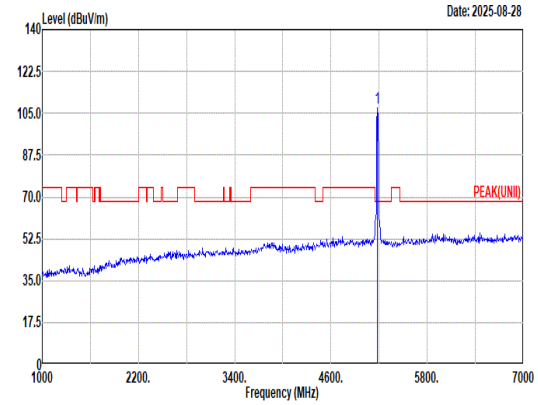
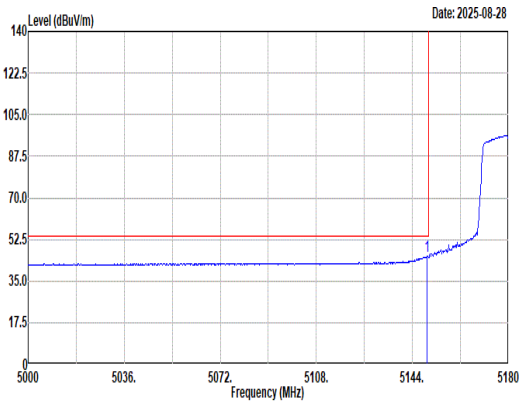
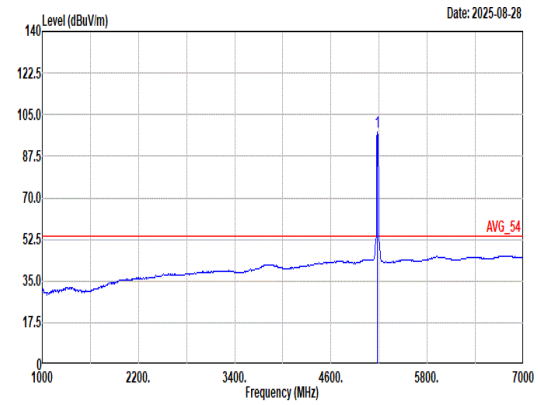
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5140.16 52.70 74.00 -21.30 39.53 34.52 12.34 33.69 0.00 206 234 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5240.00 106.66 ------ ------ 93.39 34.53 12.44 33.70 0.00 206 234 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5143.04 42.60 54.00 -11.40 29.40 34.54 12.35 33.69 0.00 206 234 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 99.98 ------ ------ 86.71 34.52 12.45 33.70 0.00 206 234 Average

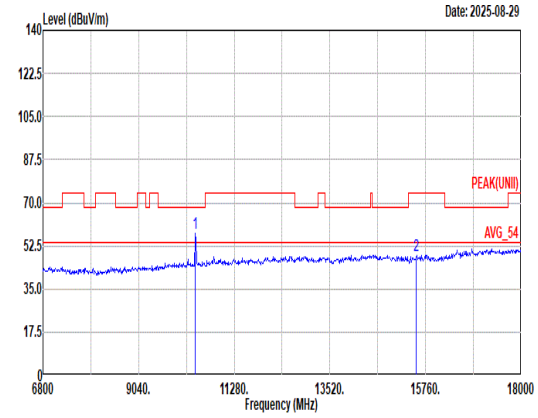
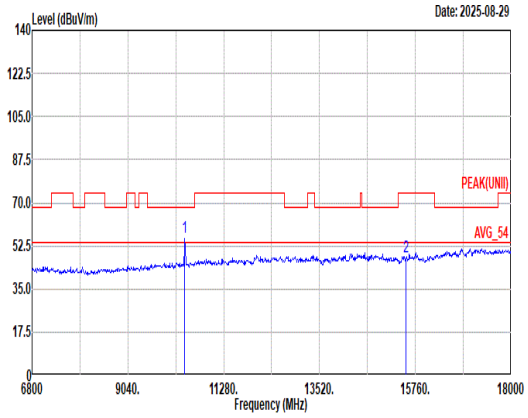
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5414.68 50.91 74.00 -23.09 37.39 34.63 12.61 33.72 0.00 206 234 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5458.24 41.87 54.00 -12.13 28.18 34.73 12.69 33.73 0.00 206 234 Average	Blank

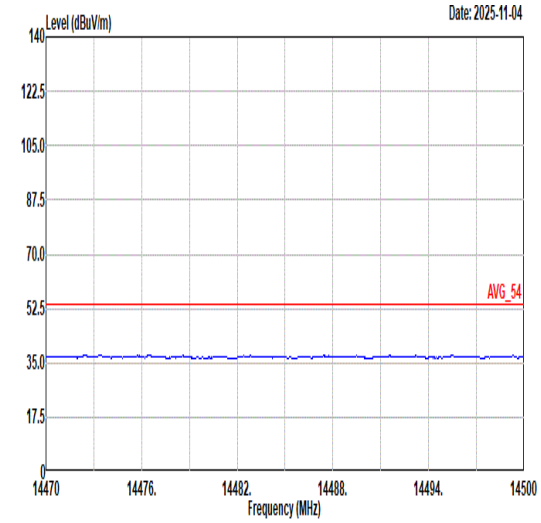
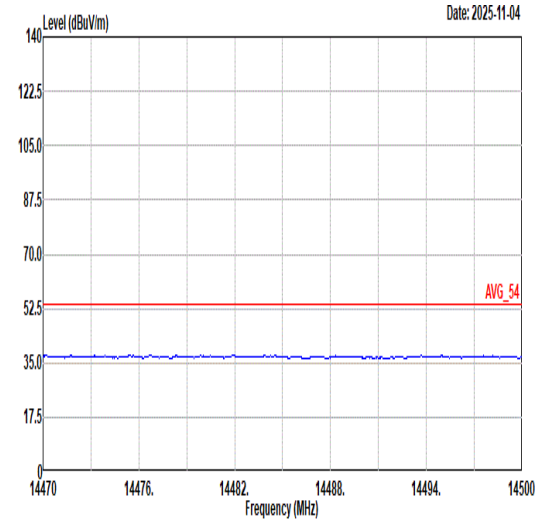
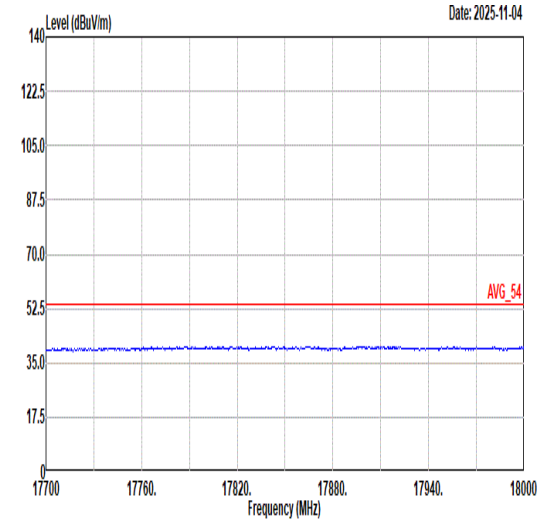
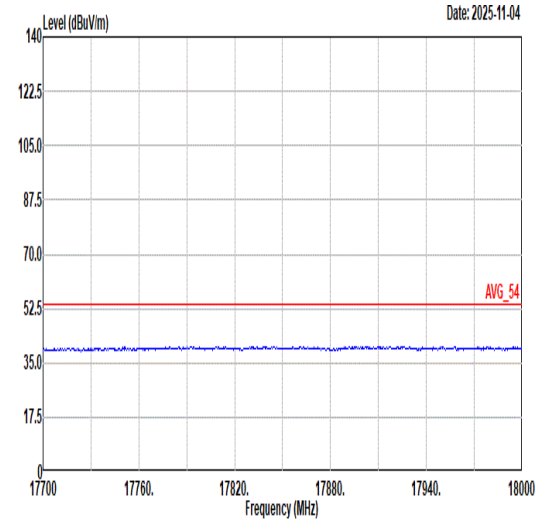
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 57.26 68.20 -10.94 59.11 37.56 18.24 58.75 1.10 206 173 Peak 2 15720.00 48.75 74.00 -25.25 41.83 40.88 21.38 56.64 1.30 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 56.60 68.20 -11.60 58.45 37.56 18.24 58.75 1.10 394 196 Peak 2 15720.00 48.22 74.00 -25.78 41.30 40.88 21.38 56.64 1.30 -- -- Peak

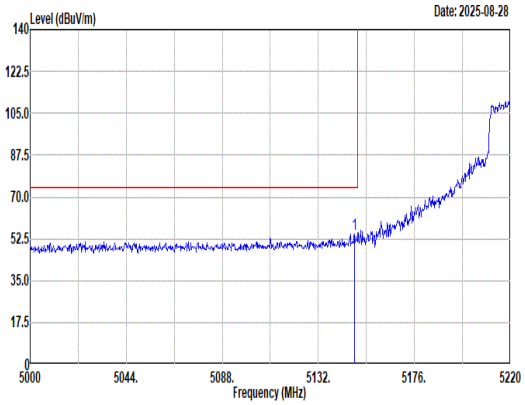
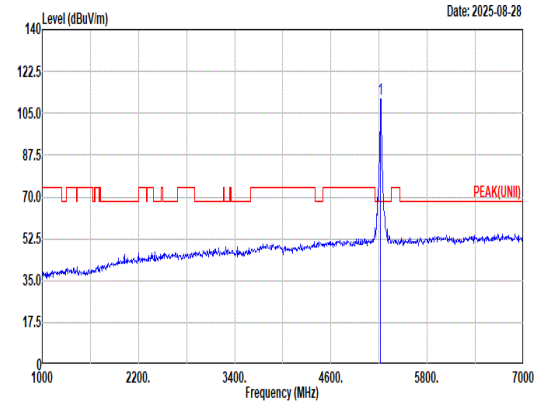
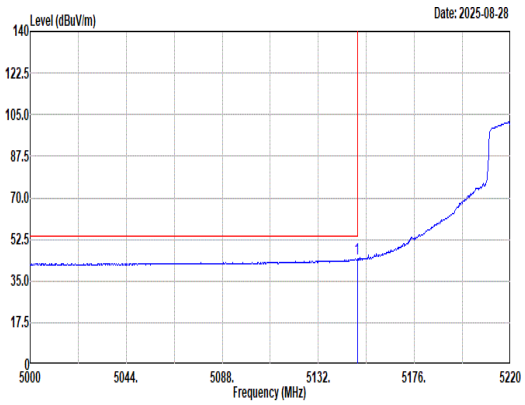
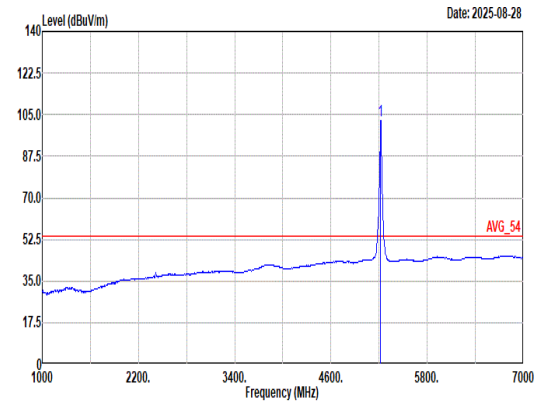
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

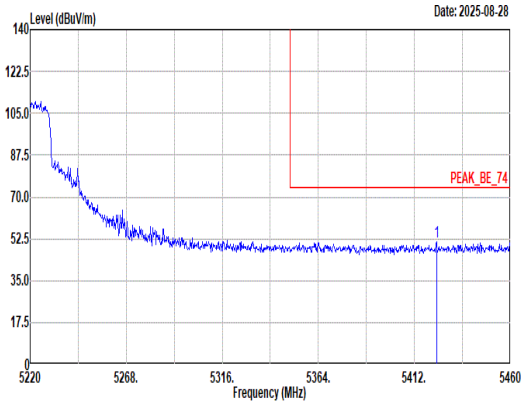
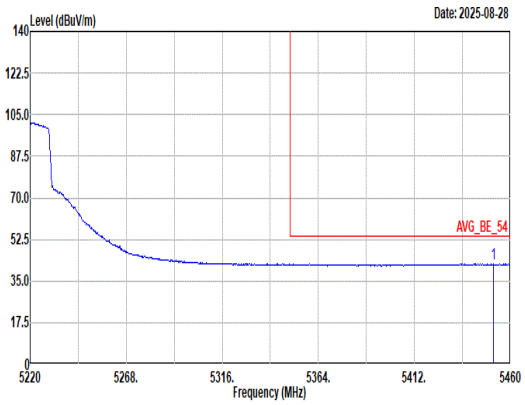
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.86 61.75 74.00 -12.25 48.50 34.59 12.35 33.69 0.00 167 196 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5180.00 107.87 ------ ------ 94.58 34.60 12.39 33.70 0.00 167 196 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 48.94 54.00 -5.06 35.68 34.60 12.35 33.69 0.00 167 196 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 99.66 ------ ------ 86.37 34.60 12.39 33.70 0.00 167 196 Average

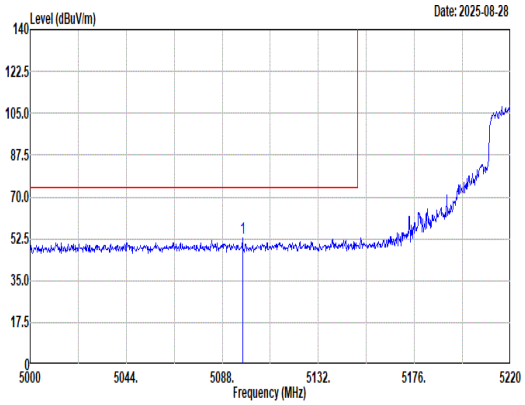
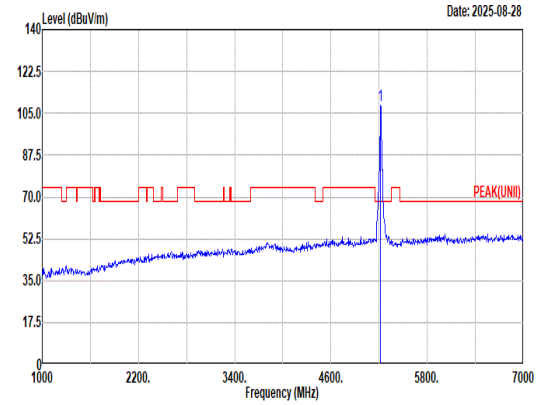
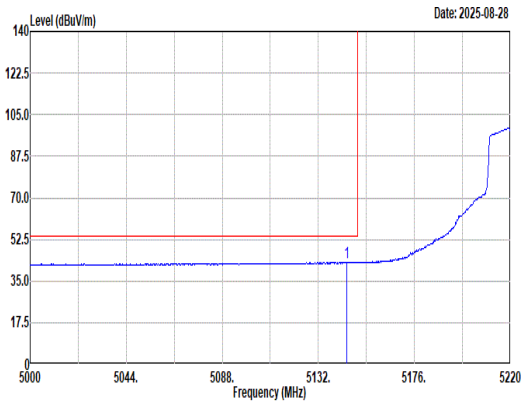
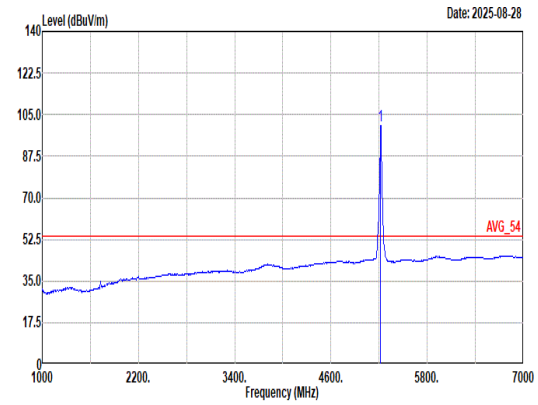
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5146.88 57.63 74.00 -16.37 44.39 34.58 12.35 33.69 0.00 400 37 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5180.00 107.27 ------ ------ 93.98 34.60 12.39 33.70 0.00 400 37 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 45.20 54.00 -8.80 31.94 34.60 12.35 33.69 0.00 400 37 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 97.55 ------ ------ 84.26 34.60 12.39 33.70 0.00 400 37 Average

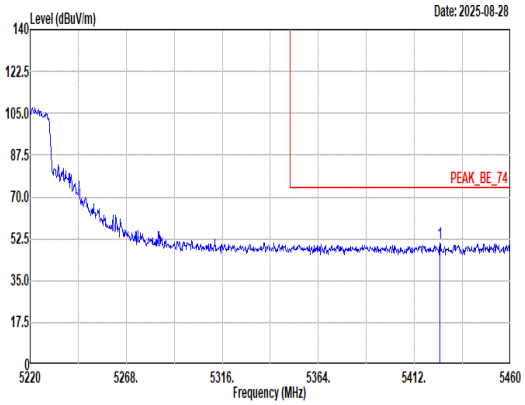
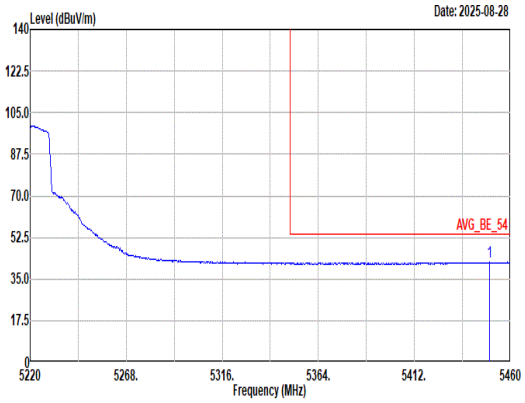
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10360.00 57.33 68.20 -10.87 59.37 37.58 18.16 58.87 1.09 371 185 Peak 2 15540.00 48.66 74.00 -25.34 41.91 40.56 21.26 56.39 1.32 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10360.00 55.81 68.20 -12.39 57.85 37.58 18.16 58.87 1.09 200 295 Peak 2 15540.00 47.89 74.00 -26.11 41.14 40.56 21.26 56.39 1.32 -- -- Peak

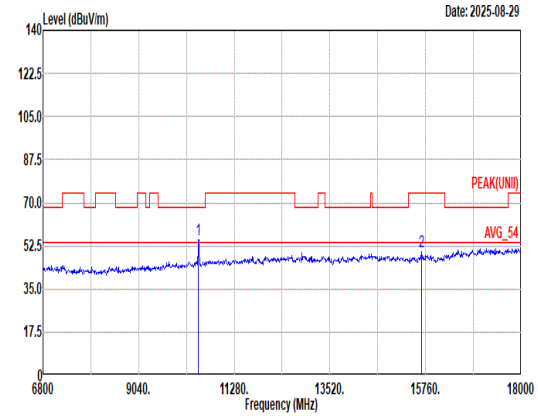
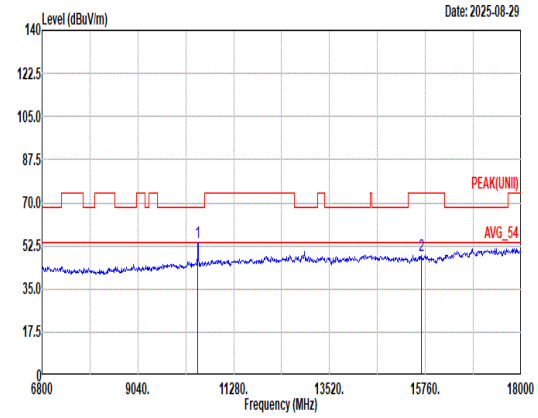
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

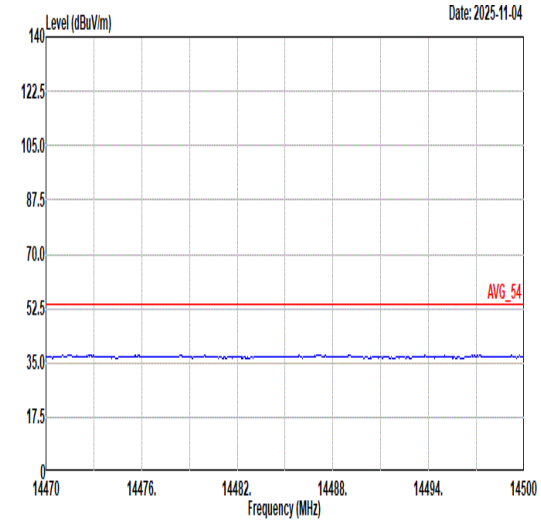
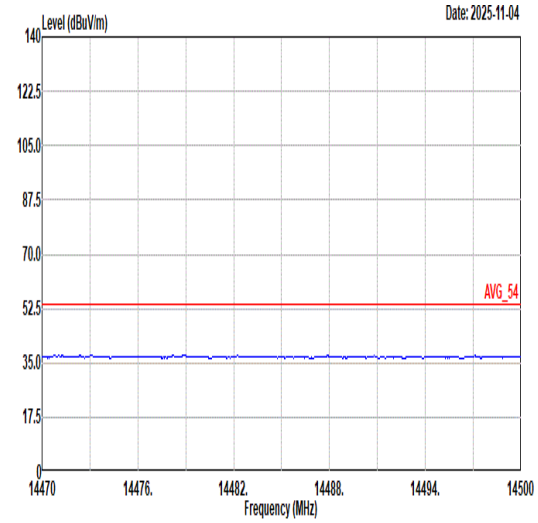
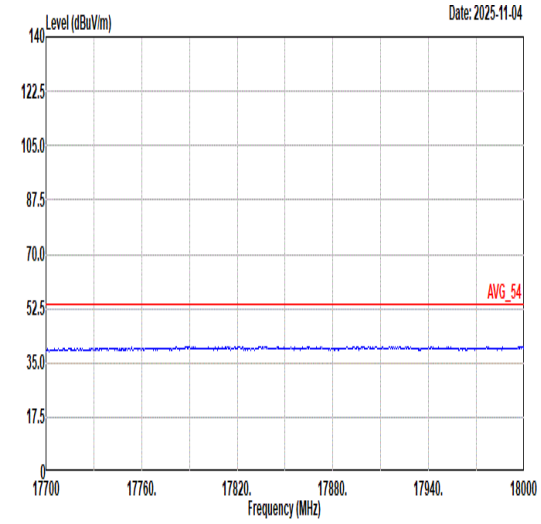
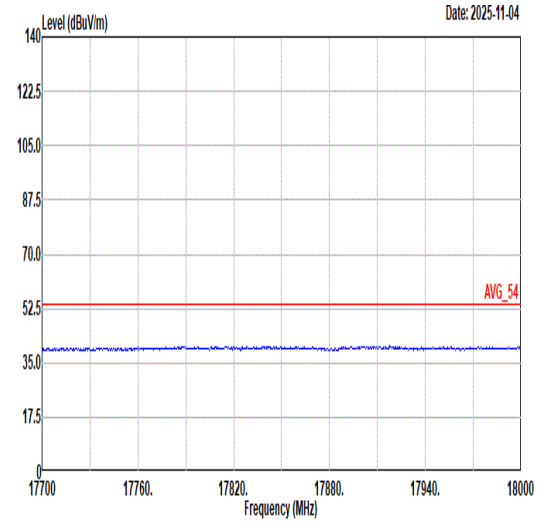
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.50 54.51 74.00 -19.49 41.26 34.59 12.35 33.69 0.00 189 200 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5220.00 111.20 ------ ------ 97.91 34.56 12.43 33.70 0.00 189 200 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5149.82 44.34 54.00 -9.66 31.08 34.60 12.35 33.69 0.00 189 200 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5220.00 102.74 ------ ------ 89.46 34.55 12.43 33.70 0.00 189 200 Average

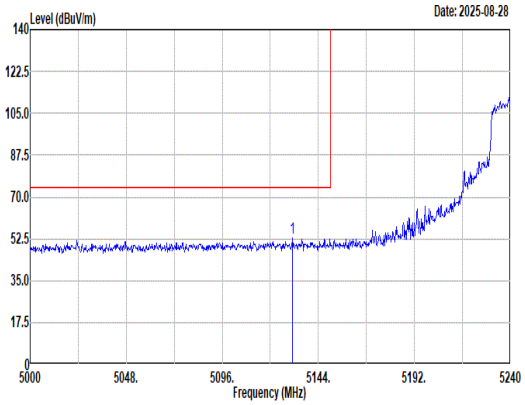
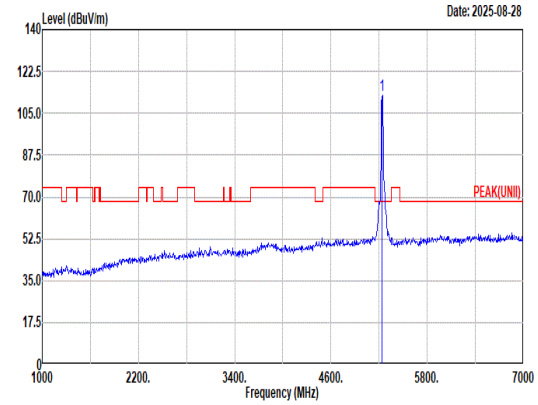
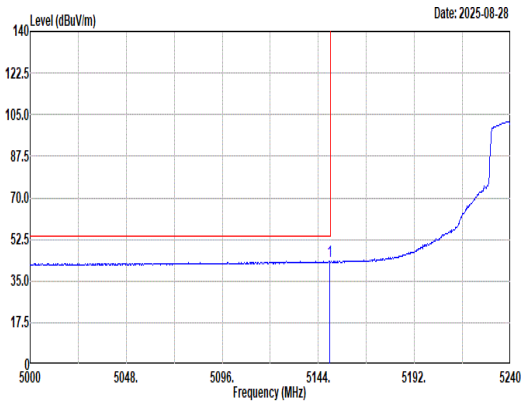
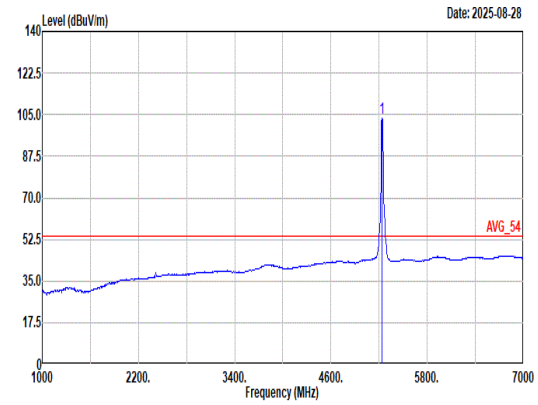
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5423.04 51.29 74.00 -22.71 37.74 34.65 12.62 33.72 0.00 189 200 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5451.36 42.20 54.00 -11.80 28.54 34.71 12.68 33.73 0.00 189 200 Average	Blank

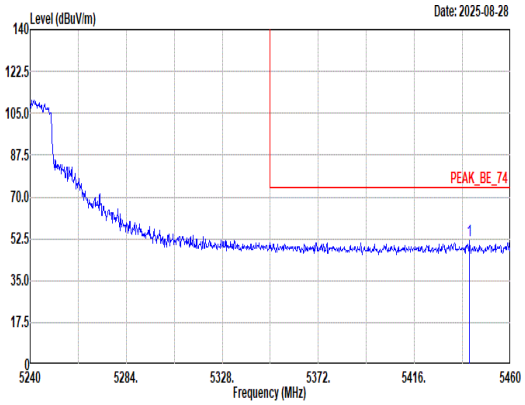
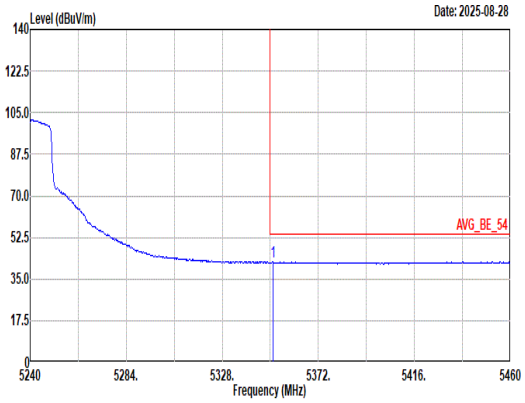
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5097.24 52.71 74.00 -21.29 39.91 34.19 12.30 33.69 0.00 207 74 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5220.00 108.12 ------ ------ 94.83 34.56 12.43 33.70 0.00 207 74 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5144.98 42.88 54.00 -11.12 29.66 34.56 12.35 33.69 0.00 207 74 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5220.00 100.58 ------ ------ 87.29 34.56 12.43 33.70 0.00 207 74 Average

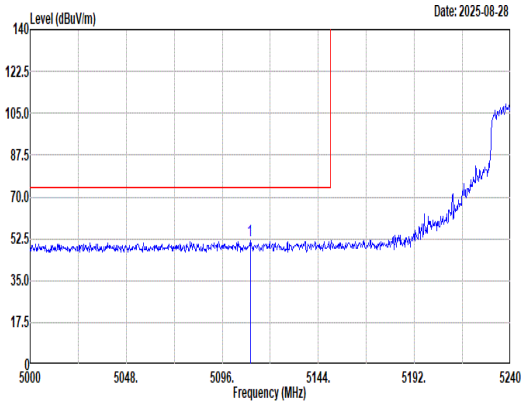
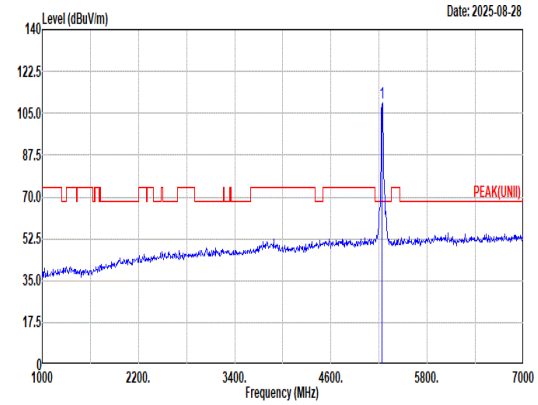
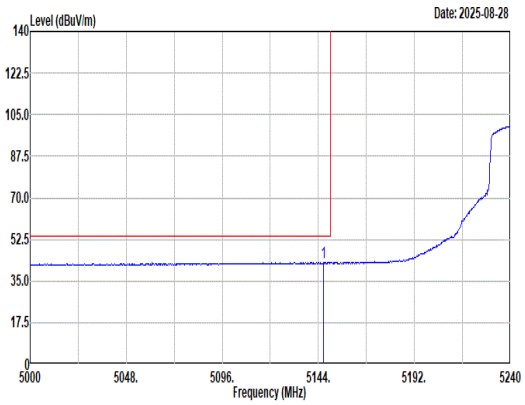
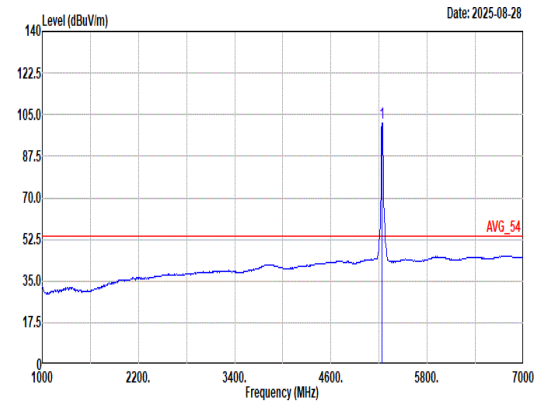
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5424.72 50.70 74.00 -23.30 37.14 34.65 12.63 33.72 0.00 207 74 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5449.44 42.09 54.00 -11.91 28.44 34.70 12.67 33.72 0.00 207 74 Average	Blank

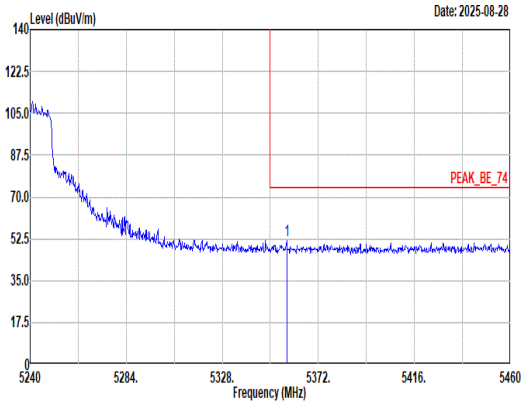
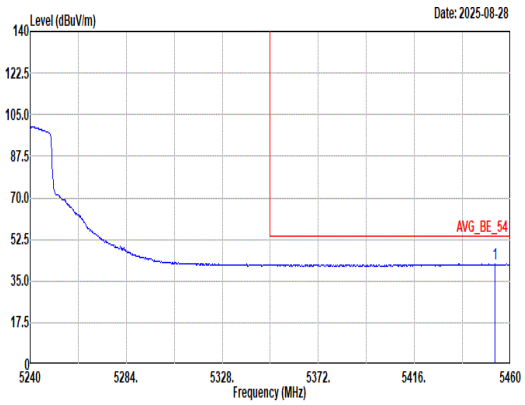
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 55.10 68.20 -13.10 57.08 37.50 18.21 58.79 1.10 212 0 Peak 2 15660.00 49.98 74.00 -24.02 43.41 40.48 21.34 56.56 1.31 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 54.05 68.20 -14.15 56.03 37.50 18.21 58.79 1.10 400 189 Peak 2 15660.00 48.40 74.00 -25.60 41.83 40.48 21.34 56.56 1.31 -- -- Peak

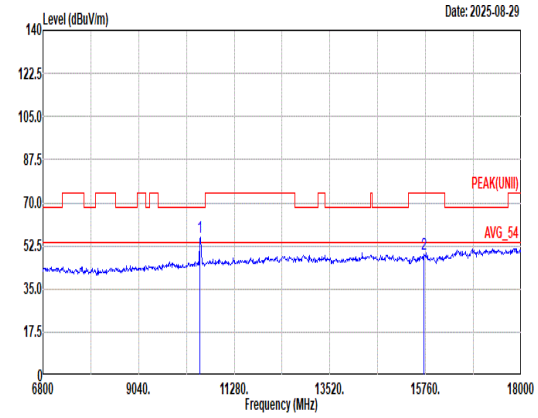
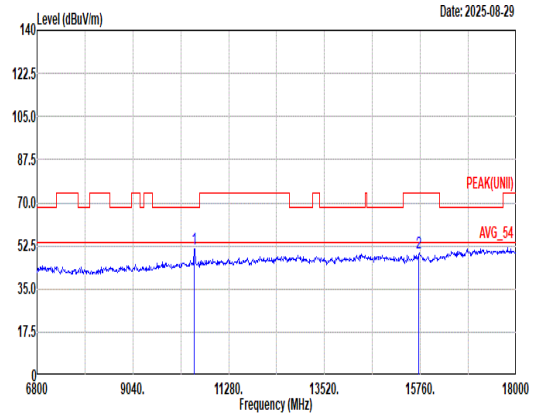
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

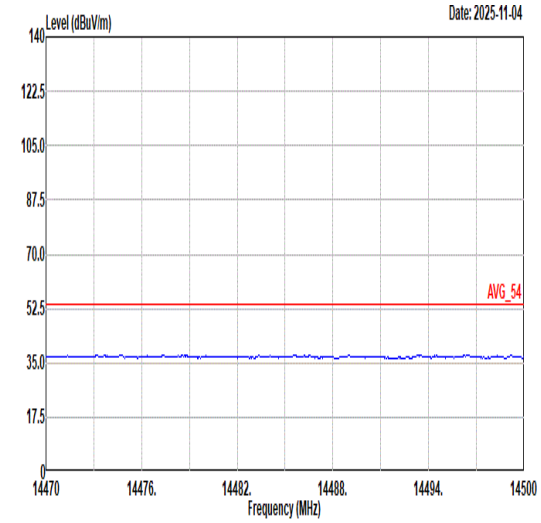
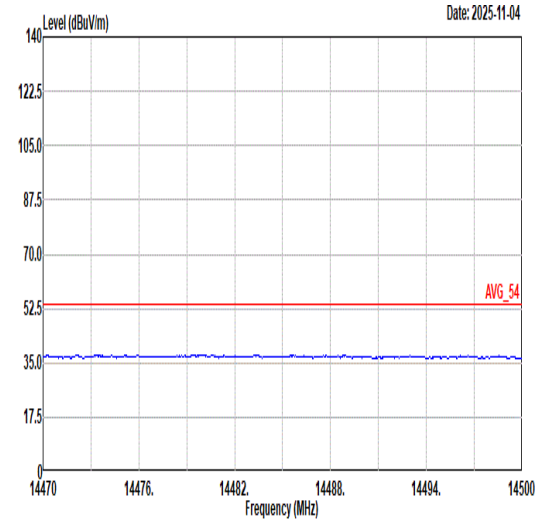
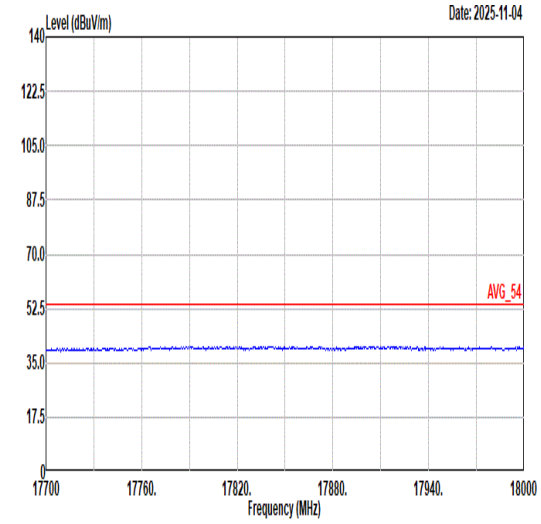
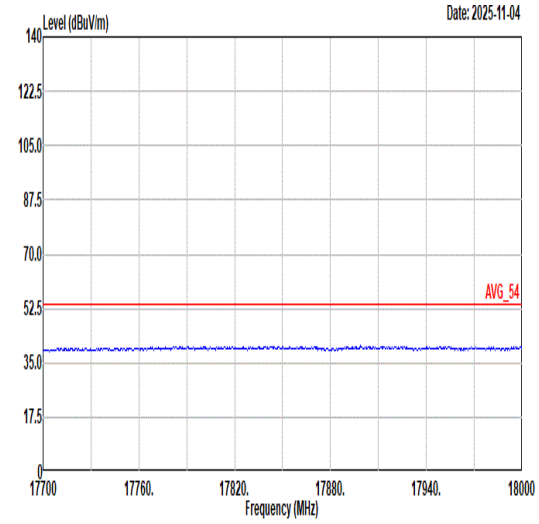
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5131.04 52.65 74.00 -21.35 39.56 34.45 12.33 33.69 0.00 186 200 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5240.00 112.38 ------ ------ 99.11 34.52 12.45 33.70 0.00 186 200 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5149.52 43.19 54.00 -10.81 29.93 34.60 12.35 33.69 0.00 186 200 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5240.00 103.33 ------ ------ 90.06 34.53 12.44 33.70 0.00 186 200 Average

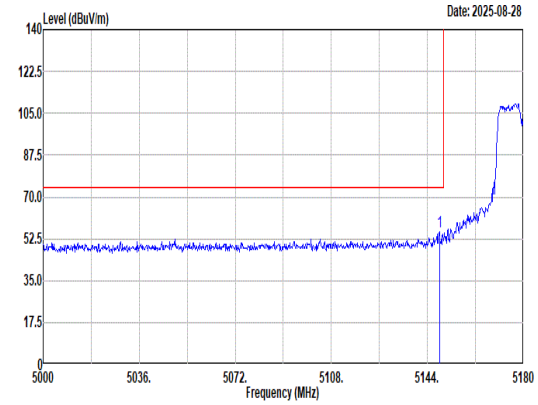
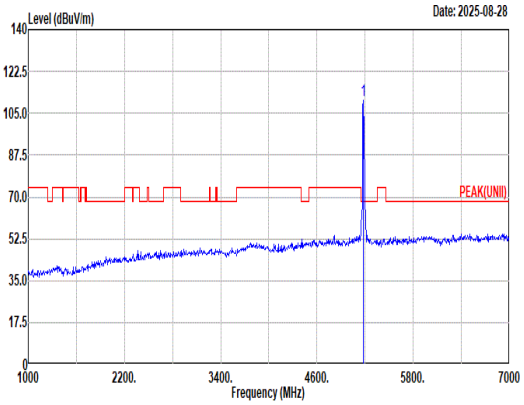
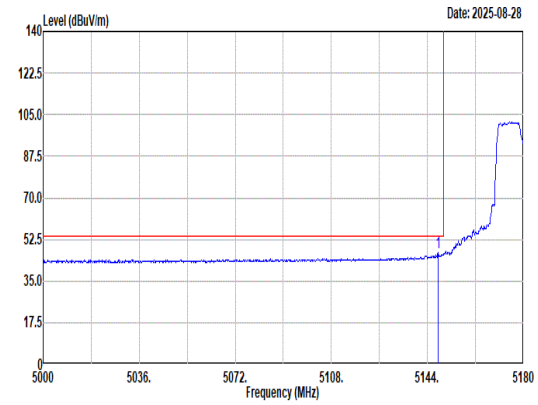
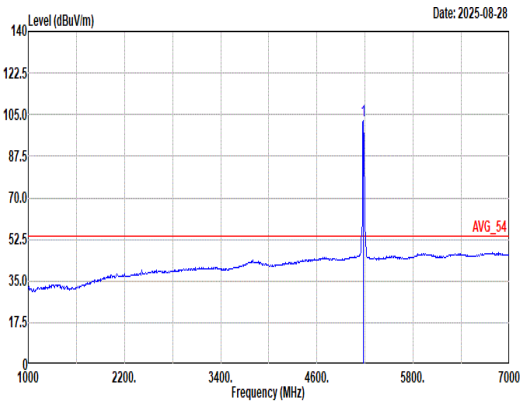
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5441.30 51.80 74.00 -22.20 38.18 34.68 12.66 33.72 0.00 186 200 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5351.32 42.17 54.00 -11.83 28.65 34.70 12.54 33.72 0.00 186 200 Average	Blank

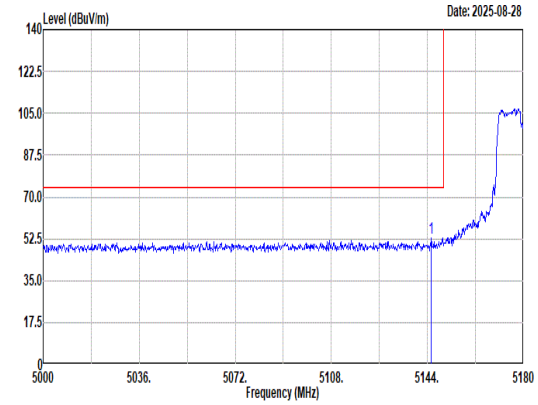
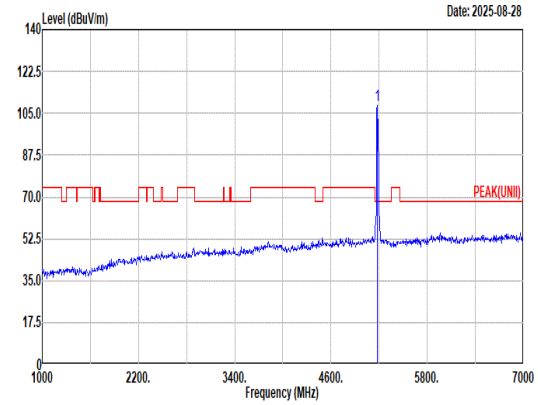
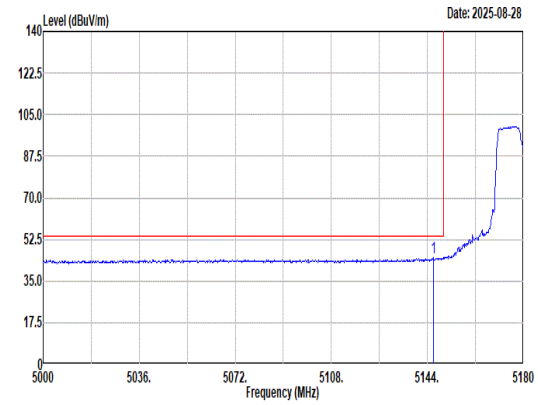
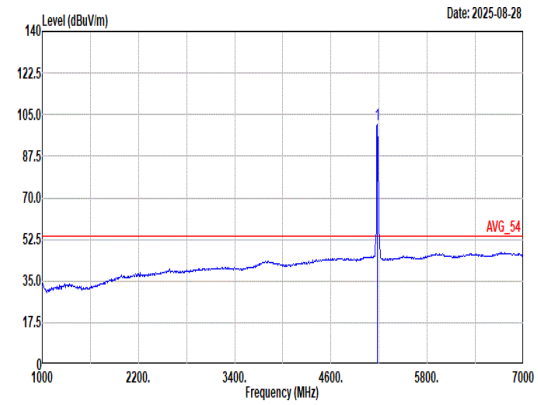
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5109.92 51.53 74.00 -22.47 38.63 34.28 12.31 33.69 0.00 230 60 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5240.00 109.46 ------ ------ 96.19 34.52 12.45 33.70 0.00 230 60 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5146.64 42.81 54.00 -11.19 29.58 34.57 12.35 33.69 0.00 230 60 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5240.00 101.33 ------ ------ 88.06 34.53 12.44 33.70 0.00 230 60 Average

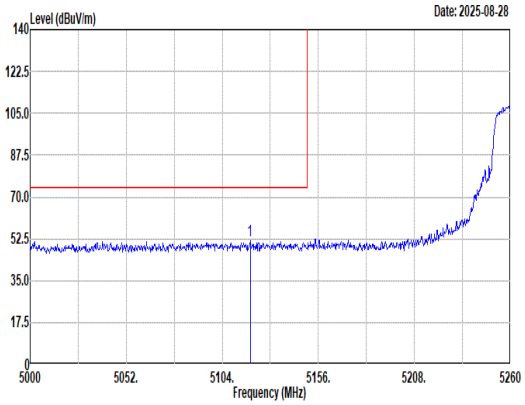
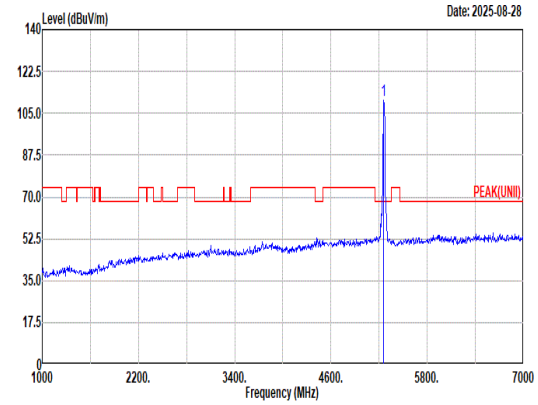
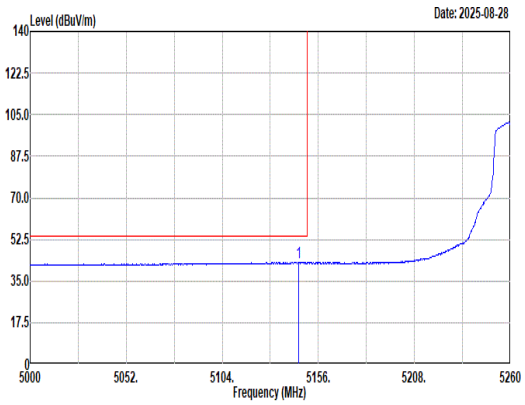
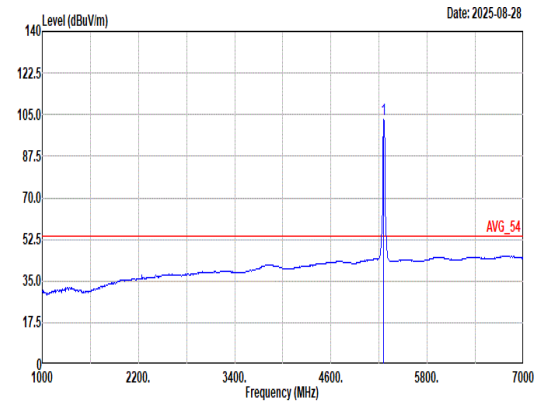
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 6 Setting : 18 Limit Read Ant Cable Preamp Aux APos 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 5357.48 51.76 74.00 -22.24 38.25 34.69 12.54 33.72 0.00 230 60 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : PEAK Mode : 6 Setting : 18 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 5452.74 42.11 54.00 -11.89 28.45 34.71 12.68 33.73 0.00 230 60 Average	Blank

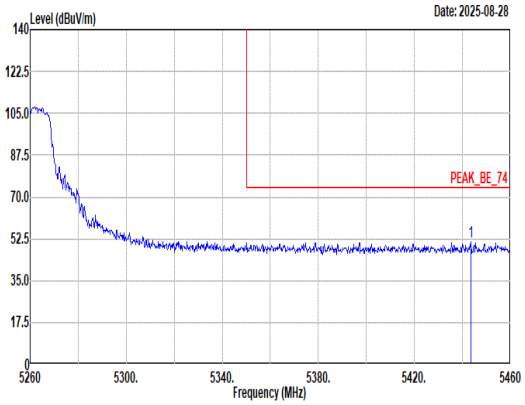
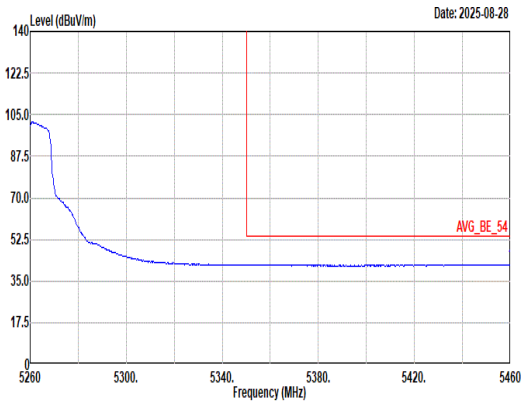
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 56.07 68.20 -12.13 57.92 37.56 18.24 58.75 1.10 200 104 Peak 2 15720.00 49.19 74.00 -24.81 42.27 40.88 21.38 56.64 1.30 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 51.31 68.20 -16.89 53.16 37.56 18.24 58.75 1.10 100 220 Peak 2 15720.00 49.67 74.00 -24.33 42.75 40.88 21.38 56.64 1.30 -- -- Peak

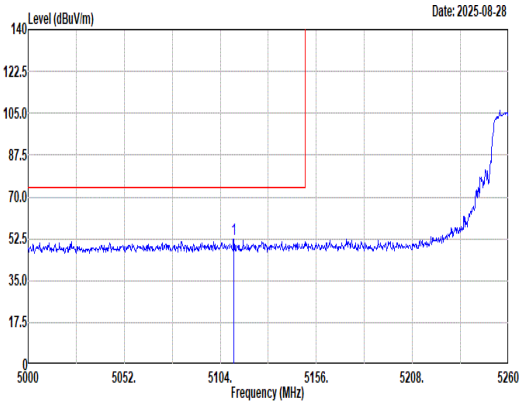
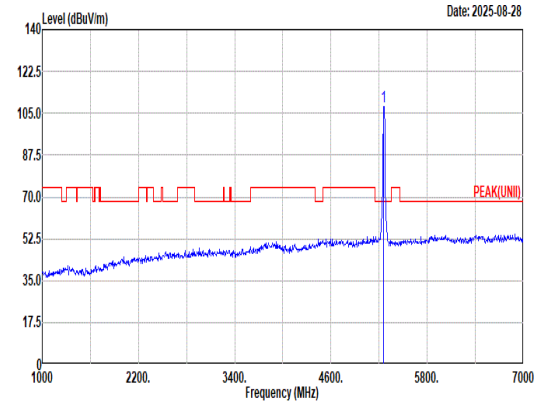
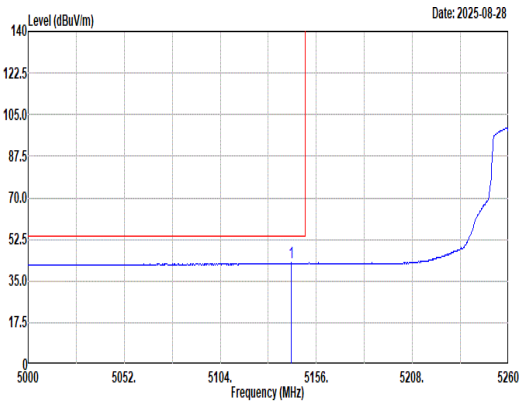
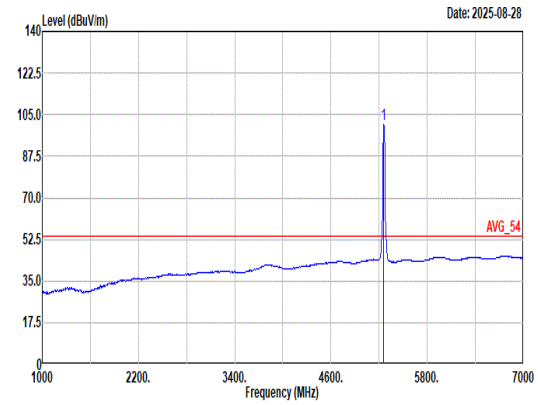
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

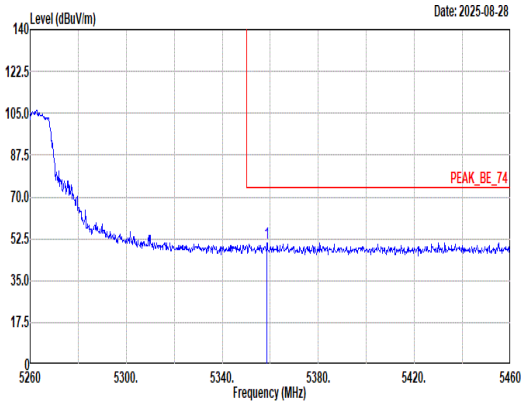
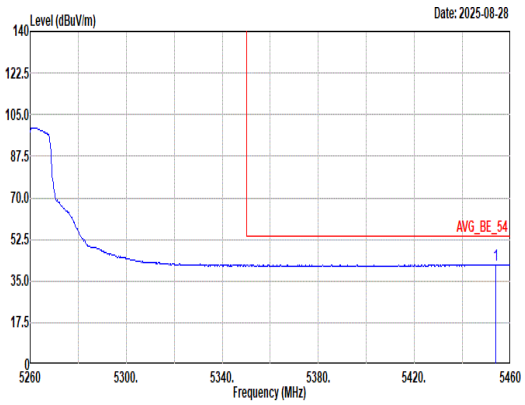
Mode	7	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial_106/53RU _5180MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5148.50 55.43 74.00 -18.57 42.18 34.59 12.35 33.69 0.00 183 198 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5180.00 110.54 ------ ------ 97.26 34.60 12.38 33.70 0.00 183 198 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.600kHz SWT:Auto 1 5147.96 46.82 54.00 -7.18 33.58 34.58 12.35 33.69 0.00 183 198 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.600kHz SWT:Auto 1 5180.00 102.71 ------ ------ 89.43 34.60 12.38 33.70 0.00 183 198 Average

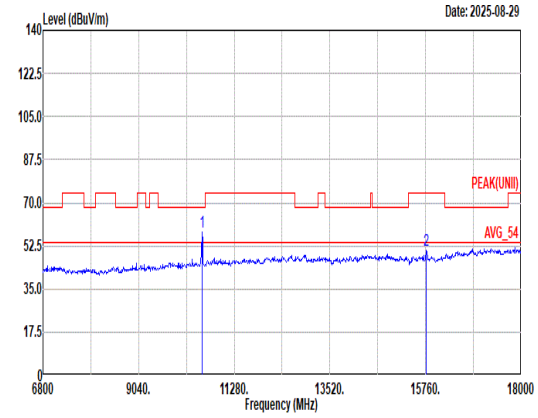
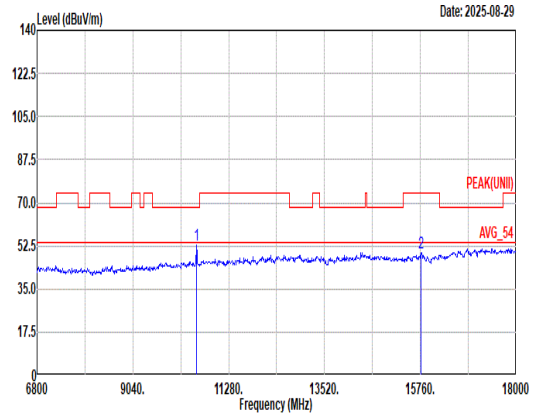
Mode	7	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial_106/53RU _5180MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5145.44 52.77 74.00 -21.23 39.55 34.56 12.35 33.69 0.00 400 37 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5180.00 108.55 ------ ------ 95.27 34.60 12.38 33.70 0.00 400 37 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.600kHz 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 5146.16 44.72 54.00 -9.28 31.49 34.57 12.35 33.69 0.00 400 37 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.600kHz 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 5180.00 100.89 ------ ------ 87.61 34.60 12.38 33.70 0.00 400 37 Average

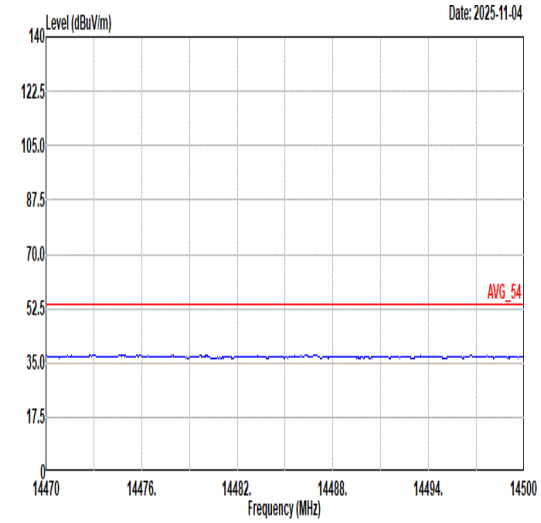
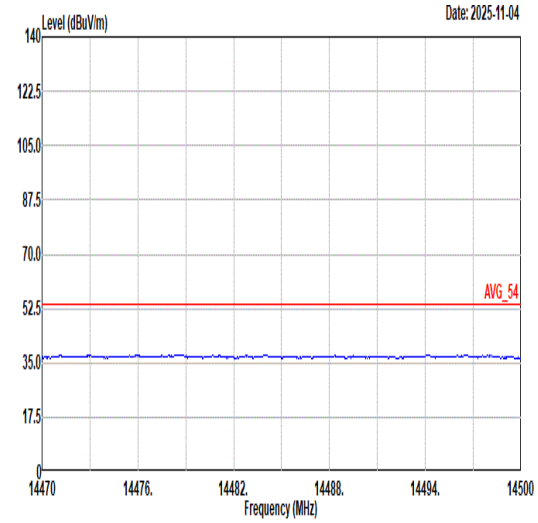
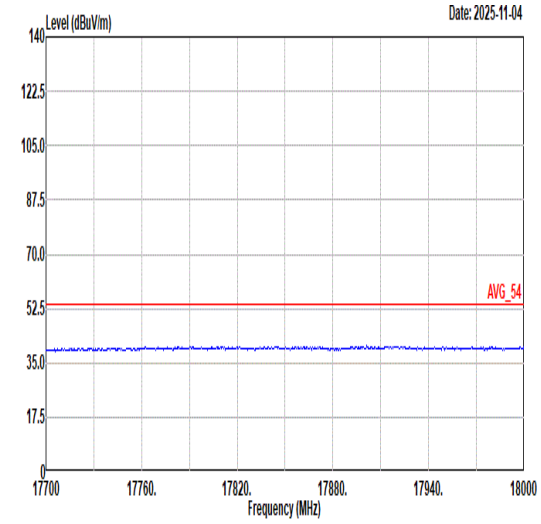
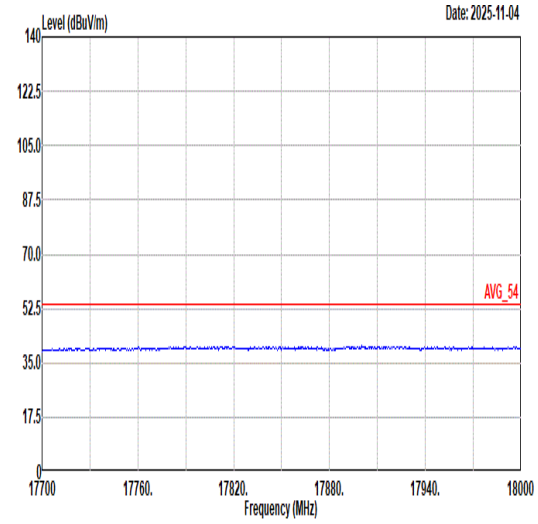
Mode	8	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5119.08 51.66 74.00 -22.34 38.68 34.35 12.32 33.69 0.00 172 200 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5260.00 110.28 ------ ------ 97.01 34.52 12.46 33.71 0.00 172 200 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5145.34 42.80 54.00 -11.20 29.58 34.56 12.35 33.69 0.00 172 200 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5260.00 103.16 ------ ------ 89.89 34.52 12.46 33.71 0.00 172 200 Average

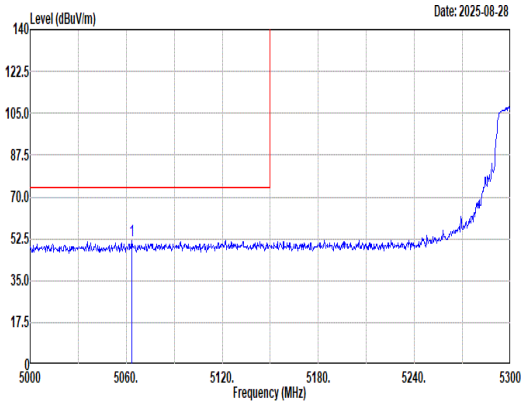
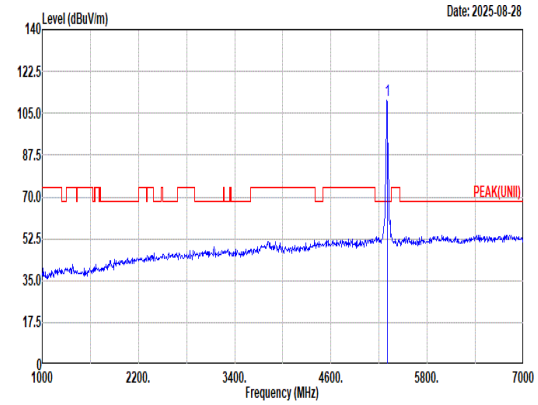
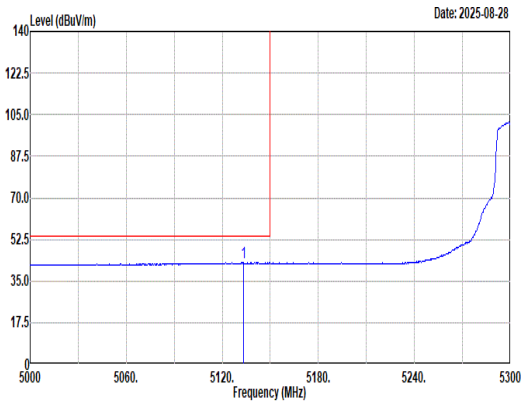
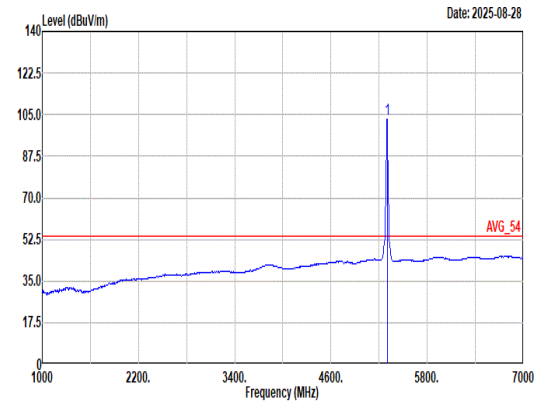
Mode	8	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5443.40 51.23 74.00 -22.77 37.60 34.69 12.66 33.72 0.00 172 200 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5460.00 42.02 54.00 -11.98 28.32 34.74 12.69 33.73 0.00 172 200 Average	Blank

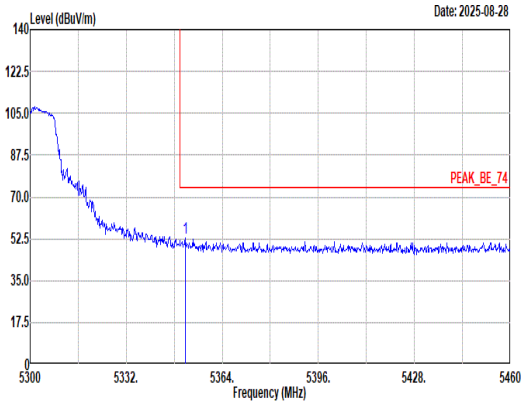
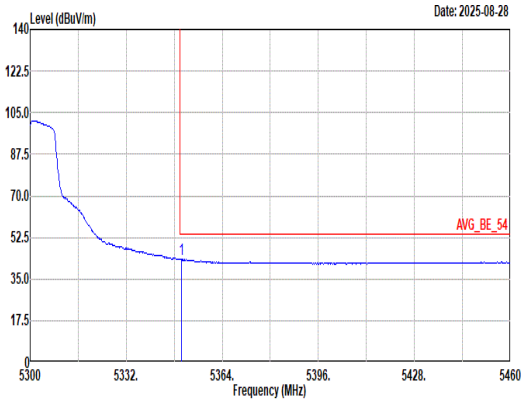
Mode	8	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5111.28 52.49 74.00 -21.51 39.58 34.29 12.31 33.69 0.00 200 85 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5260.00 107.84 ------ ------ 94.57 34.52 12.46 33.71 0.00 200 85 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5142.22 42.57 54.00 -11.43 29.37 34.54 12.35 33.69 0.00 200 85 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5260.00 100.94 ------ ------ 87.67 34.52 12.46 33.71 0.00 200 85 Average

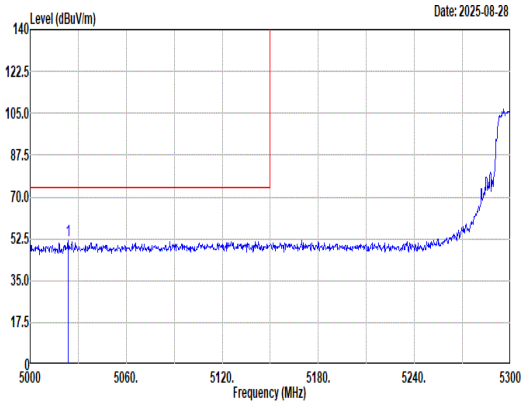
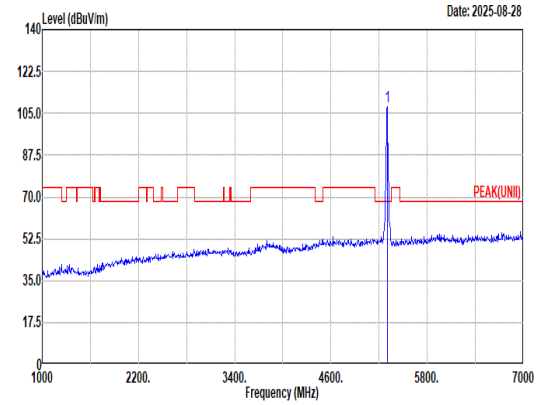
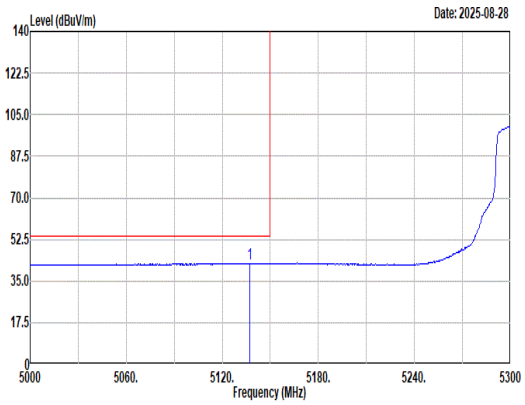
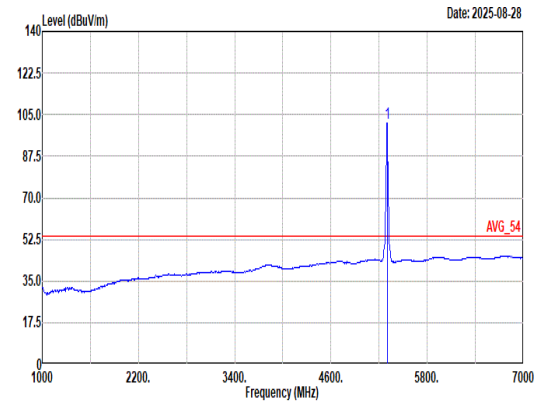
Mode	8	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 8 Setting : 18 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5358.60 50.85 74.00 -23.15 37.35 34.68 12.54 33.72 0.00 200 85 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Detector : PEAK Mode : 8 Setting : 18 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 5454.00 41.94 54.00 -12.06 28.27 34.72 12.68 33.73 0.00 200 85 Average	Blank

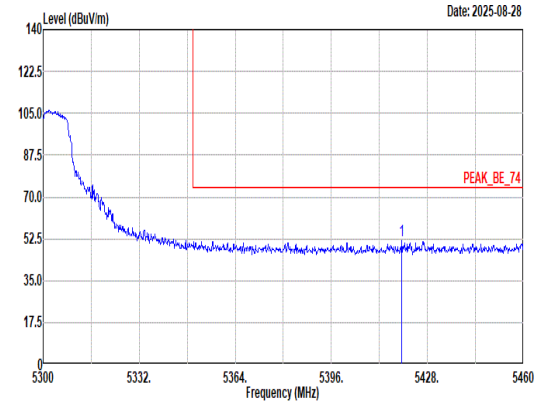
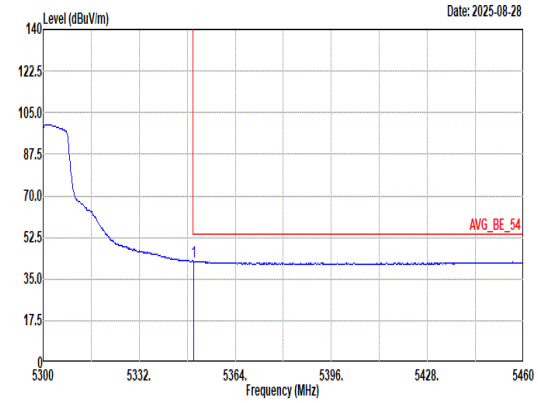
Mode	8	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10520.00 58.19 68.20 -10.01 59.93 37.60 18.27 58.72 1.11 199 360 Peak 2 15780.00 50.76 74.00 -23.24 43.84 40.94 21.41 56.72 1.29 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 52.65 68.20 -15.55 54.39 37.60 18.27 58.72 1.11 400 207 Peak 2 15780.00 49.84 74.00 -24.16 42.92 40.94 21.41 56.72 1.29 -- -- Peak

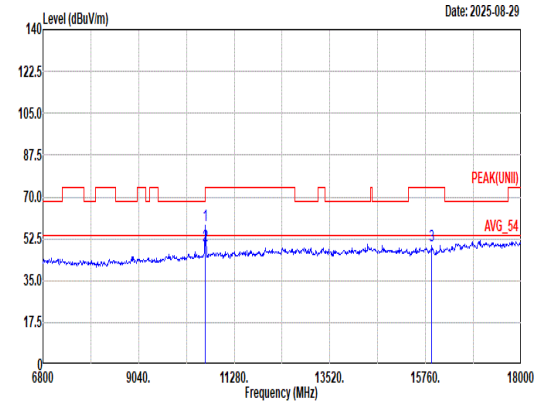
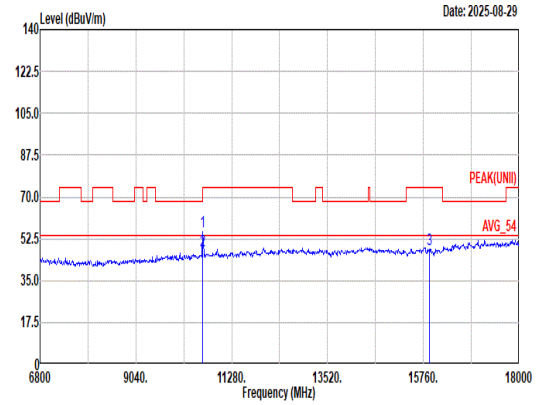
Mode	8	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

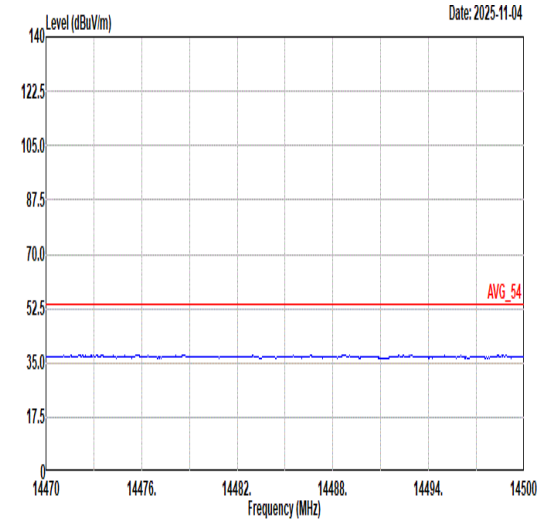
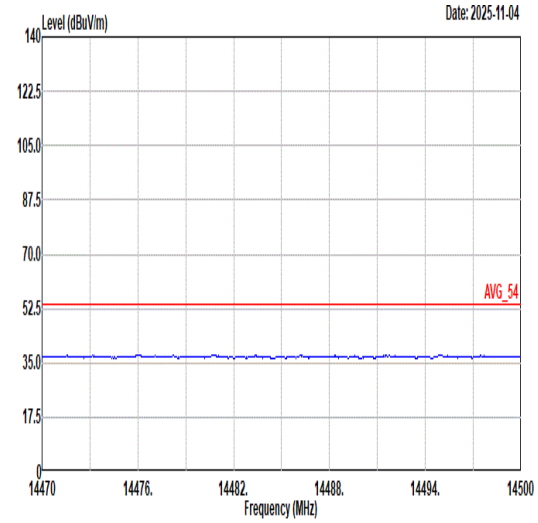
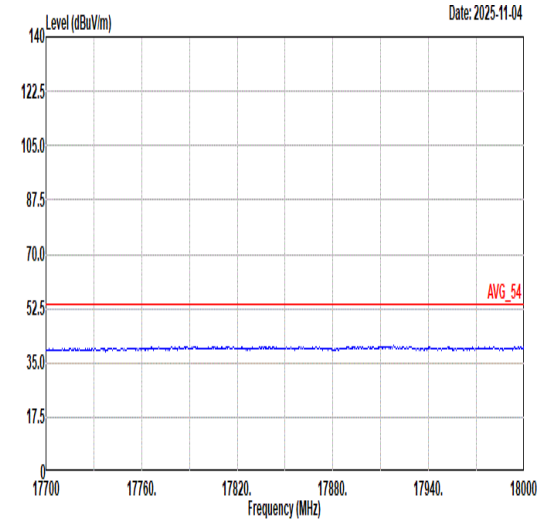
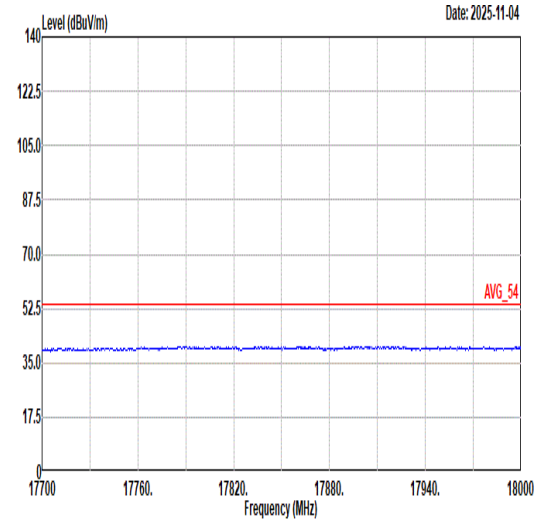
Mode	9	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5063.30 51.88 74.00 -22.12 39.18 34.13 12.26 33.69 0.00 200 202 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5300.00 110.39 ------ ------ 97.02 34.59 12.49 33.71 0.00 200 202 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5133.50 42.76 54.00 -11.24 29.64 34.47 12.34 33.69 0.00 200 202 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5300.00 103.10 ------ ------ 89.73 34.59 12.49 33.71 0.00 200 202 Average

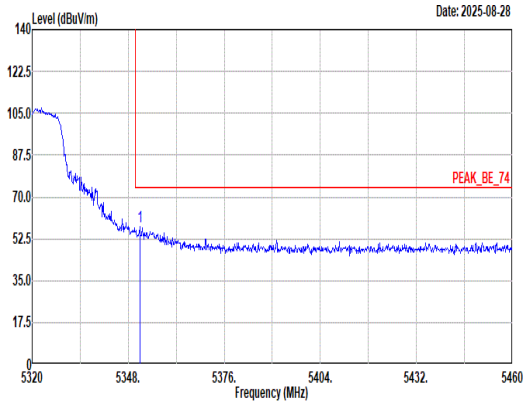
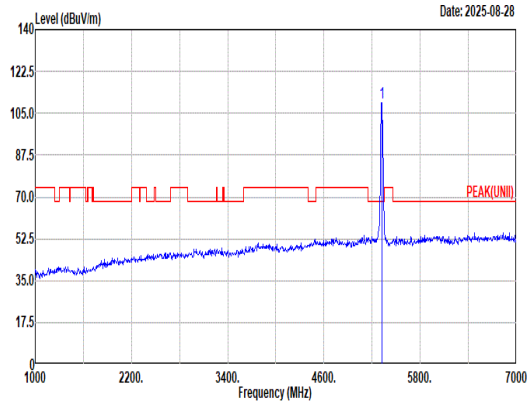
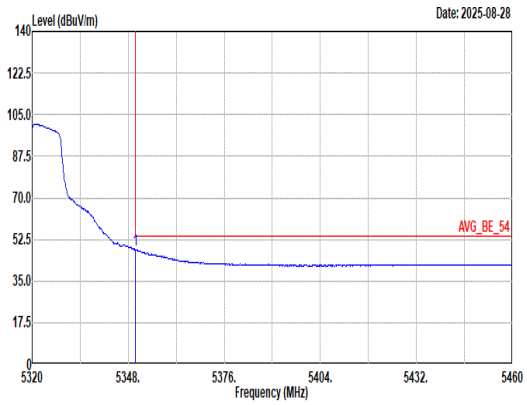
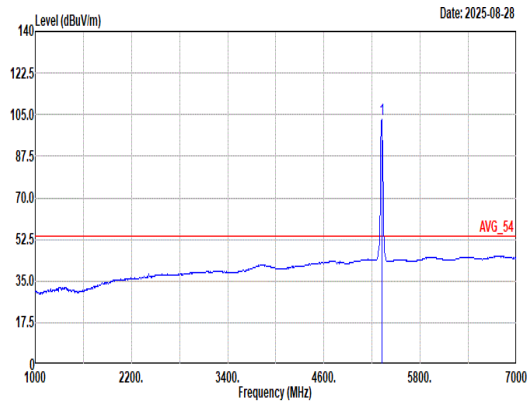
Mode	9	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.68 53.00 74.00 -21.00 39.48 34.70 12.54 33.72 0.00 200 202 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 43.20 54.00 -10.80 29.68 34.70 12.54 33.72 0.00 200 202 Average	Blank

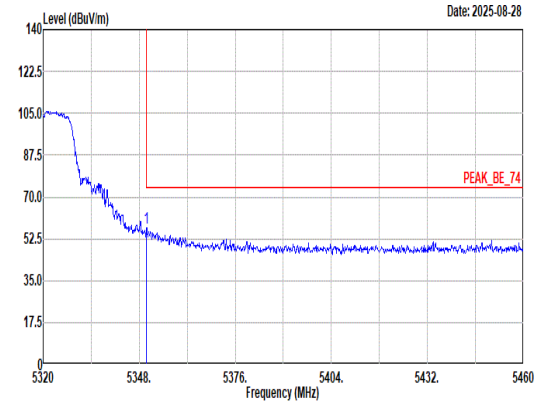
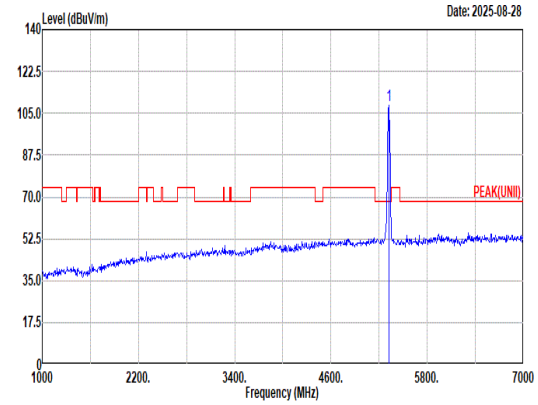
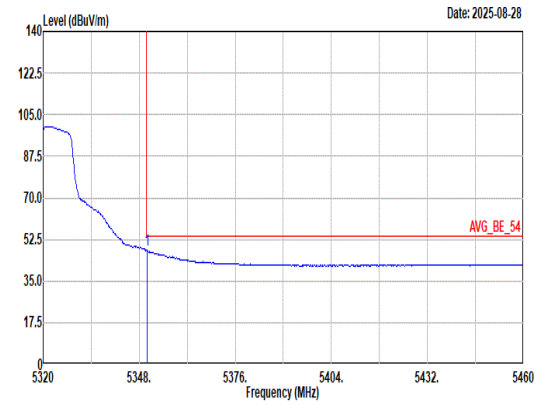
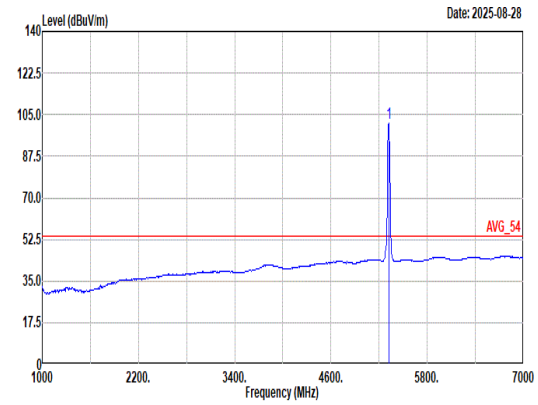
Mode	9	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5023.70 51.67 74.00 -22.33 38.87 34.26 12.22 33.68 0.00 225 60 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5300.00 107.83 ------ ------ 94.44 34.60 12.50 33.71 0.00 225 60 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5137.10 42.51 54.00 -11.49 29.36 34.50 12.34 33.69 0.00 225 60 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5300.00 101.47 ------ ------ 88.08 34.60 12.50 33.71 0.00 225 60 Average

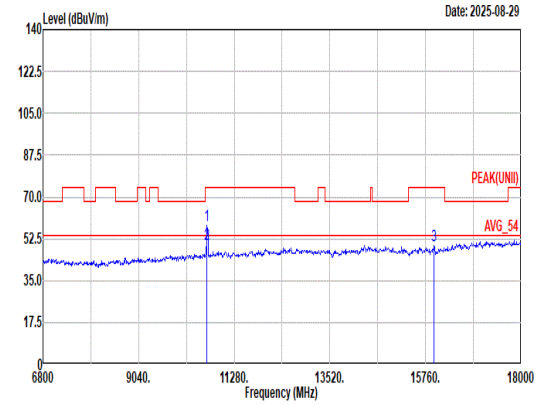
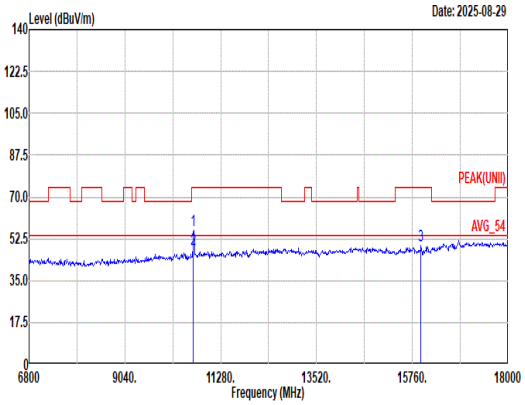
Mode	9	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5419.52 51.74 74.00 -22.26 38.20 34.64 12.62 33.72 0.00 225 60 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5350.08 42.47 54.00 -11.53 28.95 34.70 12.54 33.72 0.00 225 60 Average	Blank

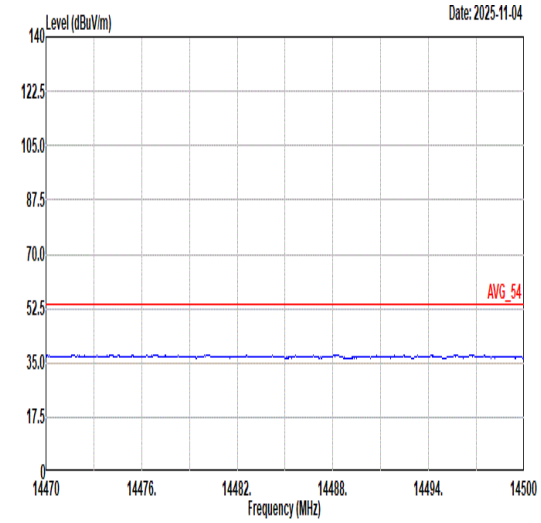
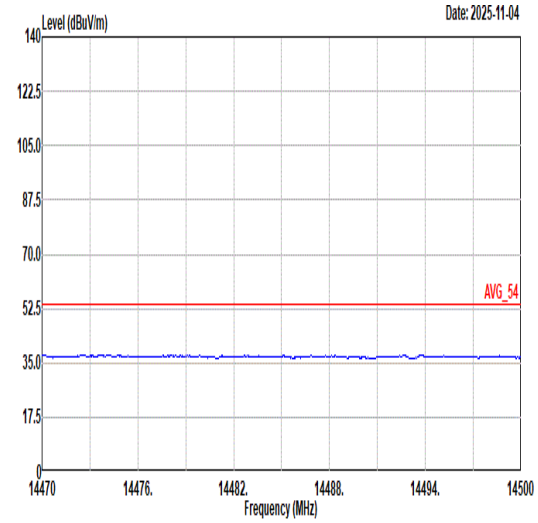
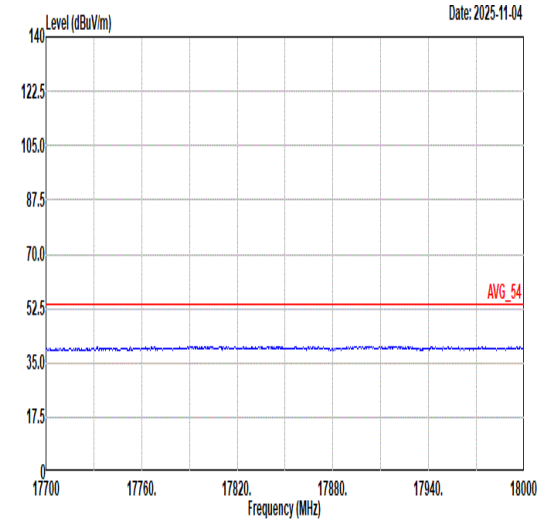
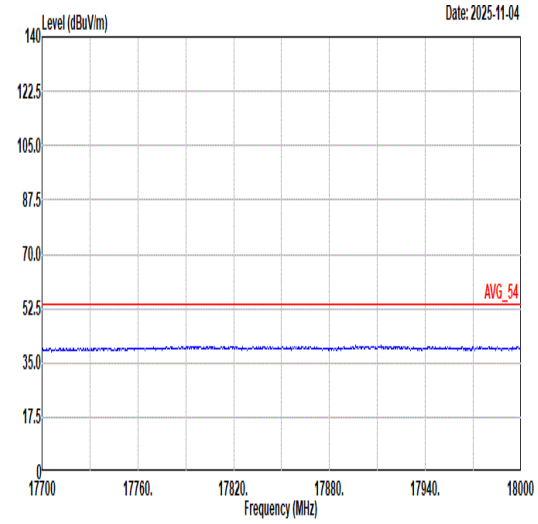
Mode	9	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10600.00 58.17 74.00 -15.83 59.79 37.60 18.33 58.66 1.11 154 360 Peak 2 10600.00 49.58 54.00 -4.42 51.20 37.60 18.33 58.66 1.11 154 360 Average 3 15900.00 49.74 74.00 -24.26 42.65 41.20 21.49 56.88 1.28 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 55.60 74.00 -18.40 57.22 37.60 18.33 58.66 1.11 400 194 Peak 2 10600.00 47.35 54.00 -6.65 48.97 37.60 18.33 58.66 1.11 400 194 Average 3 15900.00 48.30 74.00 -25.70 41.21 41.20 21.49 56.88 1.28 -- -- Peak

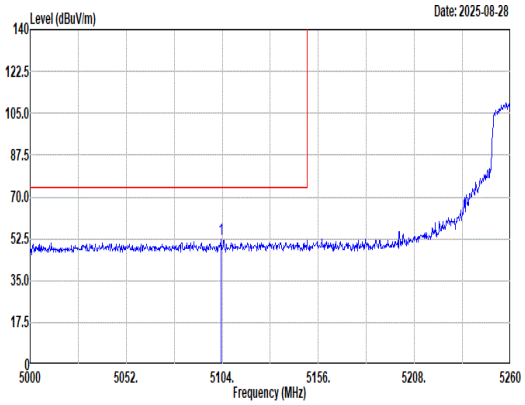
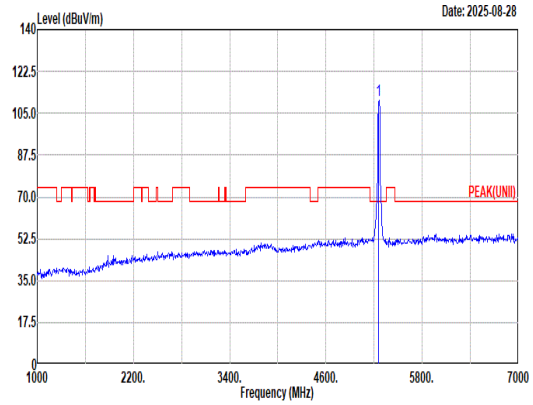
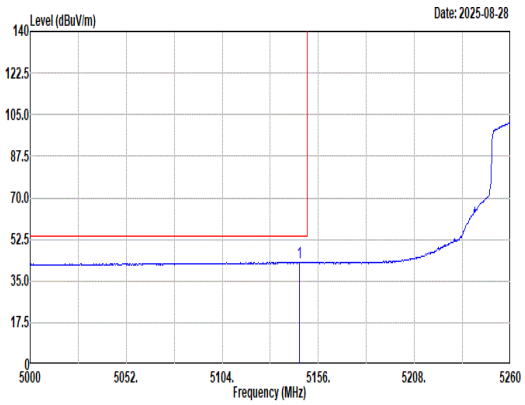
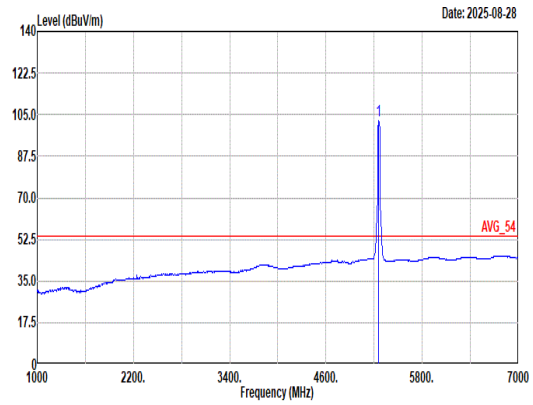
Mode	9	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

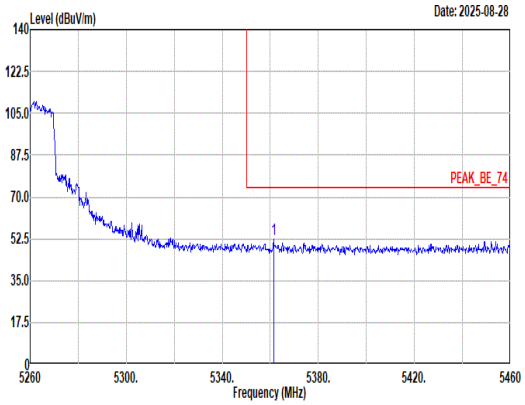
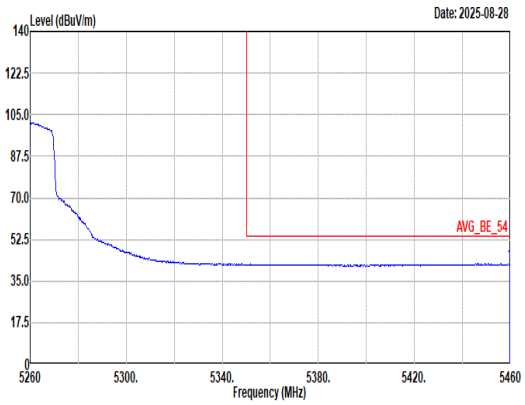
Mode	10	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 10 Setting : 18 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.36 57.35 74.00 -16.65 43.83 34.70 12.54 33.72 0.00 159 202 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 10 Setting : 18 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 5320.00 109.57 ------ ------ 96.13 34.64 12.51 33.71 0.00 159 202 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Detector : PEAK Mode : 10 Setting : 18 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 48.23 54.00 -5.77 34.71 34.70 12.54 33.72 0.00 159 202 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Detector : PEAK Mode : 10 Setting : 18 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 5320.00 102.83 ------ ------ 89.39 34.64 12.51 33.71 0.00 159 202 Average

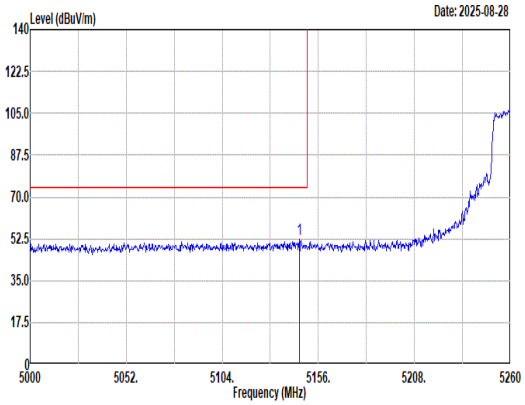
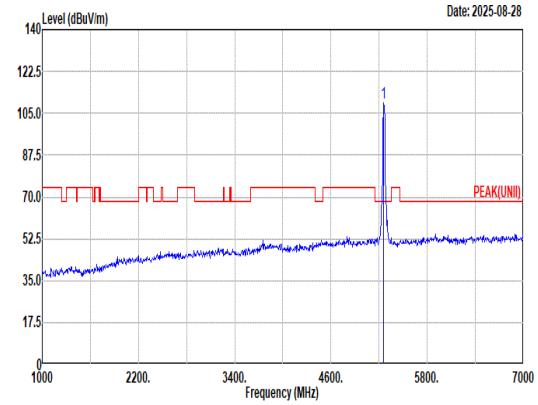
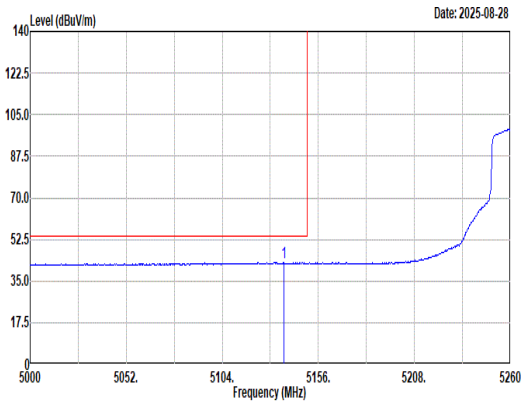
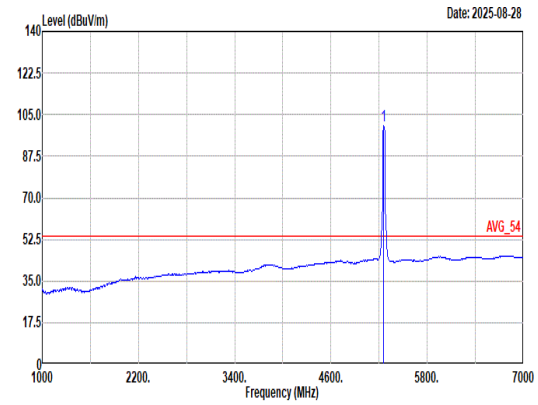
Mode	10	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.10 56.95 74.00 -17.05 43.43 34.70 12.54 33.72 0.00 200 65 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5320.00 108.28 ------ ------ 94.84 34.64 12.51 33.71 0.00 200 65 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 47.83 54.00 -6.17 34.31 34.70 12.54 33.72 0.00 200 65 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5320.00 101.37 ------ ------ 87.93 34.64 12.51 33.71 0.00 200 65 Average

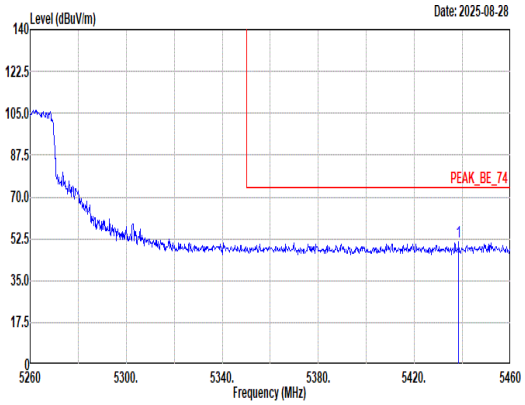
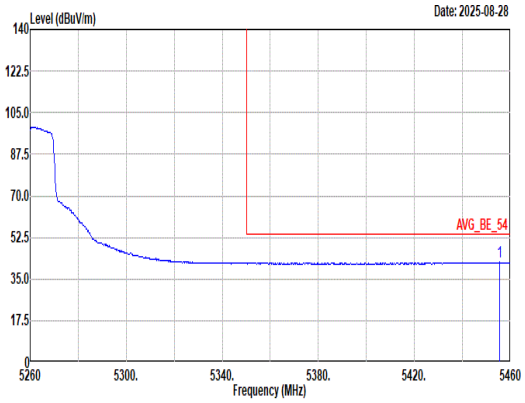
Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL 1 10640.00 58.07 74.00 -15.93 59.54 37.68 18.36 58.63 1.12 151 360 Peak 2 10640.00 50.28 54.00 -3.72 51.75 37.68 18.36 58.63 1.12 151 360 Average 3 15960.00 49.90 74.00 -24.10 43.01 41.06 21.53 56.97 1.27 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL 1 10640.00 56.16 74.00 -17.84 57.63 37.68 18.36 58.63 1.12 400 191 Peak 2 10640.00 48.03 54.00 -5.97 49.50 37.68 18.36 58.63 1.12 400 191 Average 3 15960.00 49.90 74.00 -24.10 43.01 41.06 21.53 56.97 1.27 -- -- Peak

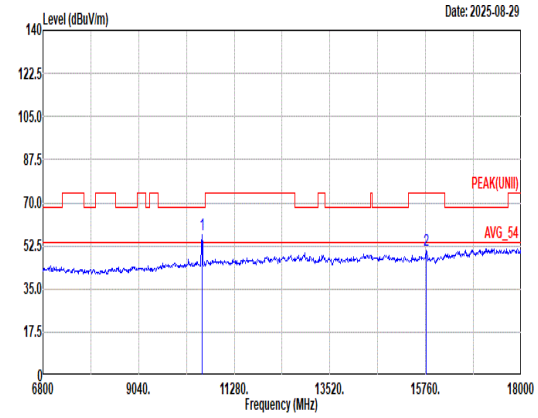
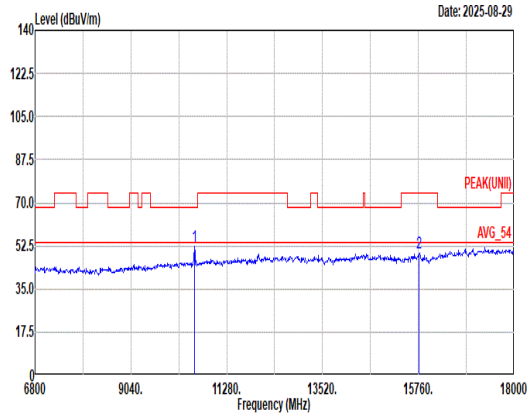
Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

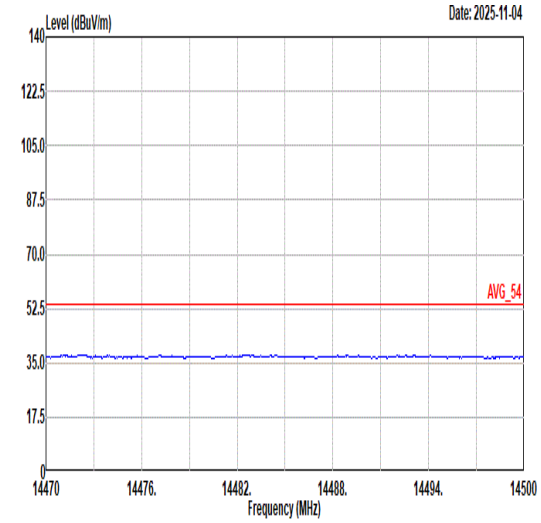
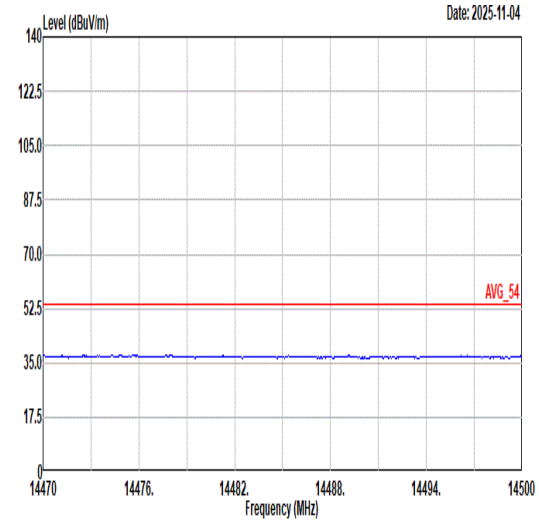
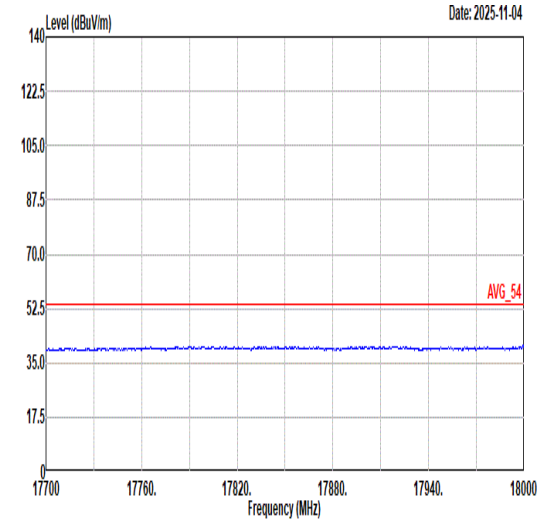
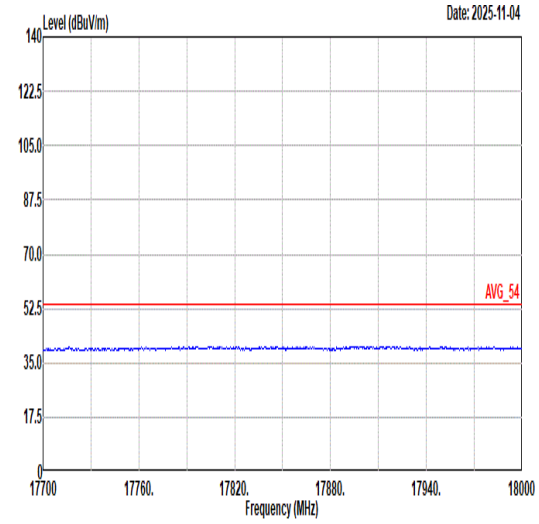
Mode	11	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5103.48 52.12 74.00 -21.88 39.28 34.23 12.30 33.69 0.00 172 200 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5260.00 110.31 ------ ------ 97.02 34.53 12.47 33.71 0.00 172 200 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5145.86 43.05 54.00 -10.95 29.82 34.57 12.35 33.69 0.00 172 200 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5260.00 102.71 ------ ------ 89.44 34.52 12.46 33.71 0.00 172 200 Average

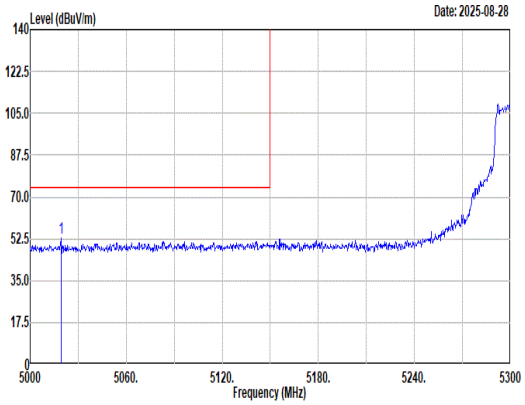
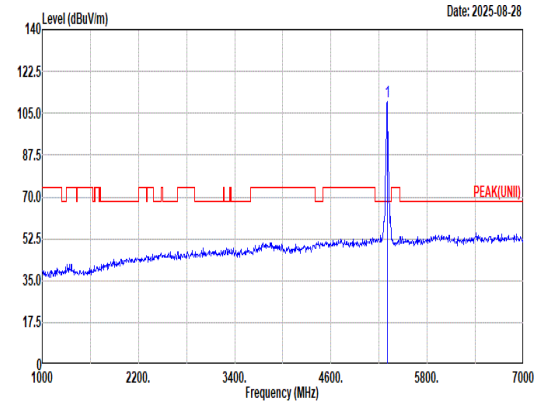
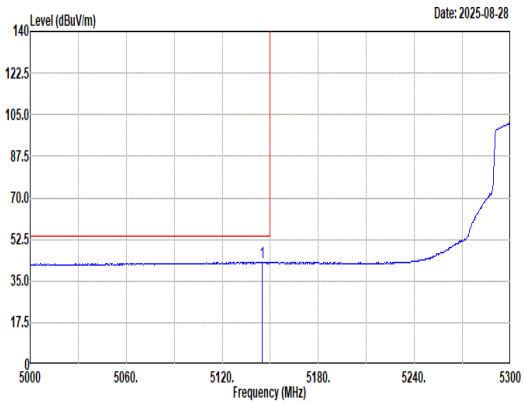
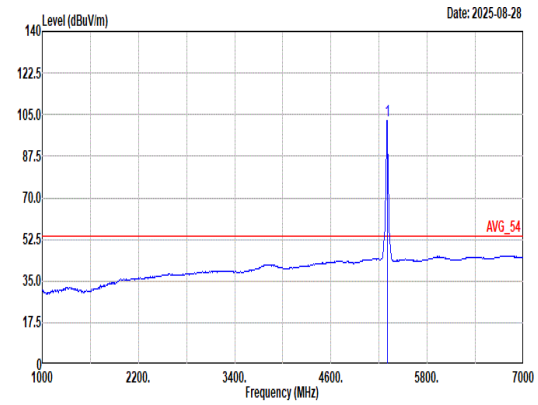
Mode	11	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5361.40 52.04 74.00 -21.96 38.53 34.68 12.55 33.72 0.00 172 200 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5459.80 42.21 54.00 -11.79 28.51 34.74 12.69 33.73 0.00 172 200 Average	Blank

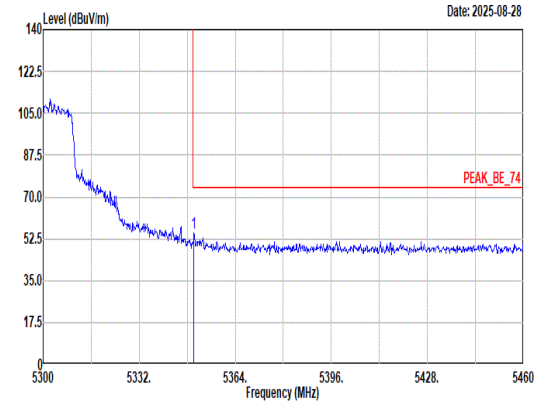
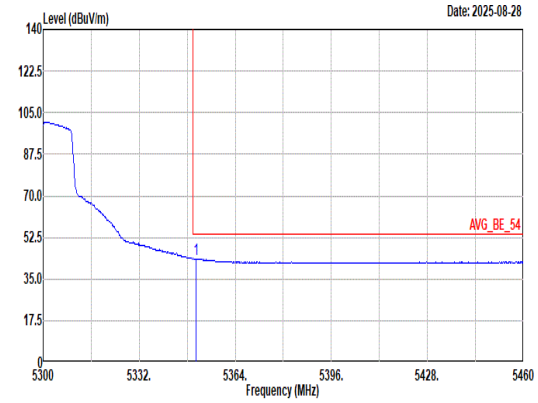
Mode	11	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5145.60 52.17 74.00 -21.83 38.95 34.56 12.35 33.69 0.00 200 85 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5260.00 109.22 ------ ------ 95.95 34.52 12.46 33.71 0.00 200 85 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5137.28 42.93 54.00 -11.07 29.78 34.50 12.34 33.69 0.00 200 85 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5260.00 100.26 ------ ------ 86.99 34.52 12.46 33.71 0.00 200 85 Average

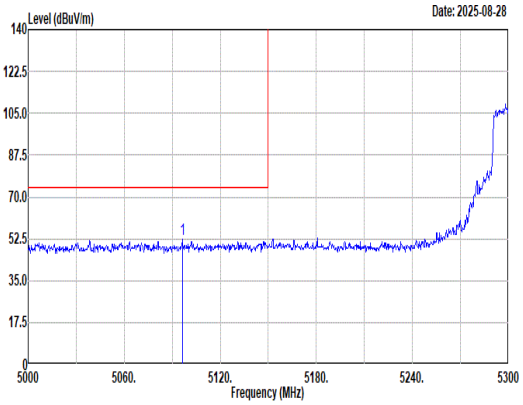
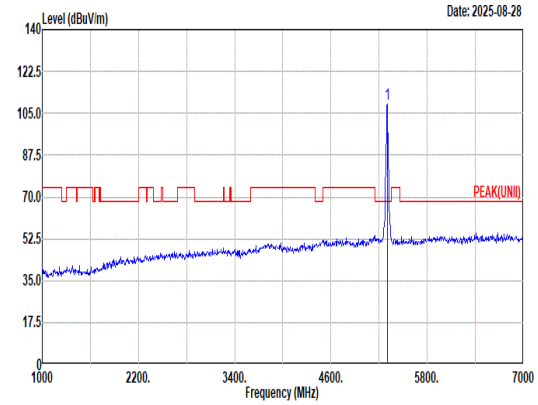
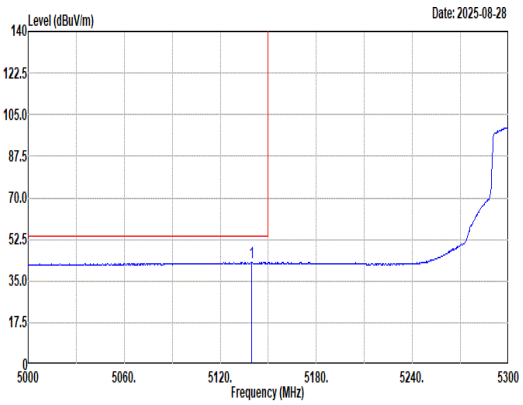
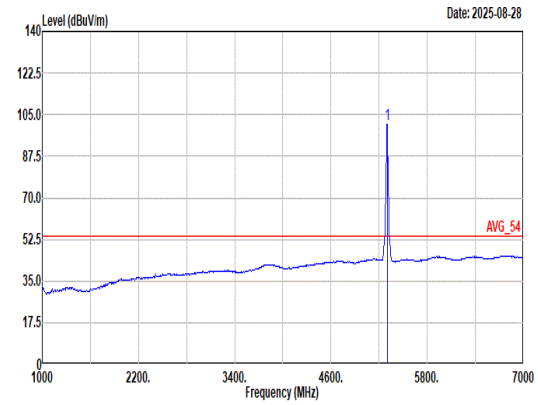
Mode	11	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5438.40 51.04 74.00 -22.96 37.43 34.68 12.65 33.72 0.00 200 85 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5455.60 42.05 54.00 -11.95 28.38 34.72 12.68 33.73 0.00 200 85 Average	Blank

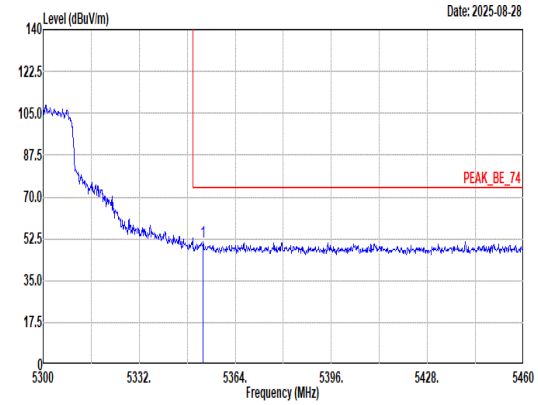
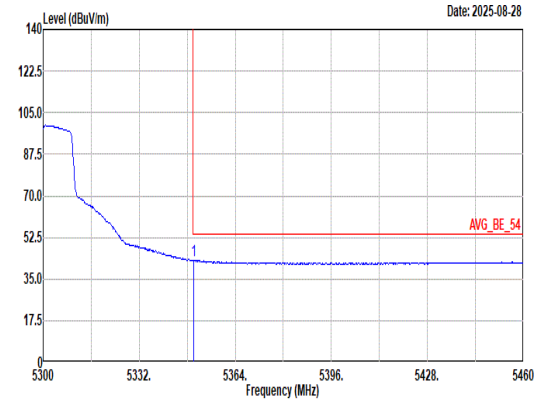
Mode	11	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10520.00 56.94 68.20 -11.26 58.68 37.60 18.27 58.72 1.11 185 360 Peak 2 15780.00 50.86 74.00 -23.14 43.94 40.94 21.41 56.72 1.29 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10520.00 52.28 68.20 -15.92 54.02 37.60 18.27 58.72 1.11 400 207 Peak 2 15780.00 49.56 74.00 -24.44 42.64 40.94 21.41 56.72 1.29 -- -- Peak

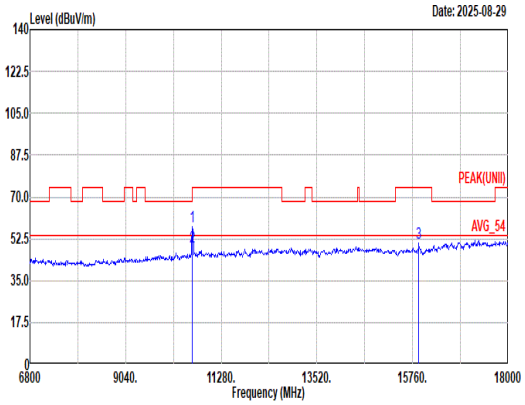
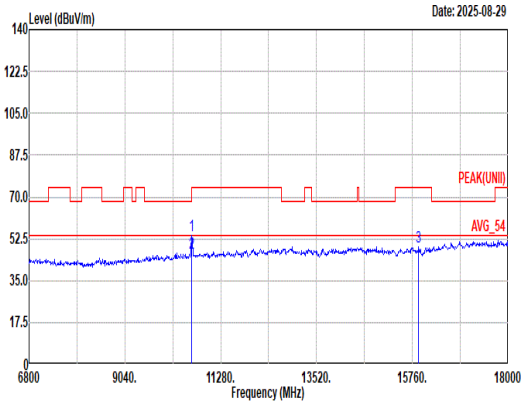
Mode	11	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

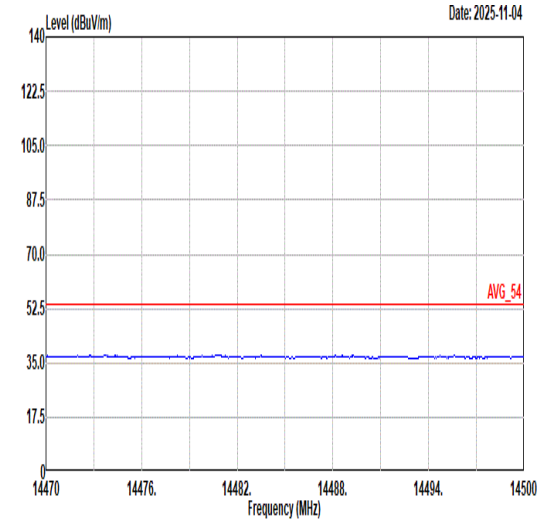
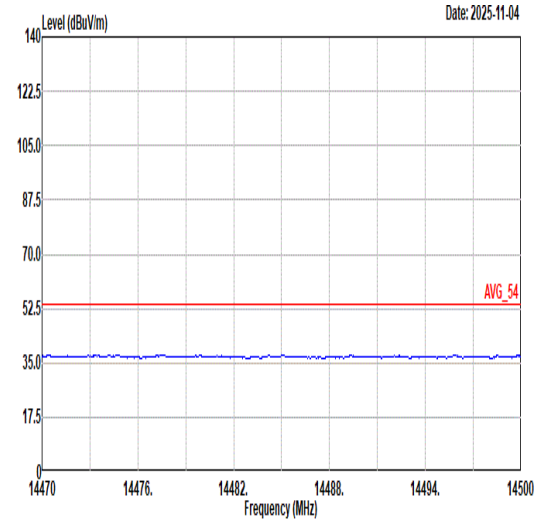
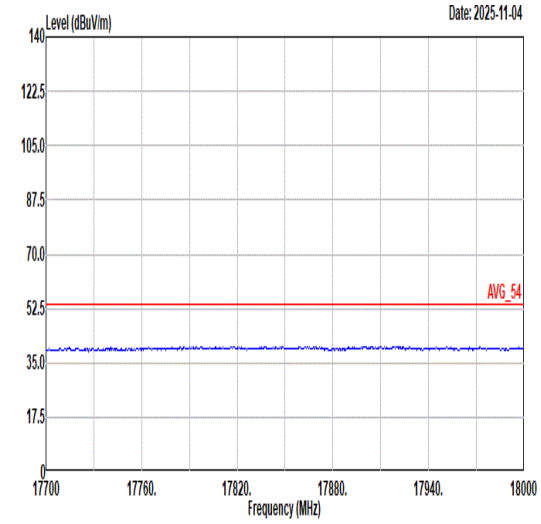
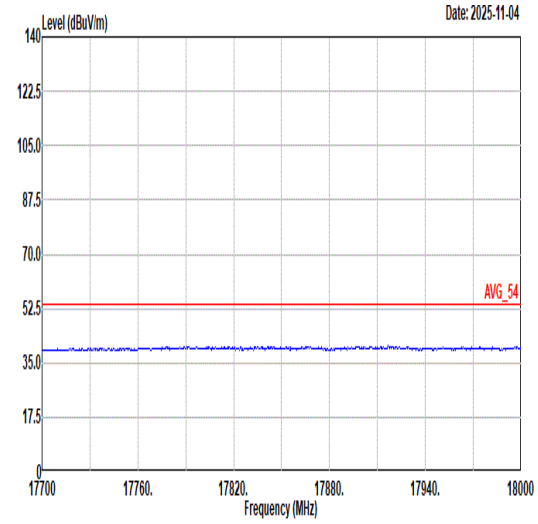
Mode	12	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5019.20 52.57 74.00 -21.43 39.76 34.28 12.21 33.68 0.00 200 202 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5300.00 109.71 ------ ------ 96.32 34.60 12.50 33.71 0.00 200 202 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5144.90 43.03 54.00 -10.97 29.81 34.56 12.35 33.69 0.00 200 202 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz 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 5300.00 102.47 ------ ------ 89.10 34.59 12.49 33.71 0.00 200 202 Average

Mode	12	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Level 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 54.73 74.00 -19.27 41.21 34.70 12.54 33.72 0.00 200 202 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Freq Level Limit Line Margin Level 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 5350.88 43.56 54.00 -10.44 30.04 34.70 12.54 33.72 0.00 200 202 Average	Blank

Mode	12	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5096.30 52.12 74.00 -21.88 39.32 34.19 12.30 33.69 0.00 225 60 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 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 5300.00 108.64 ------ ------ 95.25 34.60 12.50 33.71 0.00 225 60 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5139.50 42.75 54.00 -11.25 29.58 34.52 12.34 33.69 0.00 225 60 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5300.00 100.92 ------ ------ 87.55 34.59 12.49 33.71 0.00 225 60 Average

Mode	12	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5353.28 51.45 74.00 -22.55 37.94 34.69 12.54 33.72 0.00 225 60 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz 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 5350.08 42.99 54.00 -11.01 29.47 34.70 12.54 33.72 0.00 225 60 Average	Blank

Mode	12	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL 1 10600.00 57.48 74.00 -16.52 59.10 37.60 18.33 58.66 1.11 158 360 Peak 2 10600.00 49.08 54.00 -4.92 50.70 37.60 18.33 58.66 1.11 158 360 Average 3 15900.00 50.57 74.00 -23.43 43.48 41.20 21.49 56.88 1.28 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL 1 10600.00 53.93 74.00 -20.07 55.55 37.60 18.33 58.66 1.11 400 193 Peak 2 10600.00 46.62 54.00 -7.38 48.24 37.60 18.33 58.66 1.11 400 193 Average 3 15900.00 49.34 74.00 -24.66 42.25 41.20 21.49 56.88 1.28 -- -- Peak

Mode	12	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	0	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL