FCC RADIO TEST REPORT

FCC ID	:	ACJ9TGWL24A
Equipment	:	Radio Module
Brand Name	:	Panasonic
Model Name	:	WL24A
Applicant	:	Panasonic Corporation of North America Two Riverfront Plaza, Newark, New Jersey, 07102-5490, USA
Standard	:	FCC Part 15 Subpart E §15.407

The product was received on Oct. 29, 2025 and testing was performed from Nov. 07, 2025 to Nov. 14, 2025. 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 partial 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
FR5O2913-01F	01	Initial issue of report	Jan. 20, 2026
FR5O2913-01F	02	Revise Section 3.1.1 This report is an updated version, replacing the report issued on Jan. 20, 2026.	Jan. 26, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.403	26dB Bandwidth	Pass	See Note
-	2.1049	99% Occupied Bandwidth	Pass	See Note
3.1	15.407(a)	Maximum Conducted Output Power	Pass	-
-	15.407(a)	Power Spectral Density	Pass	See Note
3.2	15.407(b)	Unwanted Emissions	Pass	4.33 dB under the limit at 5350.17 MHz
-	15.207	AC Conducted Emission	Pass	-
3.3	15.203	Antenna Requirement	Pass	See Note

Note:

1. Not required means after assessing, test items are not necessary to carry out.
2. For host device, Unwanted Emissions is verified and complies with the limit in this test report.
3. For host device, the Conducted Output Power is no difference after compared to module (Model: Panasonic WL24A)

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Freda Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11ax/be **Antenna Type** WLAN: <Main Ant. (Chain B)>: Monopole Antenna <Aux Ant. (Chain A)>: PIFA Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Main Ant. (Chain B): 3.88 dBi Aux Ant. (Chain A): 1.91 dBi
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Main Ant. (Chain B): 3.88 dBi Aux Ant. (Chain A): 1.91 dBi
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Main Ant. (Chain B): 4.21 dBi Aux Ant. (Chain A): 4.55 dBi

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. The product was installed into Portable Computer (Brand Name: Panasonic, Model Name: FZ-56(mk1) during test.

1.1.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

As minimum N_{SS}=1 is supported by EUT, the formula can be simplified as:

Directional gain = $10*\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$ dBi

Where G1, G2….GN denote single antenna gain.

The directional gain "DG" is calculated as following table.

	Chain Port 0 Chain A (dBi)	Chain Port 1 Chain B (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	1.91	3.88	3.88	5.96	0.00	0.00
Band II	1.91	3.88	3.88	5.96	0.00	0.00
Band III	4.55	4.21	4.55	7.39	0.00	1.39

Calculation example:

If a device has two antenna, G_{ANT1}= 1.91dBi; G_{ANT2}=3.88dBi

Directional gain of power measurement = max(1.91, 3.88) + 0 = 3.88 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (1.91 dBi / 20) + 10^ (3.88 dBi / 20)] ^ 2 } / 2 }

= 5.96 dBi

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

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, 03CH21-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- 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

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq. (MHz)
5150-5350 MHz	50@	5250
5470-5725 MHz	114@	5570

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

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

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40 and 802.11be EHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80 and 802.11be EHT80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160 and 802.11ax HE160 and 802.11be EHT160.

2.2 Test Mode

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

Single Mode

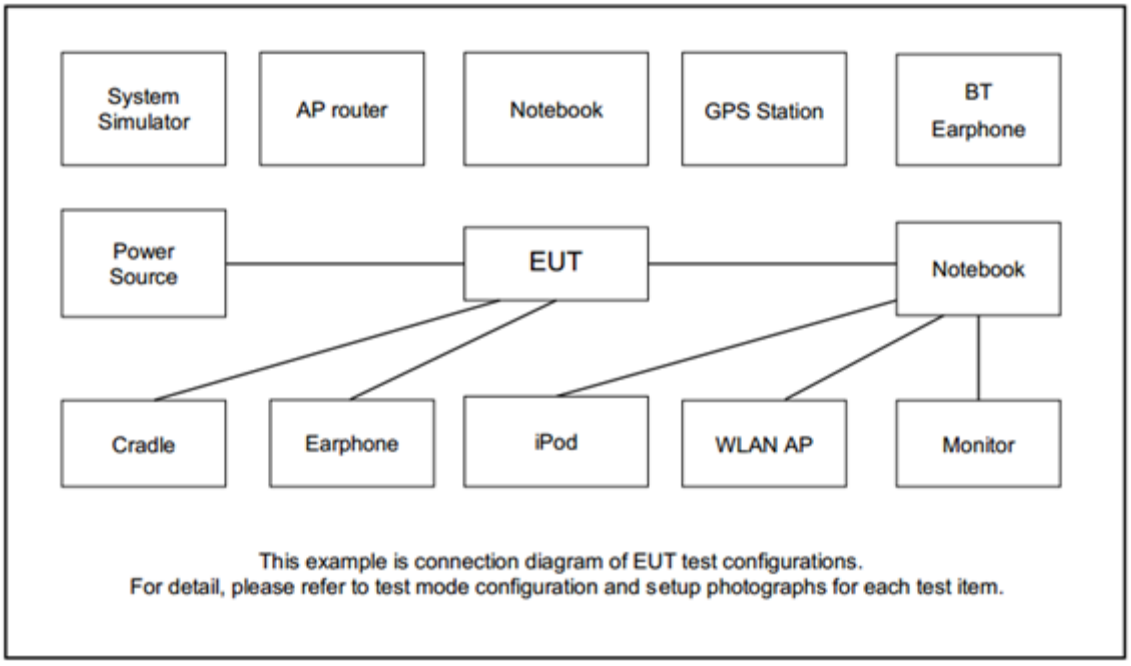
Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20(Covered by EHT20)	MCS0
802.11ax HE40(Covered by EHT40)	MCS0
802.11ax HE80(Covered by EHT80)	MCS0
802.11ax HE160(Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

MIMO Mode

Modulation	Data Rate
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20(Covered by EHT20)	MCS0
802.11ax HE40(Covered by EHT40)	MCS0
802.11ax HE80(Covered by EHT80)	MCS0
802.11ax HE160(Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

Remark: The detailed Radiated test modes are shown in Appendix B.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Earphone	Apple	A1285	Verification	Unshielded, 1.2 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “DRTU v09295.23.170.0” 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.

3 Test Result

3.1 Maximum Conducted Output Power Measurement

3.1.1 Limit of Maximum Conducted Output Power

<FCC CFR 15.407>

For the 5.15–5.25 GHz bands:

■ For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz.

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

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

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

3.1.2 Measuring Instruments

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

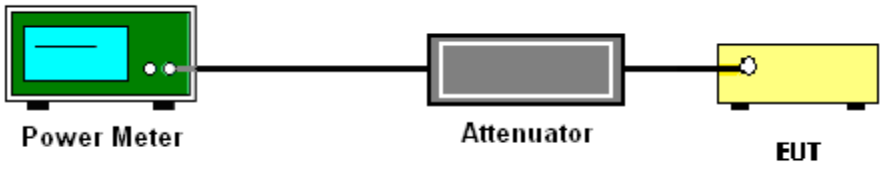
3.1.3 Test Procedures

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.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

3.1.4 Test Setup



3.1.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

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

3.2.1 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.

3.2.2 Measuring Instruments

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

3.2.3 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

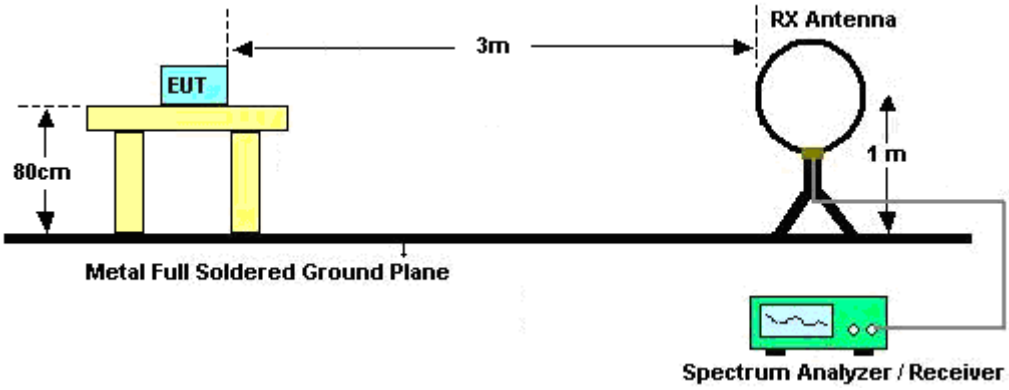
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

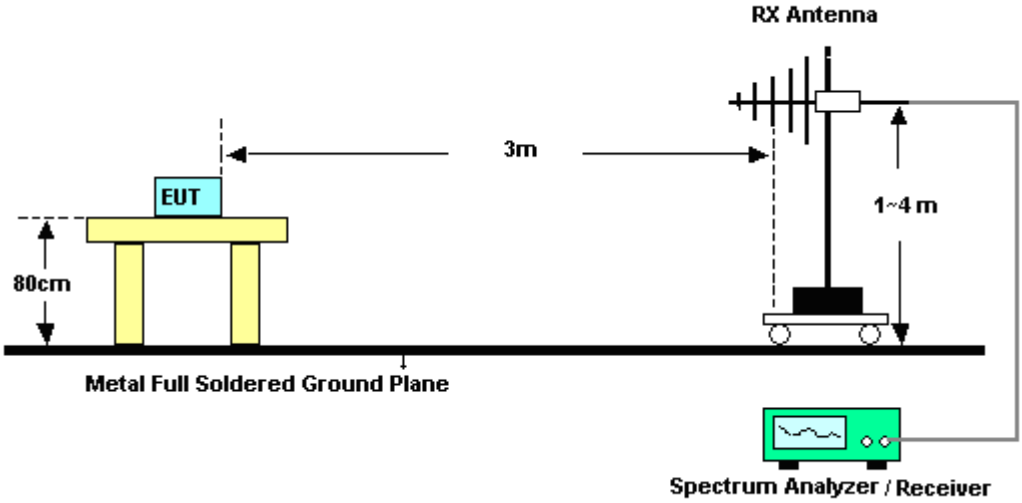
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.2.4 Test Setup

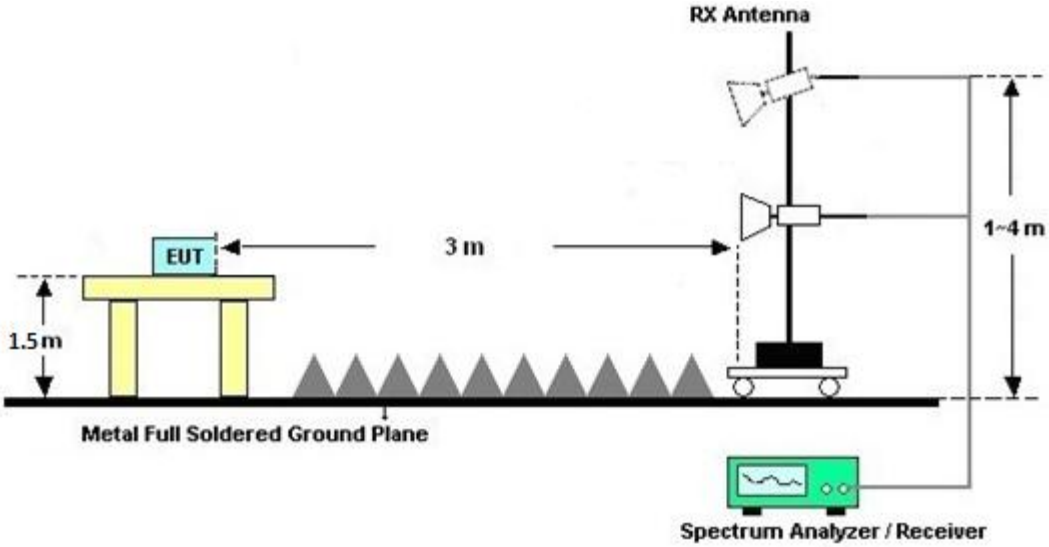
For radiated emissions below 30MHz



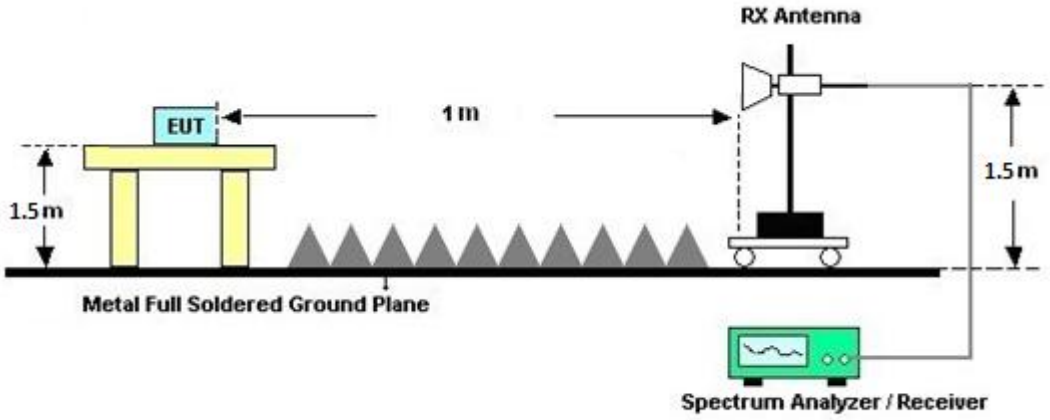
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.2.5 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.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B.

3.2.7 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix B.

3.3 Antenna Requirements

3.3.1 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.

3.3.2 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
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	101108	9 kHz~30 MHz	Dec. 18, 2024	Nov. 12, 2025~ Nov. 14, 2025	Dec. 17, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Dec. 17, 2024	Nov. 12, 2025~ Nov. 14, 2025	Dec. 16, 2025	Radiation (03CH21-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 27, 2025	Nov. 12, 2025~ Nov. 14, 2025	Mar. 26, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Nov. 12, 2025~ Nov. 14, 2025	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 13, 2025	Nov. 12, 2025~ Nov. 14, 2025	Jul. 12, 2026	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	Nov. 12, 2025~ Nov. 14, 2025	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Nov. 12, 2025~ Nov. 14, 2025	Aug. 25, 2026	Radiation (03CH21-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Nov. 22, 2024	Nov. 12, 2025~ Nov. 14, 2025	Nov. 21, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 05, 2025	Nov. 12, 2025~ Nov. 14, 2025	Mar. 04, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804612/2,803954/2	30MHz~40GHz	Aug. 11, 2025	Nov. 12, 2025~ Nov. 14, 2025	Aug. 10, 2026	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Nov. 12, 2025~ Nov. 14, 2025	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 12, 2025~ Nov. 14, 2025	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Nov. 12, 2025~ Nov. 14, 2025	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Nov. 12, 2025~ Nov. 14, 2025	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Nov. 12, 2025~ Nov. 14, 2025	N/A	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP224371	N/A	Jun. 16, 2025	Nov. 07, 2025~ Nov. 12, 2025	Jun. 15, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030SNO31 (NO:182)	9kHz~6GHz	Jan. 09, 2025	Nov. 07, 2025~ Nov. 12, 2025	Jan. 08, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 29, 2025	Nov. 07, 2025~ Nov. 12, 2025	Aug. 28, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	Nov. 07, 2025~ Nov. 12, 2025	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Nov. 07, 2025~ Nov. 12, 2025	N/A	Conducted (TH05-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))	6.4 dB

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

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

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.3 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2025/11/7~2025/11/12	Relative Humidity:	51~54	%

Report Number : FR5O2913-01F

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
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
11a	6Mbps	1	36	5180	15.50	15.50		24.00	24.00	1.91	3.88		Pass
11a	6Mbps	1	40	5200	15.50	15.50		24.00	24.00	1.91	3.88		Pass
11a	6Mbps	1	48	5240	15.50	15.20		24.00	24.00	1.91	3.88		Pass
HT20	MCS0	1	36	5180	15.50	15.50		24.00	24.00	1.91	3.88		Pass
HT20	MCS0	1	40	5200	15.50	15.50		24.00	24.00	1.91	3.88		Pass
HT20	MCS0	1	48	5240	15.40	15.10		24.00	24.00	1.91	3.88		Pass
HT40	MCS0	1	38	5190	15.50	15.40		24.00	24.00	1.91	3.88		Pass
HT40	MCS0	1	46	5230	15.30	15.10	-	24.00	24.00	1.91	3.88	-	Pass
VHT20	MCS0	1	36	5180	15.30	15.20		24.00	24.00	1.91	3.88		Pass
VHT20	MCS0	1	40	5200	15.20	15.20		24.00	24.00	1.91	3.88		Pass
VHT20	MCS0	1	48	5240	15.10	15.30		24.00	24.00	1.91	3.88		Pass
VHT40	MCS0	1	38	5190	15.10	15.50		24.00	24.00	1.91	3.88		Pass
VHT40	MCS0	1	46	5230	15.40	15.20		24.00	24.00	1.91	3.88		Pass
VHT80	MCS0	1	42	5210	15.50	15.50		24.00	24.00	1.91	3.88		Pass
VHT160	MCS0	1	50	5250	15.40	15.20		24.00	24.00	1.91	3.88		Pass

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
HT20	MCS0	2	36	5180	15.50	15.40	18.46	24.00		3.88			Pass
HT20	MCS0	2	40	5200	15.40	15.50	18.46	24.00		3.88			Pass
HT20	MCS0	2	48	5240	15.40	15.10	18.26	24.00		3.88			Pass
HT40	MCS0	2	38	5190	15.50	15.40	18.46	24.00		3.88			Pass
HT40	MCS0	2	46	5230	15.30	15.10	18.21	24.00		3.88			Pass
VHT20	MCS0	2	36	5180	15.20	15.00	18.11	24.00		3.88			Pass
VHT20	MCS0	2	40	5200	15.20	15.10	18.16	24.00		3.88		-	Pass
VHT20	MCS0	2	48	5240	15.50	15.20	18.36	24.00		3.88			Pass
VHT40	MCS0	2	38	5190	15.10	15.10	18.11	24.00		3.88			Pass
VHT40	MCS0	2	46	5230	15.50	15.20	18.36	24.00		3.88			Pass
VHT80	MCS0	2	42	5210	15.50	15.40	18.46	24.00		3.88			Pass
VHT160	MCS0	2	50	5250	15.40	15.20	18.31	24.00		3.88			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
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
11a	6Mbps	1	52	5260	15.50	15.30	-	23.98	23.98	1.91	3.88	30	Pass
11a	6Mbps	1	56	5280	15.40	15.50		23.98	23.98	1.91	3.88	30	Pass
11a	6Mbps	1	64	5320	15.50	15.20		23.98	23.98	1.91	3.88	30	Pass
HT20	MCS0	1	52	5260	15.50	15.20		23.98	23.98	1.91	3.88	30	Pass
HT20	MCS0	1	56	5280	15.30	15.30		23.98	23.98	1.91	3.88	30	Pass
HT20	MCS0	1	64	5320	15.50	15.50		23.98	23.98	1.91	3.88	30	Pass
HT40	MCS0	1	54	5270	15.30	15.20		23.98	23.98	1.91	3.88	30	Pass
HT40	MCS0	1	62	5310	15.40	15.10		23.98	23.98	1.91	3.88	30	Pass
VHT20	MCS0	1	52	5260	15.30	15.40		23.98	23.98	1.91	3.88	30	Pass
VHT20	MCS0	1	56	5280	15.50	15.50		23.98	23.98	1.91	3.88	30	Pass
VHT20	MCS0	1	64	5320	15.50	15.20		23.98	23.98	1.91	3.88	30	Pass
VHT40	MCS0	1	54	5270	15.50	15.30		23.98	23.98	1.91	3.88	30	Pass
VHT40	MCS0	1	62	5310	15.50	15.20		23.98	23.98	1.91	3.88	30	Pass
VHT80	MCS0	1	58	5290	15.50	15.30		23.98	23.98	1.91	3.88	30	Pass

FCC U-NII-2A MIMO													
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
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
HT20	MCS0	2	52	5260	15.50	15.20	18.36	23.98		3.88		30	Pass
HT20	MCS0	2	56	5280	15.30	15.30	18.31	23.98		3.88		30	Pass
HT20	MCS0	2	64	5320	15.40	15.00	18.21	23.98		3.88		30	Pass
HT40	MCS0	2	54	5270	15.40	15.20	18.31	23.98		3.88		30	Pass
HT40	MCS0	2	62	5310	15.40	15.10	18.26	23.98		3.88		30	Pass
VHT20	MCS0	2	52	5260	15.40	15.00	18.21	23.98		3.88		30	Pass
VHT20	MCS0	2	56	5280	15.40	15.40	18.41	23.98		3.88		30	Pass
VHT20	MCS0	2	64	5320	15.50	15.10	18.31	23.98		3.88		30	Pass
VHT40	MCS0	2	54	5270	15.50	15.30	18.41	23.98		3.88		30	Pass
VHT40	MCS0	2	62	5310	15.50	15.20	18.36	23.98		3.88		30	Pass
VHT80	MCS0	2	58	5290	15.50	15.20	18.36	23.98		3.88		30	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
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
11a	6Mbps	1	100	5500	20.80	20.70	-	23.98	23.98	4.55	4.21	30	Pass
11a	6Mbps	1	120	5600	21.00	21.20		23.98	23.98	4.55	4.21	30	Pass
11a	6Mbps	1	140	5700	20.90	20.80		23.98	23.98	4.55	4.21	30	Pass
HT20	MCS0	1	100	5500	21.00	20.70		23.98	23.98	4.55	4.21	30	Pass
HT20	MCS0	1	120	5600	21.20	21.20		23.98	23.98	4.55	4.21	30	Pass
HT20	MCS0	1	140	5700	21.20	21.00		23.98	23.98	4.55	4.21	30	Pass
HT40	MCS0	1	102	5510	20.30	20.50		23.98	23.98	4.55	4.21	30	Pass
HT40	MCS0	1	110	5550	19.60	19.90		23.98	23.98	4.55	4.21	30	Pass
HT40	MCS0	1	134	5670	21.70	21.60		23.98	23.98	4.55	4.21	30	Pass
VHT20	MCS0	1	100	5500	20.80	20.70		23.98	23.98	4.55	4.21	30	Pass
VHT20	MCS0	1	120	5600	20.90	21.20		23.98	23.98	4.55	4.21	30	Pass
VHT20	MCS0	1	140	5700	20.90	20.80		23.98	23.98	4.55	4.21	30	Pass
VHT40	MCS0	1	102	5510	20.20	20.10		23.98	23.98	4.55	4.21	30	Pass
VHT40	MCS0	1	110	5550	19.50	19.80		23.98	23.98	4.55	4.21	30	Pass
VHT40	MCS0	1	134	5670	21.60	21.70		23.98	23.98	4.55	4.21	30	Pass
VHT80	MCS0	1	106	5530	20.20	20.10		23.98	23.98	4.55	4.21	30	Pass
VHT80	MCS0	1	122	5610	21.30	21.70		23.98	23.98	4.55	4.21	30	Pass
VHT160	MCS0	1	114	5570	17.80	17.70		23.98	23.98	4.55	4.21	30	Pass

FCC U-NII-2C MIMO													
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
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
HT20	MCS0	2	100	5500	17.90	17.90	20.91	23.98		4.55		30	Pass
HT20	MCS0	2	120	5600	18.00	17.90	20.96	23.98		4.55		30	Pass
HT20	MCS0	2	140	5700	18.00	17.90	20.96	23.98		4.55		30	Pass
HT40	MCS0	2	102	5510	19.10	19.00	22.06	23.98		4.55		30	Pass
HT40	MCS0	2	110	5550	18.00	17.90	20.96	23.98		4.55		30	Pass
HT40	MCS0	2	134	5670	20.20	20.20	23.21	23.98		4.55		30	Pass
VHT20	MCS0	2	100	5500	17.80	17.80	20.81	23.98		4.55		30	Pass
VHT20	MCS0	2	120	5600	18.00	17.80	20.91	23.98		4.55		30	Pass
VHT20	MCS0	2	140	5700	17.90	17.80	20.86	23.98		4.55		30	Pass
VHT40	MCS0	2	102	5510	19.20	19.10	22.16	23.98		4.55		30	Pass
VHT40	MCS0	2	110	5550	18.00	17.80	20.91	23.98		4.55		30	Pass
VHT40	MCS0	2	134	5670	20.20	20.20	23.21	23.98		4.55		30	Pass
VHT80	MCS0	2	106	5530	18.70	18.60	21.66	23.98		4.55		30	Pass
VHT80	MCS0	2	122	5610	20.40	20.20	23.31	23.98		4.55		30	Pass
VHT160	MCS0	2	114	5570	16.90	16.80	19.86	23.98		4.55		30	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
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
11a	6Mbps	1	144	5720	20.70	20.60	-	23.98	23.98	4.55	4.21	30	Pass
HT20	MCS0	1	144	5720	20.80	20.60		23.98	23.98	4.55	4.21	30	Pass
HT40	MCS0	1	142	5710	22.70	22.60		23.98	23.98	4.55	4.21	30	Pass
VHT20	MCS0	1	144	5720	20.80	20.30		23.98	23.98	4.55	4.21	30	Pass
VHT40	MCS0	1	142	5710	22.60	22.60		23.98	23.98	4.55	4.21	30	Pass
VHT80	MCS0	1	138	5690	21.80	21.80		23.98	23.98	4.55	4.21	30	Pass

FCC U-NII-2C straddle channel MIMO													
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
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
HT20	MCS0	2	144	5720	17.60	17.60	20.61	23.98		4.55		30	Pass
HT40	MCS0	2	142	5710	20.60	20.50	23.56	23.98		4.55		30	Pass
VHT20	MCS0	2	144	5720	17.80	17.70	20.76	23.98		4.55		30	Pass
VHT40	MCS0	2	142	5710	20.70	20.60	23.66	23.98		4.55		30	Pass
VHT80	MCS0	2	138	5690	20.80	20.70	23.76	23.98		4.55		30	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
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
EHT20	MCS0	1	36	5180	Full	15.50	15.50		24.00	24.00	1.91	3.88		Pass
EHT20	MCS0	1	40	5200	Full	15.50	15.20		24.00	24.00	1.91	3.88		Pass
EHT20	MCS0	1	48	5240	Full	15.50	15.30		24.00	24.00	1.91	3.88		Pass
EHT40	MCS0	1	38	5190	Full	15.50	15.50	-	24.00	24.00	1.91	3.88	-	Pass
EHT40	MCS0	1	46	5230	Full	15.40	15.20		24.00	24.00	1.91	3.88		Pass
EHT80	MCS0	1	42	5210	Full	15.50	15.40		24.00	24.00	1.91	3.88		Pass
EHT160	MCS0	1	50	5250	Full	15.40	15.30		24.00	24.00	1.91	3.88		Pass

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
EHT20	MCS0	2	36	5180	Full	15.50	15.50	18.51	24.00		3.88			Pass
EHT20	MCS0	2	40	5200	Full	15.20	15.10	18.16	24.00		3.88			Pass
EHT20	MCS0	2	48	5240	Full	15.50	15.20	18.36	24.00		3.88			Pass
EHT40	MCS0	2	38	5190	Full	15.50	15.40	18.46	24.00		3.88		-	Pass
EHT40	MCS0	2	46	5230	Full	15.40	15.20	18.31	24.00		3.88			Pass
EHT80	MCS0	2	42	5210	Full	15.50	15.40	18.46	24.00		3.88			Pass
EHT160	MCS0	2	50	5250	Full	15.40	15.20	18.31	24.00		3.88			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
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
EHT20	MCS0	1	52	5260	Full	15.20	15.40	-	23.98	23.98	1.91	3.88	30	Pass
EHT20	MCS0	1	56	5280	Full	15.50	15.50		23.98	23.98	1.91	3.88	30	Pass
EHT20	MCS0	1	64	5320	Full	15.50	15.20		23.98	23.98	1.91	3.88	30	Pass
EHT40	MCS0	1	54	5270	Full	15.50	15.30		23.98	23.98	1.91	3.88	30	Pass
EHT40	MCS0	1	62	5310	Full	15.50	15.20		23.98	23.98	1.91	3.88	30	Pass
EHT80	MCS0	1	58	5290	Full	15.50	15.30		23.98	23.98	1.91	3.88	30	Pass
EHT160	MCS0	1	50	5250	Full	15.40	15.30		23.98	23.98	1.91	3.88	30	Pass

FCC U-NII-2A MIMO														
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
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
EHT20	MCS0	2	52	5260	Full	15.50	15.30	18.41	23.98		3.88		30	Pass
EHT20	MCS0	2	56	5280	Full	15.50	15.40	18.46	23.98		3.88		30	Pass
EHT20	MCS0	2	64	5320	Full	15.50	15.10	18.31	23.98		3.88		30	Pass
EHT40	MCS0	2	54	5270	Full	15.40	15.30	18.36	23.98		3.88		30	Pass
EHT40	MCS0	2	62	5310	Full	15.40	15.20	18.31	23.98		3.88		30	Pass
EHT80	MCS0	2	58	5290	Full	15.40	15.20	18.31	23.98		3.88		30	Pass
EHT160	MCS0	2	50	5250	Full	15.40	15.20	18.31	23.98		3.88		30	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
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
EHT20	MCS0	1	100	5500	Full	20.80	20.40	-	23.98	23.98	4.55	4.21	30	Pass
EHT20	MCS0	1	120	5600	Full	21.20	21.20		23.98	23.98	4.55	4.21	30	Pass
EHT20	MCS0	1	140	5700	Full	20.90	20.80		23.98	23.98	4.55	4.21	30	Pass
EHT40	MCS0	1	102	5510	Full	20.20	20.20		23.98	23.98	4.55	4.21	30	Pass
EHT40	MCS0	1	110	5550	Full	19.70	19.70		23.98	23.98	4.55	4.21	30	Pass
EHT40	MCS0	1	134	5670	Full	21.40	21.40		23.98	23.98	4.55	4.21	30	Pass
EHT80	MCS0	1	106	5530	Full	20.20	20.20		23.98	23.98	4.55	4.21	30	Pass
EHT80	MCS0	1	122	5610	Full	21.40	21.70		23.98	23.98	4.55	4.21	30	Pass
EHT160	MCS0	1	114	5570	Full	17.80	17.80		23.98	23.98	4.55	4.21	30	Pass

FCC U-NII-2C MIMO														
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
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
EHT20	MCS0	2	100	5500	Full	17.90	17.80	20.86	23.98		4.55		30	Pass
EHT20	MCS0	2	120	5600	Full	17.90	17.80	20.86	23.98		4.55		30	Pass
EHT20	MCS0	2	140	5700	Full	17.90	17.80	20.86	23.98		4.55		30	Pass
EHT40	MCS0	2	102	5510	Full	19.10	19.00	22.06	23.98		4.55		30	Pass
EHT40	MCS0	2	110	5550	Full	17.90	17.70	20.81	23.98		4.55		30	Pass
EHT40	MCS0	2	134	5670	Full	19.90	19.80	22.86	23.98		4.55		30	Pass
EHT80	MCS0	2	106	5530	Full	18.70	18.50	21.61	23.98		4.55		30	Pass
EHT80	MCS0	2	122	5610	Full	20.20	20.10	23.16	23.98		4.55		30	Pass
EHT160	MCS0	2	114	5570	Full	16.80	16.80	19.81	23.98		4.55		30	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
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
EHT20	MCS0	1	144	5720	Full	20.30	20.80	-	23.98	23.98	4.55	4.21	30	Pass
EHT40	MCS0	1	142	5710	Full	22.70	22.80		23.98	23.98	4.55	4.21	30	Pass
EHT80	MCS0	1	138	5690	Full	21.80	21.80		23.98	23.98	4.55	4.21	30	Pass

FCC U-NII-2C straddle channel MIMO														
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
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B		
EHT20	MCS0	2	144	5720	Full	17.80	17.70	20.76	23.98		4.55		30	Pass
EHT40	MCS0	2	142	5710	Full	20.60	20.70	23.66	23.98		4.55		30	Pass
EHT80	MCS0	2	138	5690	Full	20.80	20.70	23.76	23.98		4.55		30	Pass

Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Fred Tseng, Ray Lung and Sky Chang	**Temperature :**	21.1 ~ 25.7℃
		Relative Humidity :	55.8 ~ 63.2%

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	Chain B	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	Chain A	802.11a	36	5180	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	Chain B+A	802.11be EHT20	36	5180	MCS0	-	-
Mode 4	U-NII-1	5.15-5.25	Chain B+A	802.11be EHT160	50	5250	MCS0	-	-
Mode 5	U-NII-2A	5.25-5.35	Chain B	802.11a	64	5320	6Mbps	-	-
Mode 6	U-NII-2A	5.25-5.35	Chain A	802.11a	64	5320	6Mbps	-	-
Mode 7	U-NII-2A	5.25-5.35	Chain B+A	802.11be EHT20	64	5320	MCS0	-	-
Mode 8	U-NII-2C	5.47-5.725	Chain B	802.11a	140	5700	6Mbps	-	-
Mode 9	U-NII-2C	5.47-5.725	Chain A	802.11a	140	5700	6Mbps	-	-
Mode 10	U-NII-2C	5.47-5.725	Chain B+A	802.11be EHT20	140	5700	MCS0	-	-
Mode 11	U-NII-2C	5.47-5.725	Chain B+A	802.11be EHT160	114	5570	MCS0	-	-

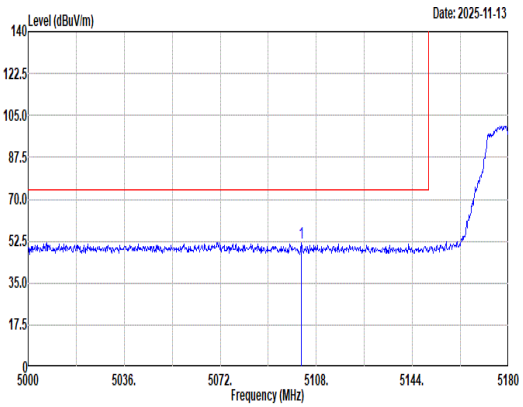
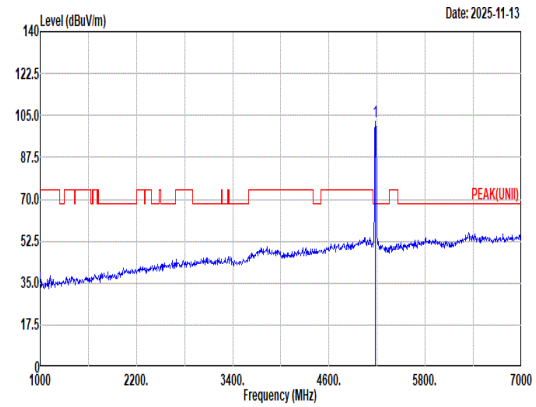
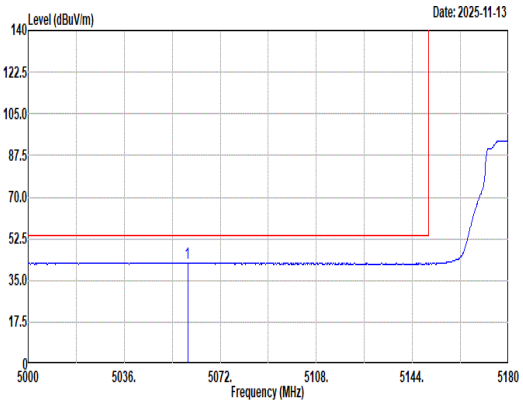
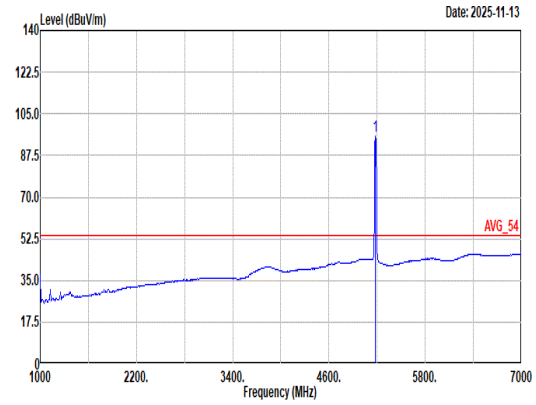
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-1	5.15-5.25	Chain B+A	802.11be EHT160	50	5250	MCS0	-	LF
Mode 13	U-NII-1	5.15-5.25	Chain B+A	802.11be EHT160	50	5250	MCS0	-	SHF

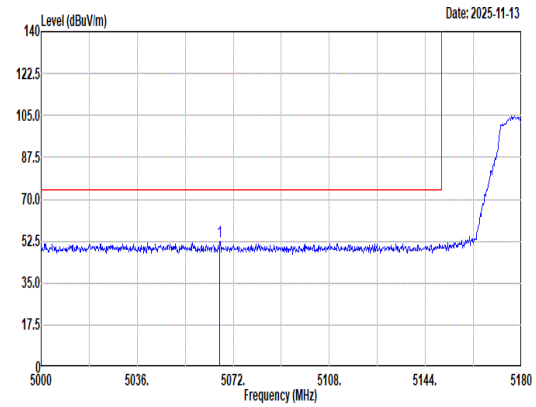
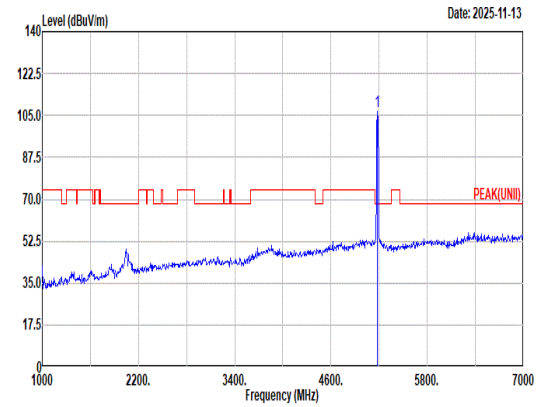
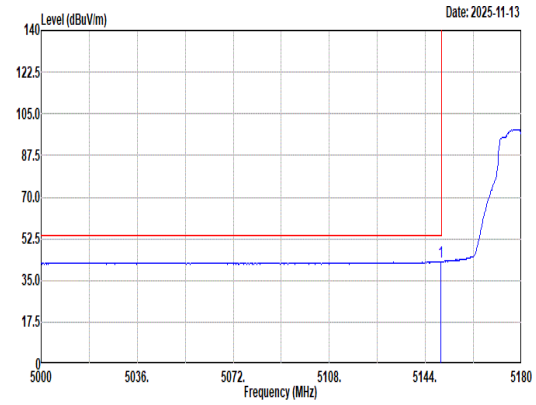
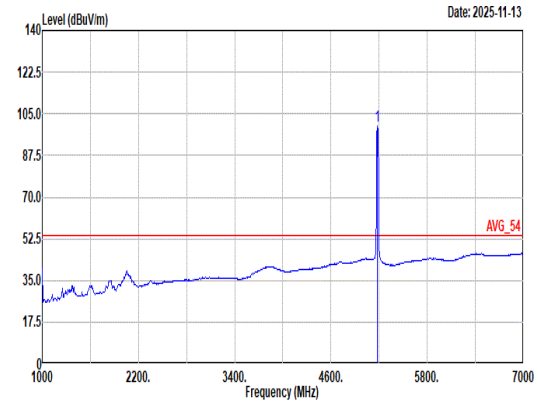
B2. Summary of each worse mode

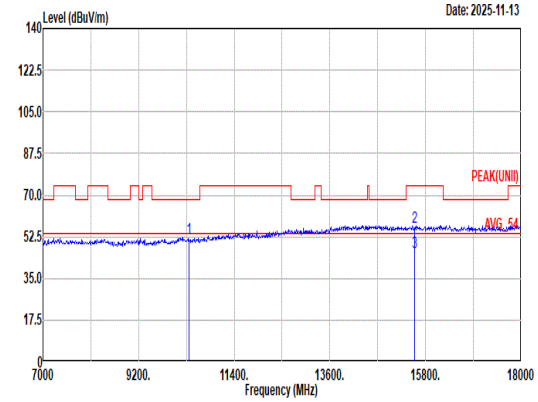
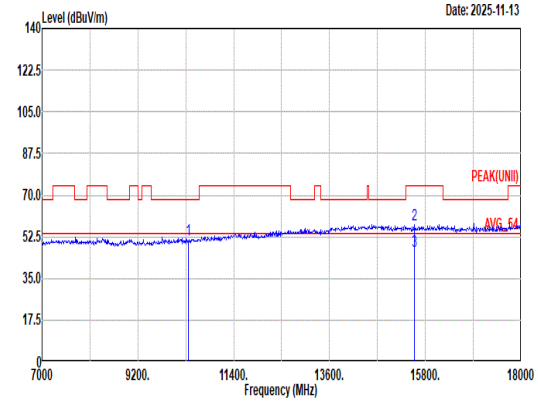
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.76	43.03	54.00	-10.97	V	Avg.	Pass	-	Band Edge
	802.11a	36	15540.00	46.23	54.00	-7.77	V	Avg.	Pass	-	Harmonic
2	802.11a	36	5149.76	44.77	54.00	-9.23	V	Avg.	Pass	-	Band Edge
	802.11a	36	15540.00	46.07	54.00	-7.93	V	Avg.	Pass	-	Harmonic
3	802.11be EHT20	36	5149.76	48.03	54.00	-5.97	V	Avg.	Pass	-	Band Edge
	802.11be EHT20	36	-	-	-	-	-	-	-	-	Harmonic
4	802.11be EHT160	50	5350.17	49.67	54.00	-4.33	V	Avg.	Pass	-	Band Edge
	802.11be EHT160	50	-	-	-	-	-	-	-	-	Harmonic
5	802.11a	64	5350.24	41.94	54.00	-12.06	V	Avg.	Pass	-	Band Edge
	802.11a	64	15960.00	46.42	54.00	-7.58	V	Avg.	Pass	-	Harmonic
6	802.11a	64	5350.52	42.67	54.00	-11.33	V	Avg.	Pass	-	Band Edge

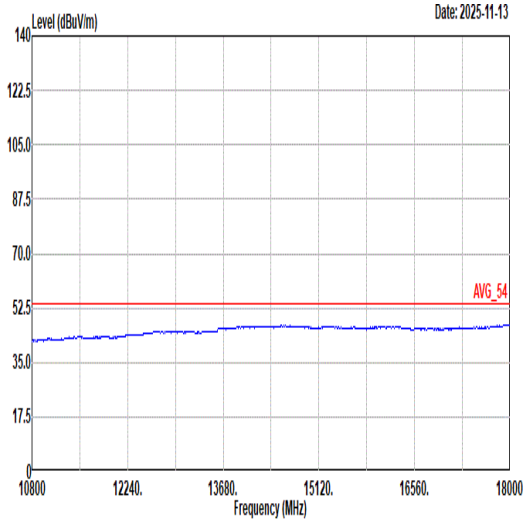
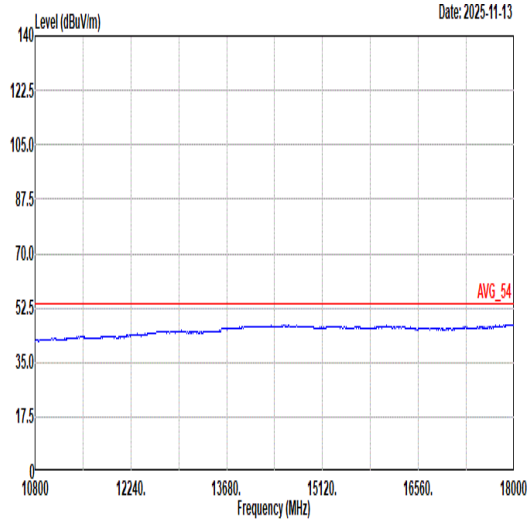
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	802.11a	64	15960.00	46.58	54.00	-7.42	H	Avg.	Pass	-	Harmonic
7	802.11be EHT20	64	5350.66	46.30	54.00	-7.70	V	Avg.	Pass	-	Band Edge
	802.11be EHT20	64	-	-	-	-	-	-	-	-	Harmonic
8	802.11a	140	5726.98	58.12	68.20	-10.08	V	Peak	Pass	-	Band Edge
	802.11a	140	11400.00	43.07	54.00	-10.93	V	Avg.	Pass	-	Harmonic
9	802.11a	140	5725.29	60.98	68.20	-7.22	H	Peak	Pass	-	Band Edge
	802.11a	140	11400.00	44.20	54.00	-9.80	V	Avg.	Pass	-	Harmonic
10	802.11be EHT20	140	5729.84	62.41	68.20	-5.79	V	Peak	Pass	-	Band Edge
	802.11be EHT20	140	-	-	-	-	-	-	-	-	Harmonic
11	802.11be EHT160	114	5459.78	49.54	54.00	-4.46	V	Avg.	Pass	-	Band Edge
	802.11be EHT160	114	-	-	-	-	-	-	-	-	Harmonic

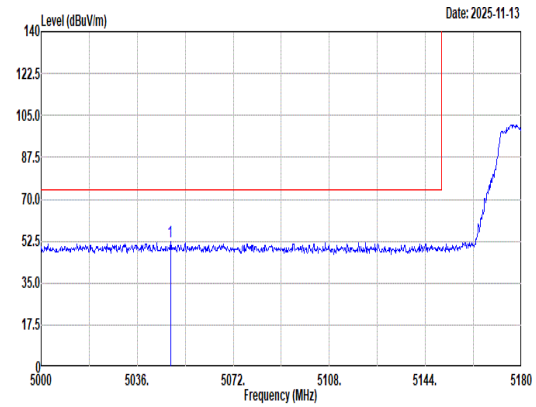
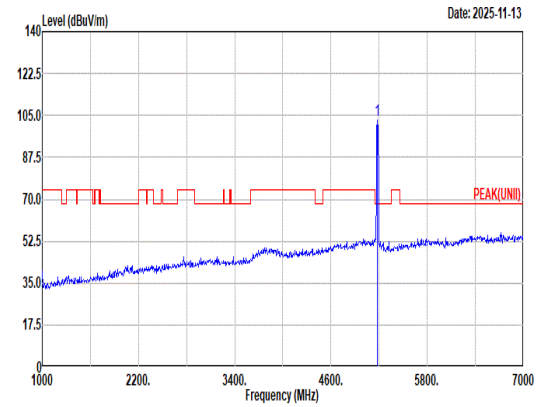
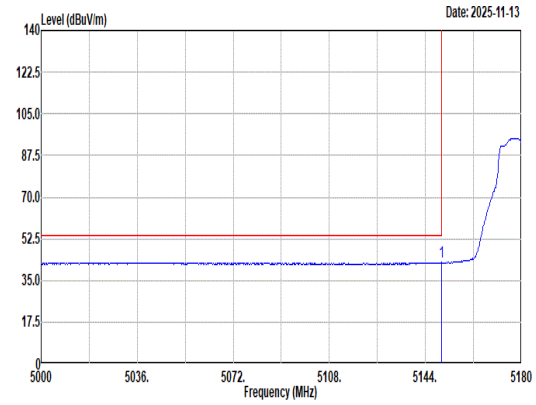
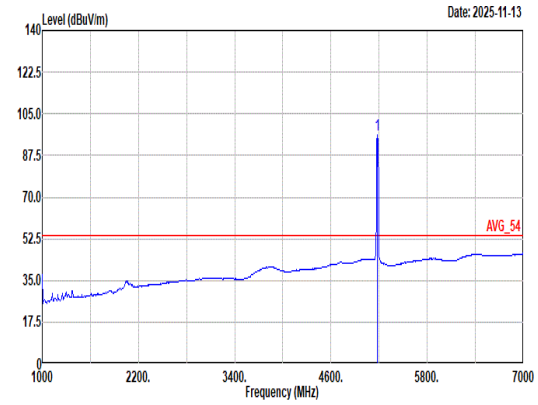
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	LF	50	953.44	33.74	46.00	-12.26	H	Peak	Pass	-	LF
13	SHF	50	39454.82	40.87	54.00	-13.13	H	Avg.	Pass	-	SHF

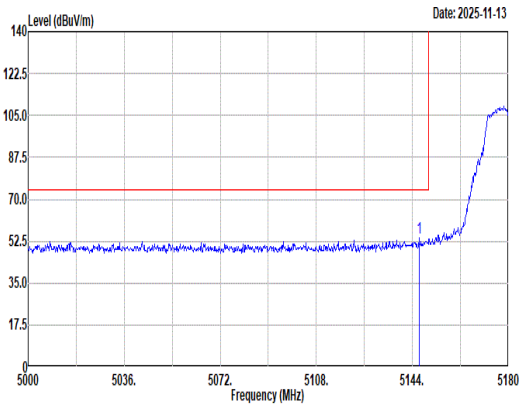
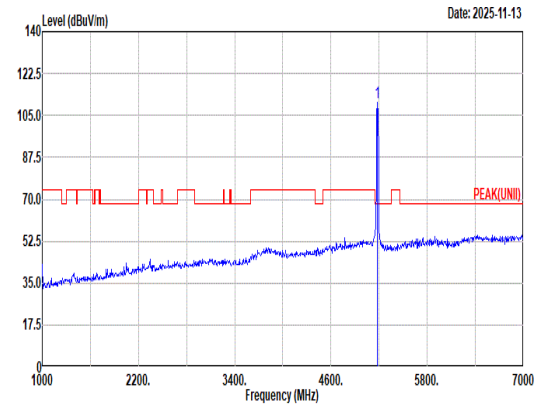
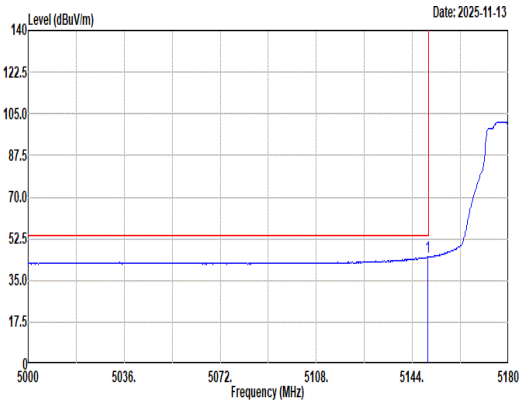
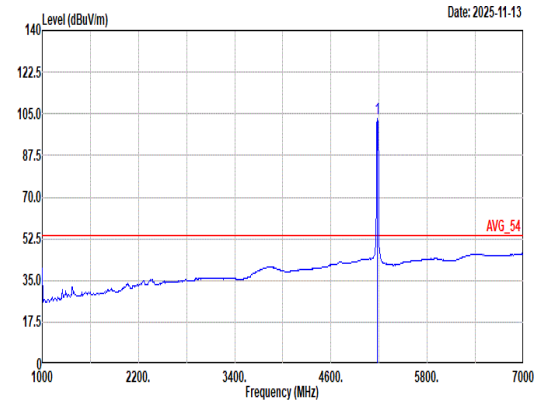
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	Chain B	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5102.24 51.87 74.00 -22.13 38.86 32.50 13.76 34.21 0.96 246 255 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5180.00 102.44 ------ ------ 89.43 32.50 13.87 34.31 0.95 246 255 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz 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 5059.76 42.48 54.00 -11.52 29.30 32.66 13.70 34.15 0.97 246 255 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz 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 95.47 ------ ------ 82.46 32.50 13.88 34.32 0.95 246 255 Average

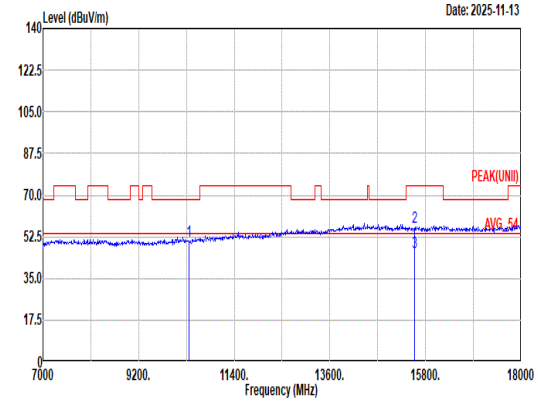
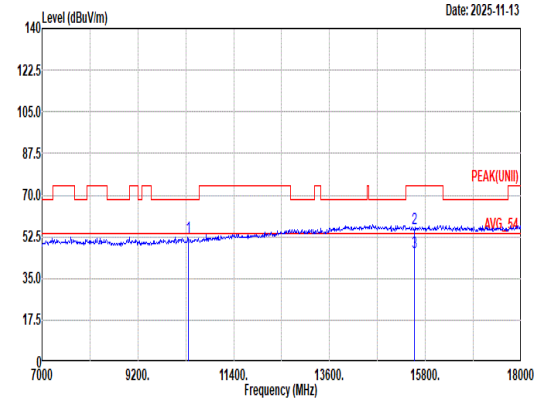
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	Chain B	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5066.96 52.26 74.00 -21.74 39.11 32.63 13.71 34.16 0.97 196 133 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5180.00 106.96 ------ ------ 93.95 32.50 13.88 34.32 0.95 196 133 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz 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 43.03 54.00 -10.97 30.02 32.50 13.83 34.28 0.96 196 133 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz 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 99.94 ------ ------ 86.93 32.50 13.88 34.32 0.95 196 133 Average

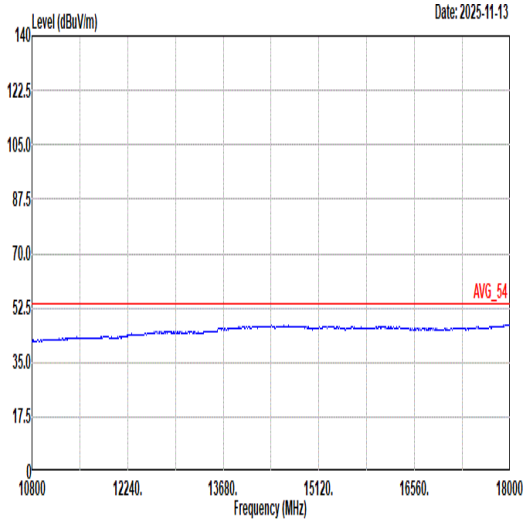
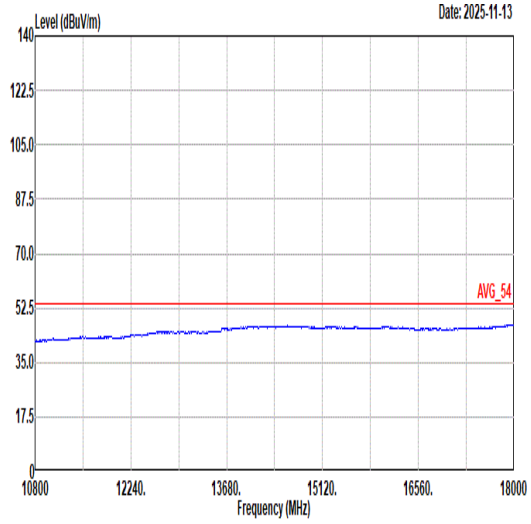
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	Chain B	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 51.74 68.20 -16.46 32.39 37.36 19.92 39.70 1.77 -- -- Peak 2 15540.00 56.55 74.00 -17.45 34.75 40.80 24.77 45.92 2.15 -- -- Peak 3 15540.00 46.10 54.00 -7.90 24.30 40.80 24.77 45.92 2.15 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 51.01 68.20 -17.19 31.66 37.36 19.92 39.70 1.77 -- -- Peak 2 15540.00 57.73 74.00 -16.27 35.93 40.80 24.77 45.92 2.15 -- -- Peak 3 15540.00 46.23 54.00 -7.77 24.43 40.80 24.77 45.92 2.15 -- -- Average

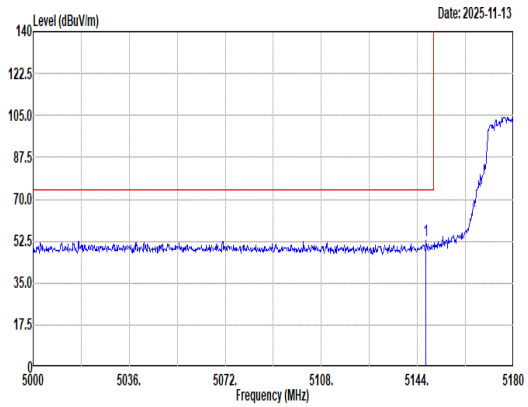
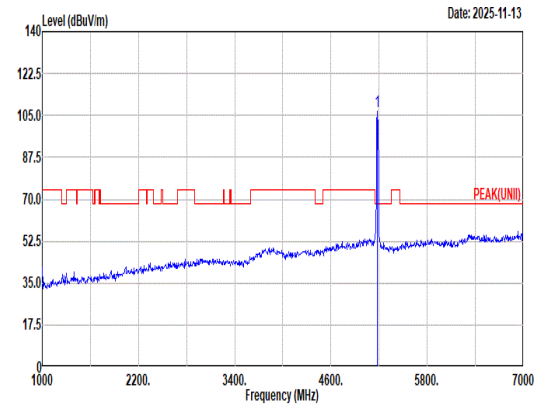
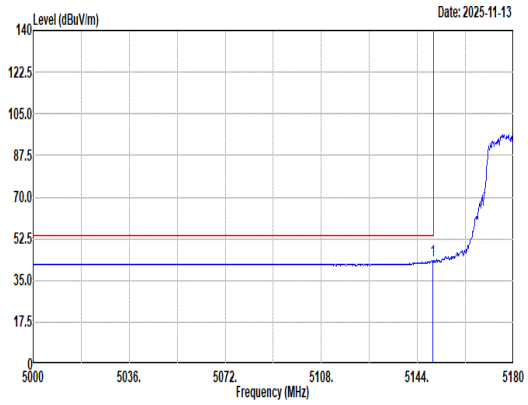
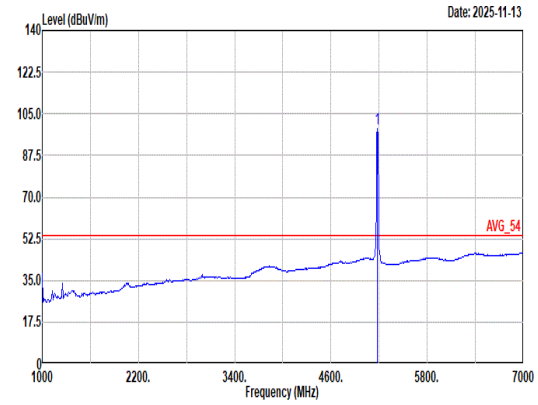
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	Chain B	
Pol.	Horizontal	Vertical
10.8G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL

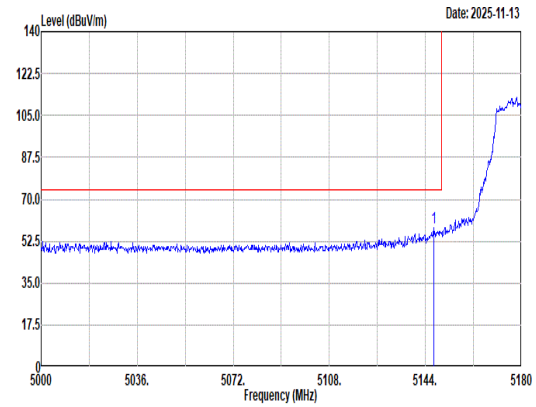
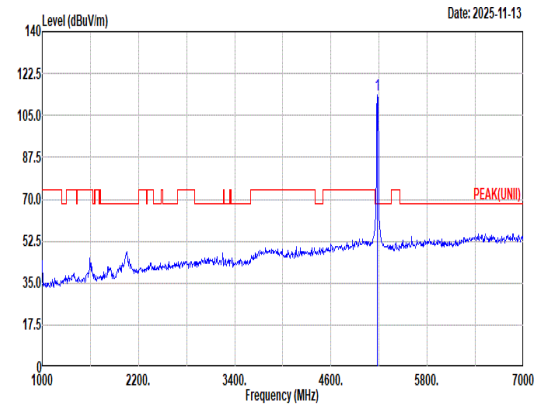
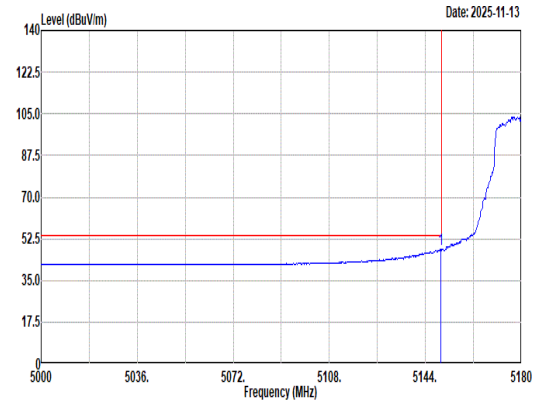
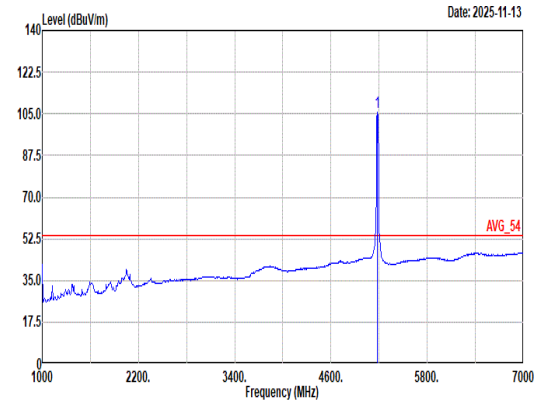
Mode	2	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	Chain A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5048.42 52.35 74.00 -21.65 39.13 32.70 13.68 34.13 0.97 400 231 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5180.00 103.03 ------ ------ 90.02 32.50 13.87 34.31 0.95 400 231 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz 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 42.54 54.00 -11.46 29.53 32.50 13.83 34.28 0.96 400 231 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz 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 96.08 ------ ------ 83.07 32.50 13.87 34.31 0.95 400 231 Average

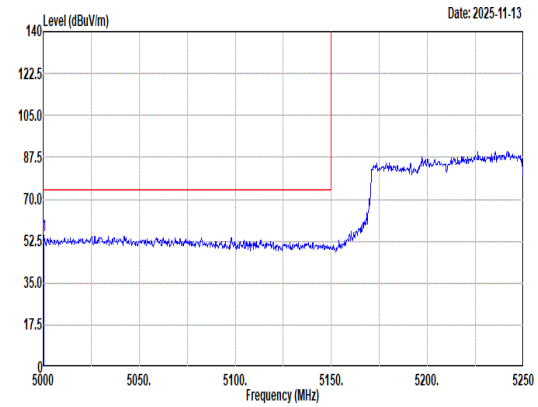
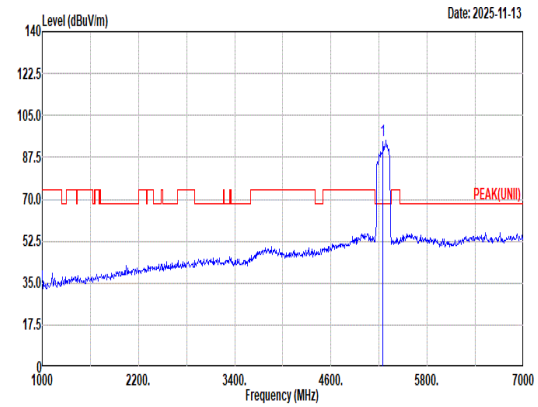
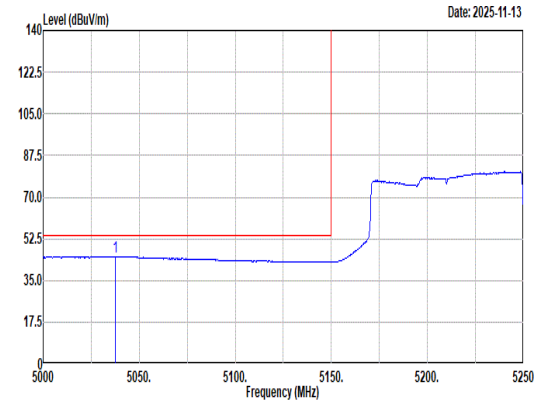
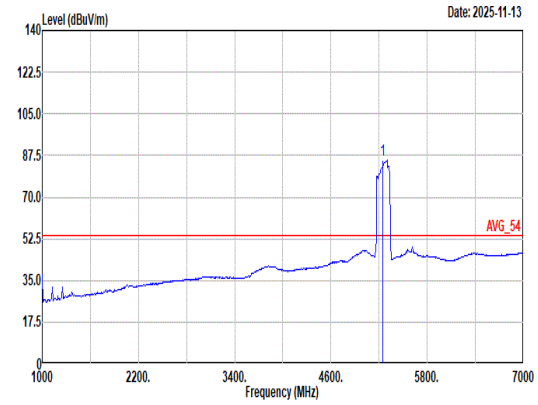
Mode	2	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	Chain A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5146.52 54.09 74.00 -19.91 41.07 32.50 13.83 34.27 0.96 200 97 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5180.00 110.24 ------ ------ 97.23 32.50 13.87 34.31 0.95 200 97 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz 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 44.77 54.00 -9.23 31.76 32.50 13.83 34.28 0.96 200 97 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz 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 5180.00 103.13 ------ ------ 90.12 32.50 13.87 34.31 0.95 200 97 Average

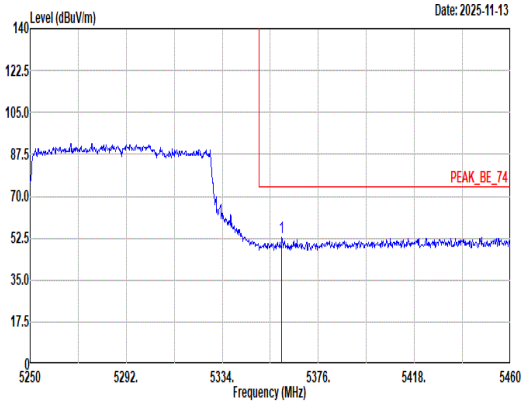
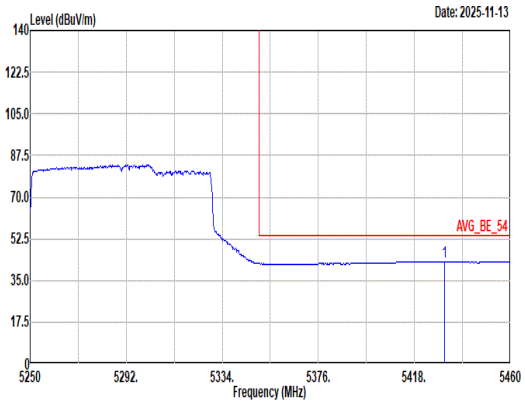
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	Chain A	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 50.84 68.20 -17.36 31.49 37.36 19.92 39.70 1.77 -- -- Peak 2 15540.00 56.44 74.00 -17.56 34.64 40.80 24.77 45.92 2.15 -- -- Peak 3 15540.00 46.07 54.00 -7.93 24.27 40.80 24.77 45.92 2.15 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 52.29 68.20 -15.91 32.94 37.36 19.92 39.70 1.77 -- -- Peak 2 15540.00 56.06 74.00 -17.94 34.26 40.80 24.77 45.92 2.15 -- -- Peak 3 15540.00 46.07 54.00 -7.93 24.27 40.80 24.77 45.92 2.15 -- -- Average

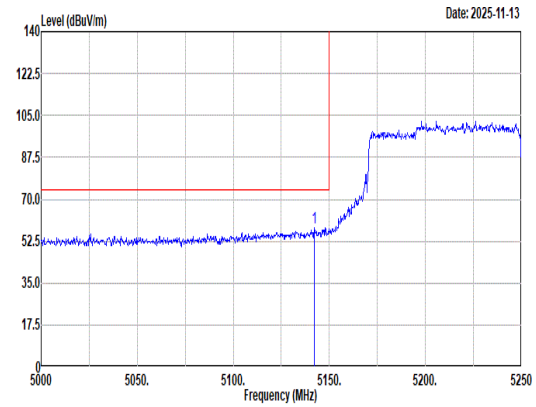
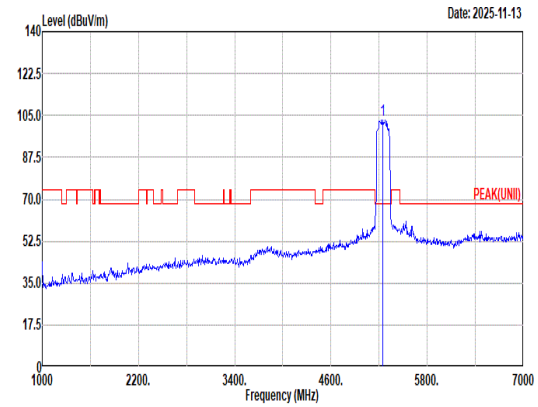
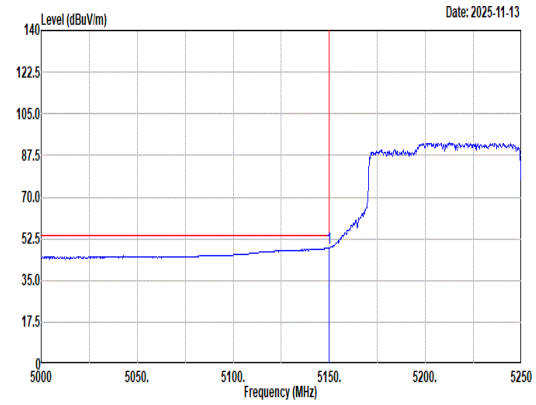
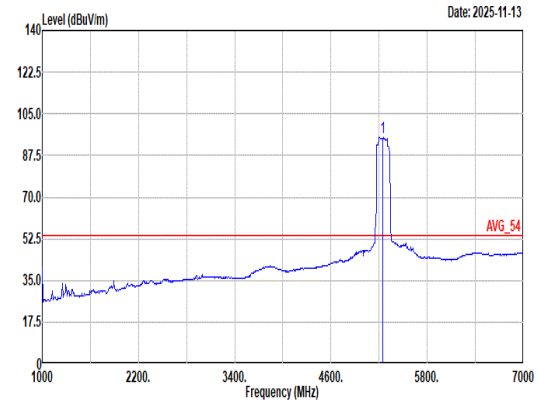
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	Chain A	
Pol.	Horizontal	Vertical
10.8G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL

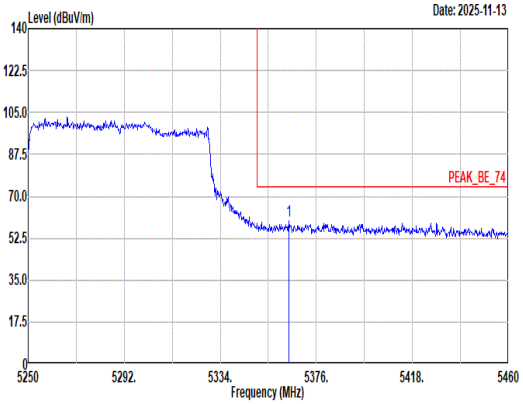
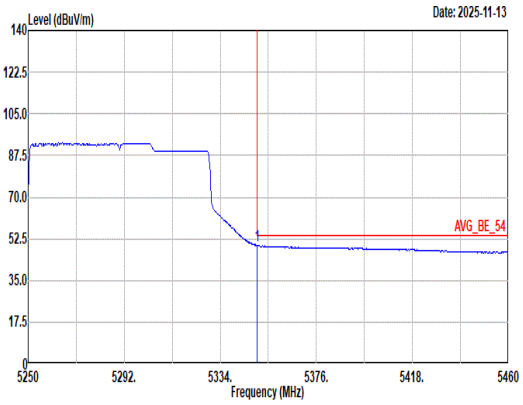
Mode	3	
	Band Edge	
	U-NII-1_5.15-5.25_802.11be EHT20_CH36_5180MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5147.24 52.97 74.00 -21.03 39.95 32.50 13.83 34.27 0.96 400 299 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5180.00 106.48 ------ ------ 93.47 32.50 13.87 34.31 0.95 400 299 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 43.27 54.00 -10.73 30.26 32.50 13.83 34.28 0.96 400 299 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 98.84 ------ ------ 85.83 32.50 13.87 34.31 0.95 400 299 Average

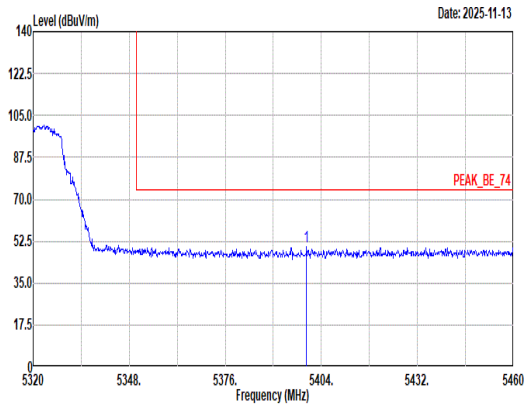
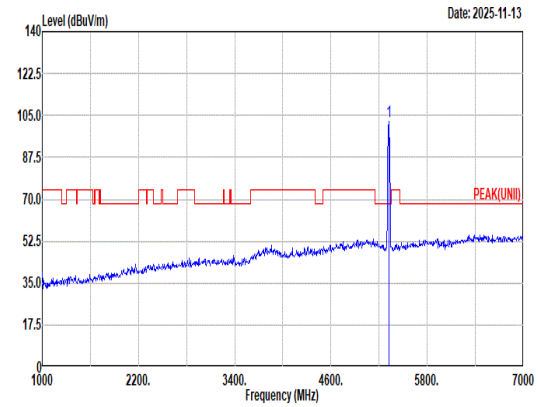
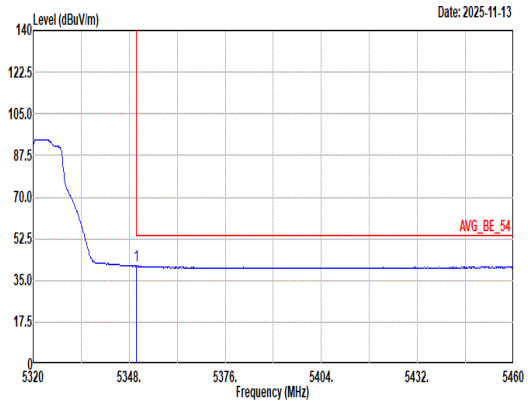
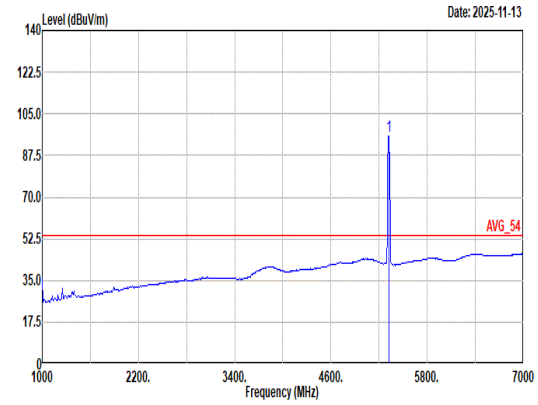
Mode	3	
	Band Edge	
	U-NII-1_5.15-5.25_802.11be EHT20_CH36_5180MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5147.06 57.87 74.00 -16.13 44.85 32.50 13.83 34.27 0.96 193 136 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5180.00 113.55 ------ ------ 100.54 32.50 13.88 34.32 0.95 193 136 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 48.03 54.00 -5.97 35.02 32.50 13.83 34.28 0.96 193 136 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 105.59 ------ ------ 92.58 32.50 13.87 34.31 0.95 193 136 Average

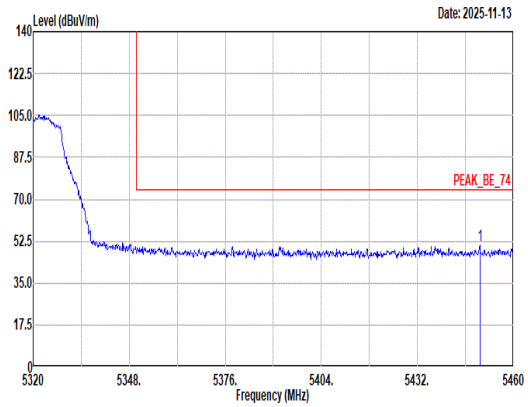
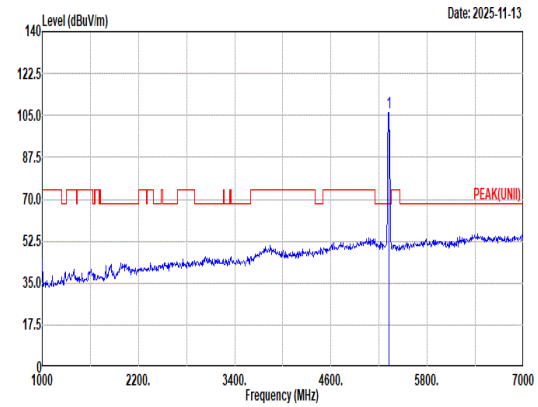
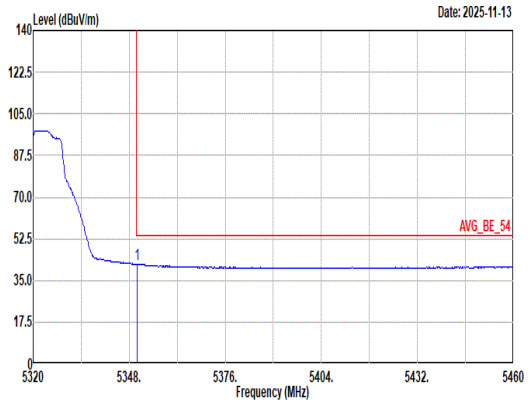
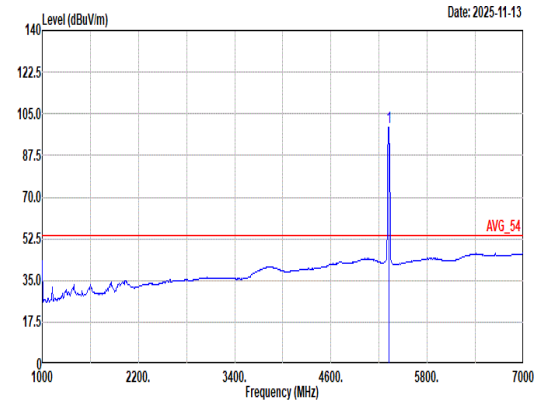
Mode	4	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11be EHT160_CH50_5250MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5000.25 54.85 74.00 -19.15 41.52 32.80 13.61 34.06 0.98 300 256 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5250.00 94.33 ------ ------ 81.41 32.33 14.06 34.47 1.00 300 256 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5037.75 45.14 54.00 -8.86 31.89 32.72 13.67 34.11 0.97 300 256 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5250.00 85.40 ------ ------ 72.49 32.30 14.09 34.49 1.01 300 256 Average

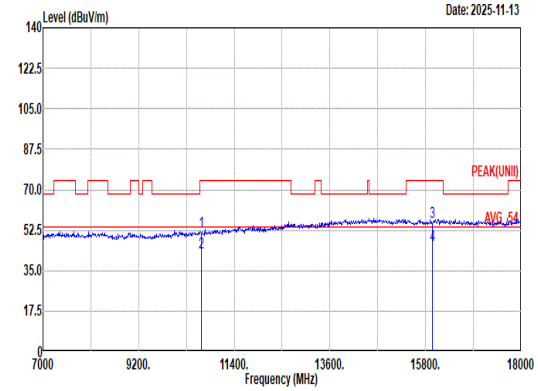
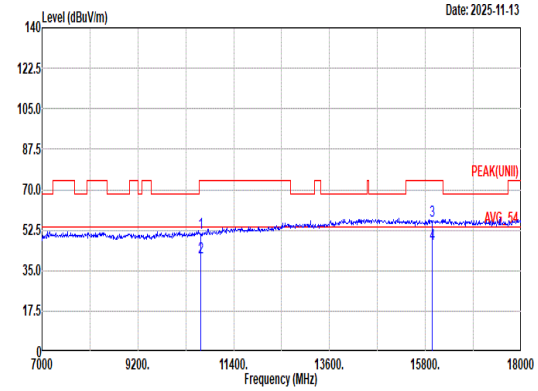
Mode	4	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11be EHT160_CH50_5250MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5360.04 52.66 74.00 -21.34 39.73 32.28 14.19 34.58 1.04 300 256 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5431.23 42.89 54.00 -11.11 29.91 32.32 14.30 34.68 1.04 300 256 Average	Blank

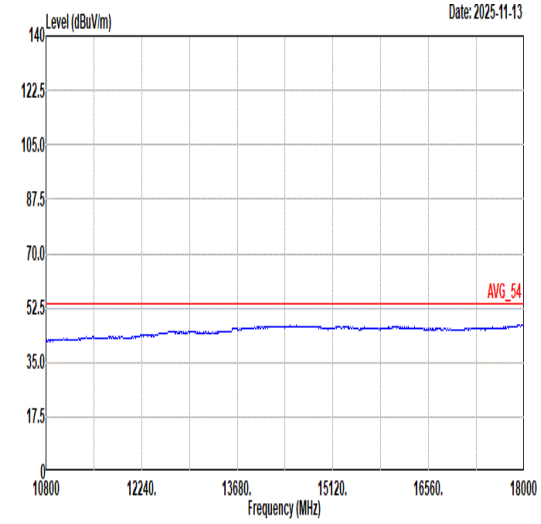
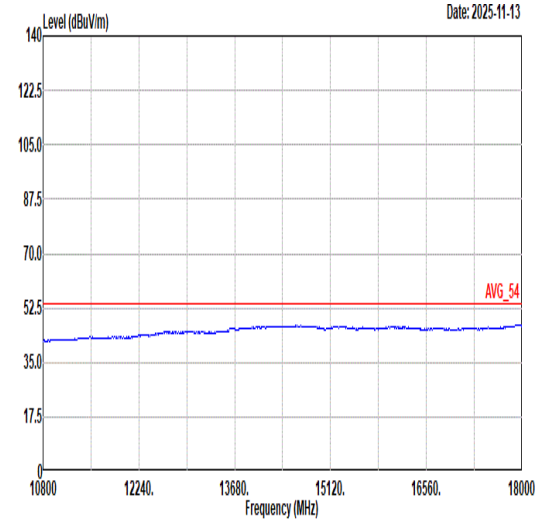
Mode	4	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11be EHT160_CH50_5250MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5142.25 58.12 74.00 -15.88 45.10 32.50 13.82 34.26 0.96 200 80 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5250.00 103.10 ------ ------ 90.12 32.44 13.96 34.39 0.97 200 80 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5150.00 48.83 54.00 -5.17 35.81 32.50 13.84 34.28 0.96 200 80 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5250.00 94.92 ------ ------ 81.91 32.50 13.91 34.35 0.95 200 80 Average

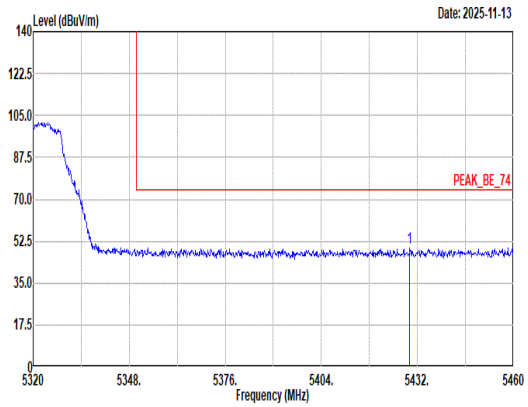
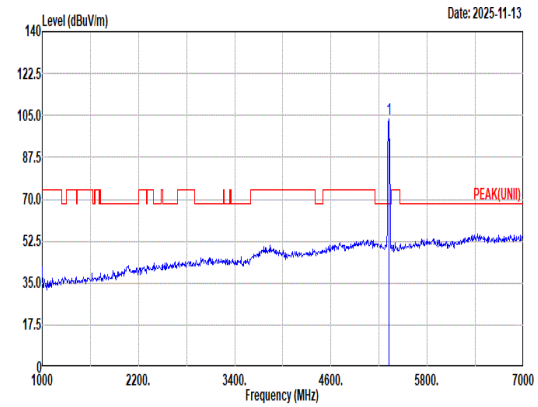
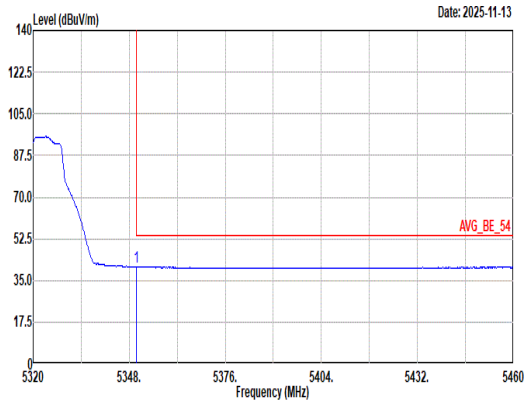
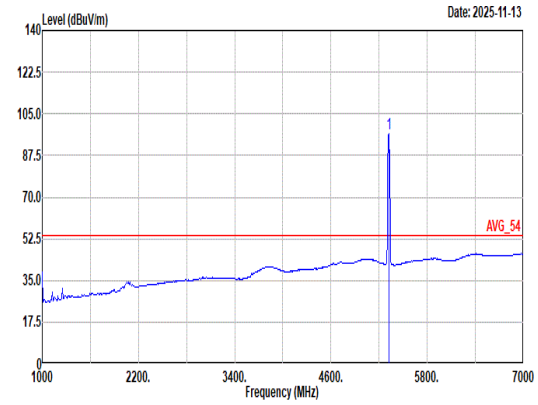
Mode	4	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11be EHT160_CH50_5250MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5364.03 59.50 74.00 -14.50 46.57 32.27 14.20 34.58 1.04 200 80 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5350.17 49.67 54.00 -4.33 36.73 32.30 14.17 34.56 1.03 200 80 Average	Blank

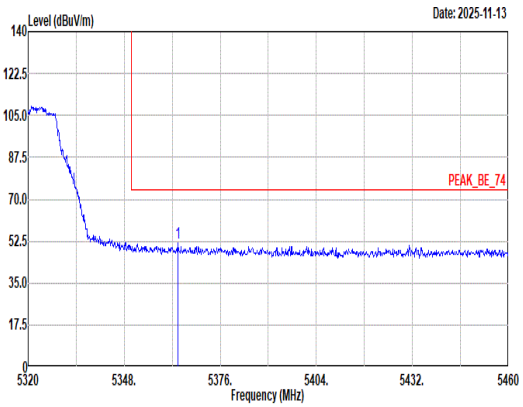
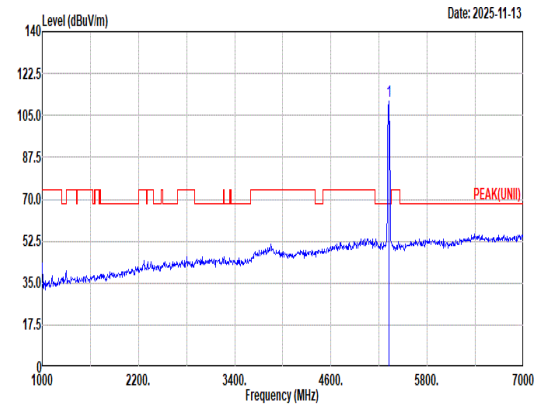
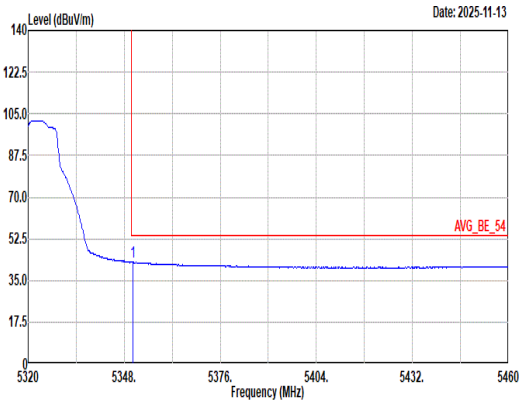
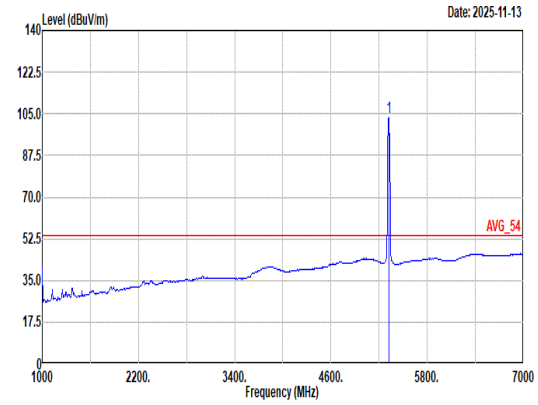
Mode	5	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	Chain B	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5399.66 49.99 74.00 -24.01 37.11 32.20 14.26 34.64 1.06 263 254 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 102.50 ------ ------ 89.58 32.30 14.13 34.53 1.02 263 254 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz 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 41.14 54.00 -12.86 28.20 32.30 14.17 34.56 1.03 263 254 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz 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 95.69 ------ ------ 82.77 32.30 14.12 34.52 1.02 263 254 Average

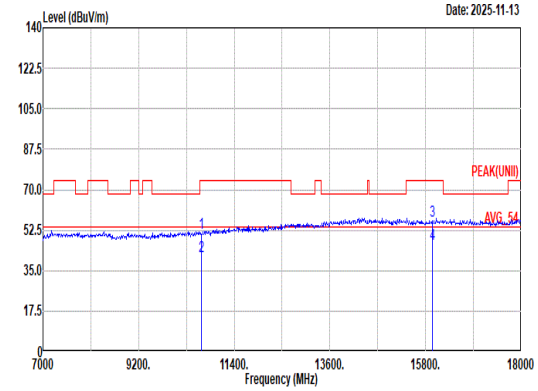
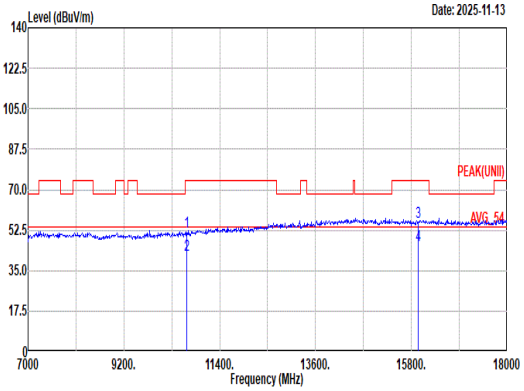
Mode	5	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	Chain B	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5450.20 50.56 74.00 -23.44 37.51 32.40 14.33 34.71 1.03 223 140 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5320.00 106.44 ------ ------ 93.52 32.30 14.12 34.52 1.02 223 140 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz 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 41.94 54.00 -12.06 29.00 32.30 14.17 34.56 1.03 223 140 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 99.27 ------ ------ 86.36 32.30 14.11 34.51 1.01 223 140 Average

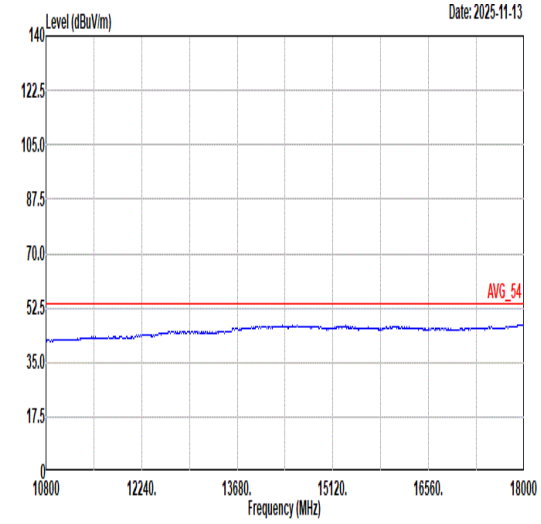
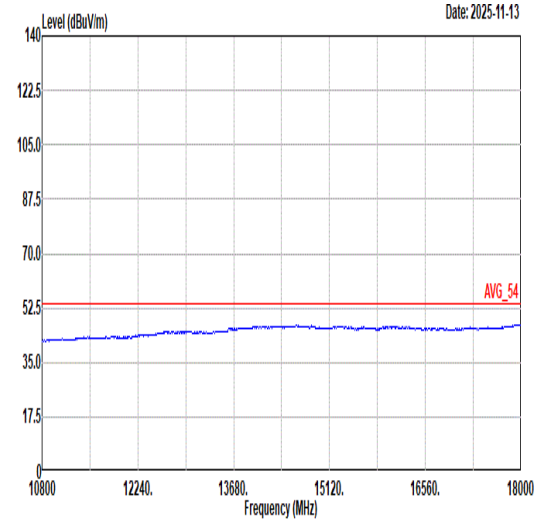
Mode	5	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	Chain B	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10640.00 51.75 74.00 -22.25 32.23 37.50 20.21 40.02 1.83 -- -- Peak 2 10640.00 42.97 54.00 -11.03 23.45 37.50 20.21 40.02 1.83 -- -- Average 3 15960.00 55.85 74.00 -18.15 34.04 40.98 25.10 46.40 2.13 -- -- Peak 4 15960.00 45.93 54.00 -8.07 24.12 40.98 25.10 46.40 2.13 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10640.00 51.00 74.00 -23.00 31.48 37.50 20.21 40.02 1.83 -- -- Peak 2 10640.00 40.85 54.00 -13.15 21.33 37.50 20.21 40.02 1.83 -- -- Average 3 15960.00 56.34 74.00 -17.66 34.53 40.98 25.10 46.40 2.13 -- -- Peak 4 15960.00 46.42 54.00 -7.58 24.61 40.98 25.10 46.40 2.13 -- -- Average

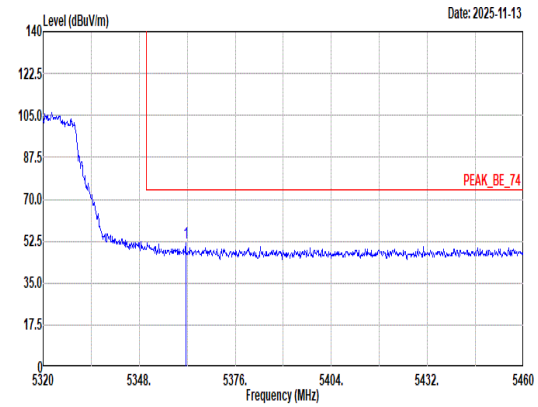
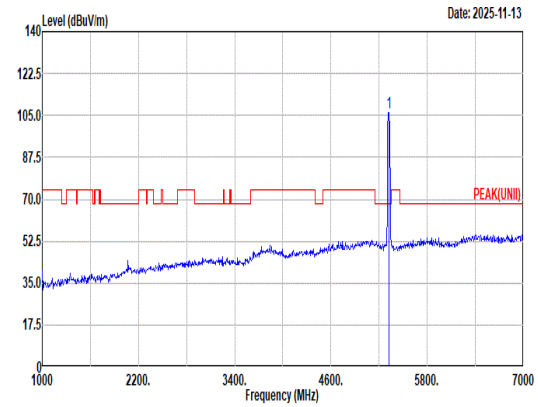
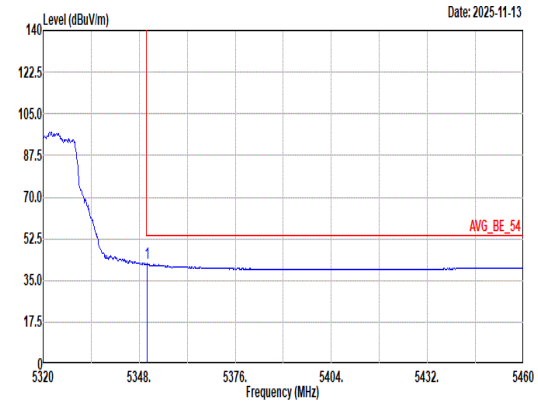
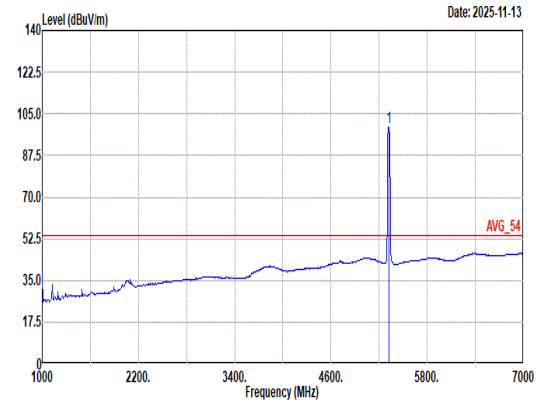
Mode	5	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	Chain B	
Pol.	Horizontal	Vertical
10.8G ~18G Avg		

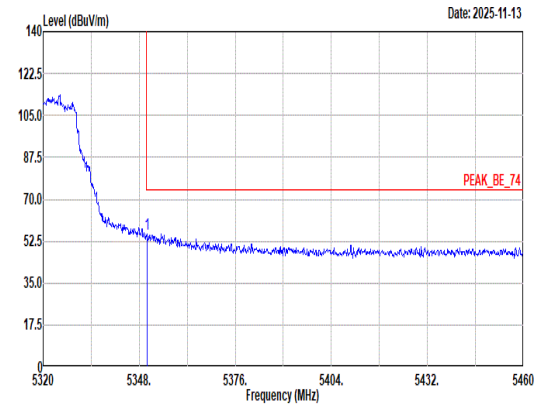
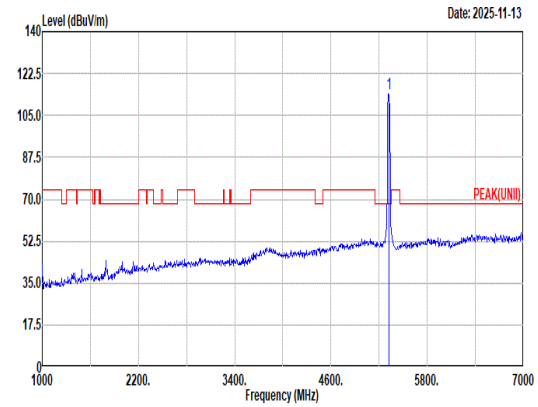
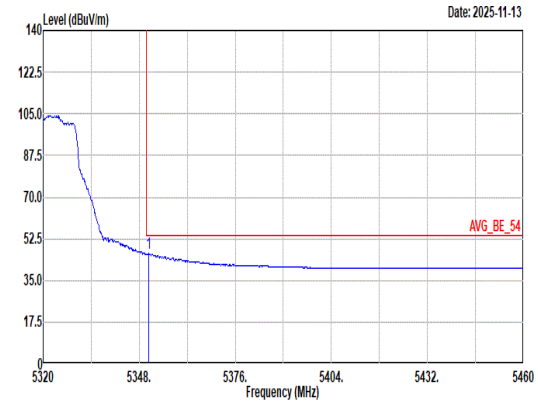
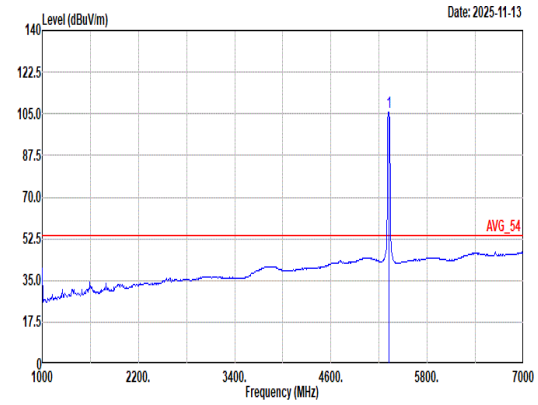
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	Chain A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5429.76 49.49 74.00 -24.51 36.51 32.32 14.30 34.68 1.04 383 218 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 103.36 ------ ------ 90.44 32.30 14.12 34.52 1.02 383 218 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz 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 40.83 54.00 -13.17 27.89 32.30 14.17 34.56 1.03 383 218 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 96.67 ------ ------ 83.75 32.30 14.13 34.53 1.02 383 218 Average

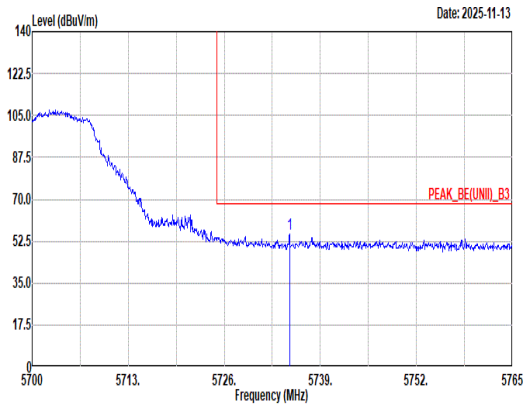
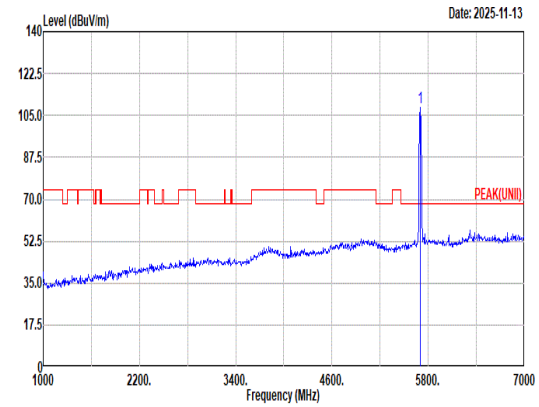
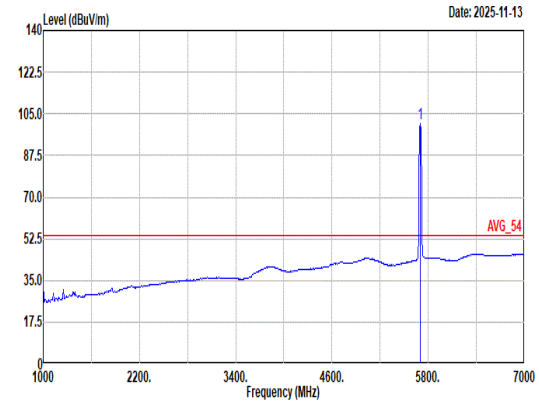
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	Chain A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5363.68 51.82 74.00 -22.18 38.89 32.27 14.20 34.58 1.04 200 84 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5320.00 110.69 ------ ------ 97.77 32.30 14.12 34.52 1.02 200 84 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz 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 5350.52 42.67 54.00 -11.33 29.73 32.30 14.17 34.56 1.03 200 84 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz 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 5320.00 103.29 ------ ------ 90.37 32.30 14.13 34.53 1.02 200 84 Average

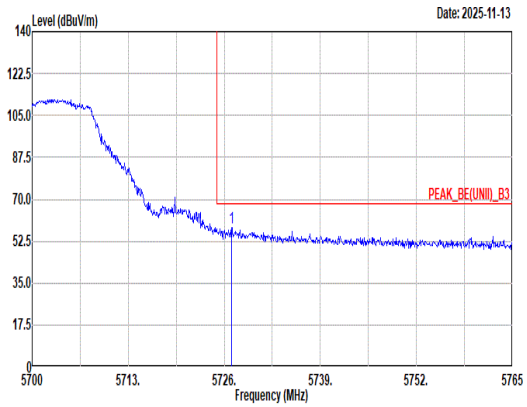
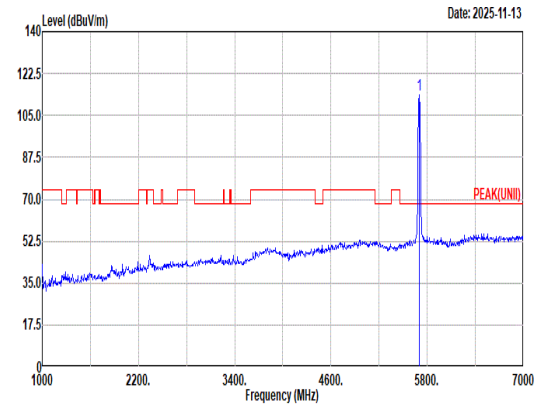
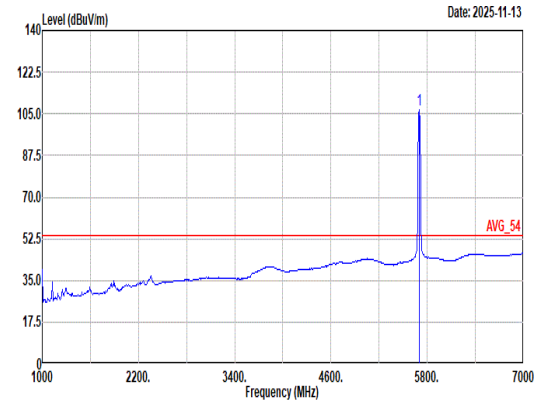
Mode	6	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	Chain A	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL 1 10640.00 51.05 74.00 -22.95 31.53 37.50 20.21 40.02 1.83 -- -- Peak 2 10640.00 41.13 54.00 -12.87 21.61 37.50 20.21 40.02 1.83 -- -- Average 3 15960.00 56.45 74.00 -17.55 34.64 40.98 25.10 46.40 2.13 -- -- Peak 4 15960.00 46.58 54.00 -7.42 24.77 40.98 25.10 46.40 2.13 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 VERTICAL 1 10640.00 51.75 74.00 -22.25 32.23 37.50 20.21 40.02 1.83 -- -- Peak 2 10640.00 41.68 54.00 -12.32 22.16 37.50 20.21 40.02 1.83 -- -- Average 3 15960.00 55.97 74.00 -18.03 34.16 40.98 25.10 46.40 2.13 -- -- Peak 4 15960.00 46.16 54.00 -7.84 24.35 40.98 25.10 46.40 2.13 -- -- Average

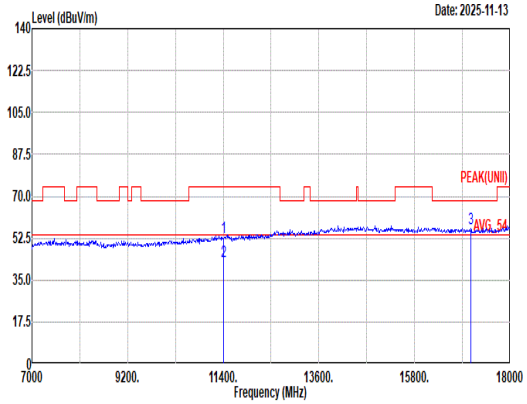
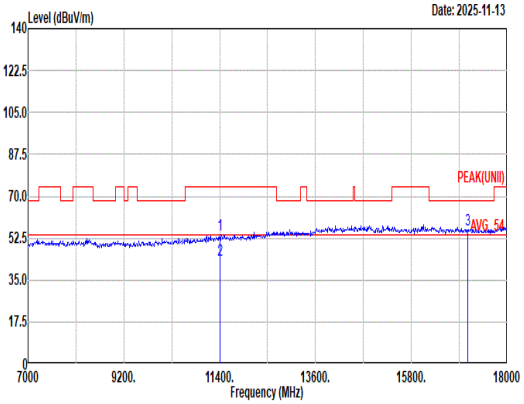
Mode	6	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	Chain A	
Pol.	Horizontal	Vertical
10.8G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL

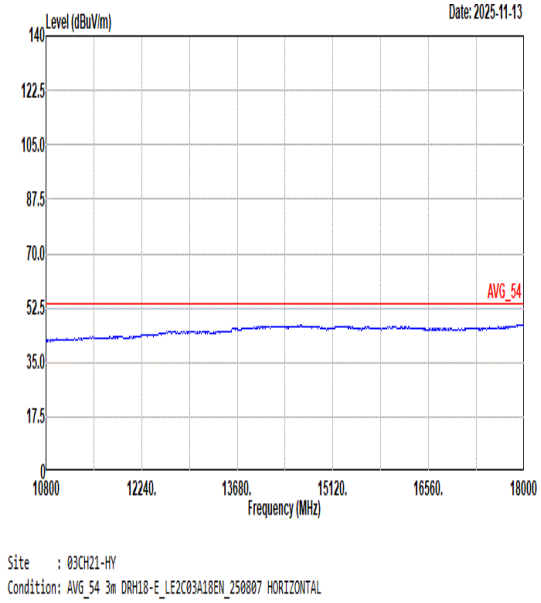
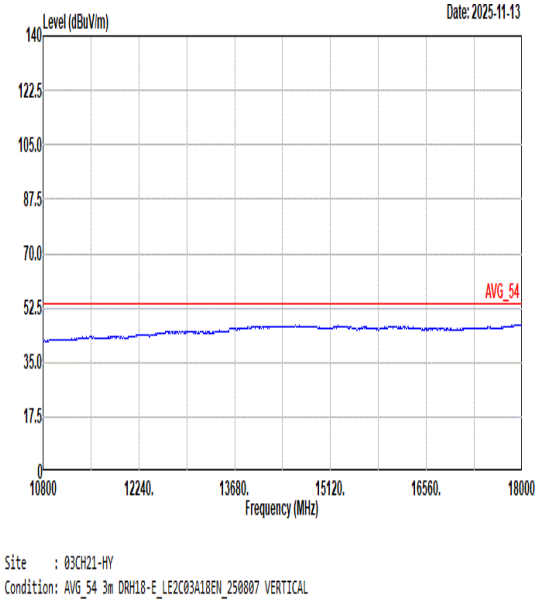
Mode	7	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11be EHT20_CH64_5320MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5361.58 51.58 74.00 -22.42 38.65 32.28 14.19 34.58 1.04 383 219 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 106.43 ------ ------ 93.51 32.30 14.13 34.53 1.02 383 219 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5350.38 42.19 54.00 -11.81 29.25 32.30 14.17 34.56 1.03 383 219 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 99.57 ------ ------ 86.65 32.30 14.13 34.53 1.02 383 219 Average

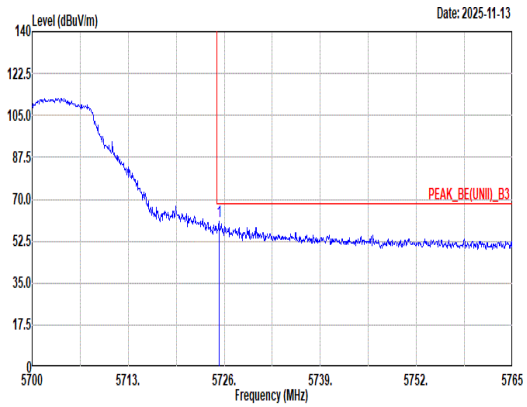
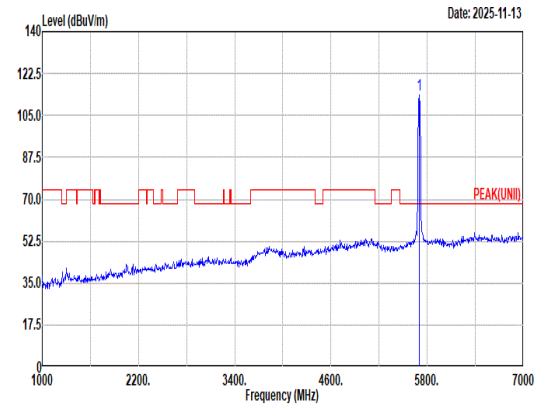
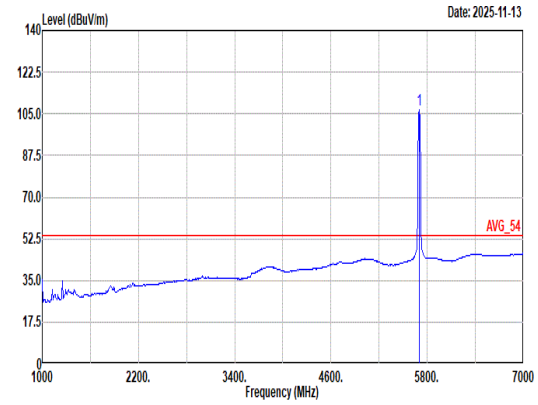
Mode	7	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11be EHT20_CH64_5320MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.24 55.59 74.00 -18.41 42.65 32.30 14.17 34.56 1.03 193 144 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5320.00 114.26 ------ ------ 101.35 32.30 14.11 34.51 1.01 193 144 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.66 46.30 54.00 -7.70 33.36 32.30 14.17 34.56 1.03 193 144 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 105.85 ------ ------ 92.93 32.30 14.13 34.53 1.02 193 144 Average

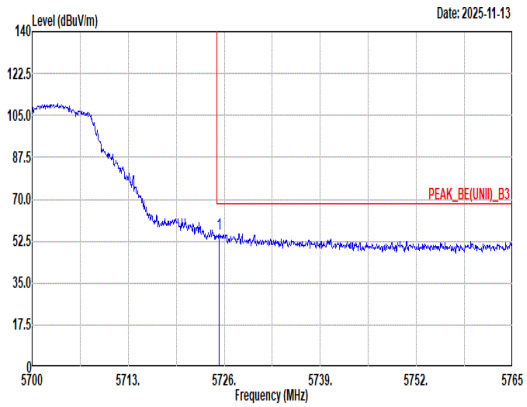
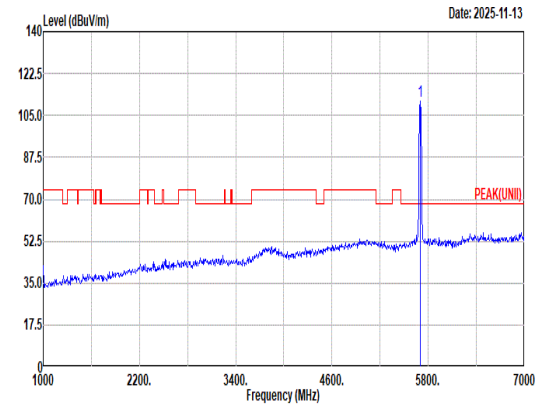
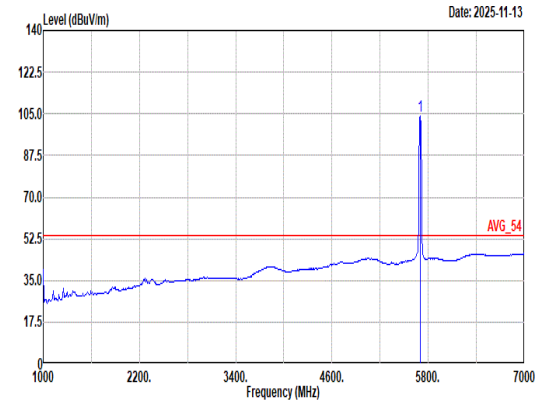
Mode	8	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	Chain B	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5734.84 55.46 68.20 -12.74 41.10 33.61 14.73 35.07 1.09 292 255 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5700.00 108.36 ------ ------ 94.27 33.39 14.68 35.02 1.04 292 255 Peak
Avg	Blank	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz SWT:Auto 1 5700.00 101.01 ------ ------ 86.88 33.42 14.69 35.03 1.05 292 255 Average

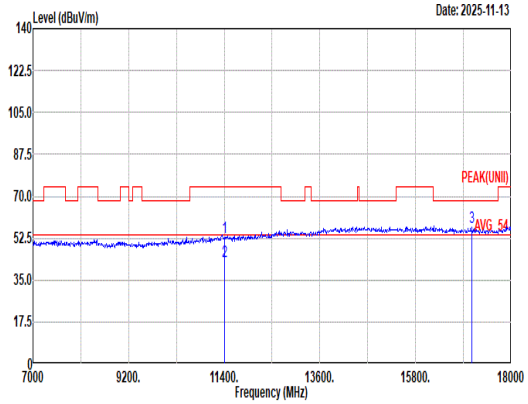
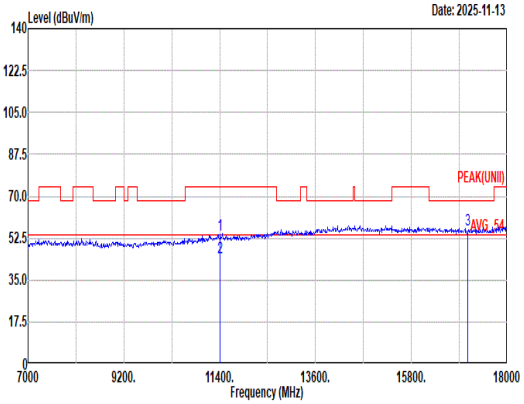
Mode	8	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	Chain B	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5726.98 58.12 68.20 -10.08 43.82 33.56 14.72 35.06 1.08 105 102 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5700.00 113.40 ------ ------ 99.27 33.42 14.69 35.03 1.05 105 102 Peak
Avg	Blank	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz 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 5700.00 106.50 ------ ------ 92.41 33.39 14.68 35.02 1.04 105 102 Average

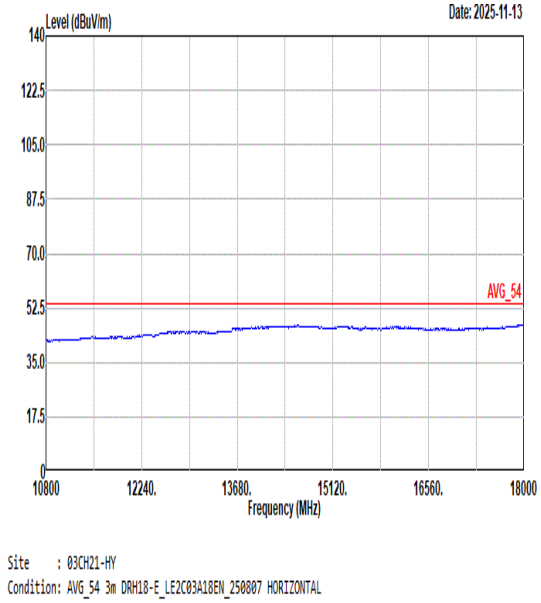
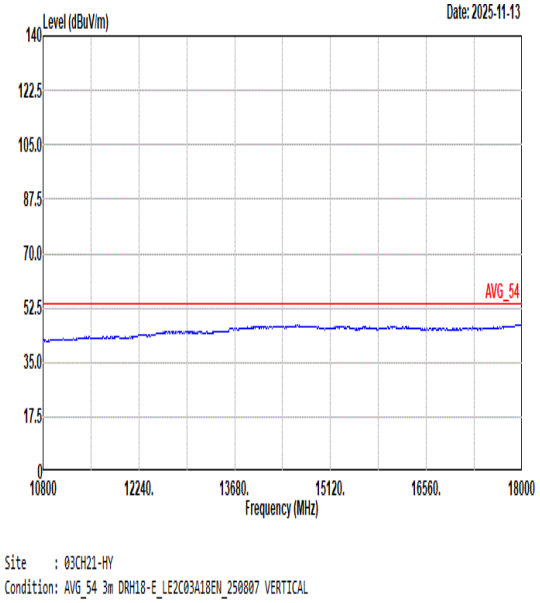
Mode	8	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	Chain B	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11400.00 52.75 74.00 -21.25 32.11 38.40 20.95 40.67 1.96 -- -- Peak 2 11400.00 42.89 54.00 -11.11 22.25 38.40 20.95 40.67 1.96 -- -- Average 3 17100.00 56.56 68.20 -11.64 35.43 39.90 26.00 47.13 2.36 -- -- Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 11400.00 53.84 74.00 -20.16 33.20 38.40 20.95 40.67 1.96 -- -- Peak 2 11400.00 43.07 54.00 -10.93 22.43 38.40 20.95 40.67 1.96 -- -- Average 3 17100.00 56.09 68.20 -12.11 34.96 39.90 26.00 47.13 2.36 -- -- Peak

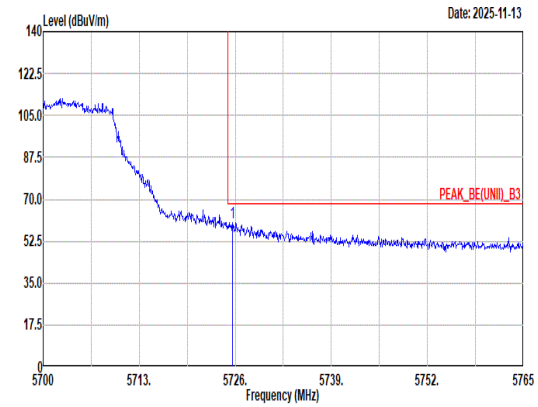
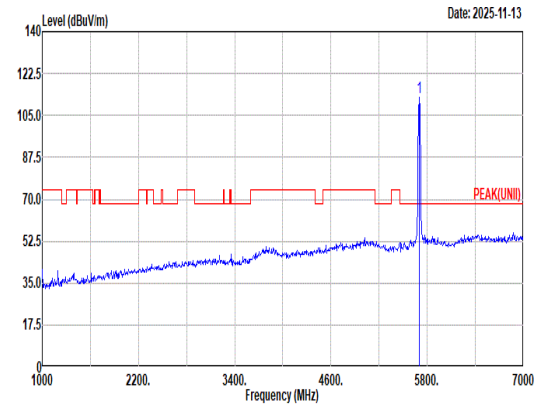
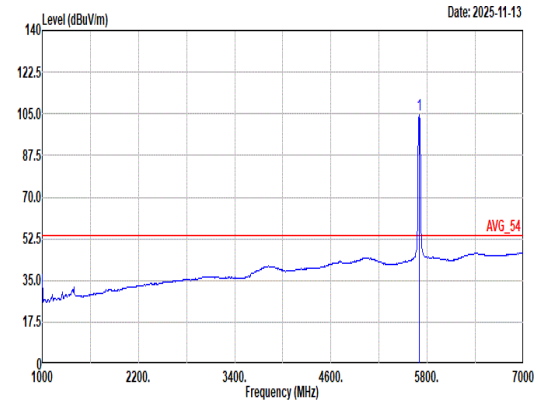
Mode	8	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	Chain B	
Pol.	Horizontal	Vertical
10.8G ~18G Avg		

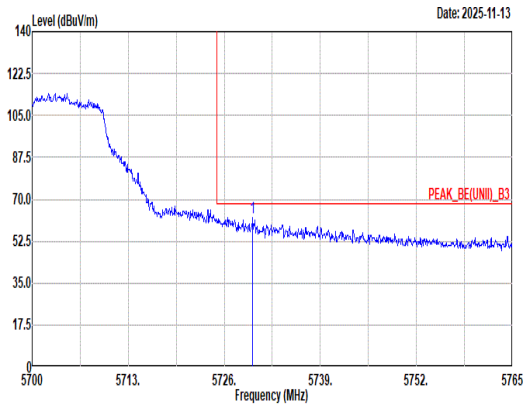
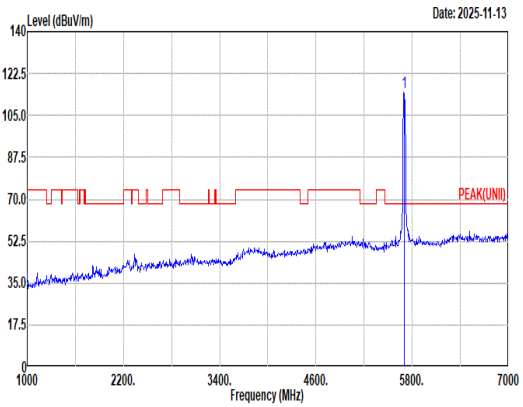
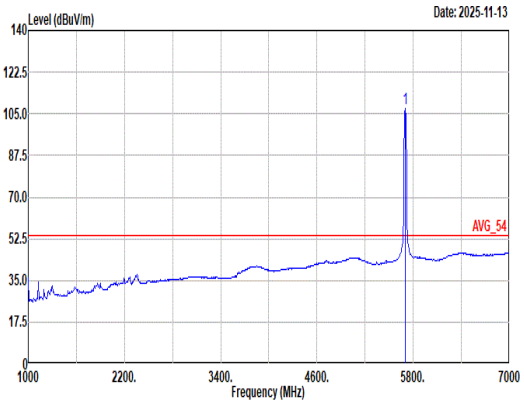
Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	Chain A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5725.29 60.98 68.20 -7.22 46.69 33.55 14.72 35.05 1.07 302 289 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5700.00 113.70 ------ ------ 99.61 33.39 14.68 35.02 1.04 302 289 Peak
Avg	Blank	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz 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 5700.00 106.68 ------ ------ 92.59 33.39 14.68 35.02 1.04 302 289 Average

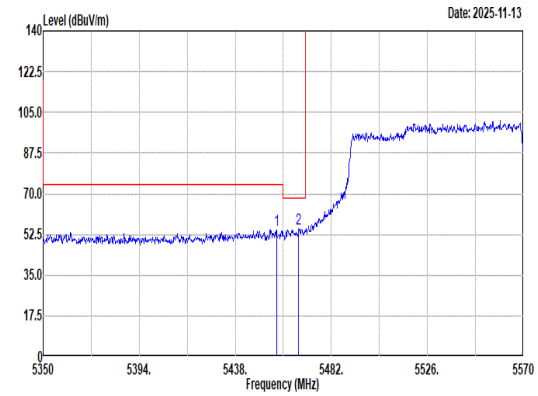
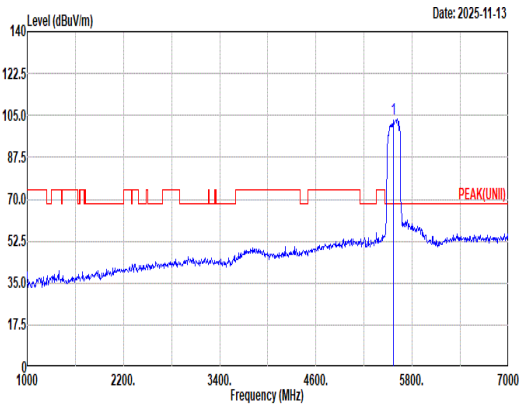
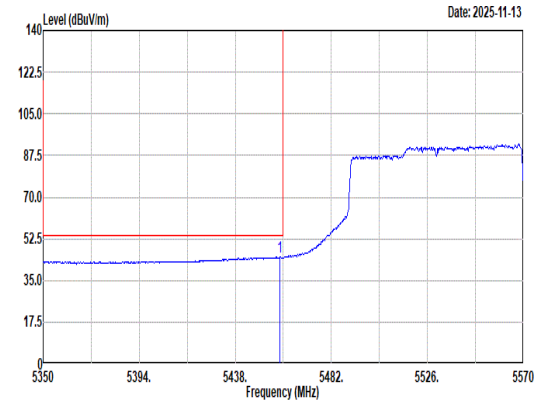
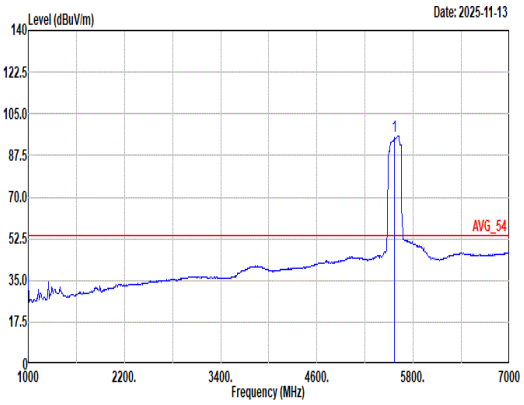
Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	Chain A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5725.29 55.68 68.20 -12.52 41.39 33.55 14.72 35.05 1.07 200 91 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 1 5700.00 110.93 ------ ------ 96.80 33.42 14.69 35.03 1.05 200 91 Peak
Avg	Blank	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.510kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5700.00 104.34 ------ ------ 90.25 33.39 14.68 35.02 1.04 200 91 Average

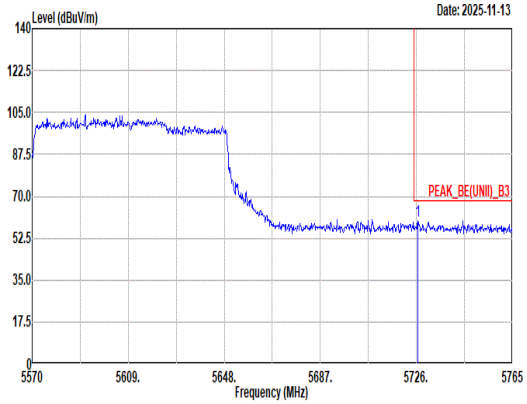
Mode	9	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	Chain A	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11400.00 52.74 74.00 -21.26 32.10 38.40 20.95 40.67 1.96 -- -- Peak 2 11400.00 42.87 54.00 -11.13 22.23 38.40 20.95 40.67 1.96 -- -- Average 3 17100.00 57.18 68.20 -11.02 36.05 39.90 26.00 47.13 2.36 -- -- Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 11400.00 54.06 74.00 -19.94 33.42 38.40 20.95 40.67 1.96 -- -- Peak 2 11400.00 44.20 54.00 -9.80 23.56 38.40 20.95 40.67 1.96 -- -- Average 3 17100.00 55.78 68.20 -12.42 34.65 39.90 26.00 47.13 2.36 -- -- Peak

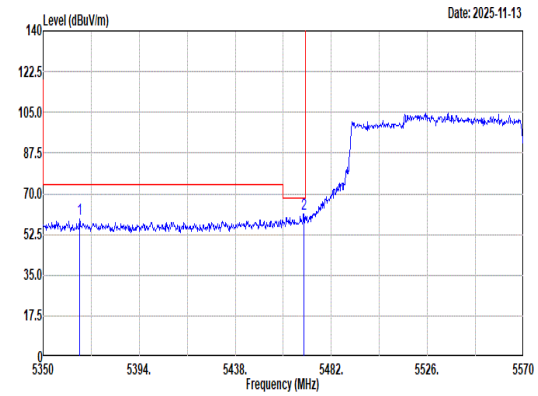
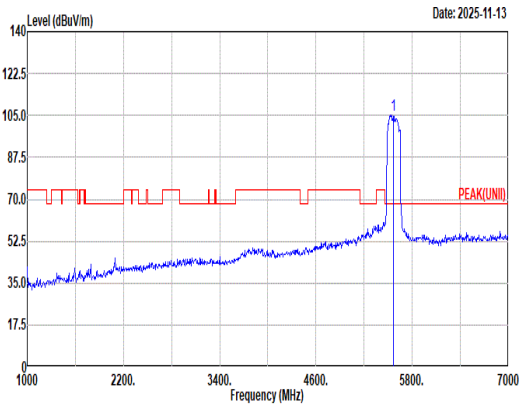
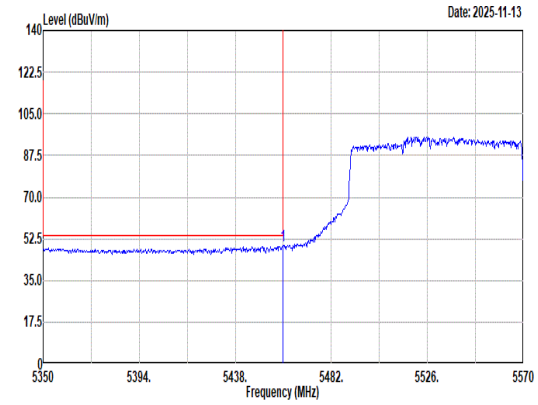
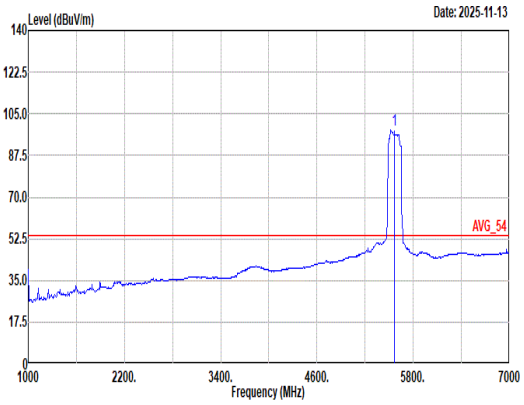
Mode	9	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	Chain A	
Pol.	Horizontal	Vertical
10.8G ~18G Avg		

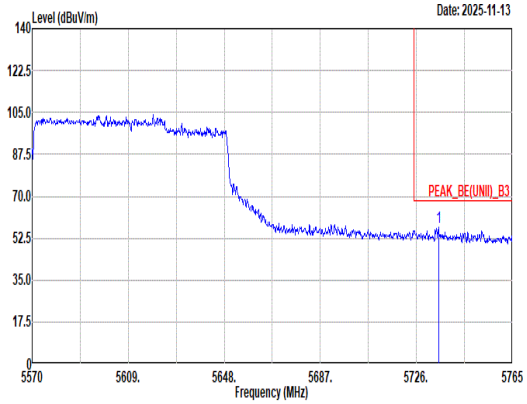
Mode	10	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11be EHT20_CH140_5700MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5725.61 60.47 68.20 -7.73 46.19 33.55 14.72 35.06 1.07 213 256 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5700.00 112.55 ------ ------ 98.42 33.42 14.69 35.03 1.05 213 256 Peak
Avg	Blank	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5700.00 104.68 ------ ------ 90.55 33.42 14.69 35.03 1.05 213 256 Average

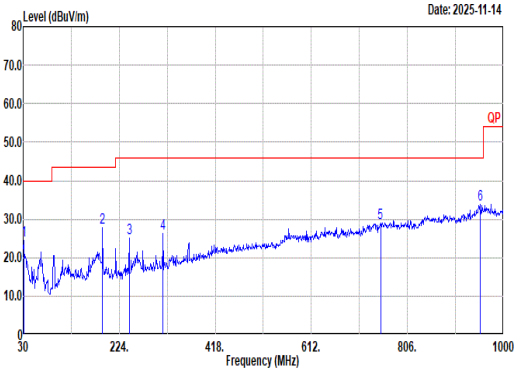
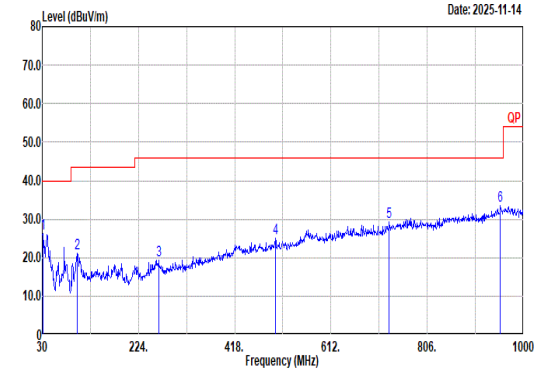
Mode	10	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11be EHT20_CH140_5700MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5729.84 62.41 68.20 -5.79 48.09 33.58 14.72 35.06 1.08 100 99 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5700.00 114.90 ------ ------ 100.85 33.35 14.67 35.01 1.04 100 99 Peak
Avg	Blank	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5700.00 107.25 ------ ------ 93.16 33.39 14.68 35.02 1.04 100 99 Average

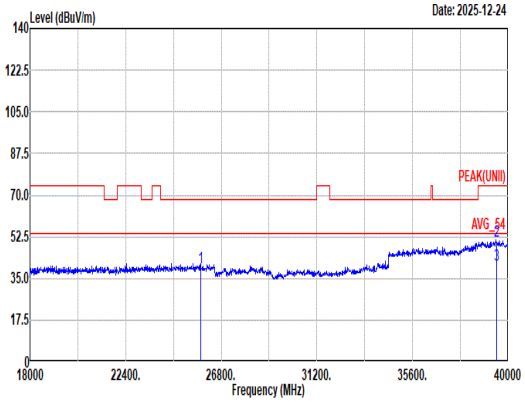
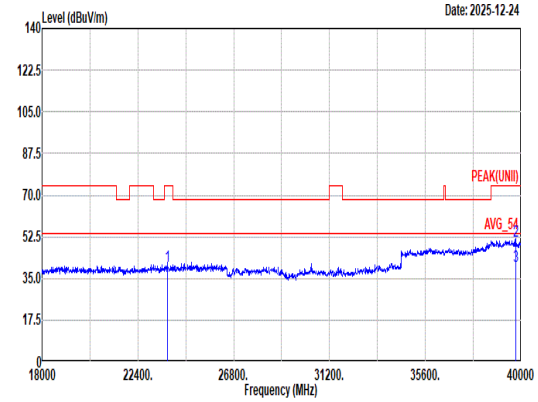
Mode	11	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11be EHT160_CH114_5570MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5456.92 54.50 74.00 -19.50 41.45 32.41 14.34 34.72 1.02 308 286 Peak 2 5467.04 55.04 68.20 -13.16 41.97 32.43 14.35 34.73 1.02 308 286 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5570.00 103.54 ------ ------ 89.99 32.96 14.56 34.92 0.95 308 286 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.46 44.85 54.00 -9.15 31.79 32.42 14.34 34.72 1.02 308 286 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5570.00 95.82 ------ ------ 82.27 32.96 14.56 34.92 0.95 308 286 Average

Mode	11	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11be EHT160_CH114_5570MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 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 5726.59 59.85 68.20 -8.35 45.55 33.56 14.72 35.06 1.08 308 286 Peak	Blank

Mode	11	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11be EHT160_CH114_5570MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 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 5366.72 59.16 74.00 -14.84 46.24 32.27 14.20 34.59 1.04 196 148 Peak 2 5469.46 61.33 68.20 -6.87 48.26 32.44 14.36 34.74 1.01 196 148 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_250807 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 5570.00 105.10 ------ ------ 91.83 32.67 14.46 34.83 0.97 196 148 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5459.78 49.54 54.00 -4.46 36.48 32.42 14.34 34.72 1.02 196 148 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5570.00 98.01 ------ ------ 84.83 32.57 14.43 34.80 0.98 196 148 Average

Mode	11	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11be EHT160_CH114_5570MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_B3 3m DRH18-E_LE2C03A18EN_250807 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 5734.97 56.79 68.20 -11.41 42.43 33.61 14.73 35.07 1.09 196 148 Peak	Blank

Mode	12	
	LF	
	U-NII-1_5.15-5.25_802.11be EHT160_CH50_5250MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
QP/ Peak	 Site : 03CH21-HY Condition: QP 3m LF_63303&001_241217 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 30.97 24.39 40.00 -15.61 31.58 24.43 0.87 32.51 0.02 -- -- Peak 2 190.05 27.76 43.50 -15.74 43.03 14.70 2.42 32.45 0.06 -- -- Peak 3 244.37 25.08 46.00 -20.92 36.82 17.91 2.74 32.46 0.07 -- -- Peak 4 312.27 26.39 46.00 -19.61 36.34 19.35 3.11 32.48 0.07 -- -- Peak 5 751.68 28.96 46.00 -17.04 28.26 28.30 4.80 32.54 0.14 -- -- Peak 6 953.44 33.74 46.00 -12.26 27.92 31.41 5.40 31.19 0.20 -- -- Peak	 Site : 03CH21-HY Condition: QP 3m LF_63303&001_241217 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 30.97 26.16 40.00 -13.84 33.35 24.43 0.87 32.51 0.02 -- -- Peak 2 100.81 21.08 43.50 -22.42 35.68 16.04 1.77 32.46 0.05 -- -- Peak 3 264.74 19.36 46.00 -26.64 28.79 20.11 2.86 32.47 0.07 -- -- Peak 4 500.45 24.96 46.00 -21.04 29.64 23.92 3.92 32.64 0.12 -- -- Peak 5 729.37 29.23 46.00 -16.77 29.31 27.67 4.73 32.61 0.13 -- -- Peak 6 953.44 33.51 46.00 -12.49 27.69 31.41 5.40 31.19 0.20 -- -- Peak

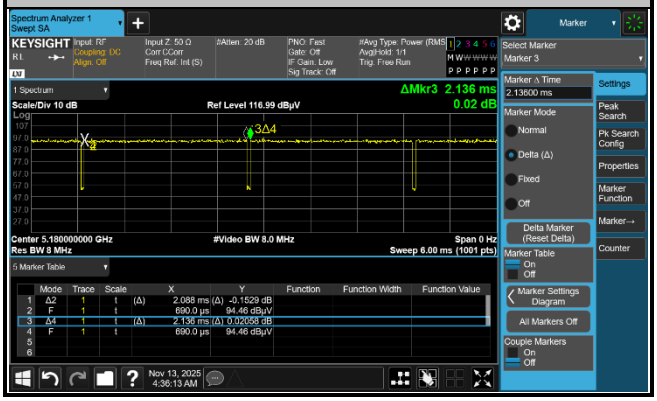
Mode	13	
	SHF	
	U-NII-1_5.15-5.25_802.11be EHT160_CH50_5250MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 1m BBHA9170_1223_250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 25841.61 39.70 68.20 -28.50 40.80 39.13 29.75 60.44 -9.54 -- -- PEAK 2 39454.82 50.87 74.00 -23.13 37.65 45.81 37.56 60.61 -9.54 -- -- PEAK 3 39454.82 40.87 54.00 -13.13 27.65 45.81 37.56 60.61 -9.54 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 1m BBHA9170_1223_250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 23748.20 39.92 74.00 -34.08 42.01 39.10 28.45 60.10 -9.54 -- -- PEAK 2 39765.36 50.52 74.00 -23.48 38.01 44.80 37.74 60.49 -9.54 -- -- PEAK 3 39765.36 40.00 54.00 -14.00 27.49 44.80 37.74 60.49 -9.54 -- -- Average

Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
Chain A	802.11a	97.75	2088	0.48	510Hz
Chain B	802.11a	97.66	2085	0.48	510Hz
Chain A+B	5GHz 802.11be EHT20 Full RU	98.51	3980	0.25	10Hz
Chain A+B	5GHz 802.11be EHT80 Full RU	98.51	3975	0.25	10Hz
Chain A+B	5GHz 802.11be EHT160 Full RU	99.01	4000	0.25	10Hz

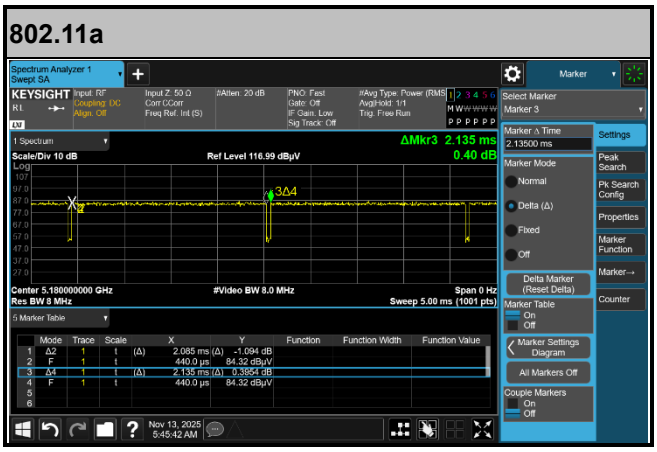
<Chain A>

802.11a



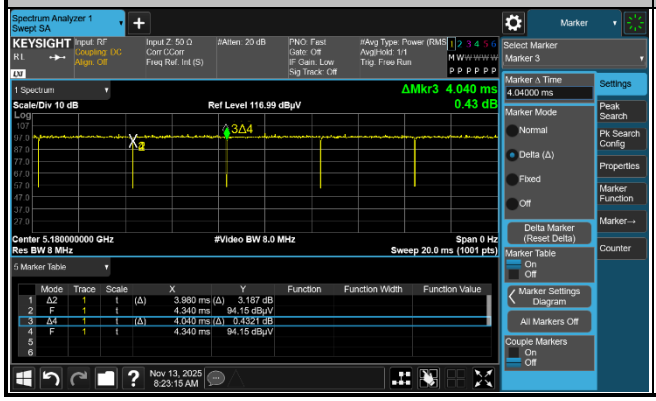
<Chain B>

802.11a

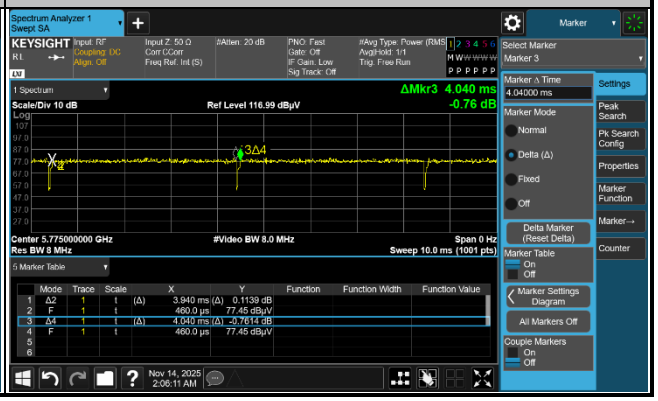
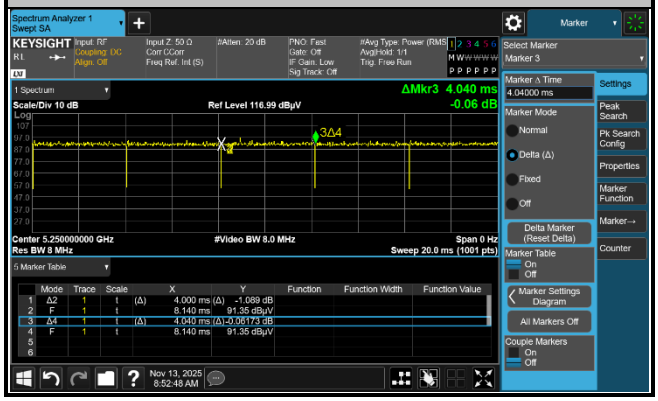


<Chain A+B>

802.11be EHT20 Full RU



802.11be EHT80 Full RU



802.11be EHT160 Full RU