FCC RADIO TEST REPORT

FCC ID	:	**SZG-G99E5**
Equipment	:	**Wireless Device**
Model Name	:	**G99E5**
Applicant	:	**Weifang Goertek Electronics Co., Ltd Gaoxin 2 Road, Free Trade Zone, Weifang, Shandong, 261205, P.R.China**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on May 23, 2025 and testing was performed from May 26, 2025 to Jun. 12, 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 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
FR550853E	01	Initial issue of report	Jun. 25, 2025
FR550853E	02	Revised List of Measuring Equipment This report is an updated version, replacing the report issued on Jun. 25, 2025	Jul. 10, 2025

Summary of Test Result

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

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Avis Chuang

Report Producer: Josie Hsu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth, BLE, Thread and Wi-Fi 802.11ax **Antenna Type** WLAN: PCB Antenna

EUT Information List	
S/N	**Performed Test Item**
1Y7G6501600802M154JS0801	RF Conducted Measurement
5421FATPSN0381 (#6)	Radiated Spurious Emission
5421FATPSN0415 (#8)	Conducted Emission

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	4.2
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	4.0
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	6.1

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

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, CO07-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 Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- ANSI C63.10-2013

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.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80.

2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU.

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

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

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

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

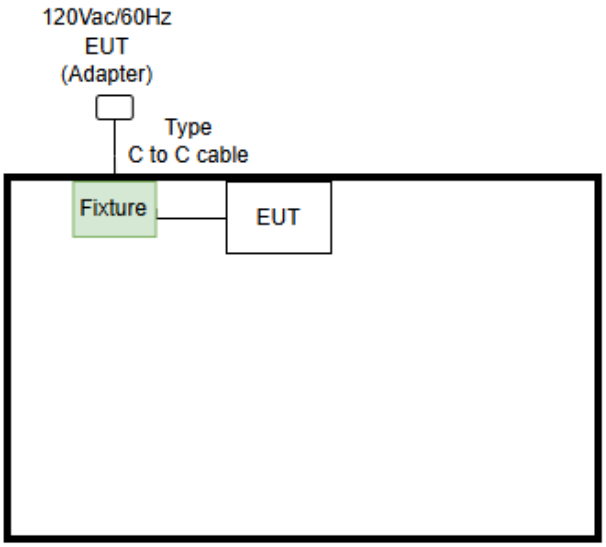
The final test modes include the worst data rates for each modulation shown in the table below.

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
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

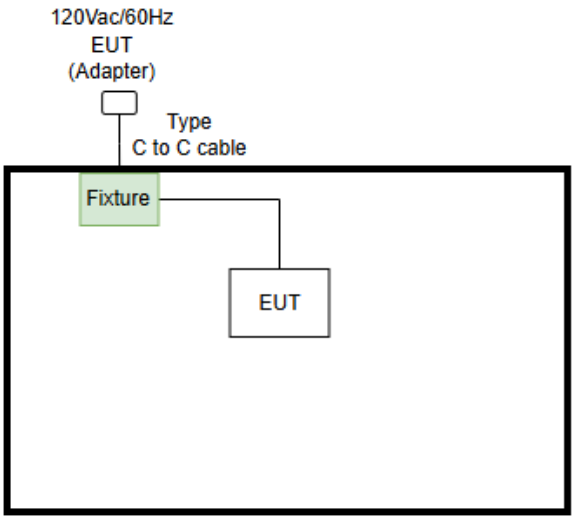
Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) 11a TX + AC Adapter
Remark: 1. The detailed Radiated test modes are shown in Appendix C. 2. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.	

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Type C to C cable	Cable Tech	G021A, GV4U8	N/A	N/A	Shielded, 1.0m
2.	Fixture	Goertek	DG01	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “ADB v1.0.40” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

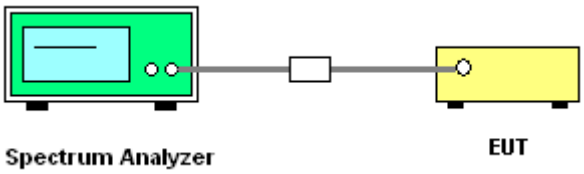
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 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.

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

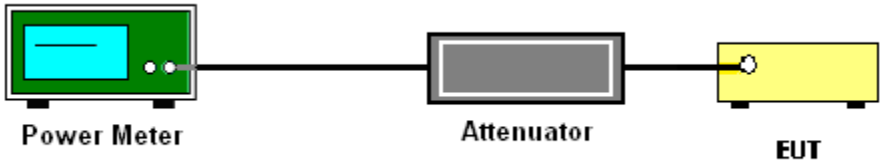
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 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 power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

For the band 5.15-5.725 GHz

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

Section F) Maximum power spectral density.

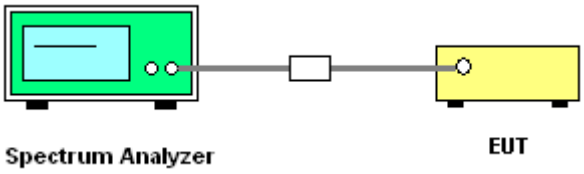
 # Method SA-2 #

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

(2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

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

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

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

(3) KDB789033 D02 v02r01 G)2)c)

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

(3) Use the following spectrum analyzer settings:

For average measurement:

The procedure for method trace averaging is as follows:

a) RBW = 1 MHz.

b) VBW ≥ [3 × RBW].

c) Detector = RMS (power averaging), if [span / (# of points in sweep)] ≤ RBW / 2. Satisfying this condition can require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, then the detector mode shall be set to peak.

d) Averaging type = power (i.e., rms) (As an alternative, the detector and averaging type may be set for linear voltage averaging.

e) Sweep time = auto.

f) Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, then the number of traces shall be increased by a factor of 1 / *D*, where *D* is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 100 traces shall be averaged.)

g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, then a correction factor shall be added to the measurement results prior to comparing with the emission limit, to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:

   i. If power averaging (rms) mode was used in the preceding step e), then the correction factor is [10 log (1 / *D*)], where *D* is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB shall be added to the measured emission levels.

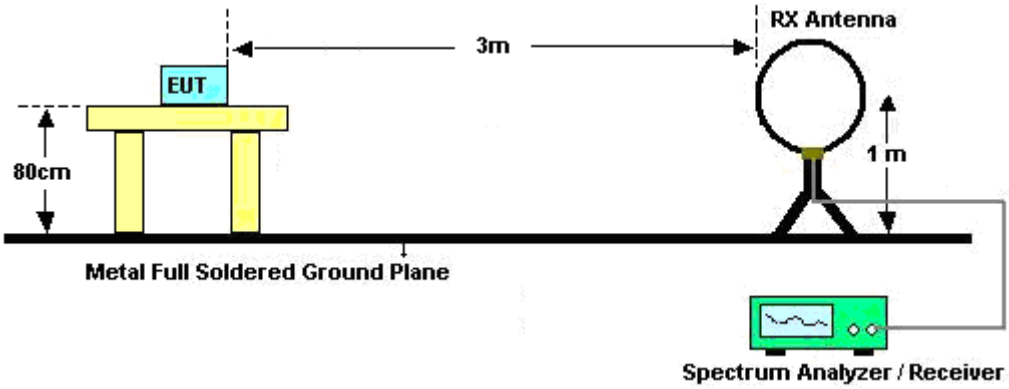
   ii. If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.

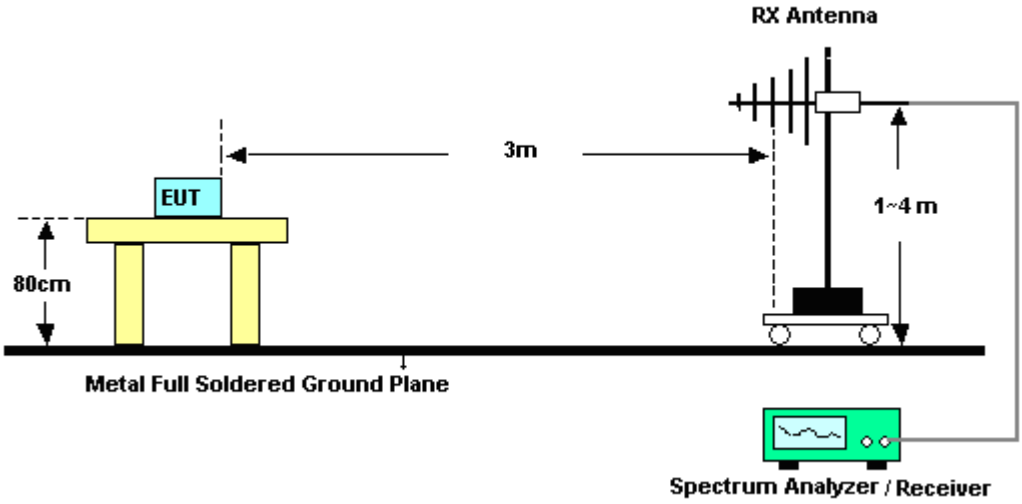
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

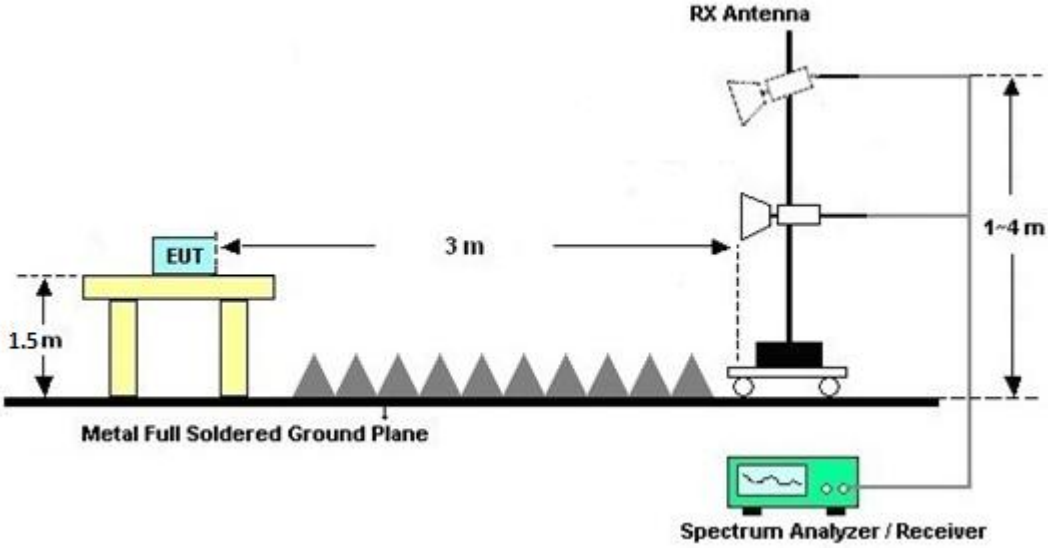
For radiated emissions below 30MHz



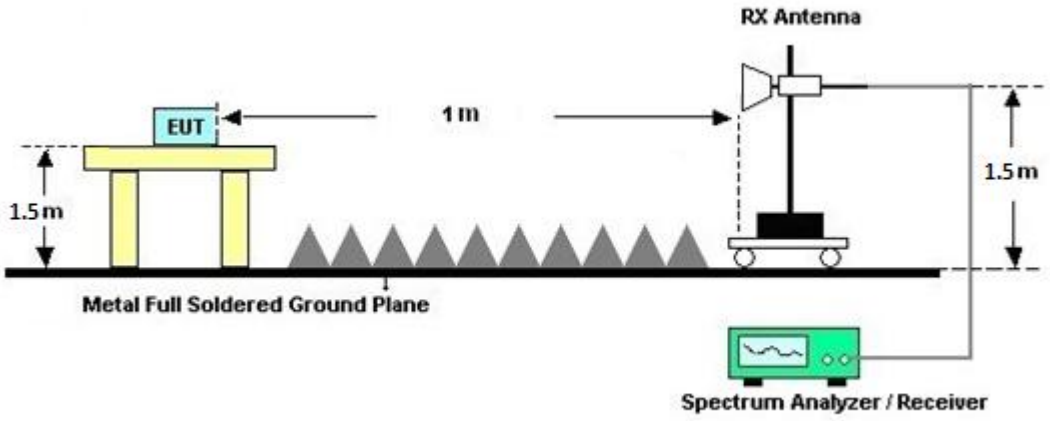
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

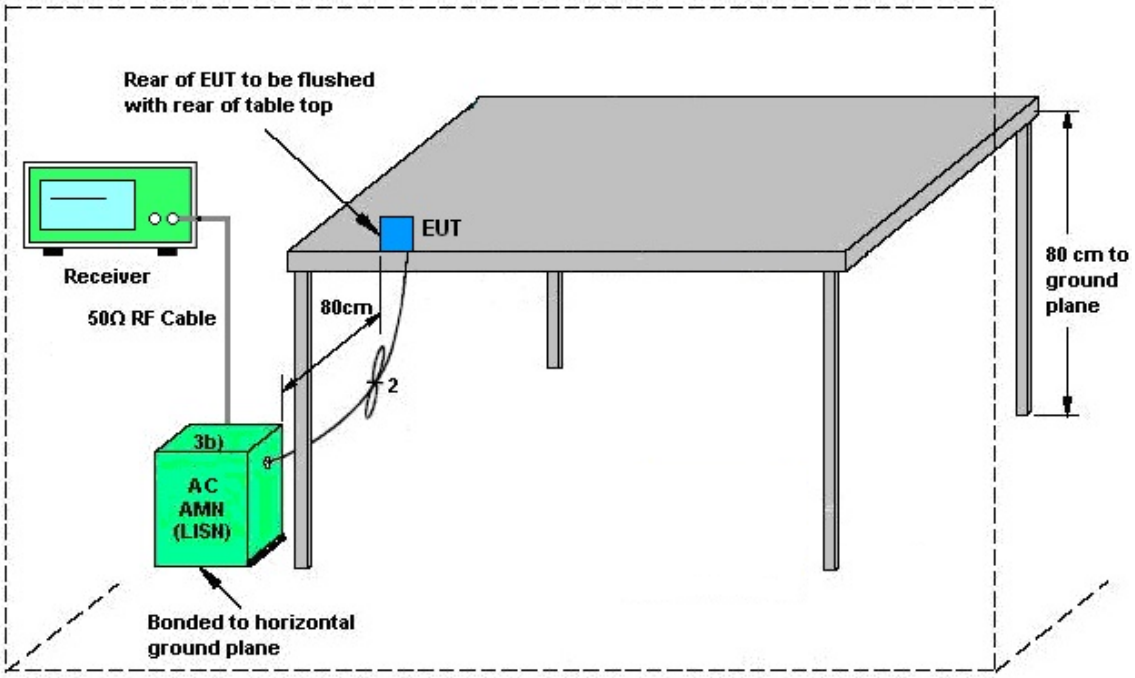
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	May 28, 2025~ Jun. 06, 2025	Aug. 28, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Dec. 17, 2024	May 28, 2025~ Jun. 06, 2025	Dec. 16, 2025	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 11, 2024	May 28, 2025~ Jun. 06, 2025	Jul. 10, 2025	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jun. 24, 2024	May 28, 2025~ Jun. 06, 2025	Jun. 23, 2025	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 14, 2024	May 28, 2025~ Jun. 06, 2025	Jul. 13, 2025	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 27, 2024	May 28, 2025~ Jun. 06, 2025	Sep. 26, 2025	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Sep. 02, 2024	May 28, 2025~ Jun. 06, 2025	Sep. 01, 2025	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 06, 2024	May 28, 2025~ Jun. 06, 2025	Sep. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 05, 2025	May 28, 2025~ Jun. 06, 2025	Mar. 04, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804612/2,803954/2	30MHz~40GHz	Aug. 12, 2024	May 28, 2025~ Jun. 06, 2025	Aug. 11, 2025	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2024	May 28, 2025~ Jun. 06, 2025	Oct. 20, 2025	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 28, 2025~ Jun. 06, 2025	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 28, 2025~ Jun. 06, 2025	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 28, 2025~ Jun. 06, 2025	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	May 28, 2025~ Jun. 06, 2025	N/A	Radiation (03CH21-HY)
Notch Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN28	1.53GHz Low Pass Filter	May 21, 2025	May 28, 2025~ Jun. 06, 2025	May 20, 2026	Radiation (03CH21-HY)
Notch Filter	Wainwright	WHKX8-6090-7000-18000-40SS	SN98	7GHz High Pass Filter	Dec. 25, 2024	May 28, 2025~ Jun. 06, 2025	Dec. 24, 2025	Radiation (03CH21-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	May 26, 2025~ Jun. 07, 2025	Oct. 31, 2025	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030SNO 31 (NO:182)	9kHz~6GHz	Jan. 09, 2025	May 26, 2025~ Jun. 07, 2025	Jan. 08, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 23, 2024	May 26, 2025~ Jun. 07, 2025	Aug. 22, 2025	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	May 26, 2025~ Jun. 07, 2025	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_240513	N/A	Conducted Other Test Item	N/A	May 26, 2025~ Jun. 07, 2025	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jun. 12, 2025	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 12, 2025	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 23, 2024	Jun. 12, 2025	Oct. 22, 2025	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Jun. 12, 2025	Mar. 02, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Jun. 12, 2025	Mar. 23, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 23, 2024	Jun. 12, 2025	Sep. 22, 2025	Conduction (CO07-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.7 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.6 dB

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.7 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 and Junuy Jhou	Temperature:	21~25	°C
Test Date:	2025/5/26~2025/6/7	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	-	16.77	-	20.05	-		-	22.25	-	
11a	6Mbps	1	44	5220	-	16.79	-	19.98	-		-	22.25		
11a	6Mbps	1	48	5240	-	16.79	-	20.03	-		-	22.25		
HT20	MCS0	1	36	5180	-	17.71	-	20.28	-		-	22.48		
HT20	MCS0	1	44	5220	-	17.71	-	20.30	-		-	22.48		
HT20	MCS0	1	48	5240	-	17.71	-	20.34	-		-	22.48		
HT40	MCS0	1	38	5190	-	36.54	-	41.68	-		-	23.01		
HT40	MCS0	1	46	5230	-	36.61	-	57.17	-		-	23.01		
VHT80	MCS0	1	42	5210	-	76.26	-	81.86	-		-	23.01		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	-	17.00	-	-	24.00	-	4.20	-	Pass
11a	6Mbps	1	44	5220	-	17.00		-	24.00	-	4.20		Pass
11a	6Mbps	1	48	5240	-	17.00		-	24.00	-	4.20		Pass
HT20	MCS0	1	36	5180	-	17.00		-	24.00	-	4.20		Pass
HT20	MCS0	1	44	5220	-	17.00		-	24.00	-	4.20		Pass
HT20	MCS0	1	48	5240	-	16.90		-	24.00	-	4.20		Pass
HT40	MCS0	1	38	5190	-	15.30		-	24.00	-	4.20		Pass
HT40	MCS0	1	46	5230	-	17.00		-	24.00	-	4.20		Pass
VHT20	MCS0	1	36	5180	-	16.00		-	24.00	-	4.20		Pass
VHT20	MCS0	1	44	5220	-	16.00		-	24.00	-	4.20		Pass
VHT20	MCS0	1	48	5240	-	15.90		-	24.00	-	4.20		Pass
VHT40	MCS0	1	38	5190	-	15.20		-	24.00	-	4.20		Pass
VHT40	MCS0	1	46	5230	-	16.00		-	24.00	-	4.20		Pass
VHT80	MCS0	1	42	5210	-	13.20		-	24.00	-	4.20		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	-	0.05	-	5.37		-	11.00	-	4.20		Pass
11a	6Mbps	1	44	5220	-	0.05	-	4.97		-	11.00	-	4.20		Pass
11a	6Mbps	1	48	5240	-	0.05	-	4.90		-	11.00	-	4.20		Pass
HT20	MCS0	1	36	5180	-	0.05	-	5.08		-	11.00	-	4.20		Pass
HT20	MCS0	1	44	5220	-	0.05	-	4.84	-	-	11.00	-	4.20	-	Pass
HT20	MCS0	1	48	5240	-	0.05	-	4.82		-	11.00	-	4.20		Pass
HT40	MCS0	1	38	5190	-	0.10	-	0.75		-	11.00	-	4.20		Pass
HT40	MCS0	1	46	5230	-	0.10	-	2.40		-	11.00	-	4.20		Pass
VHT80	MCS0	1	42	5210	-	0.20	-	-5.54		-	11.00	-	4.20		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	-	16.78	-	20.02	-	23.25	-	29.25	-	23.98	-
11a	6Mbps	1	60	5300	-	16.79	-	20.06	-	23.25	-	29.25	-	23.98	
11a	6Mbps	1	64	5320	-	16.79	-	19.91	-	23.25	-	29.25	-	23.98	
HT20	MCS0	1	52	5260	-	17.72	-	20.55	-	23.49	-	29.49	-	23.98	
HT20	MCS0	1	60	5300	-	17.72	-	20.41	-	23.48	-	29.48	-	23.98	
HT20	MCS0	1	64	5320	-	17.72	-	20.38	-	23.48	-	29.48	-	23.98	
HT40	MCS0	1	54	5270	-	36.65	-	56.98	-	23.98	-	30.00	-	23.98	
HT40	MCS0	1	62	5310	-	36.70	-	41.66	-	23.98	-	30.00	-	23.98	
VHT80	MCS0	1	58	5290	-	76.25	-	82.02	-	23.98	-	30.00	-	23.98	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	-	17.50	-	-	23.98	-	4.00	30	Pass
11a	6Mbps	1	60	5300	-	17.40		-	23.98	-	4.00	30	Pass
11a	6Mbps	1	64	5320	-	17.30		-	23.98	-	4.00	30	Pass
HT20	MCS0	1	52	5260	-	17.40		-	23.98	-	4.00	30	Pass
HT20	MCS0	1	60	5300	-	17.40		-	23.98	-	4.00	30	Pass
HT20	MCS0	1	64	5320	-	17.20		-	23.98	-	4.00	30	Pass
HT40	MCS0	1	54	5270	-	17.20		-	23.98	-	4.00	30	Pass
HT40	MCS0	1	62	5310	-	17.20		-	23.98	-	4.00	30	Pass
VHT20	MCS0	1	52	5260	-	16.40		-	23.98	-	4.00	30	Pass
VHT20	MCS0	1	60	5300	-	16.40		-	23.98	-	4.00	30	Pass
VHT20	MCS0	1	64	5320	-	16.20		-	23.98	-	4.00	30	Pass
VHT40	MCS0	1	54	5270	-	16.20		-	23.98	-	4.00	30	Pass
VHT40	MCS0	1	62	5310	-	16.20		-	23.98	-	4.00	30	Pass
VHT80	MCS0	1	58	5290	-	14.40		-	23.98	-	4.00	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	-	0.05	-	5.72	-	-	11.00	-	4.00	-	Pass
11a	6Mbps	1	60	5300	-	0.05	-	5.74		-	11.00	-	4.00		Pass
11a	6Mbps	1	64	5320	-	0.05	-	5.56		-	11.00	-	4.00		Pass
HT20	MCS0	1	52	5260	-	0.05	-	5.31		-	11.00	-	4.00		Pass
HT20	MCS0	1	60	5300	-	0.05	-	5.30		-	11.00	-	4.00		Pass
HT20	MCS0	1	64	5320	-	0.05	-	5.14		-	11.00	-	4.00		Pass
HT40	MCS0	1	54	5270	-	0.10	-	2.32		-	11.00	-	4.00		Pass
HT40	MCS0	1	62	5310	-	0.10	-	2.25		-	11.00	-	4.00		Pass
VHT80	MCS0	1	58	5290	-	0.20	-	-4.06		-	11.00	-	4.00		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	-	16.81	-	19.96	-	23.26	-	29.26	-	23.98	----	----
11a	6Mbps	1	116	5580	-	16.81	-	19.85	-	23.26	-	29.26	-	23.98	----	----
11a	6Mbps	1	140	5700	-	16.78	-	19.94	-	23.25	-	29.25	-	23.98	----	----
HT20	MCS0	1	100	5500	-	17.75	-	22.48	-	23.49	-	29.49	-	23.98	----	----
HT20	MCS0	1	116	5580	-	17.74	-	21.17	-	23.49	-	29.49	-	23.98	----	----
HT20	MCS0	1	140	5700	-	17.68	-	20.27	-	23.48	-	29.48	-	23.98	----	----
HT40	MCS0	1	102	5510	-	36.71	-	57.63	-	23.98	-	30.00	-	23.98	----	----
HT40	MCS0	1	110	5550	-	36.75	-	57.71	-	23.98	-	30.00	-	23.98	----	----
HT40	MCS0	1	134	5670	-	36.63	-	41.58	-	23.98	-	30.00	-	23.98	----	----
VHT80	MCS0	1	106	5530	-	76.38	-	82.18	-	23.98	-	30.00	-	23.98	----	----
VHT80	MCS0	1	122	5610	-	76.35	-	82.14	-	23.98	-	30.00	-	23.98	----	----

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	-	13.46	-	15.10	-	23.25	-	29.25	-	23.98	-	3.105
HT20	MCS0	1	144	5720	-	13.91	-	15.17	-	23.48	-	29.48	-	23.98	-	3.695
HT40	MCS0	1	142	5710	-	33.36	-	35.85	-	23.98	-	30.00	-	23.98	-	2.703
VHT80	MCS0	1	138	5690	-	73.22	-	76.02	-	23.98	-	30.00	-	23.98	-	3.128
6dB Bandwidth Limit ≧ 500kHz															Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	-	15.60	-	-	23.88	-	6.10	30	Pass
11a	6Mbps	1	116	5580	-	16.30		-	23.88	-	6.10	30	Pass
11a	6Mbps	1	140	5700	-	15.90		-	23.88	-	6.10	30	Pass
HT20	MCS0	1	100	5500	-	15.80		-	23.88	-	6.10	30	Pass
HT20	MCS0	1	116	5580	-	16.50		-	23.88	-	6.10	30	Pass
HT20	MCS0	1	140	5700	-	13.10		-	23.88	-	6.10	30	Pass
HT40	MCS0	1	102	5510	-	15.80		-	23.88	-	6.10	30	Pass
HT40	MCS0	1	110	5550	-	16.00		-	23.88	-	6.10	30	Pass
HT40	MCS0	1	134	5670	-	16.00		-	23.88	-	6.10	30	Pass
VHT20	MCS0	1	100	5500	-	14.80		-	23.88	-	6.10	30	Pass
VHT20	MCS0	1	116	5580	-	15.50		-	23.88	-	6.10	30	Pass
VHT20	MCS0	1	140	5700	-	13.00		-	23.88	-	6.10	30	Pass
VHT40	MCS0	1	102	5510	-	14.80		-	23.88	-	6.10	30	Pass
VHT40	MCS0	1	110	5550	-	15.00		-	23.88	-	6.10	30	Pass
VHT40	MCS0	1	134	5670	-	15.00		-	23.88	-	6.10	30	Pass
VHT80	MCS0	1	106	5530	-	11.90		-	23.88	-	6.10	30	Pass
VHT80	MCS0	1	122	5610	-	14.50		-	23.88	-	6.10	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
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	-	15.90	-	-	23.88	-	6.10	30	Pass
HT20	MCS0	1	144	5720	-	15.70		-	23.88	-	6.10	30	Pass
HT40	MCS0	1	142	5710	-	16.00		-	23.88	-	6.10	30	Pass
VHT20	MCS0	1	144	5720	-	15.00		-	23.88	-	6.10	30	Pass
VHT40	MCS0	1	142	5710	-	15.00		-	23.88	-	6.10	30	Pass
VHT80	MCS0	1	138	5690	-	13.90		-	23.88	-	6.10	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	-	0.05	-	4.36	-	-	10.90	-	6.10	-	Pass
11a	6Mbps	1	116	5580	-	0.05	-	4.79		-	10.90	-	6.10		Pass
11a	6Mbps	1	140	5700	-	0.05	-	4.01		-	10.90	-	6.10		Pass
HT20	MCS0	1	100	5500	-	0.05	-	3.78		-	10.90	-	6.10		Pass
HT20	MCS0	1	116	5580	-	0.05	-	4.28		-	10.90	-	6.10		Pass
HT20	MCS0	1	140	5700	-	0.05	-	0.89		-	10.90	-	6.10		Pass
HT40	MCS0	1	102	5510	-	0.10	-	0.94		-	10.90	-	6.10		Pass
HT40	MCS0	1	110	5550	-	0.10	-	0.95		-	10.90	-	6.10		Pass
HT40	MCS0	1	134	5670	-	0.10	-	0.65		-	10.90	-	6.10		Pass
VHT80	MCS0	1	106	5530	-	0.20	-	-6.46		-	10.90	-	6.10		Pass
VHT80	MCS0	1	122	5610	-	0.20	-	-4.19		-	10.90	-	6.10		Pass

U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	-	0.05	-	3.91	-	-	10.90	-	6.10	-	Pass
HT20	MCS0	1	144	5720	-	0.05	-	3.50		-	10.90	-	6.10		Pass
HT40	MCS0	1	142	5710	-	0.10	-	0.41		-	10.90	-	6.10		Pass
VHT80	MCS0	1	138	5690	-	0.20	-	-4.87		-	10.90	-	6.10		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	-	18.78	-	20.71	-		-	22.74	-	-
HE20	MCS0	1	44	5220	Full	-	18.77	-	20.55	-		-	22.73		
HE20	MCS0	1	48	5240	Full	-	18.78	-	20.50	-		-	22.74		
HE40	MCS0	1	38	5190	Full	-	37.75	-	41.71	-		-	23.01		
HE40	MCS0	1	46	5230	Full	-	37.73	-	41.52	-		-	23.01		
HE80	MCS0	1	42	5210	Full	-	77.55	-	80.90	-		-	23.01		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	-	16.00		-	24.00	-	4.20		Pass
HE20	MCS0	1	36	5180	26/0	-	6.60		-	24.00	-	4.20		Pass
HE20	MCS0	1	36	5180	52/37	-	8.70		-	24.00	-	4.20		Pass
HE20	MCS0	1	36	5180	106/53	-	12.00		-	24.00	-	4.20		Pass
HE20	MCS0	1	44	5220	Full	-	16.00		-	24.00	-	4.20		Pass
HE20	MCS0	1	44	5220	26/4	-	7.70		-	24.00	-	4.20		Pass
HE20	MCS0	1	44	5220	52/38	-	9.10		-	24.00	-	4.20		Pass
HE20	MCS0	1	44	5220	106/53	-	12.30	-	-	24.00	-	4.20	-	Pass
HE20	MCS0	1	48	5240	Full	-	16.00		-	24.00	-	4.20		Pass
HE20	MCS0	1	48	5240	26/8	-	6.60		-	24.00	-	4.20		Pass
HE20	MCS0	1	48	5240	52/40	-	8.80		-	24.00	-	4.20		Pass
HE20	MCS0	1	48	5240	106/54	-	11.90		-	24.00	-	4.20		Pass
HE40	MCS0	1	38	5190	Full	-	16.00		-	24.00	-	4.20		Pass
HE40	MCS0	1	46	5230	Full	-	16.00		-	24.00	-	4.20		Pass
HE80	MCS0	1	42	5210	Full	-	13.10		-	24.00	-	4.20		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	-	0.06	-	3.66		-	11.00	-	4.20		Pass
HE20	MCS0	1	36	5180	26/0	-	0.21	-	3.54		-	11.00	-	4.20		Pass
HE20	MCS0	1	36	5180	52/37	-	0.21	-	3.11		-	11.00	-	4.20		Pass
HE20	MCS0	1	36	5180	106/53	-	0.21	-	3.22		-	11.00	-	4.20		Pass
HE20	MCS0	1	44	5220	Full	-	0.06	-	3.84		-	11.00	-	4.20		Pass
HE20	MCS0	1	44	5220	26/4	-	0.21	-	3.40		-	11.00	-	4.20		Pass
HE20	MCS0	1	44	5220	52/38	-	0.21	-	3.56		-	11.00	-	4.20		Pass
HE20	MCS0	1	44	5220	106/53	-	0.21	-	3.63	-	-	11.00	-	4.20	-	Pass
HE20	MCS0	1	48	5240	Full	-	0.06	-	3.69		-	11.00	-	4.20		Pass
HE20	MCS0	1	48	5240	26/8	-	0.21	-	3.56		-	11.00	-	4.20		Pass
HE20	MCS0	1	48	5240	52/40	-	0.21	-	3.31		-	11.00	-	4.20		Pass
HE20	MCS0	1	48	5240	106/54	-	0.21	-	3.45		-	11.00	-	4.20		Pass
HE40	MCS0	1	38	5190	Full	-	0.12	-	0.93		-	11.00	-	4.20		Pass
HE40	MCS0	1	46	5230	Full	-	0.12	-	1.01		-	11.00	-	4.20		Pass
HE80	MCS0	1	42	5210	Full	-	0.23	-	-4.68		-	11.00	-	4.20		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	-	18.77	-	20.54	-	23.73	-	29.73	-	23.98	
HE20	MCS0	1	60	5300	Full	-	18.79	-	20.56	-	23.74	-	29.74	-	23.98	
HE20	MCS0	1	64	5320	Full	-	18.78	-	20.50	-	23.74	-	29.74	-	23.98	
HE40	MCS0	1	54	5270	Full	-	37.74	-	41.58	-	23.98	-	30.00	-	23.98	
HE40	MCS0	1	62	5310	Full	-	37.80	-	41.39	-	23.98	-	30.00	-	23.98	
HE80	MCS0	1	58	5290	Full	-	77.52	-	80.93	-	23.98	-	30.00	-	23.98	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	-	16.50	-	-	23.98	-	4.00	30	Pass
HE20	MCS0	1	52	5260	26/0	-	6.60		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	52	5260	52/37	-	9.40		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	52	5260	106/53	-	13.10		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	60	5300	Full	-	16.50		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	60	5300	26/4	-	8.70		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	60	5300	52/38	-	10.00		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	60	5300	106/53	-	12.80		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	64	5320	Full	-	16.50		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	64	5320	26/8	-	6.90		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	64	5320	52/40	-	9.60		-	23.98	-	4.00	30	Pass
HE20	MCS0	1	64	5320	106/54	-	12.60		-	23.98	-	4.00	30	Pass
HE40	MCS0	1	54	5270	Full	-	16.50		-	23.98	-	4.00	30	Pass
HE40	MCS0	1	62	5310	Full	-	16.50		-	23.98	-	4.00	30	Pass
HE80	MCS0	1	58	5290	Full	-	13.90		-	23.98	-	4.00	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	-	0.06	-	4.58		-	11.00	-	4.00		Pass
HE20	MCS0	1	52	5260	26/0	-	0.21	-	4.01		-	11.00	-	4.00		Pass
HE20	MCS0	1	52	5260	52/37	-	0.21	-	4.00		-	11.00	-	4.00		Pass
HE20	MCS0	1	52	5260	106/53	-	0.21	-	4.45		-	11.00	-	4.00		Pass
HE20	MCS0	1	60	5300	Full	-	0.06	-	4.46		-	11.00	-	4.00		Pass
HE20	MCS0	1	60	5300	26/4	-	0.21	-	4.32		-	11.00	-	4.00		Pass
HE20	MCS0	1	60	5300	52/38	-	0.21	-	4.28		-	11.00	-	4.00		Pass
HE20	MCS0	1	60	5300	106/53	-	0.21	-	3.76	-	-	11.00	-	4.00	-	Pass
HE20	MCS0	1	64	5320	Full	-	0.06	-	4.26		-	11.00	-	4.00		Pass
HE20	MCS0	1	64	5320	26/8	-	0.21	-	3.95		-	11.00	-	4.00		Pass
HE20	MCS0	1	64	5320	52/40	-	0.21	-	4.16		-	11.00	-	4.00		Pass
HE20	MCS0	1	64	5320	106/54	-	0.21	-	3.73		-	11.00	-	4.00		Pass
HE40	MCS0	1	54	5270	Full	-	0.12	-	1.23		-	11.00	-	4.00		Pass
HE40	MCS0	1	62	5310	Full	-	0.12	-	1.59		-	11.00	-	4.00		Pass
HE80	MCS0	1	58	5290	Full	-	0.23	-	-4.30		-	11.00	-	4.00		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	100	5500	Full	-	18.79	-	20.61	-	23.74	-	29.74	-	23.98	----	----
HE20	MCS0	1	116	5580	Full	-	18.79	-	20.51	-	23.74	-	29.74	-	23.98	----	----
HE20	MCS0	1	140	5700	Full	-	18.77	-	20.63	-	23.73	-	29.73	-	23.98	----	----
HE40	MCS0	1	102	5510	Full	-	37.73	-	41.31	-	23.98	-	30.00	-	23.98	----	----
HE40	MCS0	1	110	5550	Full	-	37.78	-	41.63	-	23.98	-	30.00	-	23.98	----	----
HE40	MCS0	1	134	5670	Full	-	37.72	-	41.31	-	23.98	-	30.00	-	23.98	----	----
HE80	MCS0	1	106	5530	Full	-	77.52	-	81.15	-	23.98	-	30.00	-	23.98	----	----
HE80	MCS0	1	122	5610	Full	-	77.63	-	81.02	-	23.98	-	30.00	-	23.98	----	----

U-NII-2C straddle channel single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	144	5720	Full	-	14.47	-	15.30	-	23.74	-	29.74	-	23.98	-	4.075
HE40	MCS0	1	142	5710	Full	-	33.98	-	35.75	-	23.98	-	30.00	-	23.98	-	3.117
HE80	MCS0	1	138	5690	Full	-	73.91	-	75.42	-	23.98	-	30.00	-	23.98	-	3.896
6dB Bandwidth Limit ≧ 500kHz																Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	-	15.00	-	-	23.88	-	6.10	30	Pass
HE20	MCS0	1	100	5500	26/0	-	6.00		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	100	5500	52/37	-	8.60		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	100	5500	106/53	-	11.40		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	116	5580	Full	-	15.80		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	116	5580	26/4	-	7.60		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	116	5580	52/38	-	8.90		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	116	5580	106/53	-	12.30		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	140	5700	Full	-	15.10		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	140	5700	26/8	-	5.20		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	140	5700	52/40	-	7.90		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	140	5700	106/54	-	11.30		-	23.88	-	6.10	30	Pass
HE40	MCS0	1	102	5510	Full	-	14.60		-	23.88	-	6.10	30	Pass
HE40	MCS0	1	110	5550	Full	-	15.30		-	23.88	-	6.10	30	Pass
HE40	MCS0	1	134	5670	Full	-	15.20		-	23.88	-	6.10	30	Pass
HE80	MCS0	1	106	5530	Full	-	11.20		-	23.88	-	6.10	30	Pass
HE80	MCS0	1	122	5610	Full	-	15.80		-	23.88	-	6.10	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
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	-	15.10	-	-	23.88	-	6.10	30	Pass
HE20	MCS0	1	144	5720	26/8	-	5.20		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	144	5720	52/40	-	8.00		-	23.88	-	6.10	30	Pass
HE20	MCS0	1	144	5720	106/54	-	11.20		-	23.88	-	6.10	30	Pass
HE40	MCS0	1	142	5710	Full	-	15.10		-	23.88	-	6.10	30	Pass
HE80	MCS0	1	138	5690	Full	-	15.20		-	23.88	-	6.10	30	Pass

TEST RESULTS DATA
Power Spectral Density

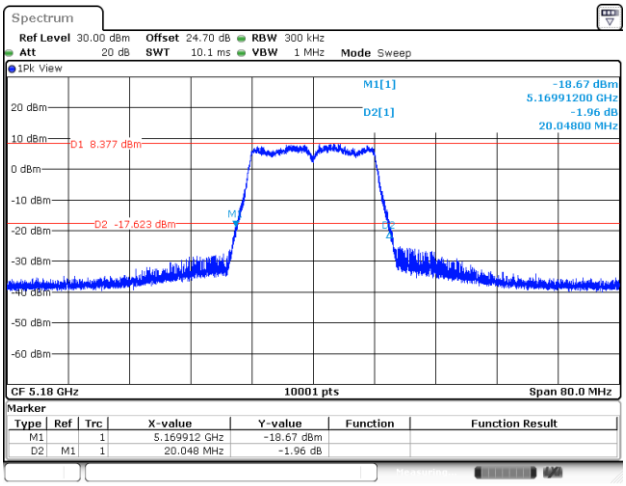
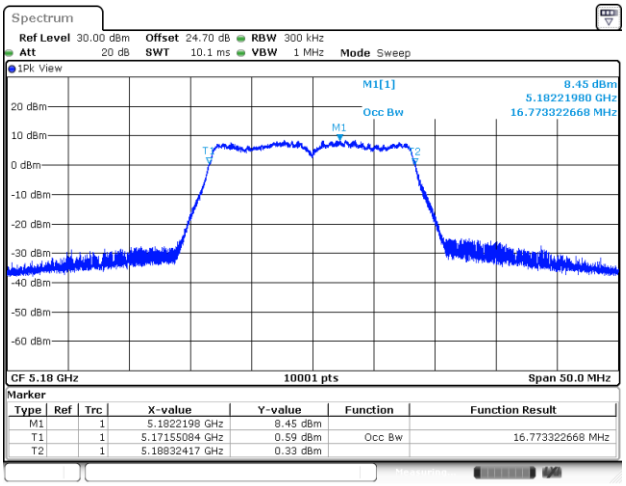
U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	-	0.06	-	3.06		-	10.90	-	6.10		Pass
HE20	MCS0	1	100	5500	26/0	-	0.21	-	3.03		-	10.90	-	6.10		Pass
HE20	MCS0	1	100	5500	52/37	-	0.21	-	2.99		-	10.90	-	6.10		Pass
HE20	MCS0	1	100	5500	106/53	-	0.21	-	2.59		-	10.90	-	6.10		Pass
HE20	MCS0	1	116	5580	Full	-	0.06	-	3.56		-	10.90	-	6.10		Pass
HE20	MCS0	1	116	5580	26/4	-	0.21	-	3.18		-	10.90	-	6.10		Pass
HE20	MCS0	1	116	5580	52/38	-	0.21	-	3.20		-	10.90	-	6.10		Pass
HE20	MCS0	1	116	5580	106/53	-	0.21	-	3.47		-	10.90	-	6.10		Pass
HE20	MCS0	1	140	5700	Full	-	0.06	-	2.66	-	-	10.90	-	6.10	-	Pass
HE20	MCS0	1	140	5700	26/8	-	0.21	-	2.13		-	10.90	-	6.10		Pass
HE20	MCS0	1	140	5700	52/40	-	0.21	-	2.19		-	10.90	-	6.10		Pass
HE20	MCS0	1	140	5700	106/54	-	0.21	-	2.46		-	10.90	-	6.10		Pass
HE40	MCS0	1	102	5510	Full	-	0.12	-	-0.17		-	10.90	-	6.10		Pass
HE40	MCS0	1	110	5550	Full	-	0.12	-	0.33		-	10.90	-	6.10		Pass
HE40	MCS0	1	134	5670	Full	-	0.12	-	0.03		-	10.90	-	6.10		Pass
HE80	MCS0	1	106	5530	Full	-	0.23	-	-6.45		-	10.90	-	6.10		Pass
HE80	MCS0	1	122	5610	Full	-	0.23	-	-2.14		-	10.90	-	6.10		Pass

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	-	0.06	-	2.61		-	10.90	-	6.10		Pass
HE20	MCS0	1	144	5720	26/8	-	0.21	-	2.14		-	10.90	-	6.10		Pass
HE20	MCS0	1	144	5720	52/40	-	0.21	-	2.24	-	-	10.90	-	6.10	-	Pass
HE20	MCS0	1	144	5720	106/54	-	0.21	-	2.39		-	10.90	-	6.10		Pass
HE40	MCS0	1	142	5710	Full	-	0.12	-	-0.07		-	10.90	-	6.10		Pass
HE80	MCS0	1	138	5690	Full	-	0.23	-	-2.96		-	10.90	-	6.10		Pass

Test Result of 26dB & 99% Occupied Bandwidth

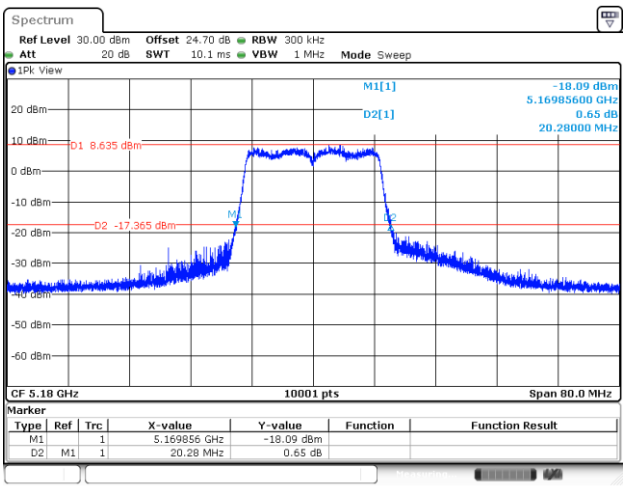
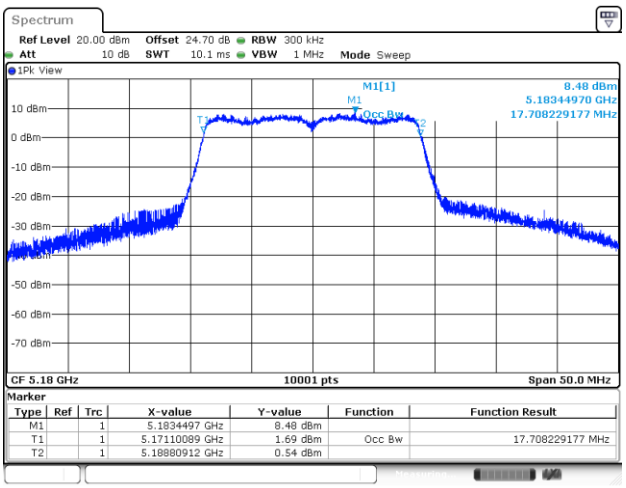
<Ant. 2>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

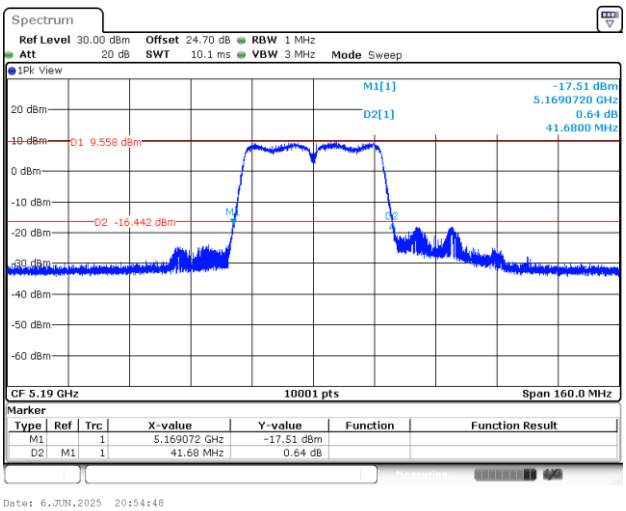
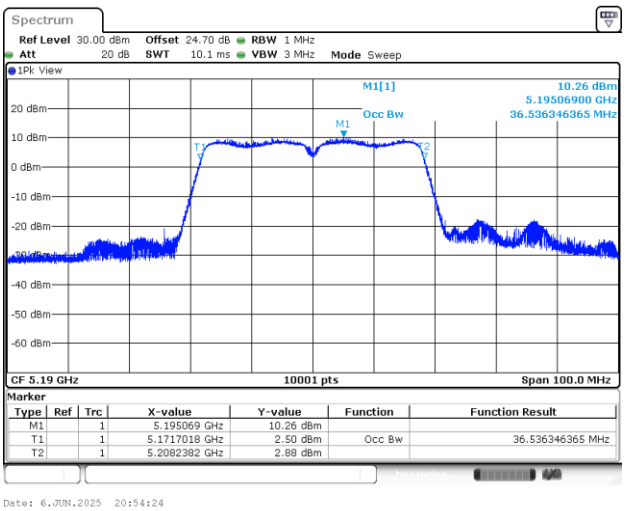
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11an HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

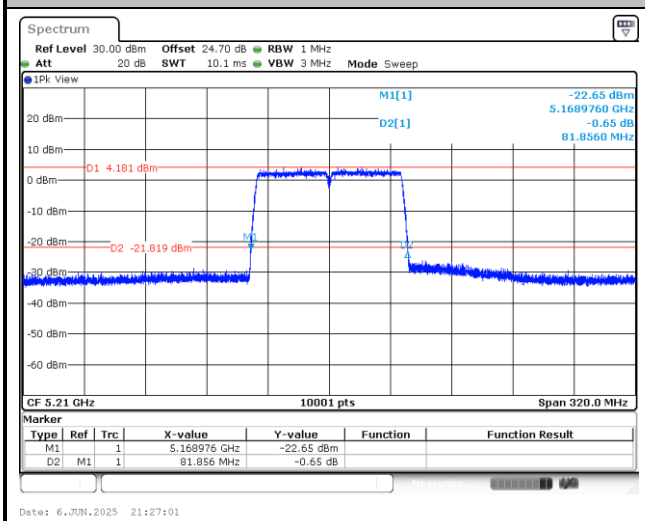
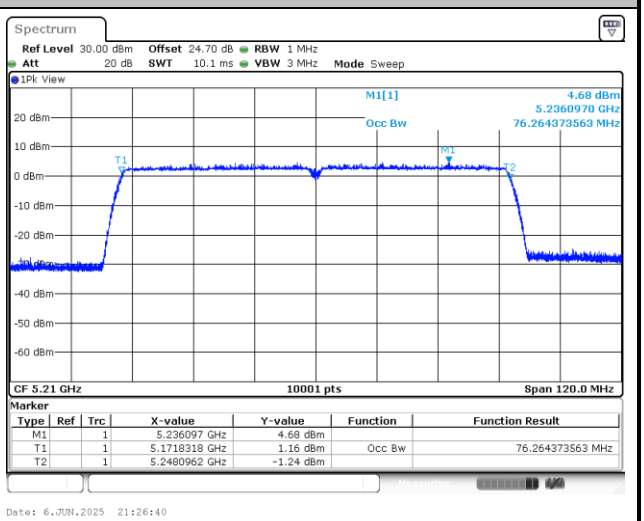
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11an HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

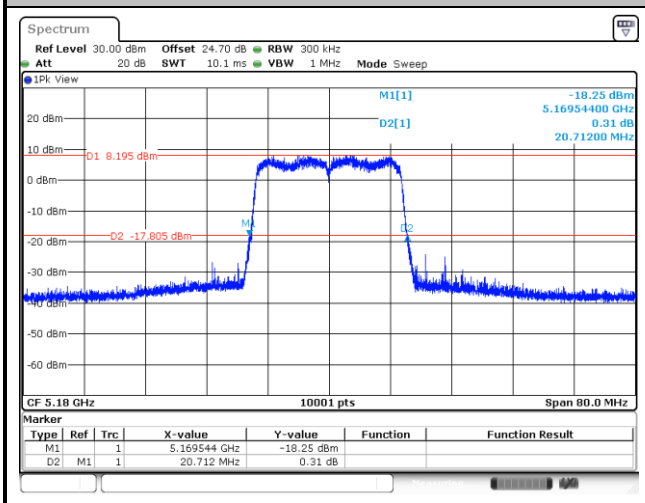
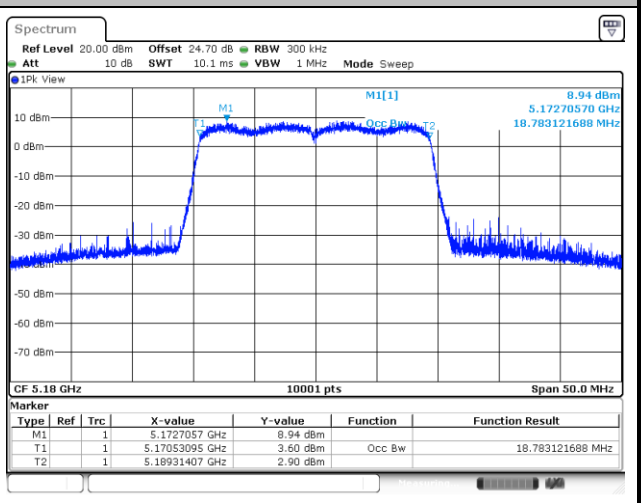
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

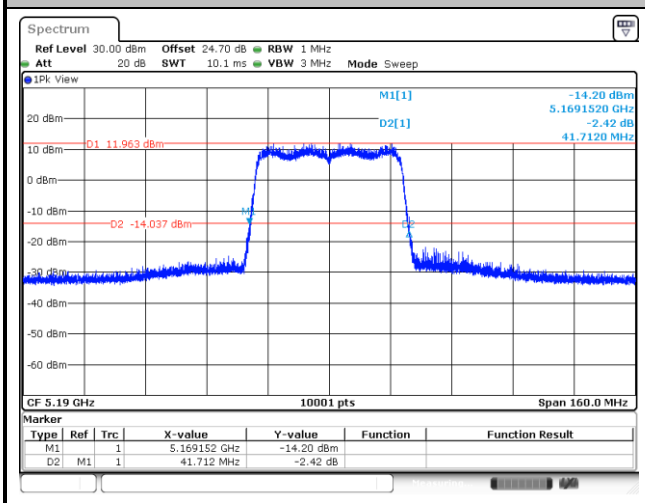
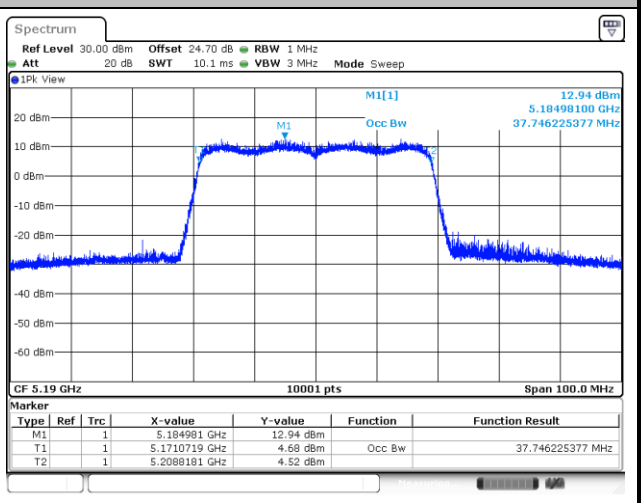
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

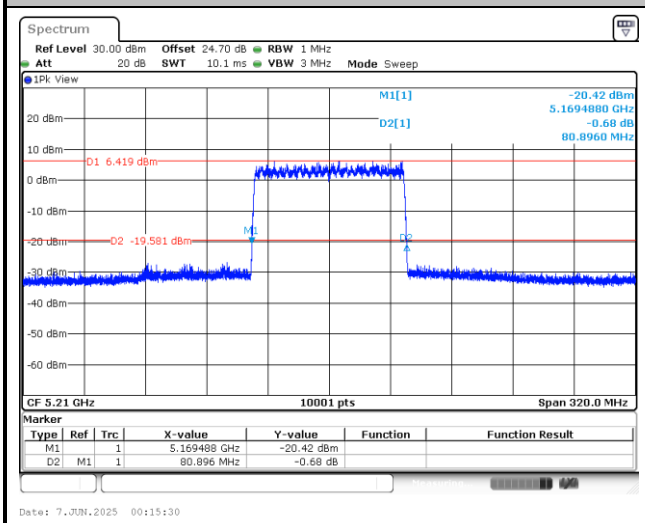
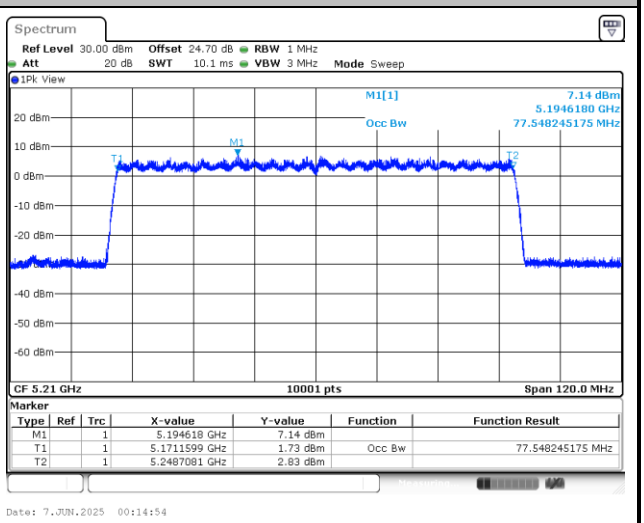
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11ax HE80>

26dB Bandwidth	99% Occupied Bandwidth
	

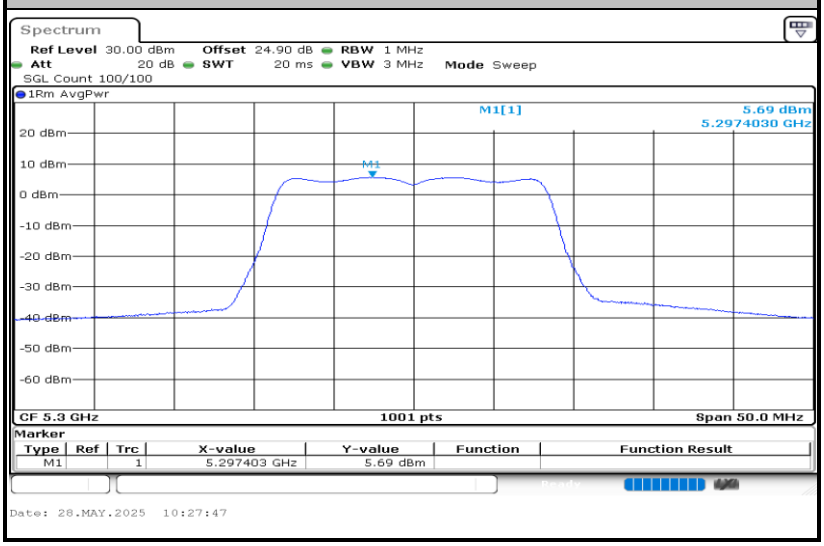
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

<Ant2.>

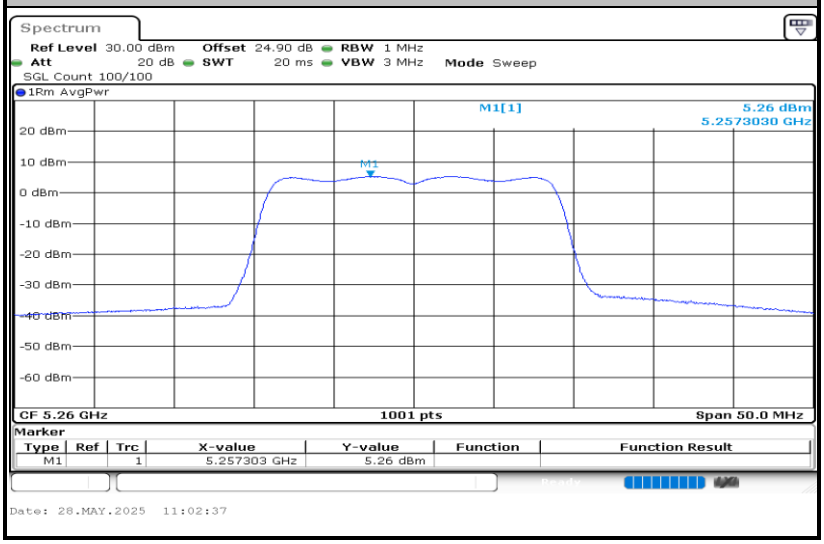
<802.11a>

Maximum Power Density Plot (dBm/MHz)



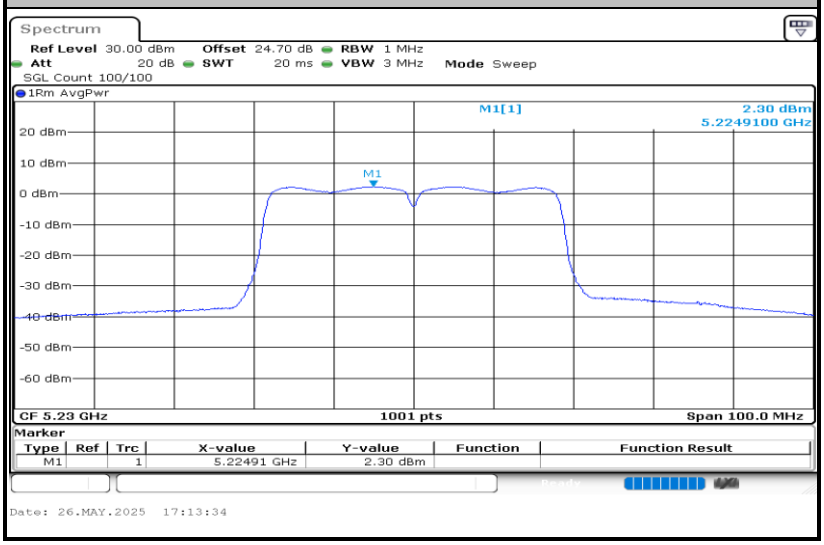
<802.11an HT20>

Maximum Power Density Plot (dBm/MHz)

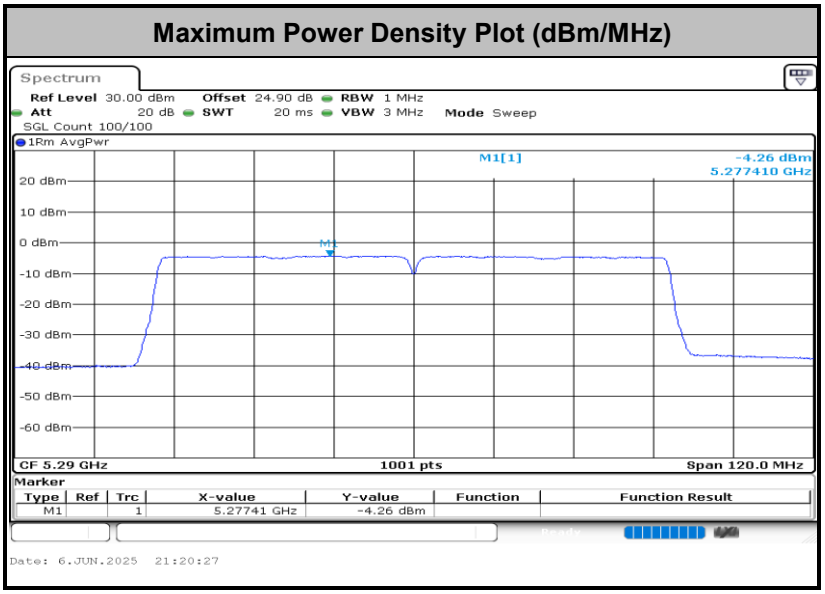


<802.11an HT40>

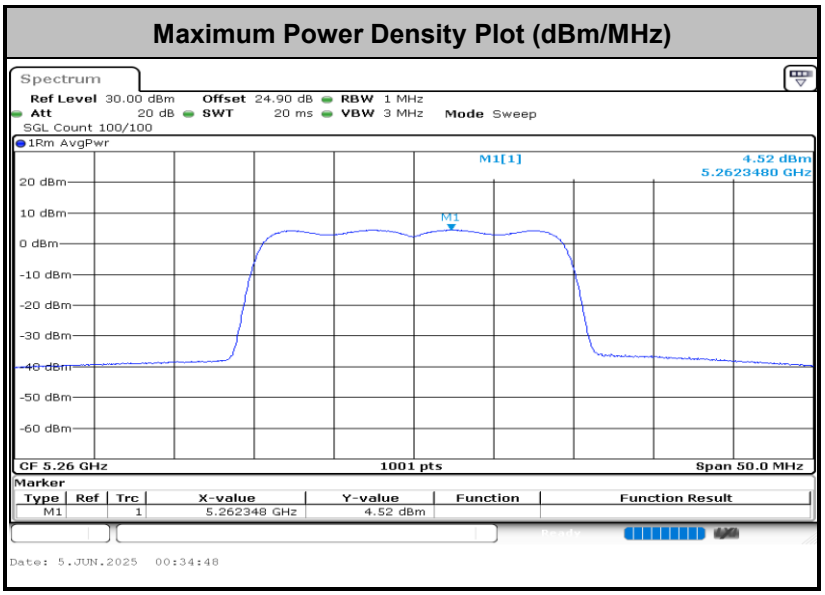
Maximum Power Density Plot (dBm/MHz)



<802.11ac VHT80>

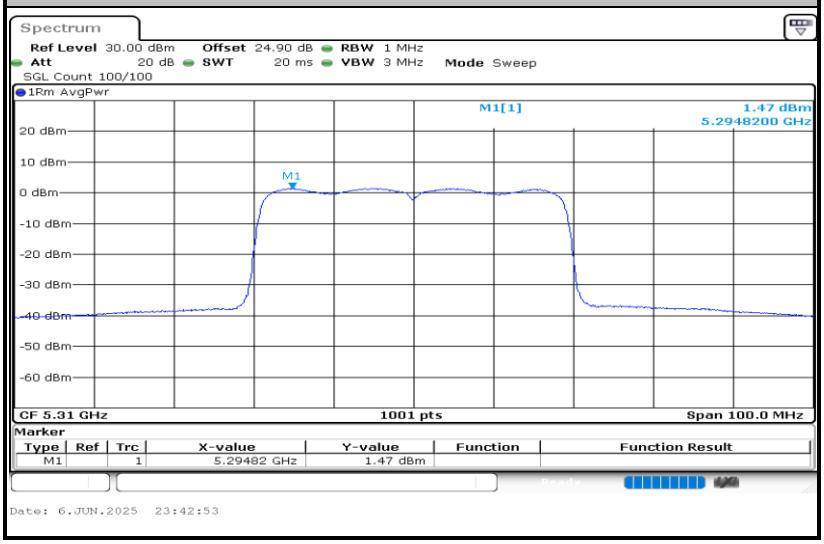


<802.11ax HE20>



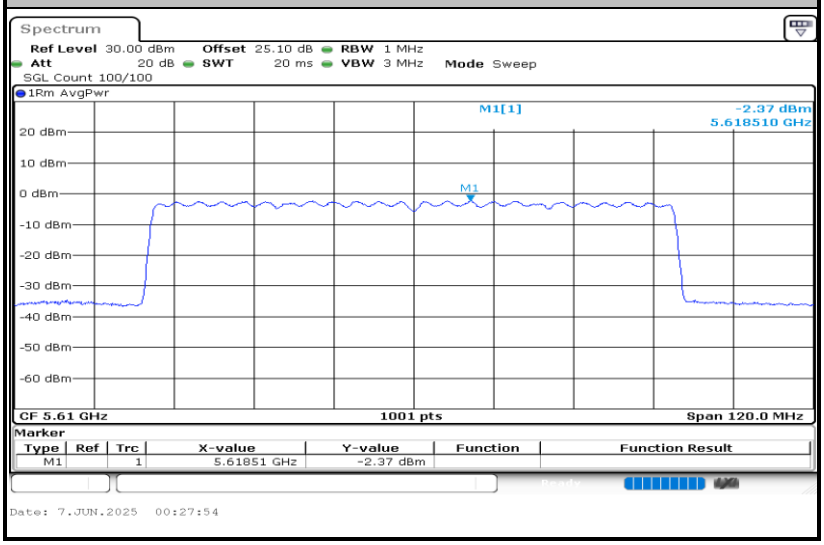
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)



<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

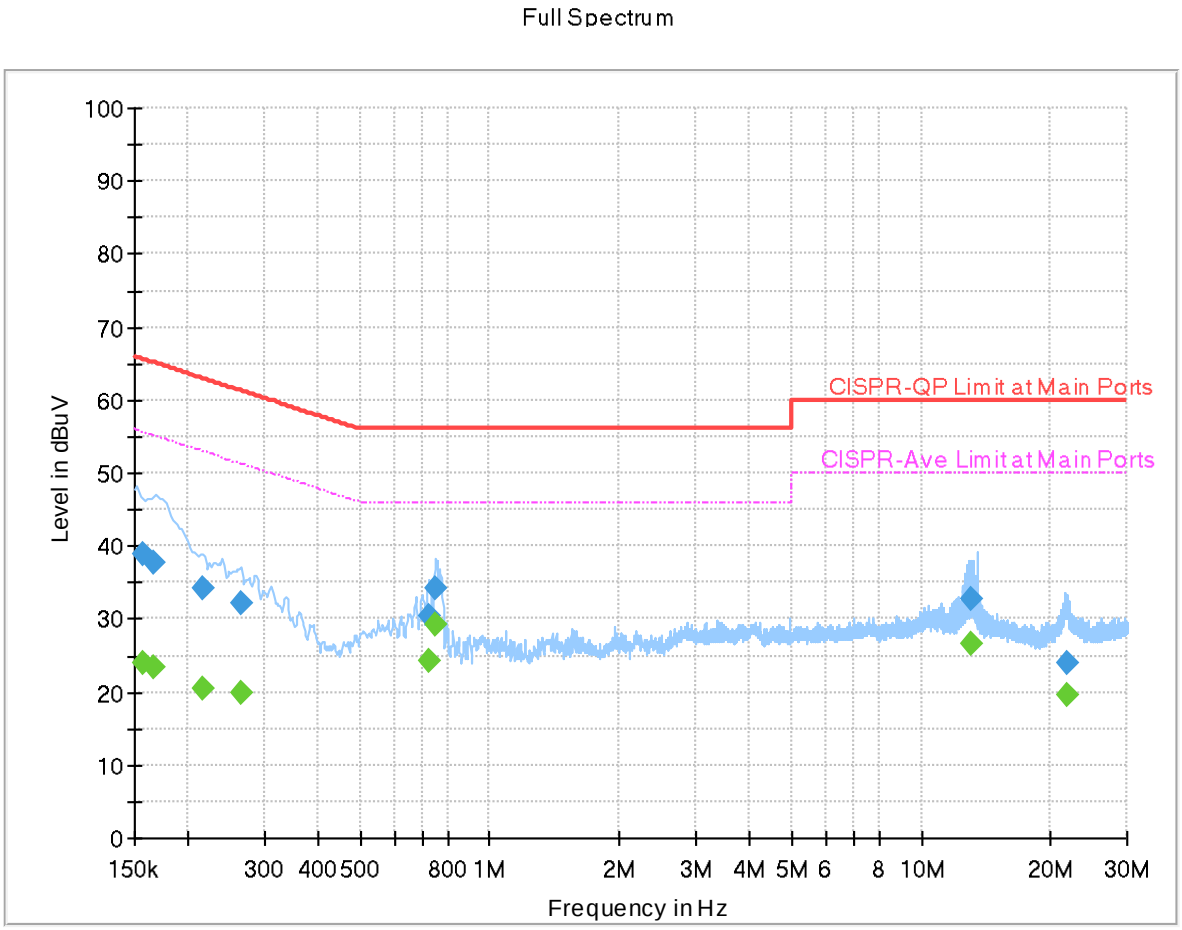


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	23.3~26.7℃
		Relative Humidity :	45.6~68.1%

EUT Information

Report NO :	550853
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

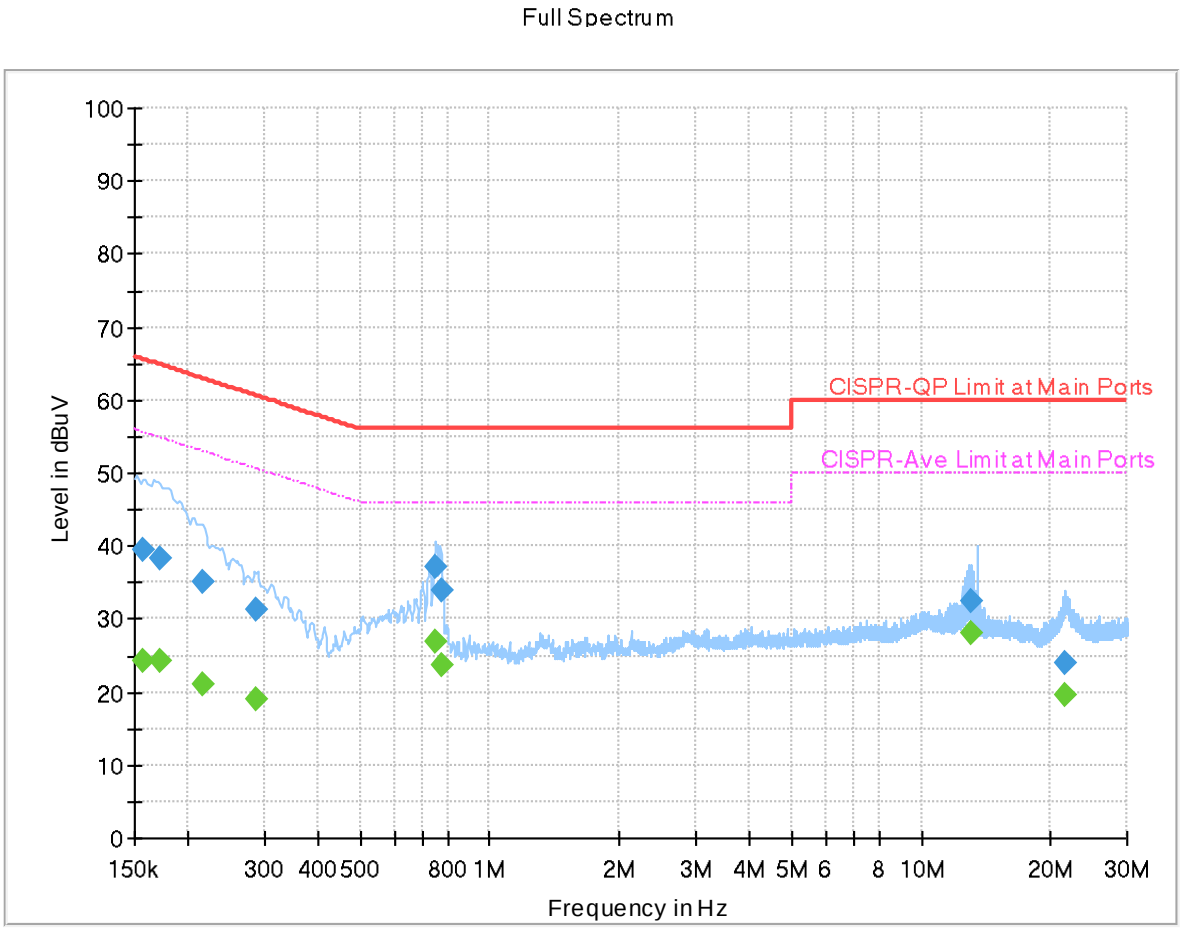


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.156413	---	24.06	55.65	31.59	L1	FLO	20.0
0.156413	38.90	---	65.65	26.75	L1	FLO	20.0
0.165750	---	23.30	55.17	31.87	L1	FLO	20.0
0.165750	37.62	---	65.17	27.55	L1	FLO	20.0
0.215970	---	20.53	52.97	32.44	L1	FLO	20.0
0.215970	34.26	---	62.97	28.71	L1	FLO	20.0
0.263670	---	19.95	51.32	31.37	L1	FLO	20.0
0.263670	32.27	---	61.32	29.05	L1	FLO	20.0
0.726000	---	24.29	46.00	21.71	L1	FLO	20.0
0.726000	30.30	---	56.00	25.70	L1	FLO	20.0
0.749490	---	29.24	46.00	16.76	L1	FLO	20.0
0.749490	34.26	---	56.00	21.74	L1	FLO	20.0
13.052850	---	26.62	50.00	23.38	L1	FLO	20.5
13.052850	32.61	---	60.00	27.39	L1	FLO	20.5
21.734250	---	19.53	50.00	30.47	L1	FLO	20.9
21.734250	23.95	---	60.00	36.05	L1	FLO	20.9

EUT Information

Report NO :	550853
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.156750	---	24.29	55.63	31.34	N	FLO	20.0
0.156750	39.39	---	65.63	26.24	N	FLO	20.0
0.171690	---	24.23	54.88	30.65	N	FLO	20.0
0.171690	38.19	---	64.88	26.69	N	FLO	20.0
0.215790	---	21.03	52.98	31.95	N	FLO	20.0
0.215790	34.96	---	62.98	28.02	N	FLO	20.0
0.288600	---	19.02	50.57	31.55	N	FLO	20.0
0.288600	31.19	---	60.57	29.38	N	FLO	20.0
0.749670	---	27.03	46.00	18.97	N	FLO	20.0
0.749670	37.08	---	56.00	18.92	N	FLO	20.0
0.771000	---	23.73	46.00	22.27	N	FLO	20.0
0.771000	34.05	---	56.00	21.95	N	FLO	20.0
13.049970	---	28.18	50.00	21.82	N	FLO	20.5
13.049970	32.57	---	60.00	27.43	N	FLO	20.5
21.655500	---	19.61	50.00	30.39	N	FLO	20.9
21.655500	24.05	---	60.00	35.95	N	FLO	20.9

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Fred Tseng, Ray Lung and Sky Chang	**Temperature :**	18~23°C
		Relative Humidity :	50~65%

Note symbol

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

C1. Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	2	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	2	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	2	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	2	802.11n HT20	36	5180	MCS0	-	-
Mode 5	U-NII-1	5.15-5.25	2	802.11n HT20	44	5220	MCS0	-	-
Mode 6	U-NII-1	5.15-5.25	2	802.11n HT20	48	5240	MCS0	-	-
Mode 7	U-NII-1	5.15-5.25	2	802.11n HT40	38	5190	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	2	802.11n HT40	46	5230	MCS0	-	-
Mode 9	U-NII-1	5.15-5.25	2	802.11ac VHT80	42	5210	MCS0	-	-
Mode 10	U-NII-1	5.15-5.25	2	802.11ax HE20	36	5180	MCS0	Full RU	-
Mode 11	U-NII-1	5.15-5.25	2	802.11ax HE20	44	5220	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-1	5.15-5.25	2	802.11ax HE20	48	5240	MCS0	Full RU	-
Mode 13	U-NII-1	5.15-5.25	2	802.11ax HE40	38	5190	MCS0	Full RU	-
Mode 14	U-NII-1	5.15-5.25	2	802.11ax HE40	46	5230	MCS0	Full RU	-
Mode 15	U-NII-1	5.15-5.25	2	802.11ax HE80	42	5210	MCS0	Full RU	-
Mode 16	U-NII-1	5.15-5.25	2	802.11ax HE20	36	5180	MCS0	RU106/53	-
Mode 17	U-NII-2A	5.15-5.35	2	802.11a	52	5260	6Mbps	-	-
Mode 18	U-NII-2A	5.15-5.35	2	802.11a	60	5300	6Mbps	-	-
Mode 19	U-NII-2A	5.15-5.35	2	802.11a	64	5320	6Mbps	-	-
Mode 20	U-NII-2A	5.15-5.35	2	802.11n HT20	52	5260	MCS0	-	-
Mode 21	U-NII-2A	5.15-5.35	2	802.11n HT20	60	5300	MCS0	-	-
Mode 22	U-NII-2A	5.15-5.35	2	802.11n HT20	64	5320	MCS0	-	-
Mode 23	U-NII-2A	5.15-5.35	2	802.11n HT40	54	5270	MCS0	-	-
Mode 24	U-NII-2A	5.15-5.35	2	802.11n HT40	62	5310	MCS0	-	-
Mode 25	U-NII-2A	5.15-5.35	2	802.11ac VHT80	58	5290	MCS0	-	-
Mode 26	U-NII-2A	5.15-5.35	2	802.11ax HE20	52	5260	MCS0	Full RU	-
Mode 27	U-NII-2A	5.15-5.35	2	802.11ax HE20	60	5300	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 28	U-NII-2A	5.15-5.35	2	802.11ax HE20	64	5320	MCS0	Full RU	-
Mode 29	U-NII-2A	5.15-5.35	2	802.11ax HE40	54	5270	MCS0	Full RU	-
Mode 30	U-NII-2A	5.15-5.35	2	802.11ax HE40	62	5310	MCS0	Full RU	-
Mode 31	U-NII-2A	5.15-5.35	2	802.11ax HE80	58	5290	MCS0	Full RU	-
Mode 32	U-NII-2A	5.15-5.35	2	802.11ax HE20	64	5320	MCS0	RU106/54	-
Mode 33	U-NII-2C	5.25-5.35	2	802.11a	100	5500	6Mbps	-	-
Mode 34	U-NII-2C	5.25-5.35	2	802.11a	116	5580	6Mbps	-	-
Mode 35	U-NII-2C	5.25-5.35	2	802.11a	140	5700	6Mbps	-	-
Mode 36	U-NII-2C	5.25-5.35	2	802.11n HT20	100	5500	MCS0	-	-
Mode 37	U-NII-2C	5.25-5.35	2	802.11n HT20	116	5580	MCS0	-	-
Mode 38	U-NII-2C	5.25-5.35	2	802.11n HT20	140	5700	MCS0	-	-
Mode 39	U-NII-2C	5.25-5.35	2	802.11n HT40	102	5510	MCS0	-	-
Mode 40	U-NII-2C	5.25-5.35	2	802.11n HT40	110	5550	MCS0	-	-
Mode 41	U-NII-2C	5.25-5.35	2	802.11n HT40	134	5670	MCS0	-	-
Mode 42	U-NII-2C	5.25-5.35	2	802.11ac VHT80	106	5530	MCS0	-	-
Mode 43	U-NII-2C	5.25-5.35	2	802.11ac VHT80	122	5610	MCS0	-	-
Mode 44	U-NII-2C	5.25-5.35	2	802.11ax HE20	100	5500	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 45	U-NII-2C	5.25-5.35	2	802.11ax HE20	116	5580	MCS0	Full RU	-
Mode 46	U-NII-2C	5.25-5.35	2	802.11ax HE20	140	5700	MCS0	Full RU	-
Mode 47	U-NII-2C	5.25-5.35	2	802.11ax HE40	102	5510	MCS0	Full RU	-
Mode 48	U-NII-2C	5.25-5.35	2	802.11ax HE40	110	5550	MCS0	Full RU	-
Mode 49	U-NII-2C	5.25-5.35	2	802.11ax HE40	134	5670	MCS0	Full RU	-
Mode 50	U-NII-2C	5.25-5.35	2	802.11ax HE80	106	5530	MCS0	Full RU	-
Mode 51	U-NII-2C	5.25-5.35	2	802.11ax HE80	122	5610	MCS0	Full RU	-
Mode 52	U-NII-2C	5.25-5.35	2	802.11ax HE20	100	5500	MCS0	RU106/53	-
Mode 53	U-NII-2C	5.25-5.35	2	802.11ax HE20	140	5700	MCS0	RU106/54	-
Mode 54	U-NII-2C	5.25-5.35	2	802.11a	144	5720	6Mbps	-	-
Mode 55	U-NII-2C	5.25-5.35	2	802.11n HT20	144	5720	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 56	U-NII-2C	5.25-5.35	2	802.11n HT40	142	5710	MCS0	-	-
Mode 57	U-NII-2C	5.25-5.35	2	802.11ac VHT80	138	5690	MCS0	-	-
Mode 58	U-NII-2C	5.25-5.35	2	802.11ax HE20	144	5720	MCS0	Full RU	-
Mode 59	U-NII-2C	5.25-5.35	2	802.11ax HE40	142	5710	MCS0	Full RU	-
Mode 60	U-NII-2C	5.25-5.35	2	802.11ax HE80	138	5690	MCS0	Full RU	-
Mode 61	U-NII-2A	5.15-5.35	2	802.11ax HE80	58	5290	MCS0	Full RU	LF
Mode 62	U-NII-2A	5.15-5.35	2	802.11ax HE80	58	5290	MCS0	Full RU	SHF

C2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.40	45.17	54.00	-8.83	H	Avg.	Pass	-	Band Edge
	802.11a	36	15540.00	42.73	54.00	-11.27	V	Avg.	Pass	-	Harmonic
2	802.11a	44	5142.78	41.53	54.00	-12.47	H	Avg.	Pass	-	Band Edge
	802.11a	44	15660.00	43.13	54.00	-10.87	V	Avg.	Pass	-	Harmonic
3	802.11a	48	5082.56	40.98	54.00	-13.02	H	Avg.	Pass	-	Band Edge
	802.11a	48	15720.00	43.22	54.00	-10.78	V	Avg.	Pass	-	Harmonic
4	802.11n HT20	36	5149.94	46.70	54.00	-7.30	H	Avg.	Pass	-	Band Edge
	802.11n HT20	36	15540.00	43.04	54.00	-10.96	V	Avg.	Pass	-	Harmonic
5	802.11n HT20	44	5143.44	41.52	54.00	-12.48	H	Avg.	Pass	-	Band Edge
	802.11n HT20	44	15660.00	42.92	54.00	-11.08	H	Avg.	Pass	-	Harmonic
6	802.11n HT20	48	5120.00	41.67	54.00	-12.33	H	Avg.	Pass	-	Band Edge
	802.11n HT20	48	15720.00	43.09	54.00	-10.91	H	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
7	802.11n HT40	38	5149.53	49.53	54.00	-4.47	H	Avg.	Pass	-	Band Edge
	802.11n HT40	38	-	-	-	-	-	-	-	-	Harmonic
8	802.11n HT40	46	5120.06	40.70	54.00	-13.30	H	Avg.	Pass	-	Band Edge
	802.11n HT40	46	-	-	-	-	-	-	-	-	Harmonic
9	802.11ac VHT80	42	5146.79	51.31	54.00	-2.69	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	-	-	-	-	-	-	-	-	Harmonic
10	802.11ax HE20	36	5148.32	46.13	54.00	-7.87	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	36	15540.00	42.57	54.00	-11.43	V	Avg.	Pass	Full RU	Harmonic
11	802.11ax HE20	44	5148.50	41.25	54.00	-12.75	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	44	15660.00	42.51	54.00	-11.49	V	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	802.11ax HE20	48	5120.00	41.47	54.00	-12.53	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	48	15720.00	42.60	54.00	-11.40	V	Avg.	Pass	Full RU	Harmonic
13	802.11ax HE40	38	5148.20	51.97	54.00	-2.03	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE40	38	-	-	-	-	-	-	-	Full RU	Harmonic
14	802.11ax HE40	46	5148.81	41.84	54.00	-12.16	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE40	46	-	-	-	-	-	-	-	Full RU	Harmonic
15	802.11ax HE80	42	5133.98	50.98	54.00	-3.02	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE80	42	-	-	-	-	-	-	-	Full RU	Harmonic
16	802.11ax HE20	36	5147.96	41.69	54.00	-12.31	H	Avg.	Pass	RU106/53	Band Edge
	802.11ax HE20	36	-	-	-	-	-	-	-	RU106/53	Harmonic
17	802.11a	52	5119.86	41.01	54.00	-12.99	H	Avg.	Pass	-	Band Edge
	802.11a	52	15780.00	43.41	54.00	-10.59	V	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
18	802.11a	60	5041.40	40.91	54.00	-13.09	H	Avg.	Pass	-	Band Edge
	802.11a	60	15900.00	42.94	54.00	-11.06	V	Avg.	Pass	-	Harmonic
19	802.11a	64	5350.10	46.24	54.00	-7.76	H	Avg.	Pass	-	Band Edge
	802.11a	64	15960.00	42.71	54.00	-11.29	H	Avg.	Pass	-	Harmonic
20	802.11n HT20	52	5141.70	41.13	54.00	-12.87	H	Avg.	Pass	-	Band Edge
	802.11n HT20	52	15780.00	42.83	54.00	-11.17	H	Avg.	Pass	-	Harmonic
21	802.11n HT20	60	5350.56	41.41	54.00	-12.59	H	Avg.	Pass	-	Band Edge
	802.11n HT20	60	15900.00	42.46	54.00	-11.54	V	Avg.	Pass	-	Harmonic
22	802.11n HT20	64	5350.52	45.63	54.00	-8.37	H	Avg.	Pass	-	Band Edge
	802.11n HT20	64	15960.00	42.39	54.00	-11.61	V	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
23	802.11n HT40	54	5066.15	40.77	54.00	-13.23	V	Avg.	Pass	-	Band Edge
	802.11n HT40	54	-	-	-	-	-	-	-	-	Harmonic
24	802.11n HT40	62	5350.05	46.15	54.00	-7.85	H	Avg.	Pass	-	Band Edge
	802.11n HT40	62	-	-	-	-	-	-	-	-	Harmonic
25	802.11ac VHT80	58	5352.05	51.58	54.00	-2.42	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	58	-	-	-	-	-	-	-	-	Harmonic
26	802.11ax HE20	52	5091.00	40.65	54.00	-13.35	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	52	15780.00	42.76	54.00	-11.24	V	Avg.	Pass	Full RU	Harmonic
27	802.11ax HE20	60	5120.30	40.64	54.00	-13.36	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	60	15900.00	42.44	54.00	-11.56	V	Avg.	Pass	Full RU	Harmonic
28	802.11ax HE20	64	5351.22	46.23	54.00	-7.77	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	64	15960.00	42.45	54.00	-11.55	V	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
29	802.11ax HE40	54	5120.15	41.38	54.00	-12.62	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE40	54	-	-	-	-	-	-	-	Full RU	Harmonic
30	802.11ax HE40	62	5350.80	50.84	54.00	-3.16	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE40	62	-	-	-	-	-	-	-	Full RU	Harmonic
31	802.11ax HE80	58	5355.11	52.41	54.00	-1.59	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE80	58	-	-	-	-	-	-	-	Full RU	Harmonic
32	802.11ax HE20	64	5353.04	39.46	54.00	-14.54	H	Avg.	Pass	RU106/54	Band Edge
	802.11ax HE20	64	-	-	-	-	-	-	-	RU106/54	Harmonic
33	802.11a	100	5463.25	62.13	68.20	-6.07	H	Peak	Pass	-	Band Edge
	802.11a	100	11000.00	39.29	54.00	-14.71	V	Avg.	Pass	-	Harmonic

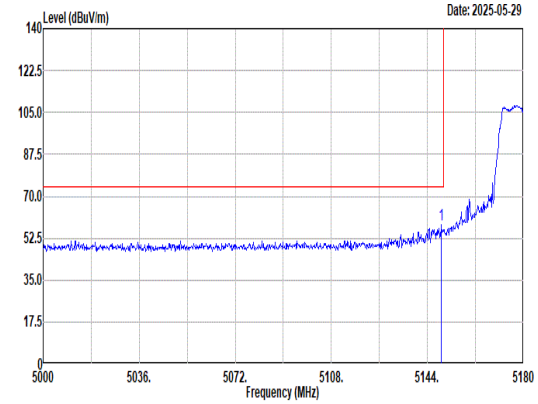
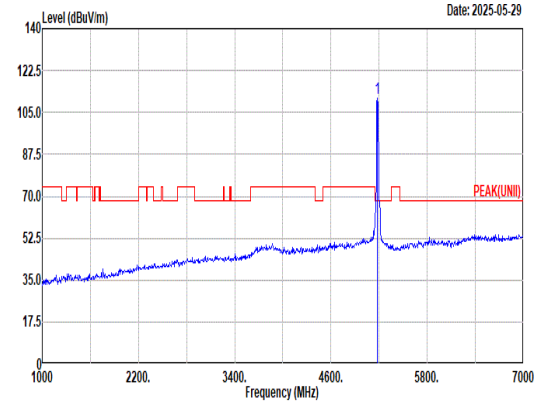
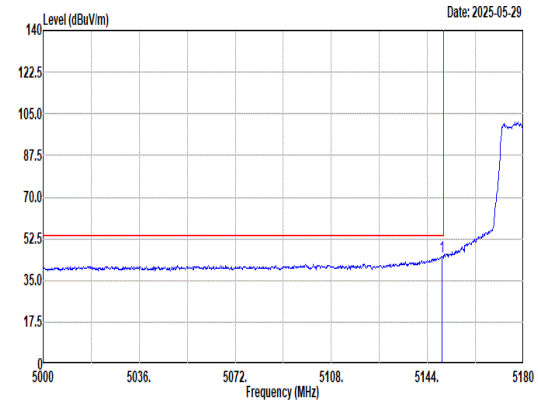
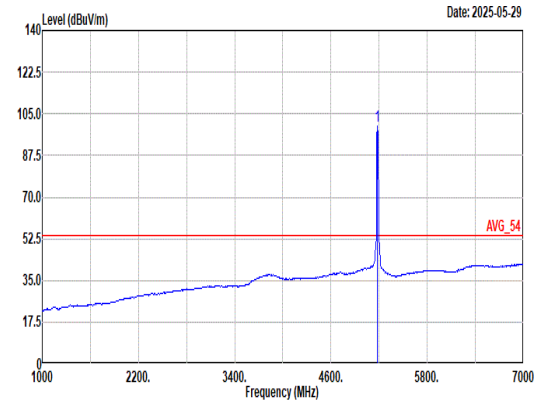
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
34	802.11a	116	5456.26	39.76	54.00	-14.24	H	Avg.	Pass	-	Band Edge
	802.11a	116	11160.00	48.82	54.00	-5.18	H	Avg.	Pass	-	Harmonic
35	802.11a	140	5727.89	62.85	68.20	-5.35	H	Peak	Pass	-	Band Edge
	802.11a	140	11400.00	39.84	54.00	-14.16	V	Avg.	Pass	-	Harmonic
36	802.11n HT20	100	5468.50	65.00	68.20	-3.20	H	Peak	Pass	-	Band Edge
	802.11n HT20	100	11000.00	42.87	54.00	-11.13	H	Avg.	Pass	-	Harmonic
37	802.11n HT20	116	5453.96	40.11	54.00	-13.89	H	Avg.	Pass	-	Band Edge
	802.11n HT20	116	11160.00	45.75	54.00	-8.25	H	Avg.	Pass	-	Harmonic
38	802.11n HT20	140	5725.68	65.21	68.20	-2.99	H	Peak	Pass	-	Band Edge
	802.11n HT20	140	11400.00	41.83	54.00	-12.17	H	Avg.	Pass	-	Harmonic
39	802.11n HT40	102	5468.24	62.62	68.20	-5.58	H	Peak	Pass	-	Band Edge

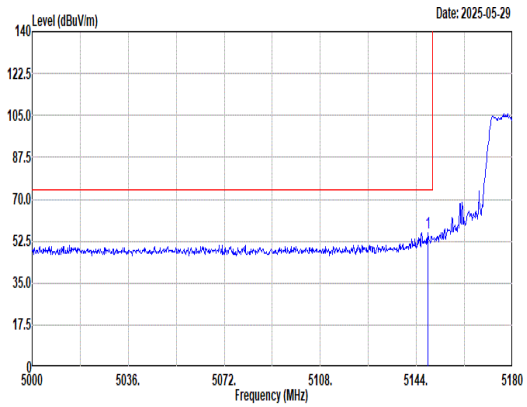
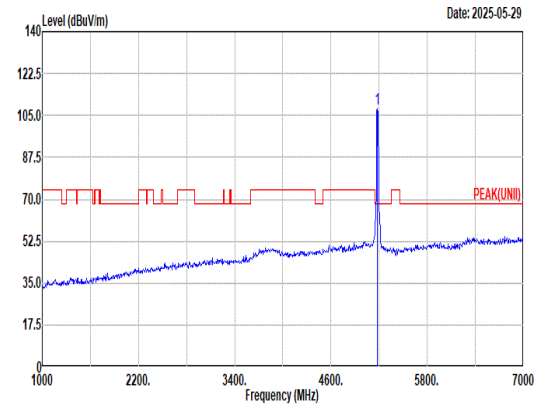
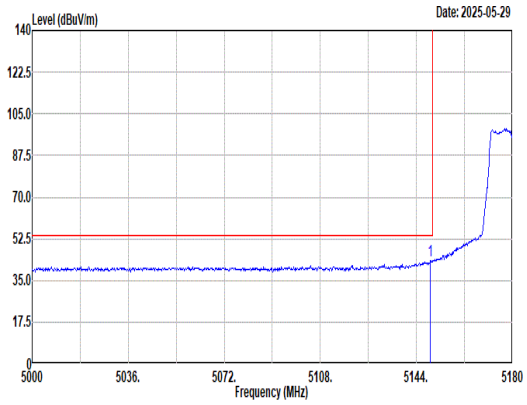
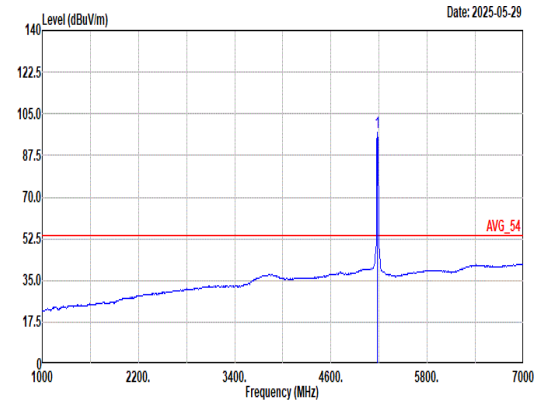
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
39	802.11n HT40	102	-	-	-	-	-	-	-	-	Harmonic
40	802.11n HT40	110	5469.40	54.31	68.20	-13.89	H	Peak	Pass	-	Band Edge
	802.11n HT40	110	-	-	-	-	-	-	-	-	Harmonic
41	802.11n HT40	134	5726.34	54.46	68.20	-13.74	H	Peak	Pass	-	Band Edge
	802.11n HT40	134	-	-	-	-	-	-	-	-	Harmonic
42	802.11ac VHT80	106	5453.68	51.49	54.00	-2.51	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	106	-	-	-	-	-	-	-	-	Harmonic
43	802.11ac VHT80	122	5729.20	59.07	68.20	-9.13	H	Peak	Pass	-	Band Edge
	802.11ac VHT80	122	-	-	-	-	-	-	-	-	Harmonic
44	802.11ax HE20	100	5468.20	60.42	68.20	-7.78	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	100	11000.00	42.83	54.00	-11.17	H	Avg.	Pass	Full RU	Harmonic

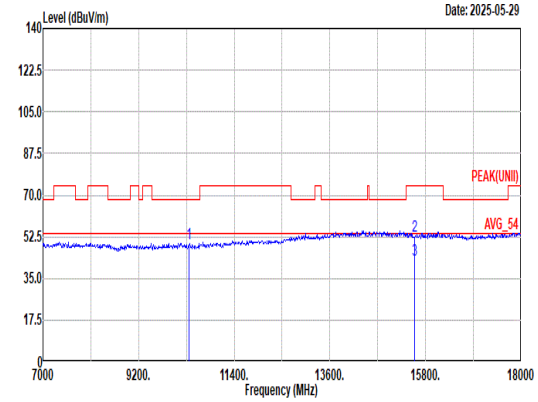
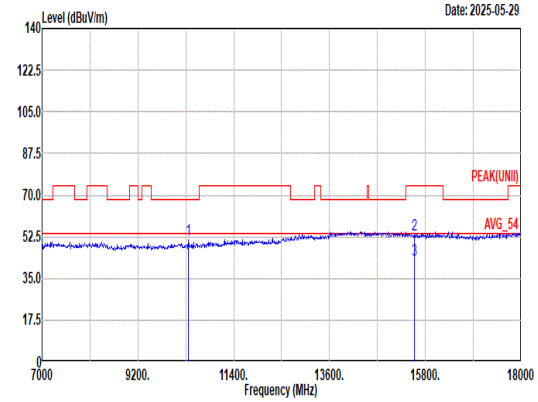
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
45	802.11ax HE20	116	5452.12	39.26	54.00	-14.74	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	116	11160.00	44.60	54.00	-9.40	H	Avg.	Pass	Full RU	Harmonic
46	802.11ax HE20	140	5726.39	60.49	68.20	-7.71	V	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	140	11400.00	41.34	54.00	-12.66	H	Avg.	Pass	Full RU	Harmonic
47	802.11ax HE40	102	5463.60	64.92	68.20	-3.28	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	102	-	-	-	-	-	-	-	Full RU	Harmonic
48	802.11ax HE40	110	5469.40	56.00	68.20	-12.20	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	110	-	-	-	-	-	-	-	Full RU	Harmonic
49	802.11ax HE40	134	5733.27	59.61	68.20	-8.59	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	134	-	-	-	-	-	-	-	Full RU	Harmonic
50	802.11ax HE80	106	5454.76	51.60	54.00	-2.40	H	Avg.	Pass	Full RU	Band Edge

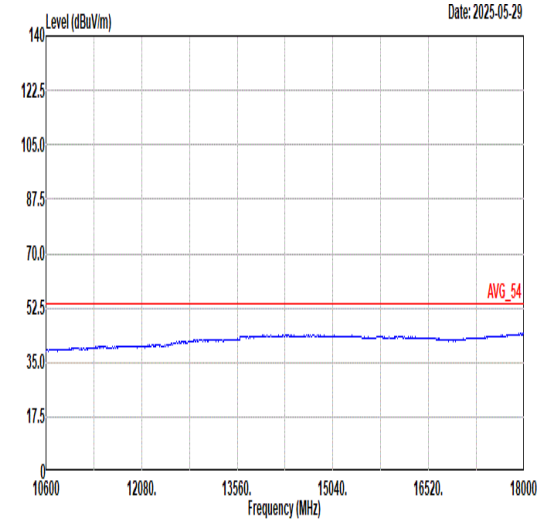
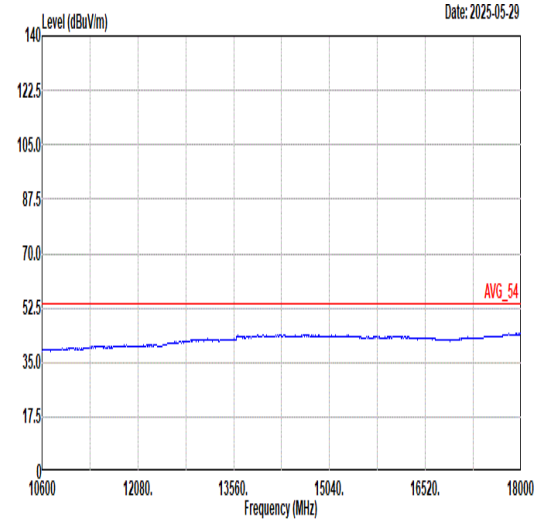
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
50	802.11ax HE80	106	-	-	-	-	-	-	-	Full RU	Harmonic
51	802.11ax HE80	122	5736.02	59.95	68.20	-8.25	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE80	122	-	-	-	-	-	-	-	Full RU	Harmonic
52	802.11ax HE20	100	5458.00	39.37	54.00	-14.63	H	Avg.	Pass	RU106/53	Band Edge
	802.11ax HE20	100	-	-	-	-	-	-	-	RU106/53	Harmonic
53	802.11ax HE20	140	5731.72	51.71	68.20	-16.49	H	Peak	Pass	RU106/54	Band Edge
	802.11ax HE20	140	-	-	-	-	-	-	-	RU106/54	Harmonic
54	802.11a	144	5440.48	38.35	54.00	-15.65	H	Avg.	Pass	-	Band Edge
	802.11a	144	11440.00	40.19	54.00	-13.81	V	Avg.	Pass	-	Harmonic
55	802.11n HT20	144	5373.40	38.53	54.00	-15.47	H	Avg.	Pass	-	Band Edge
	802.11n HT20	144	11440.00	41.16	54.00	-12.84	H	Avg.	Pass	-	Harmonic

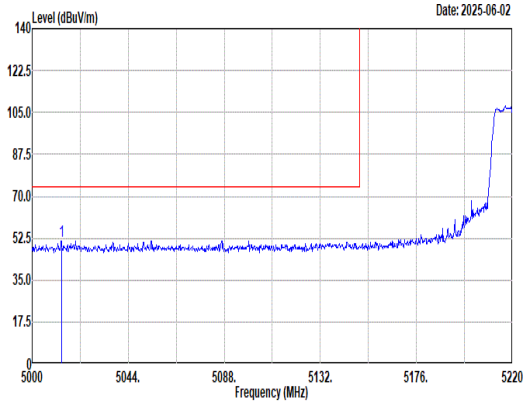
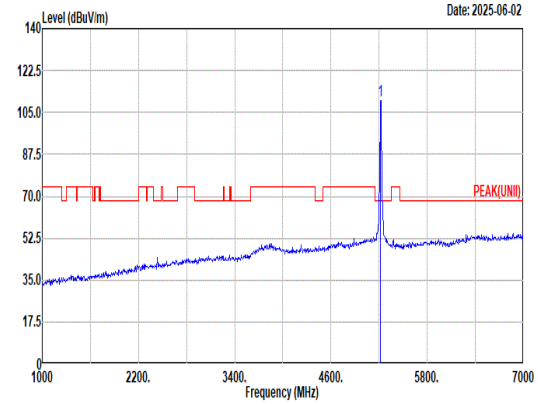
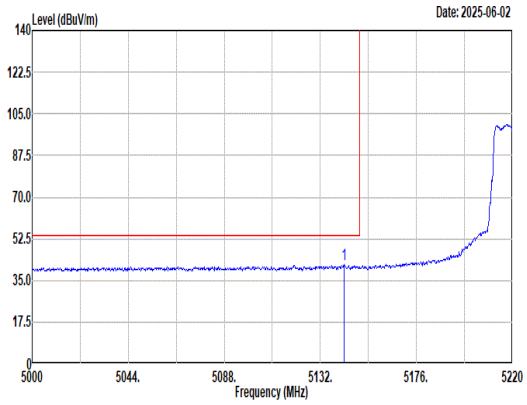
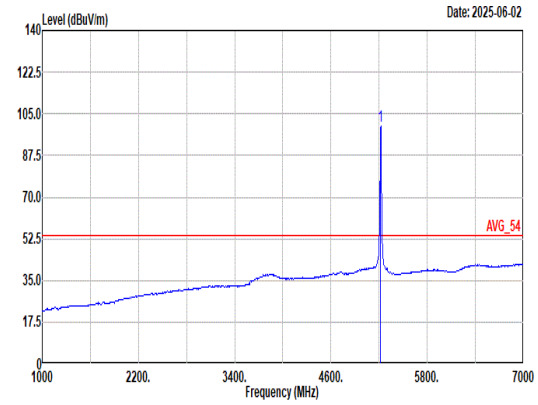
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
56	802.11n HT40	142	5878.50	52.69	68.20	-15.51	H	Peak	Pass	-	Band Edge
	802.11n HT40	142	-	-	-	-	-	-	-	-	Harmonic
57	802.11ac VHT80	138	5452.18	38.74	54.00	-15.26	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	138	-	-	-	-	-	-	-	-	Harmonic
58	802.11ax HE20	144	5458.42	38.02	54.00	-15.98	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	144	11440.00	40.07	54.00	-13.93	V	Avg.	Pass	Full RU	Harmonic
59	802.11ax HE40	142	5459.98	38.05	54.00	-15.95	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE40	142	-	-	-	-	-	-	-	Full RU	Harmonic
60	802.11ax HE80	138	5876.20	54.84	68.20	-13.36	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE80	138	-	-	-	-	-	-	-	Full RU	Harmonic
61	802.11ax HE80	58	716.76	36.31	46.00	-9.69	V	Peak	Pass	-	LF
62	802.11ax HE80	58	38615.86	41.09	54.00	-12.91	H	Avg.	Pass	-	SHF

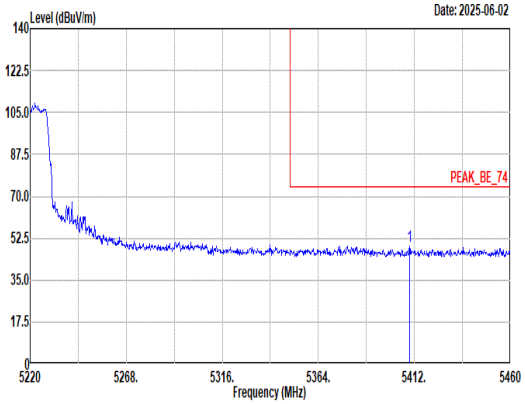
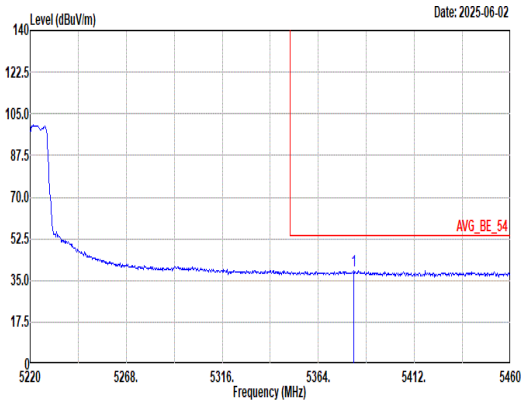
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.22 57.92 74.00 -16.08 46.70 32.70 13.03 34.51 0.00 300 254 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 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 5180.00 110.73 ------ ------ 99.59 32.65 13.06 34.57 0.00 300 254 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.40 45.17 54.00 -8.83 33.95 32.70 13.03 34.51 0.00 300 254 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 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 99.88 ------ ------ 88.75 32.64 13.07 34.58 0.00 300 254 Average

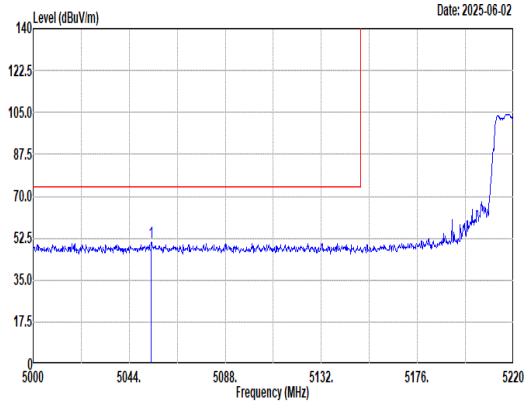
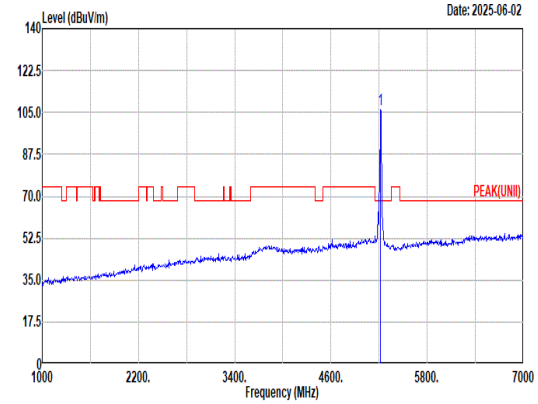
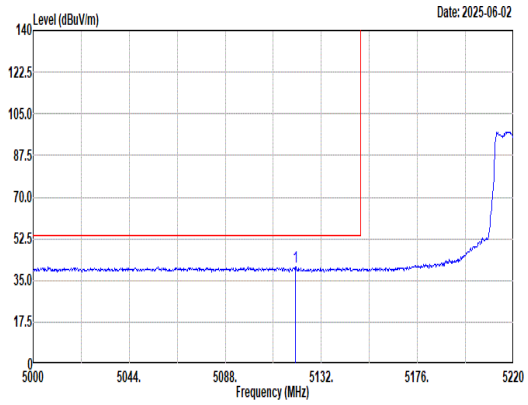
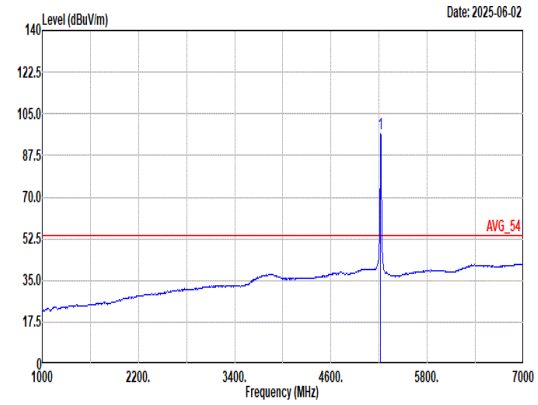
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.32 56.25 74.00 -17.75 45.03 32.70 13.03 34.51 0.00 276 200 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 107.90 ------ ------ 96.76 32.65 13.06 34.57 0.00 276 200 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.22 43.33 54.00 -10.67 32.11 32.70 13.03 34.51 0.00 276 200 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 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 97.33 ------ ------ 86.19 32.65 13.06 34.57 0.00 276 200 Average

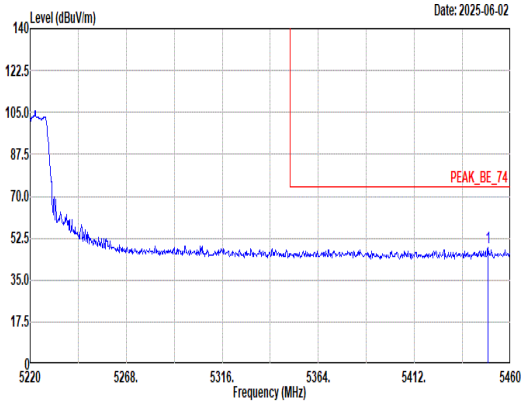
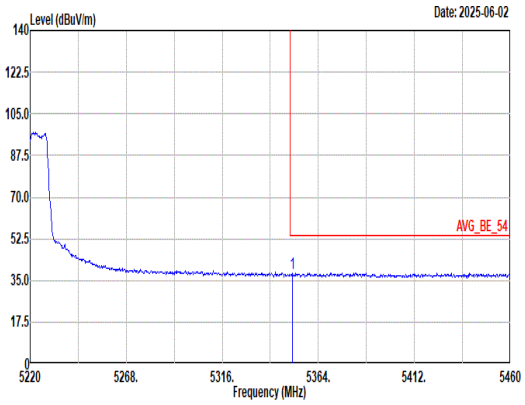
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL 1 10360.00 49.58 68.20 -18.62 32.73 37.36 18.54 39.85 0.80 -- -- Peak 2 15540.00 52.96 74.00 -21.04 34.27 40.72 22.79 45.42 0.60 -- -- Peak 3 15540.00 42.71 54.00 -11.29 24.02 40.72 22.79 45.42 0.60 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL 1 10360.00 51.08 68.20 -17.12 34.23 37.36 18.54 39.85 0.80 -- -- Peak 2 15540.00 53.24 74.00 -20.76 34.55 40.72 22.79 45.42 0.60 -- -- Peak 3 15540.00 42.73 54.00 -11.27 24.04 40.72 22.79 45.42 0.60 -- -- Average

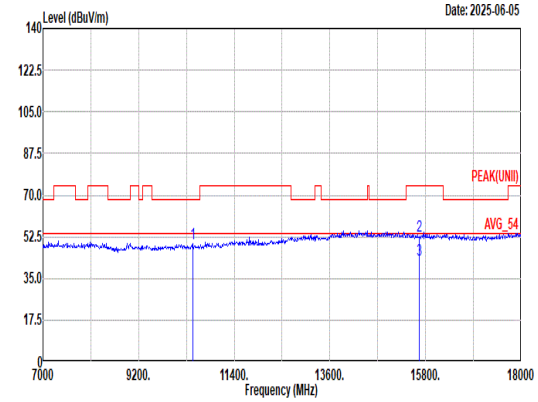
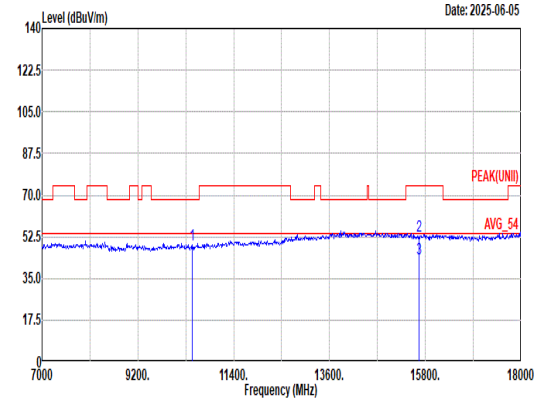
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL

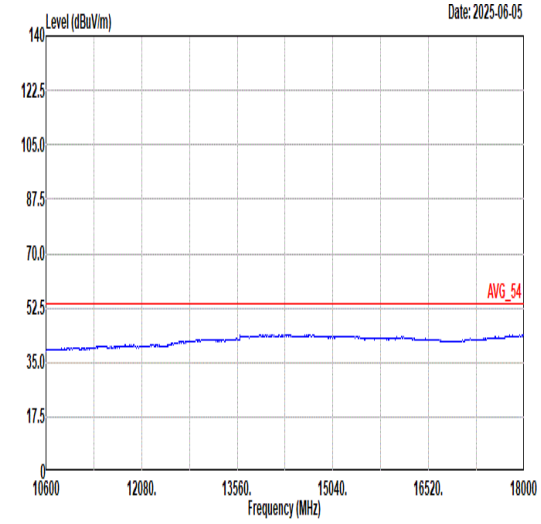
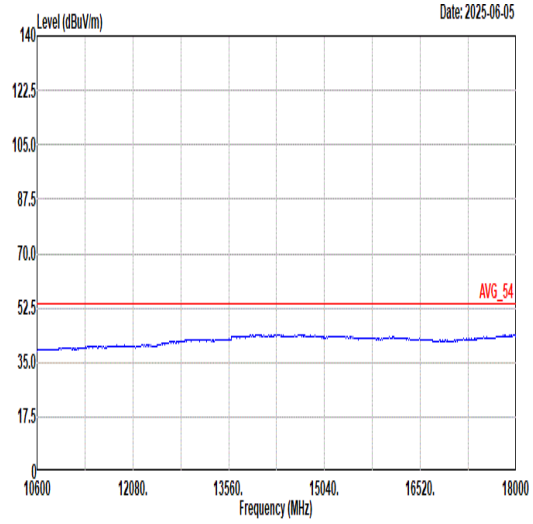
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5013.42 51.49 74.00 -22.51 40.09 32.75 12.88 34.23 0.00 242 222 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 109.87 ------ ------ 98.89 32.53 13.11 34.66 0.00 242 222 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5142.78 41.53 54.00 -12.47 30.32 32.69 13.02 34.50 0.00 242 222 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 99.74 ------ ------ 88.79 32.50 13.12 34.67 0.00 242 222 Average

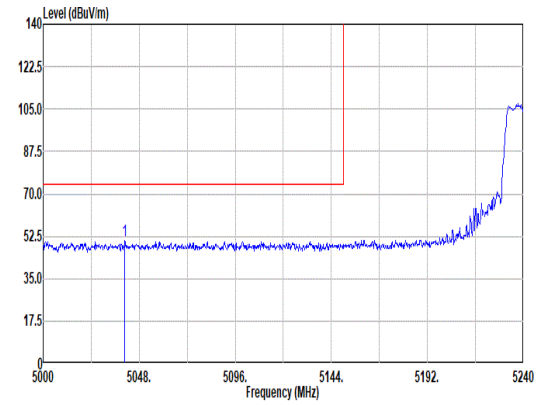
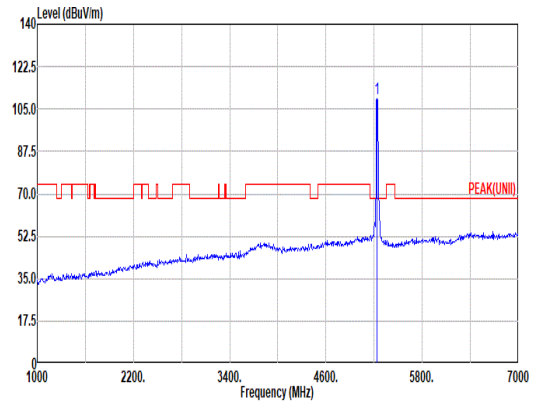
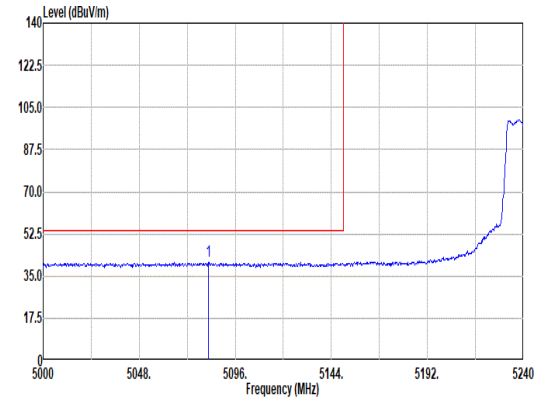
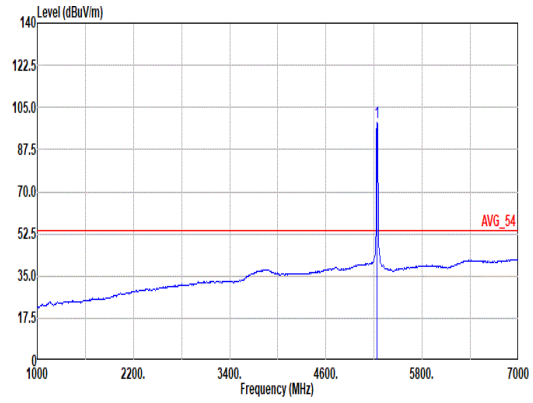
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5409.60 49.32 74.00 -24.68 38.83 32.22 13.33 35.06 0.00 242 222 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5381.76 38.96 54.00 -15.04 28.42 32.24 13.30 35.00 0.00 242 222 Average	Blank

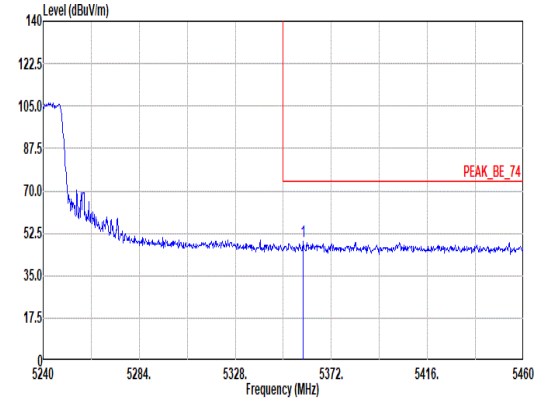
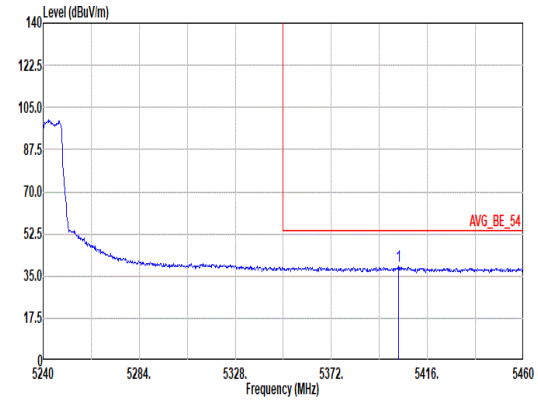
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5054.12 50.64 74.00 -23.36 39.43 32.60 12.92 34.31 0.00 271 210 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 106.19 ------ ------ 95.19 32.55 13.10 34.65 0.00 271 210 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5120.12 40.66 54.00 -13.34 29.47 32.64 13.00 34.45 0.00 271 210 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 96.55 ------ ------ 85.57 32.53 13.11 34.66 0.00 271 210 Average

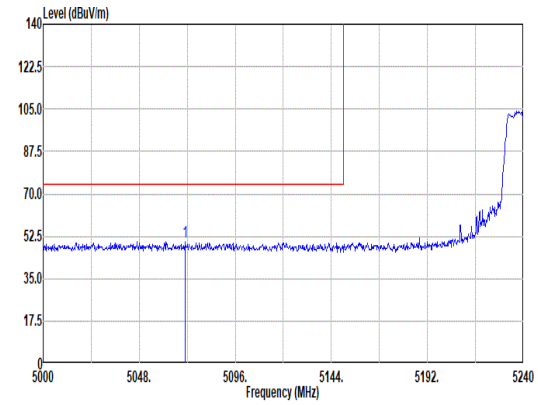
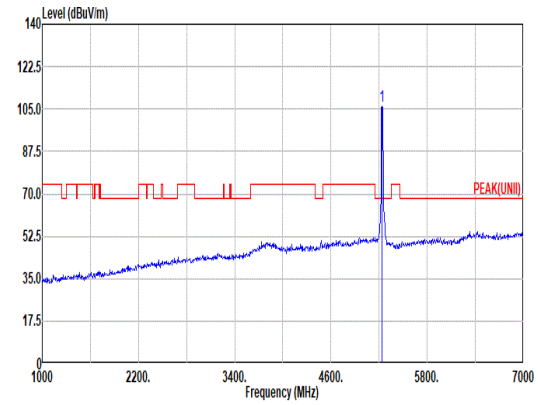
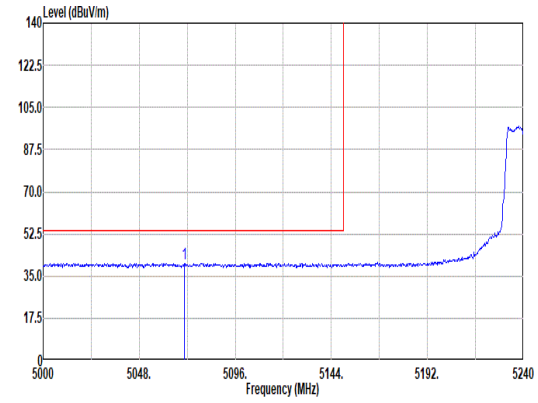
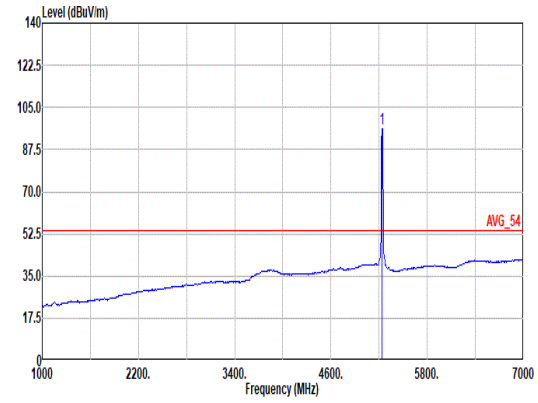
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5448.72 48.37 74.00 -25.63 37.83 32.30 13.38 35.14 0.00 271 210 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5351.04 38.09 54.00 -15.91 27.47 32.30 13.26 34.94 0.00 271 210 Average	Blank

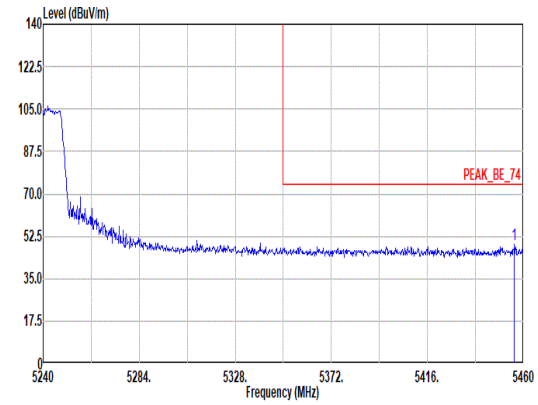
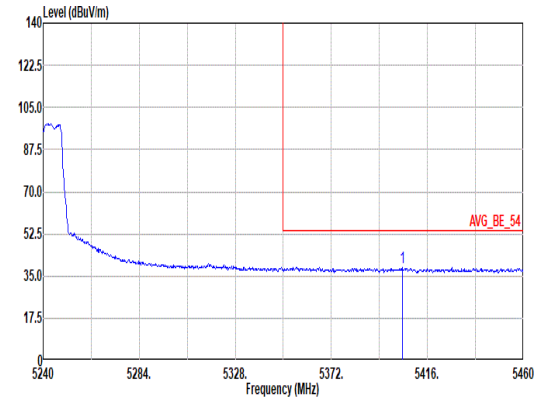
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 49.80 68.20 -18.40 33.18 37.20 18.61 39.99 0.80 -- -- Peak 2 15660.00 52.57 74.00 -21.43 34.16 40.52 22.88 45.57 0.58 -- -- Peak 3 15660.00 42.80 54.00 -11.20 24.39 40.52 22.88 45.57 0.58 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 49.07 68.20 -19.13 32.45 37.20 18.61 39.99 0.80 -- -- Peak 2 15660.00 52.68 74.00 -21.32 34.27 40.52 22.88 45.57 0.58 -- -- Peak 3 15660.00 43.13 54.00 -10.87 24.72 40.52 22.88 45.57 0.58 -- -- Average

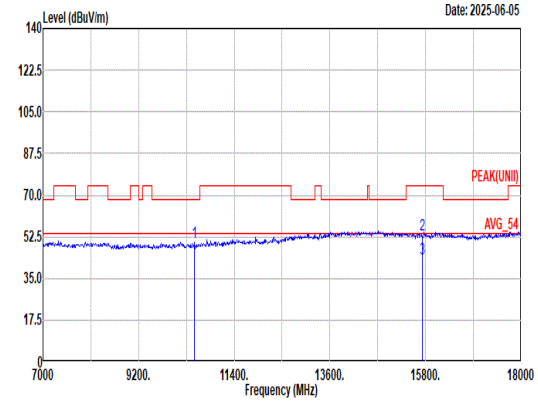
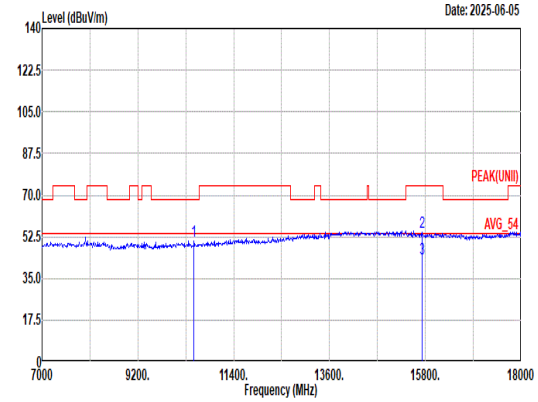
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL

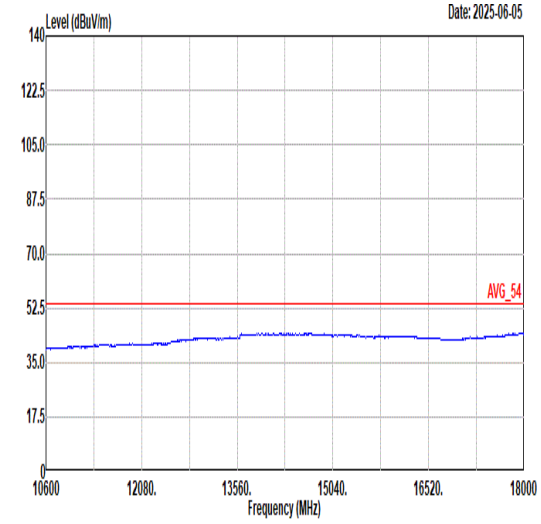
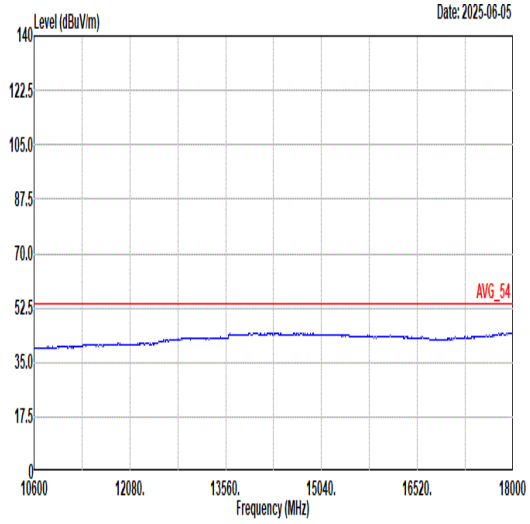
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5040.80 50.59 74.00 -23.41 39.33 32.64 12.91 34.29 0.00 343 221 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 109.46 ------ ------ 98.57 32.46 13.13 34.70 0.00 343 221 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5082.56 40.98 54.00 -13.02 29.80 32.60 12.95 34.37 0.00 343 221 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 99.00 ------ ------ 88.11 32.46 13.13 34.70 0.00 343 221 Average

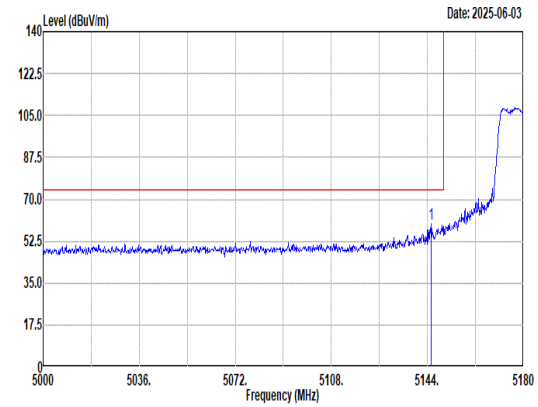
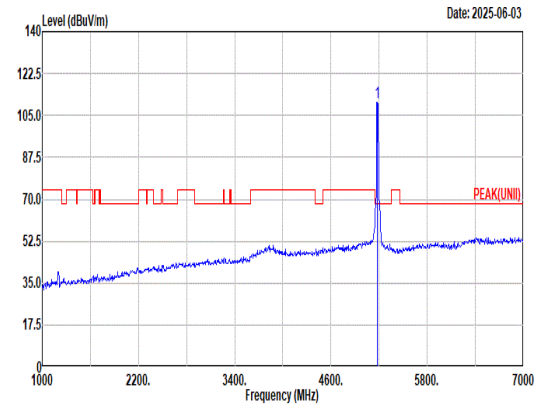
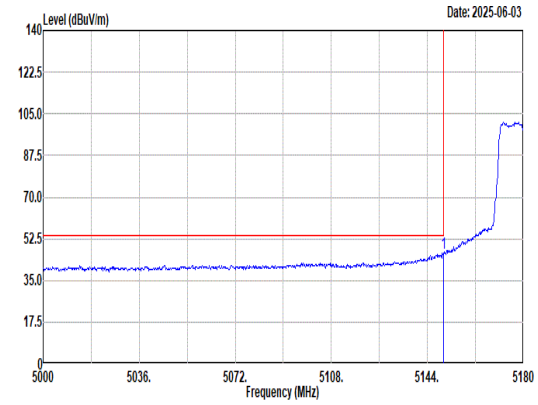
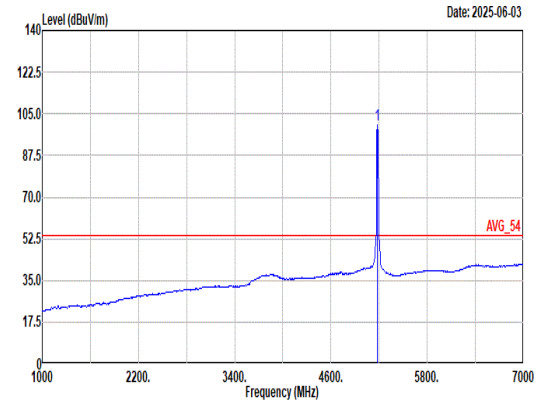
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5359.24 49.19 74.00 -24.81 38.59 32.28 13.27 34.95 0.00 343 221 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5402.80 38.88 54.00 -15.12 28.40 32.21 13.32 35.05 0.00 343 221 Average	Blank

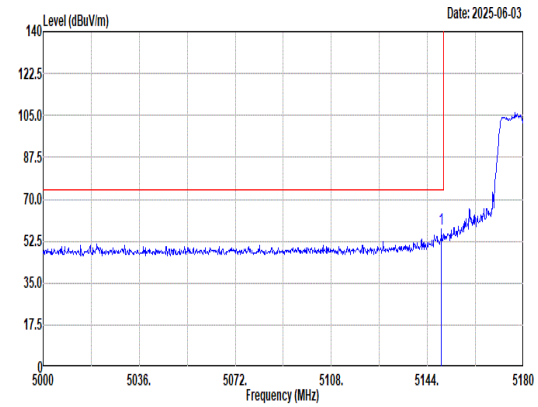
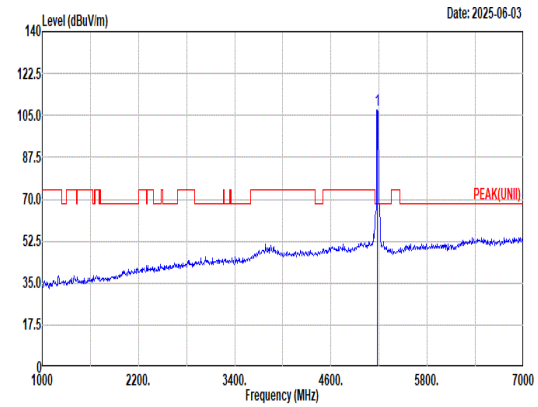
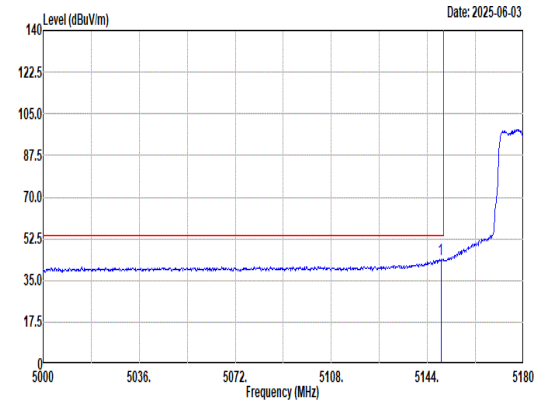
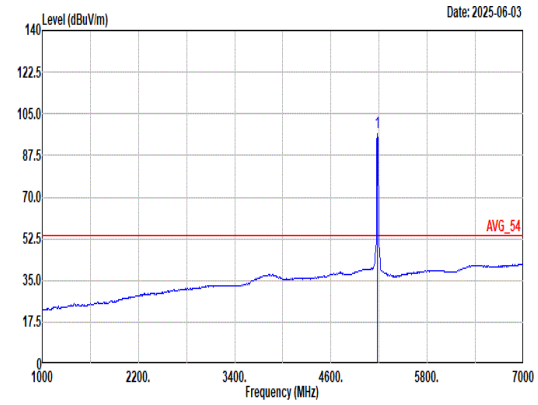
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5071.04 50.05 74.00 -23.95 38.86 32.60 12.94 34.35 0.00 256 201 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 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 5240.00 106.43 ------ ------ 95.54 32.46 13.13 34.70 0.00 256 201 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5070.56 40.40 54.00 -13.60 29.21 32.60 12.94 34.35 0.00 256 201 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 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 5240.00 95.99 ------ ------ 85.10 32.46 13.13 34.70 0.00 256 201 Average

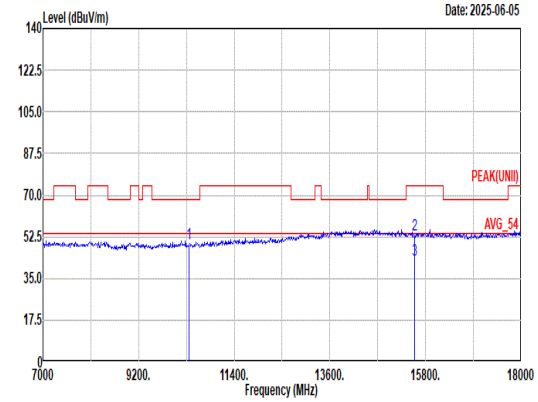
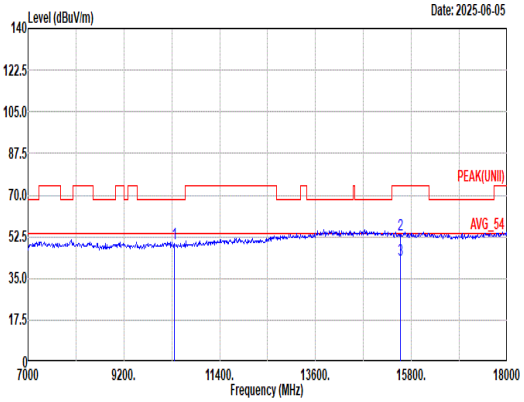
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5455.82 48.89 74.00 -25.11 38.34 32.33 13.38 35.16 0.00 256 201 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5404.56 38.52 54.00 -15.48 31.00 32.21 13.33 38.02 0.00 256 201 Average	Blank

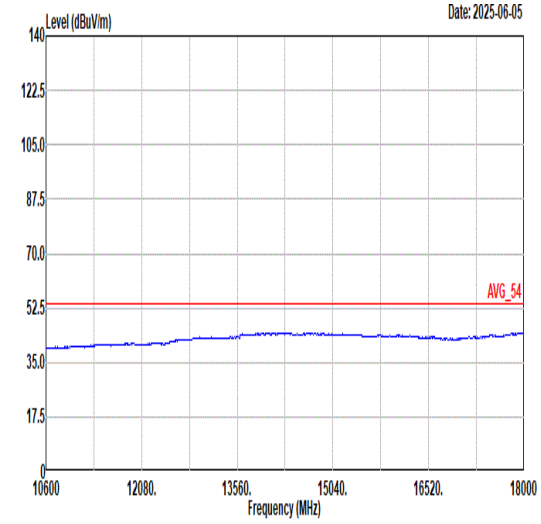
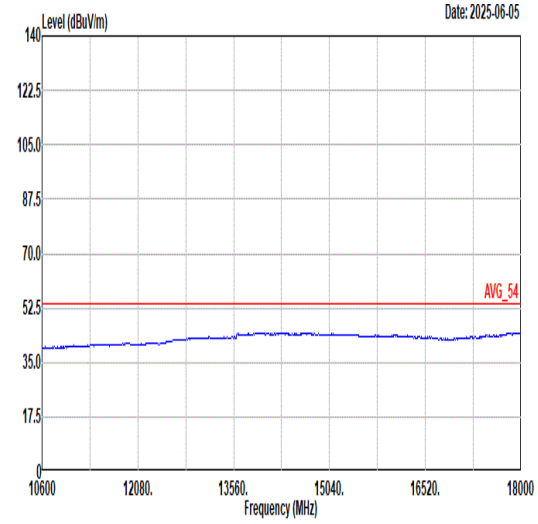
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 50.29 68.20 -17.91 33.65 37.26 18.64 40.06 0.80 -- -- Peak 2 15720.00 53.46 74.00 -20.54 34.88 40.72 22.93 45.64 0.57 -- -- Peak 3 15720.00 43.17 54.00 -10.83 24.59 40.72 22.93 45.64 0.57 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 50.50 68.20 -17.70 33.86 37.26 18.64 40.06 0.80 -- -- Peak 2 15720.00 54.60 74.00 -19.40 36.02 40.72 22.93 45.64 0.57 -- -- Peak 3 15720.00 43.22 54.00 -10.78 24.64 40.72 22.93 45.64 0.57 -- -- Average

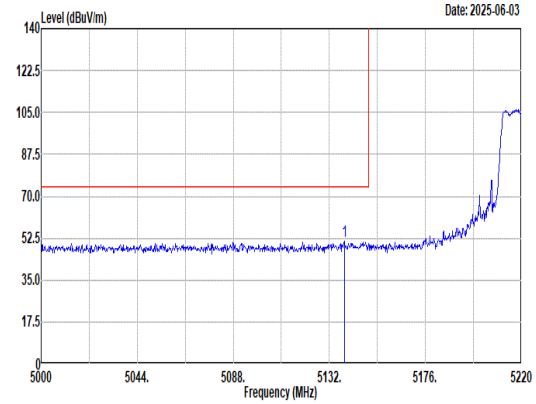
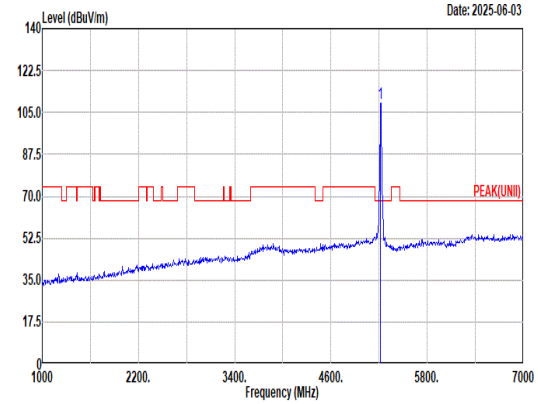
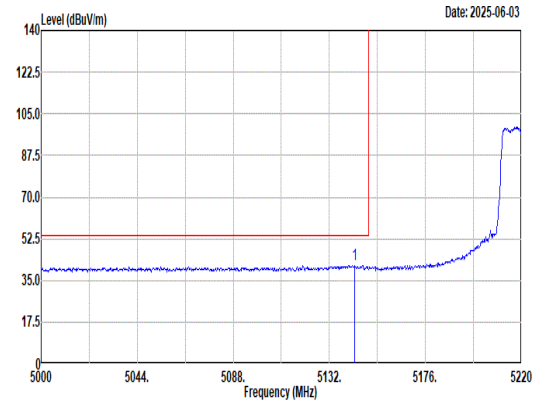
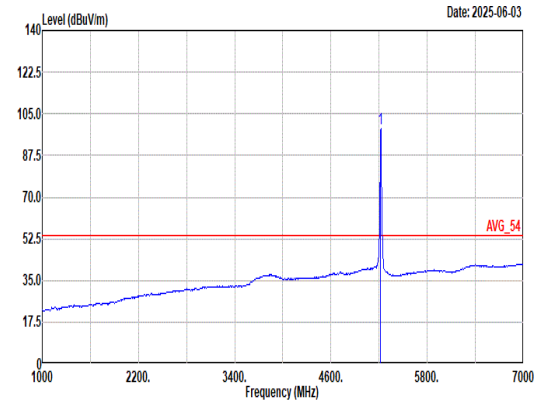
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL

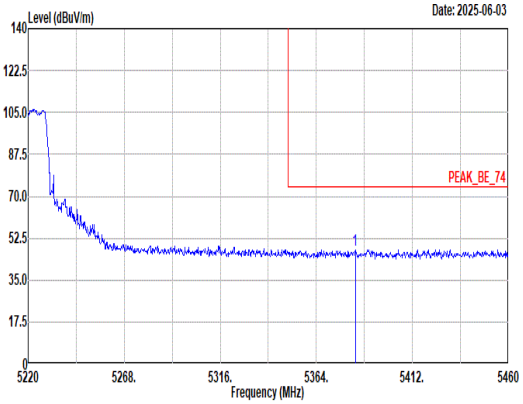
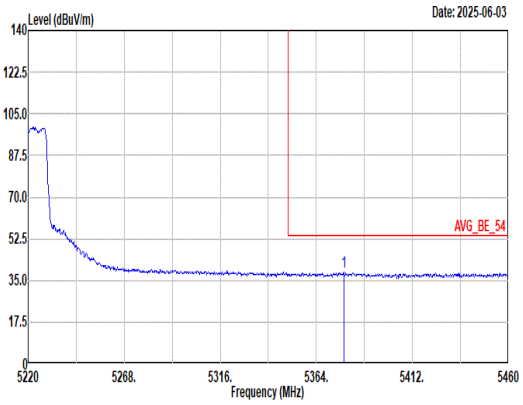
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5145.44 59.63 74.00 -14.37 48.42 32.69 13.03 34.51 0.00 229 243 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 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 5180.00 110.66 ------ ------ 99.52 32.65 13.06 34.57 0.00 229 243 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.94 46.70 54.00 -7.30 35.48 32.70 13.03 34.51 0.00 229 243 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 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 5180.00 100.28 ------ ------ 89.14 32.65 13.06 34.57 0.00 229 243 Average

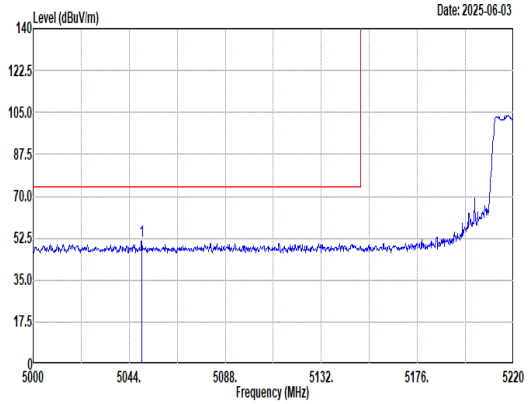
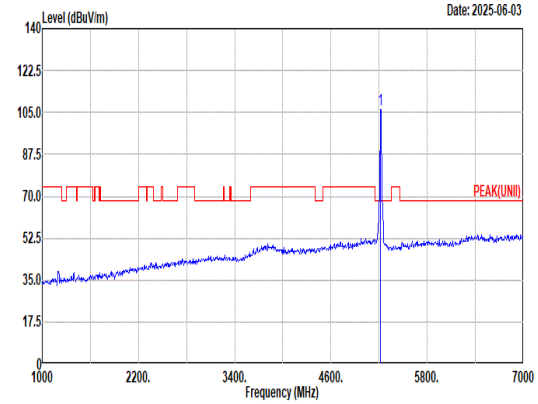
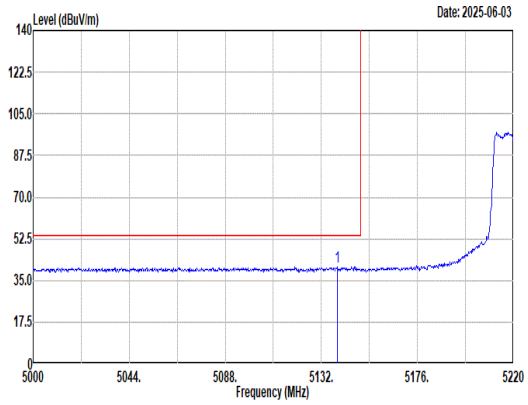
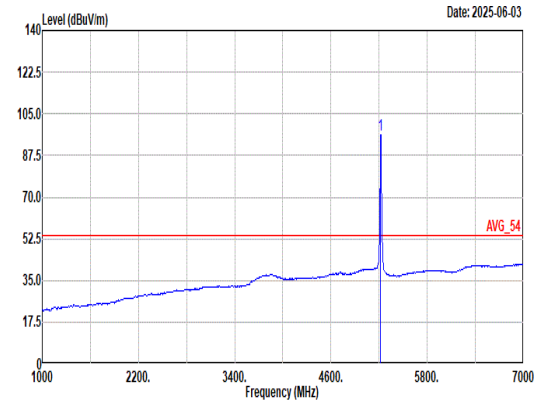
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.22 57.49 74.00 -16.51 46.27 32.70 13.03 34.51 0.00 245 197 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 107.41 ------ ------ 96.27 32.65 13.06 34.57 0.00 245 197 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.04 43.99 54.00 -10.01 32.77 32.70 13.03 34.51 0.00 245 197 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 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 96.99 ------ ------ 85.85 32.65 13.06 34.57 0.00 245 197 Average

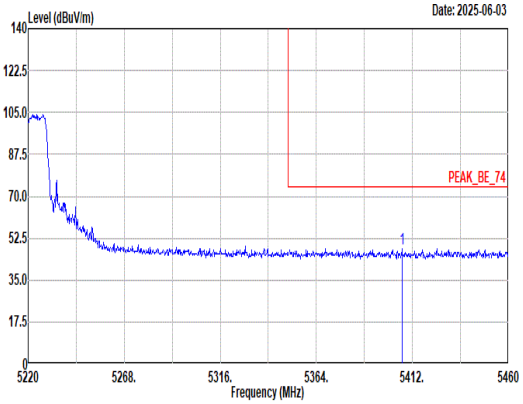
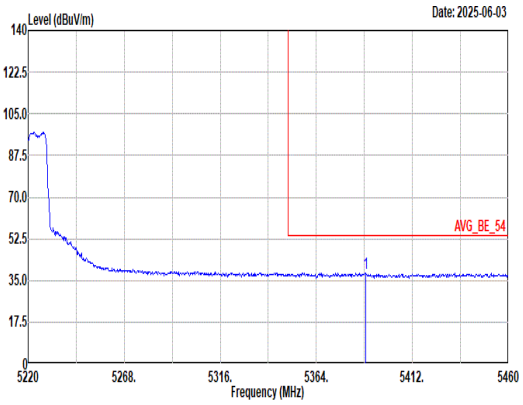
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL 1 10360.00 49.40 68.20 -18.80 32.55 37.36 18.54 39.85 0.80 -- -- Peak 2 15540.00 53.45 74.00 -20.55 34.76 40.72 22.79 45.42 0.60 -- -- Peak 3 15540.00 43.00 54.00 -11.00 24.31 40.72 22.79 45.42 0.60 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL 1 10360.00 49.67 68.20 -18.53 32.82 37.36 18.54 39.85 0.80 -- -- Peak 2 15540.00 53.61 74.00 -20.39 34.92 40.72 22.79 45.42 0.60 -- -- Peak 3 15540.00 43.04 54.00 -10.96 24.35 40.72 22.79 45.42 0.60 -- -- Average

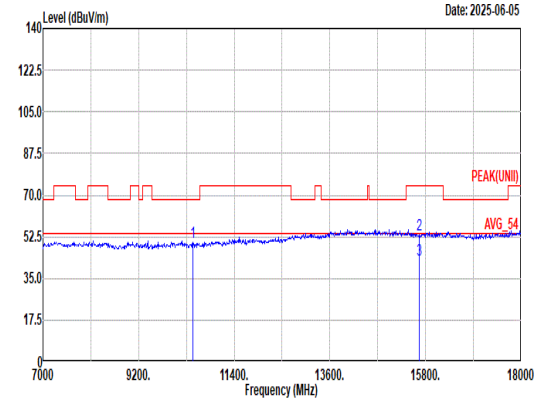
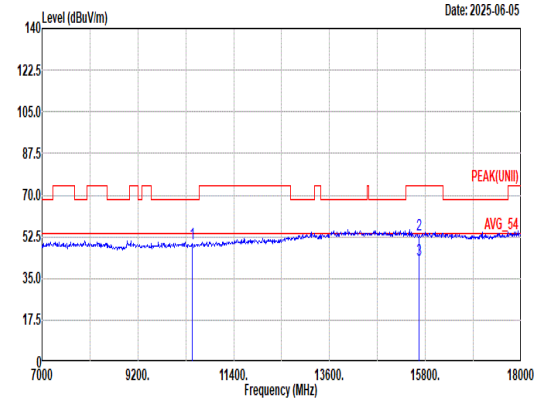
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL

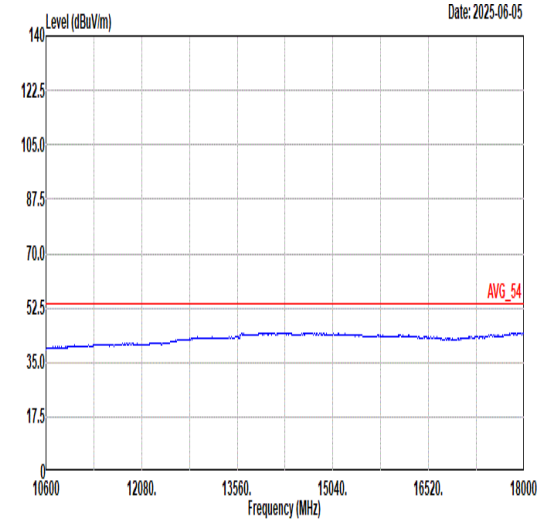
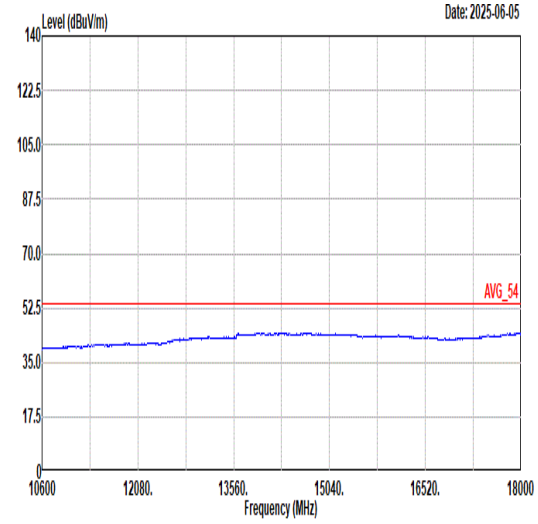
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5138.82 51.24 74.00 -22.76 40.03 32.68 13.02 34.49 0.00 300 250 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 109.08 ------ ------ 98.10 32.53 13.11 34.66 0.00 300 250 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5143.44 41.52 54.00 -12.48 30.31 32.69 13.02 34.50 0.00 300 250 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 98.67 ------ ------ 87.72 32.50 13.12 34.67 0.00 300 250 Average

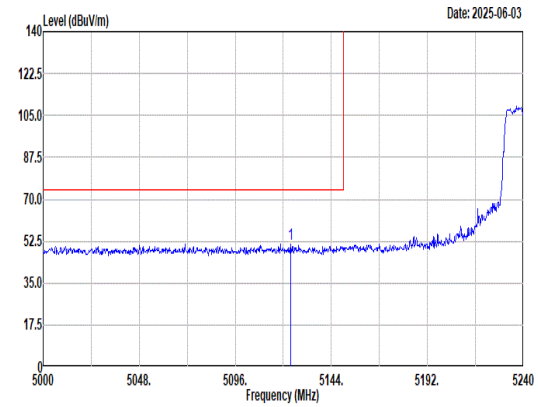
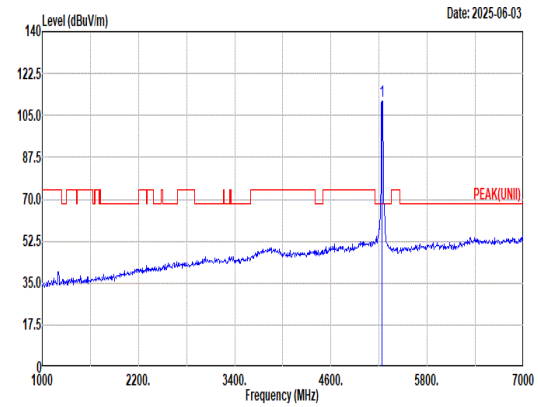
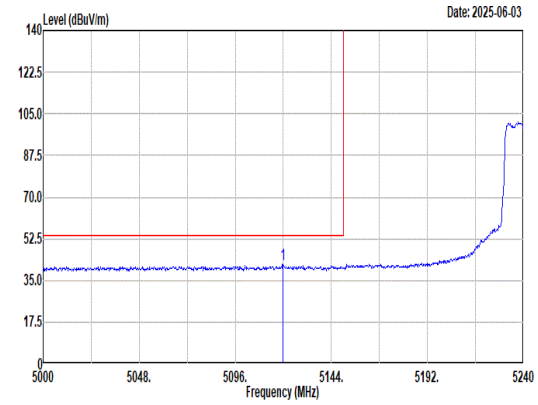
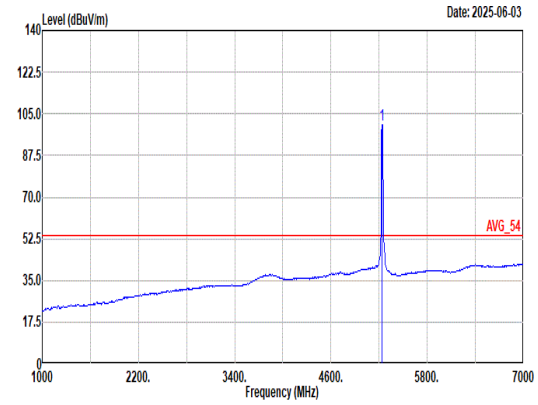
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5383.44 47.78 74.00 -26.22 37.26 32.23 13.30 35.01 0.00 300 250 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5377.68 38.46 54.00 -15.54 27.92 32.24 13.29 34.99 0.00 300 250 Average	Blank

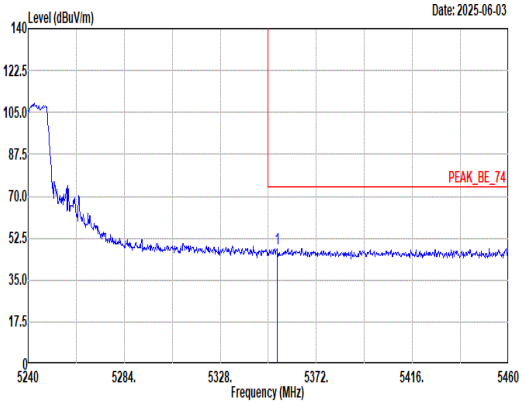
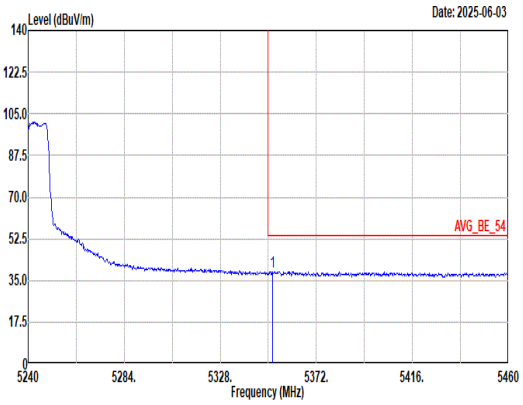
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5049.72 51.15 74.00 -22.85 39.93 32.60 12.92 34.30 0.00 234 191 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 106.25 ------ ------ 95.27 32.53 13.11 34.66 0.00 234 191 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5139.26 40.71 54.00 -13.29 29.50 32.68 13.02 34.49 0.00 234 191 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 96.19 ------ ------ 85.24 32.50 13.12 34.67 0.00 234 191 Average

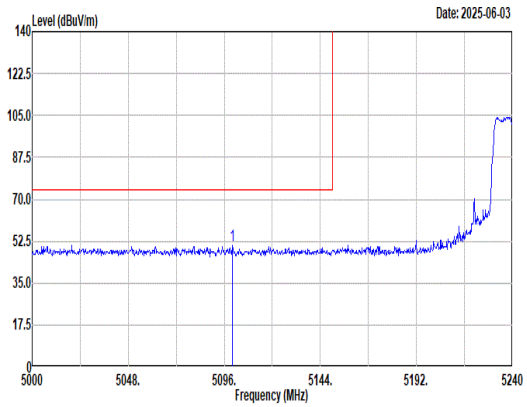
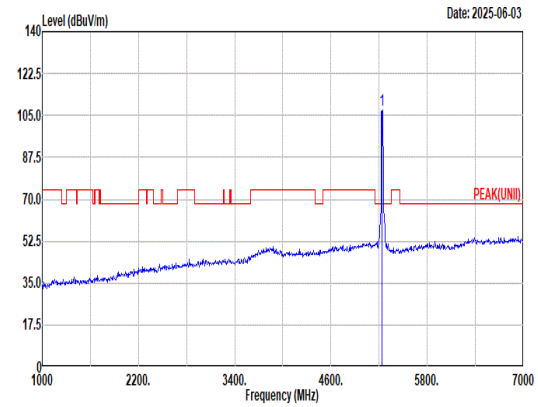
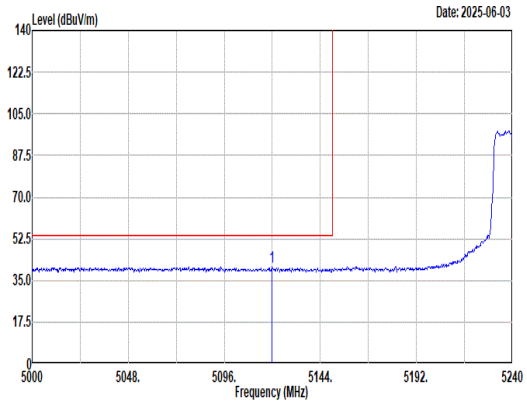
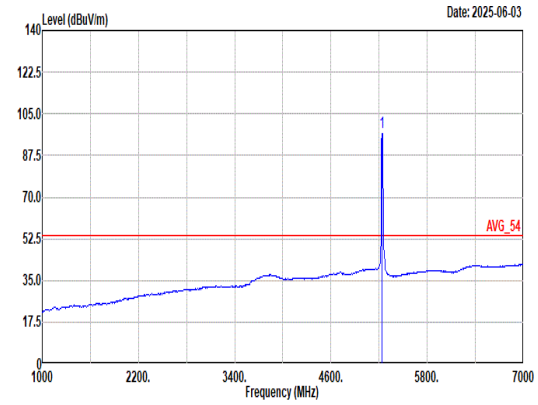
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5406.72 48.30 74.00 -25.70 37.81 32.21 13.33 35.05 0.00 234 191 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5388.72 38.21 54.00 -15.79 27.70 32.22 13.31 35.02 0.00 234 191 Average	Blank

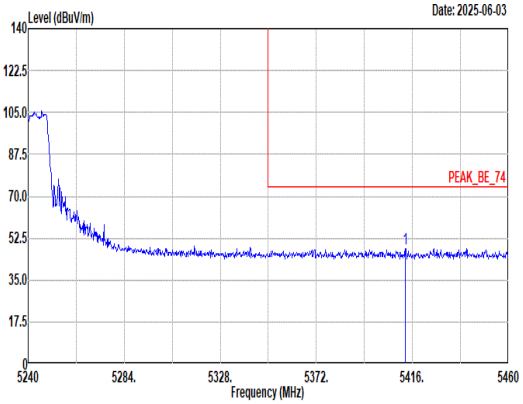
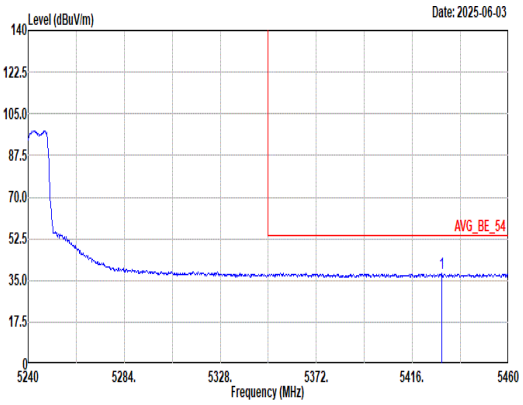
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 50.07 68.20 -18.13 33.45 37.20 18.61 39.99 0.80 -- -- Peak 2 15660.00 53.13 74.00 -20.87 34.72 40.52 22.88 45.57 0.58 -- -- Peak 3 15660.00 42.92 54.00 -11.08 24.51 40.52 22.88 45.57 0.58 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 49.90 68.20 -18.30 33.28 37.20 18.61 39.99 0.80 -- -- Peak 2 15660.00 53.16 74.00 -20.84 34.75 40.52 22.88 45.57 0.58 -- -- Peak 3 15660.00 42.77 54.00 -11.23 24.36 40.52 22.88 45.57 0.58 -- -- Average

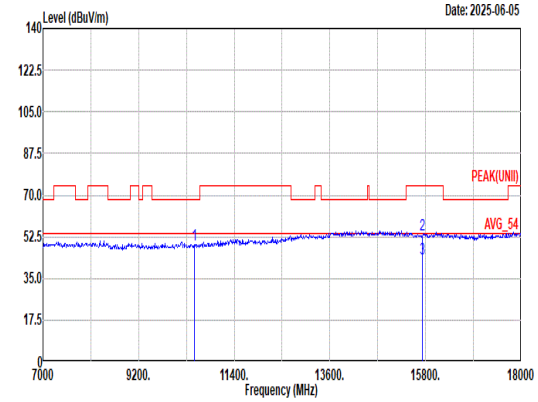
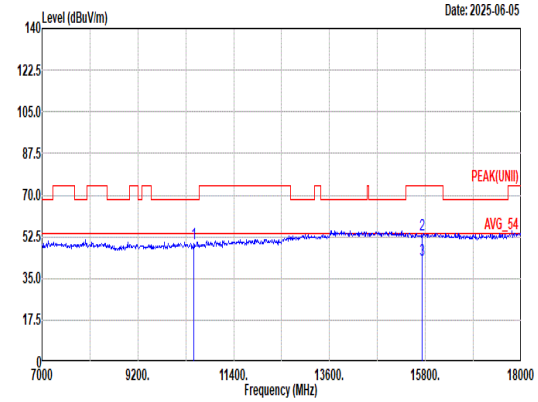
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL

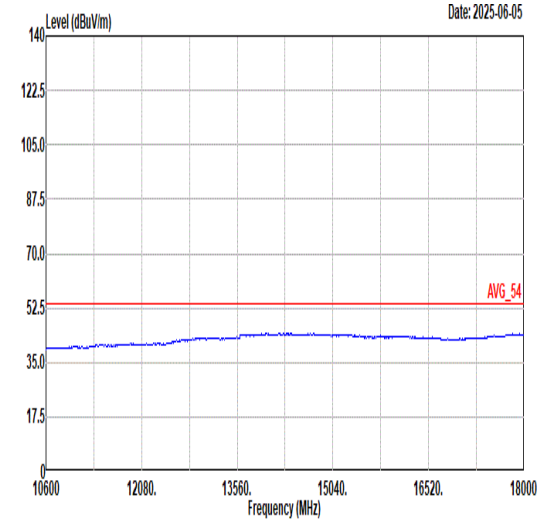
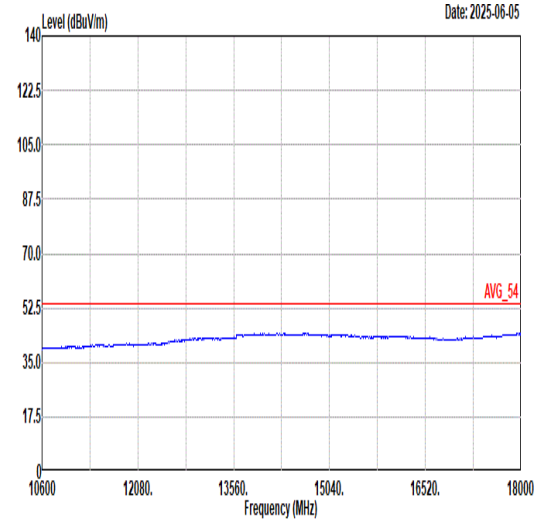
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5123.84 51.21 74.00 -22.79 40.02 32.65 13.00 34.46 0.00 242 243 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 110.77 ------ ------ 99.91 32.43 13.14 34.71 0.00 242 243 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5120.00 41.67 54.00 -12.33 30.48 32.64 13.00 34.45 0.00 242 243 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 100.51 ------ ------ 89.65 32.43 13.14 34.71 0.00 242 243 Average

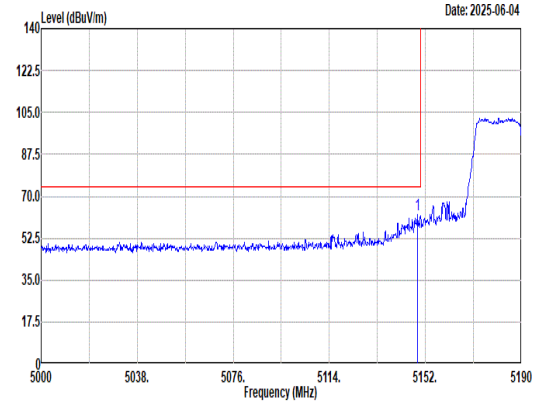
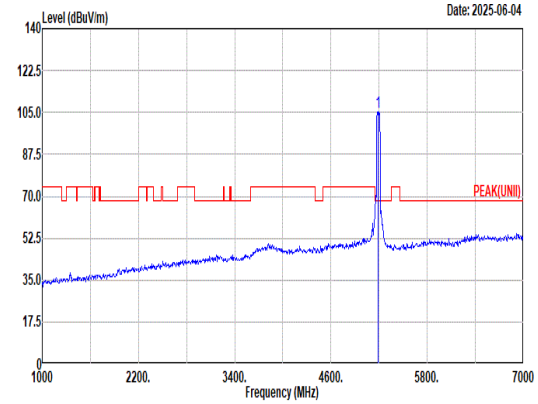
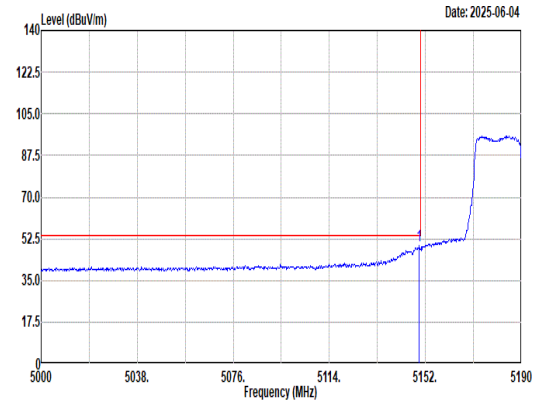
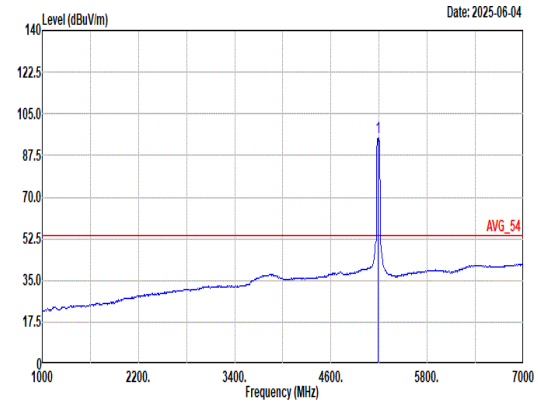
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.96 48.20 74.00 -25.80 37.58 32.29 13.27 34.94 0.00 242 243 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.98 38.78 54.00 -15.22 28.16 32.30 13.26 34.94 0.00 242 243 Average	Blank

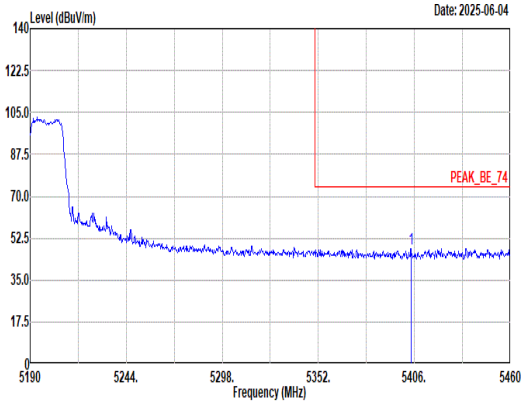
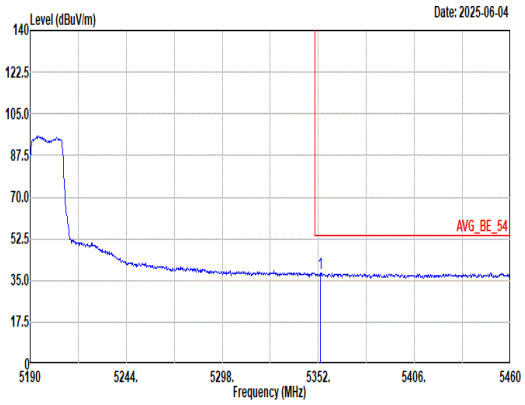
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5100.08 50.61 74.00 -23.39 39.44 32.60 12.98 34.41 0.00 265 195 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 107.23 ------ ------ 96.39 32.41 13.15 34.72 0.00 265 195 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5120.00 40.62 54.00 -13.38 29.43 32.64 13.00 34.45 0.00 265 195 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 96.96 ------ ------ 86.10 32.43 13.14 34.71 0.00 265 195 Average

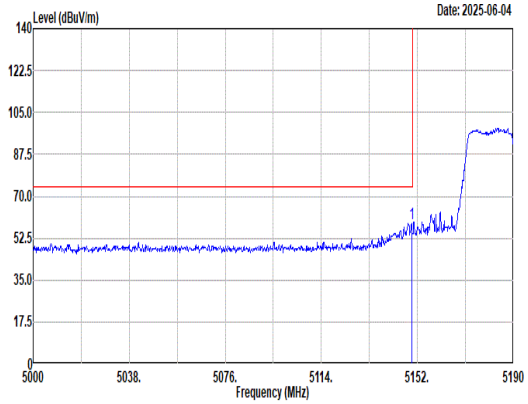
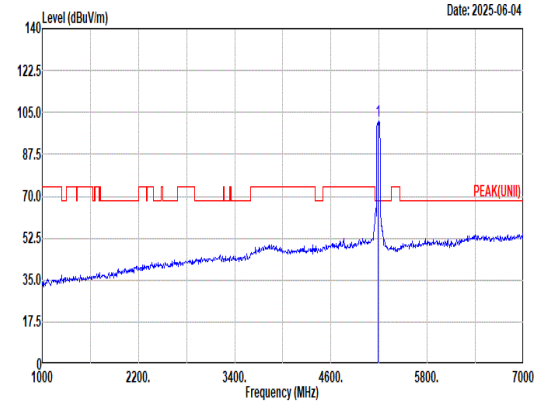
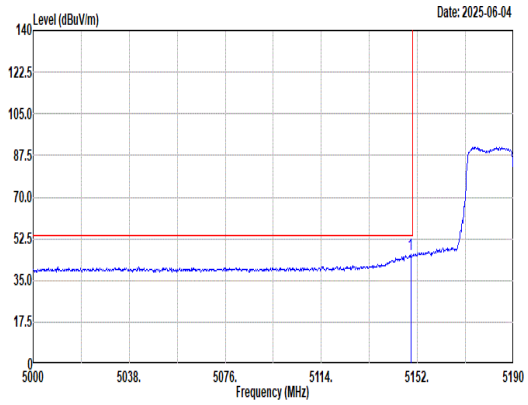
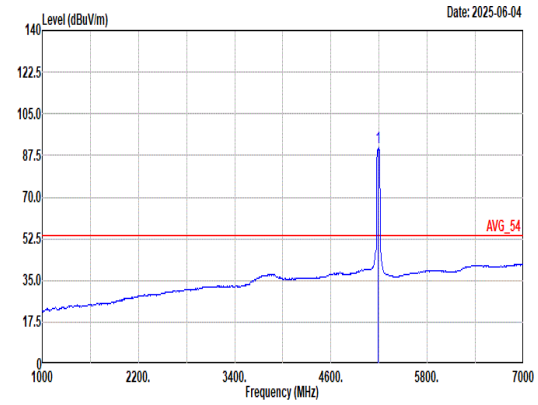
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5412.70 48.18 74.00 -25.82 37.69 32.23 13.33 35.07 0.00 265 195 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5429.42 37.95 54.00 -16.05 27.44 32.26 13.35 35.10 0.00 265 195 Average	Blank

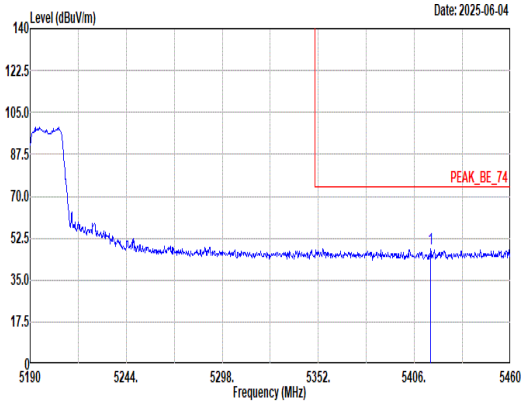
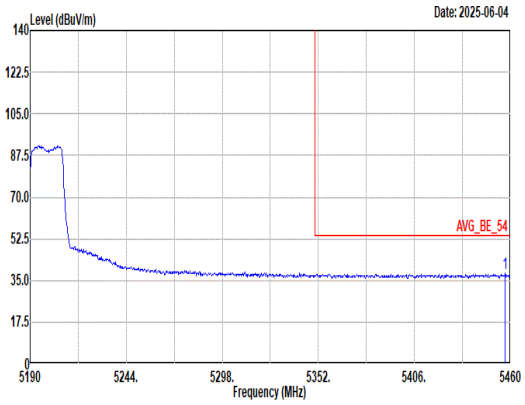
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 49.16 68.20 -19.04 32.52 37.26 18.64 40.06 0.80 -- -- Peak 2 15720.00 53.45 74.00 -20.55 34.87 40.72 22.93 45.64 0.57 -- -- Peak 3 15720.00 43.09 54.00 -10.91 24.51 40.72 22.93 45.64 0.57 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 49.52 68.20 -18.68 32.88 37.26 18.64 40.06 0.80 -- -- Peak 2 15720.00 53.56 74.00 -20.44 34.98 40.72 22.93 45.64 0.57 -- -- Peak 3 15720.00 42.97 54.00 -11.03 24.39 40.72 22.93 45.64 0.57 -- -- Average

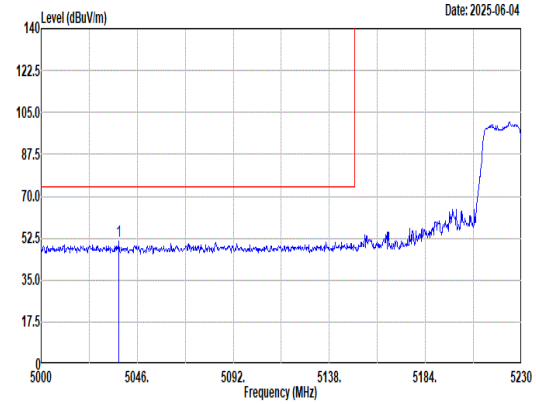
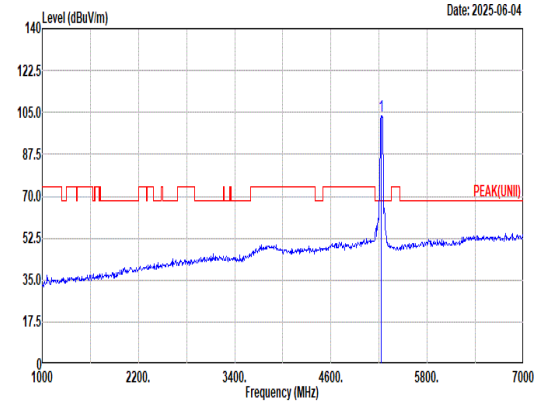
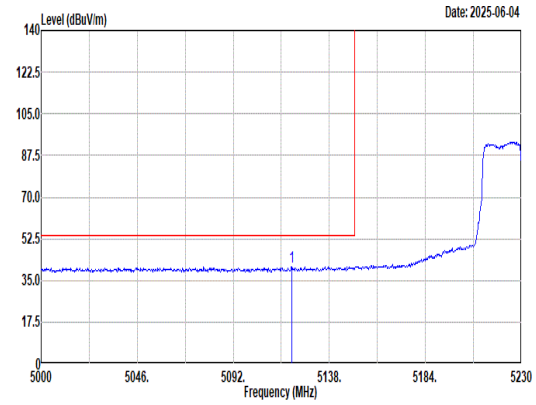
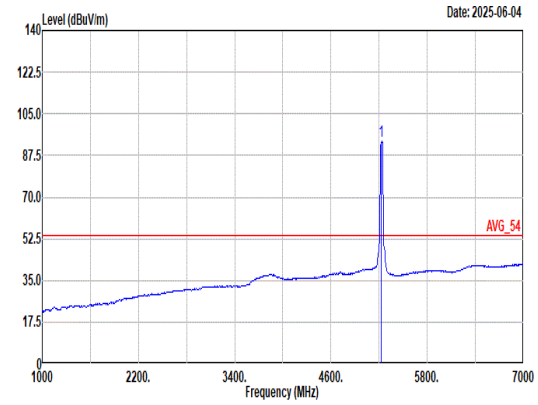
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL

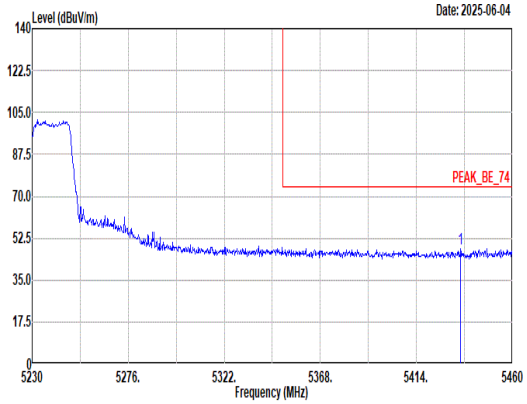
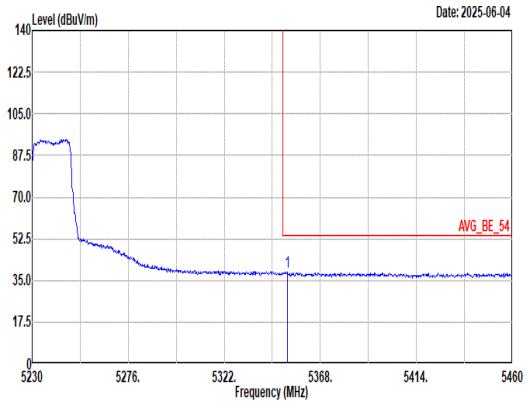
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.96 62.55 74.00 -11.45 51.33 32.70 13.03 34.51 0.00 237 262 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 105.20 ------ ------ 94.09 32.62 13.08 34.59 0.00 237 262 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.53 49.53 54.00 -4.47 38.31 32.70 13.03 34.51 0.00 237 262 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 94.97 ------ ------ 83.89 32.61 13.08 34.61 0.00 237 262 Average

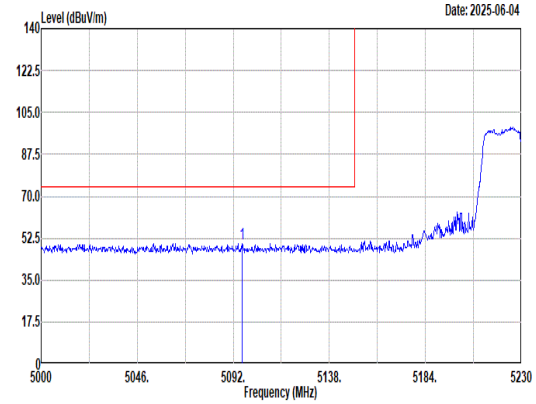
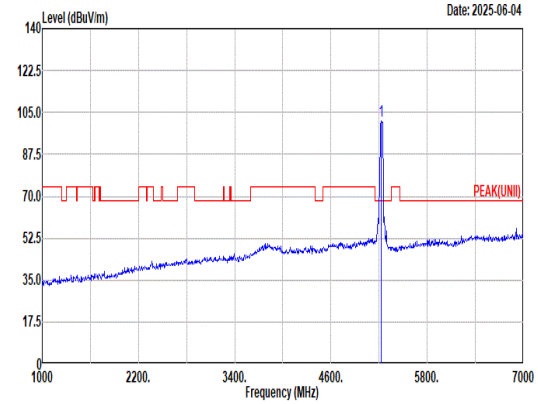
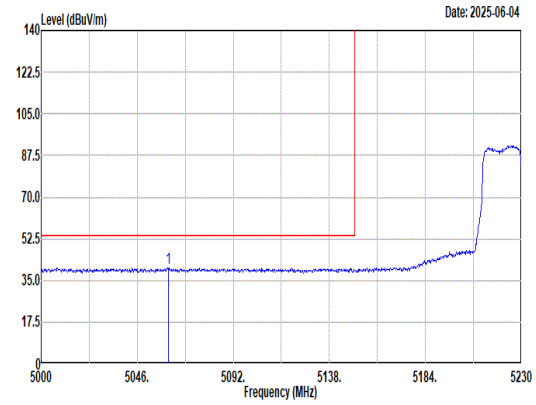
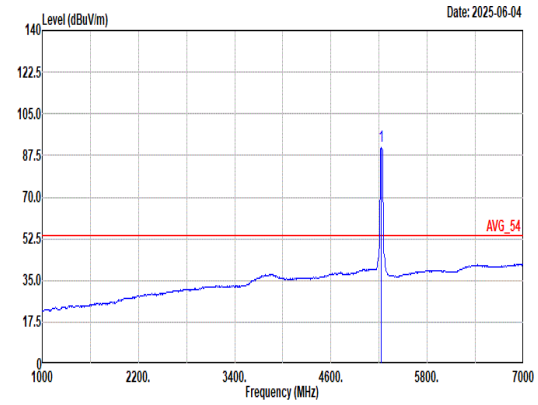
Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5404.11 48.33 74.00 -25.67 37.85 32.21 13.32 35.05 0.00 237 262 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5353.35 38.30 54.00 -15.70 27.68 32.29 13.27 34.94 0.00 237 262 Average	Blank

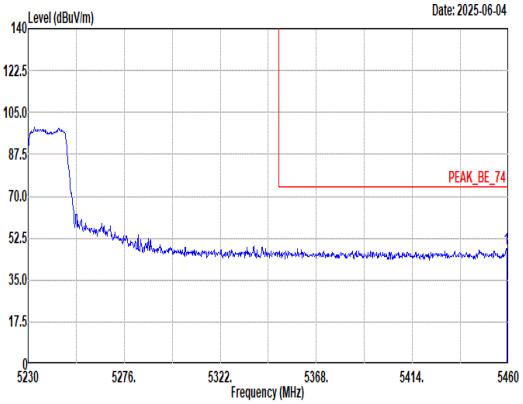
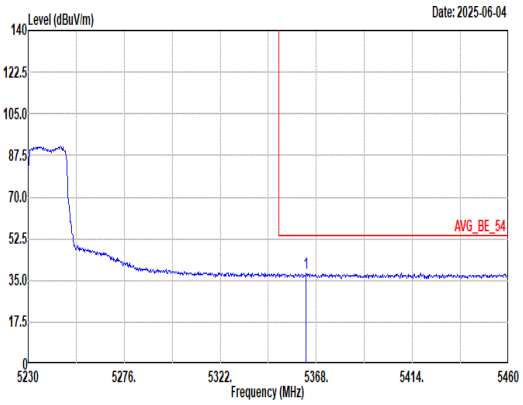
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.72 58.89 74.00 -15.11 47.67 32.70 13.03 34.51 0.00 278 217 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 101.52 ------ ------ 90.44 32.61 13.08 34.61 0.00 278 217 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.34 45.86 54.00 -8.14 34.64 32.70 13.03 34.51 0.00 278 217 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 90.98 ------ ------ 79.90 32.61 13.08 34.61 0.00 278 217 Average

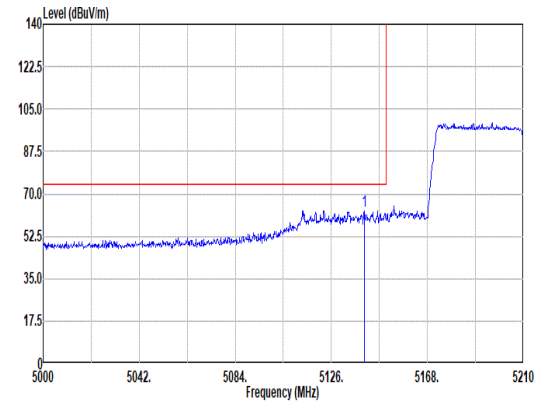
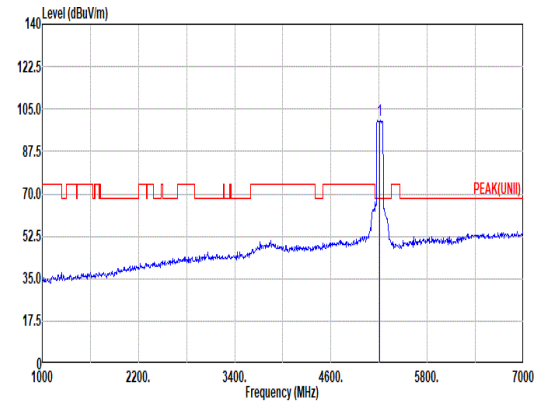
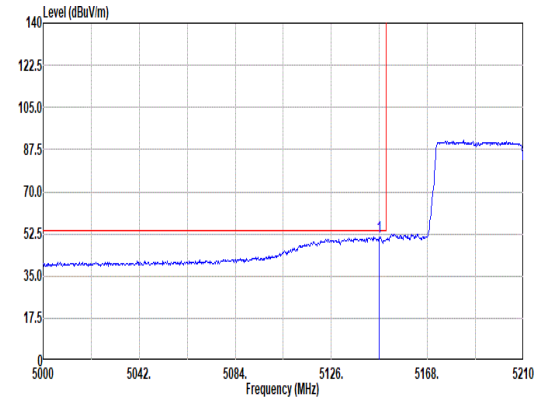
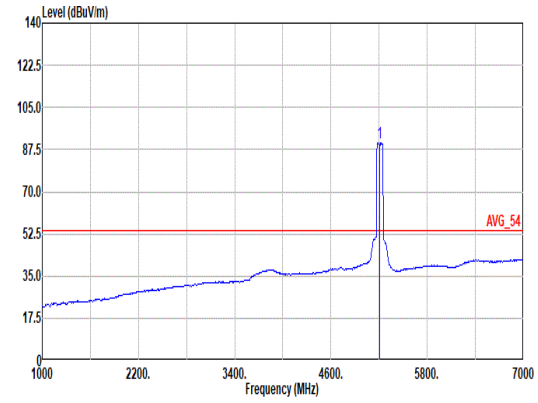
Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5415.18 48.30 74.00 -25.70 37.80 32.23 13.34 35.07 0.00 278 217 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5457.03 38.05 54.00 -15.95 27.48 32.34 13.39 35.16 0.00 278 217 Average	Blank

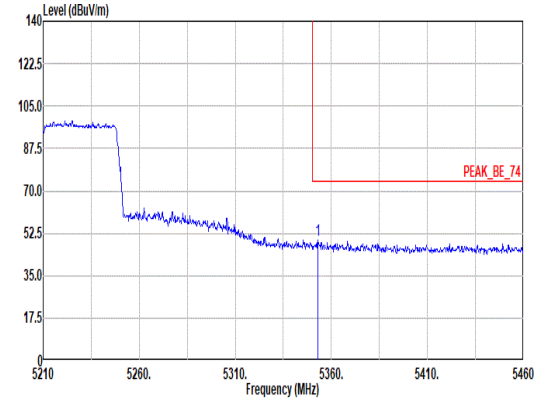
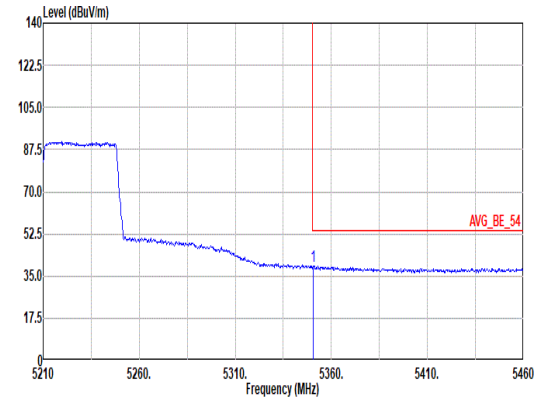
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5037.26 51.32 74.00 -22.68 40.05 32.65 12.90 34.28 0.00 400 214 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 103.53 ------ ------ 92.64 32.46 13.13 34.70 0.00 400 214 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5120.06 40.70 54.00 -13.30 29.51 32.64 13.00 34.45 0.00 400 214 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 93.48 ------ ------ 82.59 32.46 13.13 34.70 0.00 400 214 Average

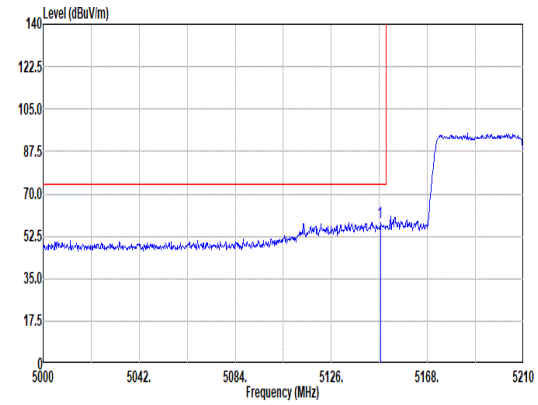
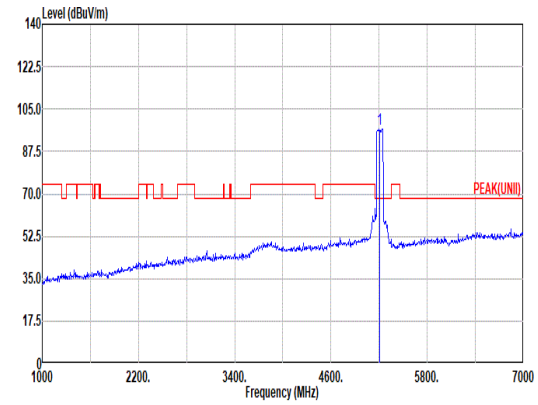
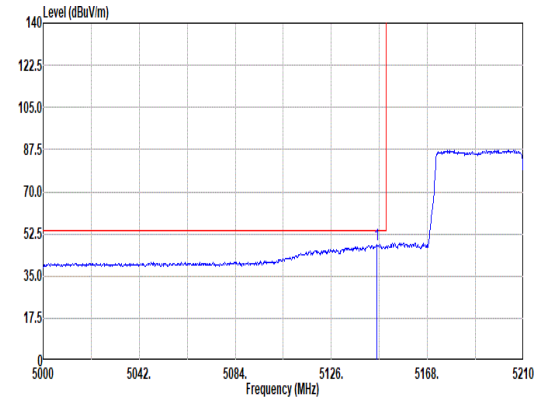
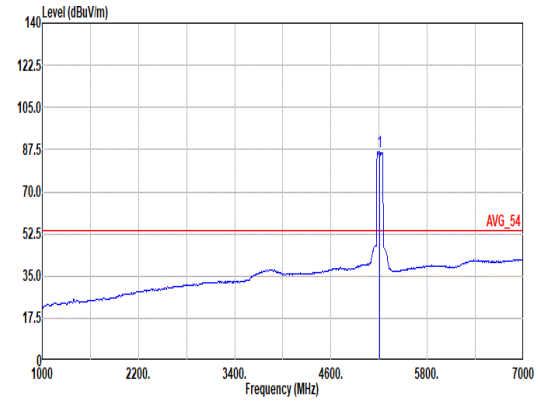
Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5435.16 48.33 74.00 -25.67 37.81 32.27 13.36 35.11 0.00 400 214 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5352.13 38.66 54.00 -15.34 28.04 32.30 13.26 34.94 0.00 400 214 Average	Blank

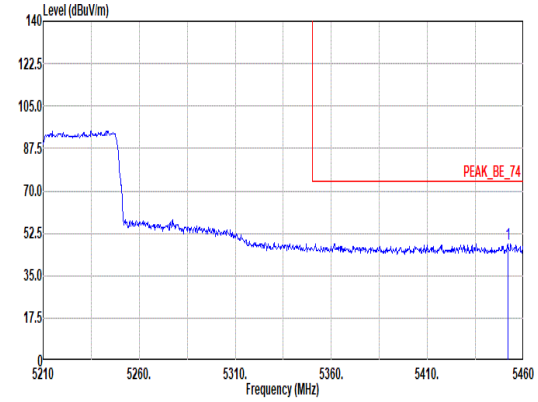
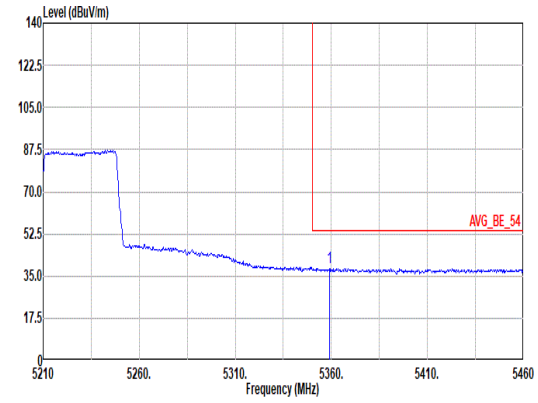
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5096.37 50.43 74.00 -23.57 39.26 32.60 12.97 34.40 0.00 300 210 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 101.50 ------ ------ 90.55 32.50 13.12 34.67 0.00 300 210 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5060.95 40.31 54.00 -13.69 29.11 32.60 12.93 34.33 0.00 300 210 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 91.22 ------ ------ 80.27 32.50 13.12 34.67 0.00 300 210 Average

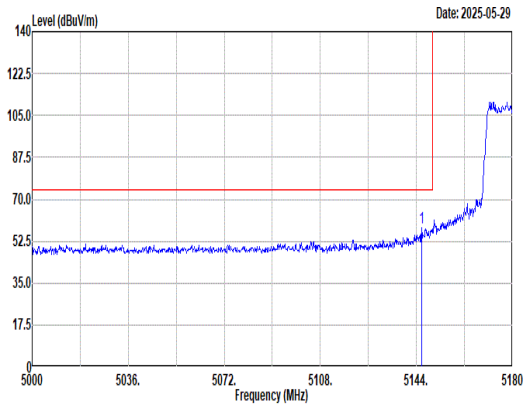
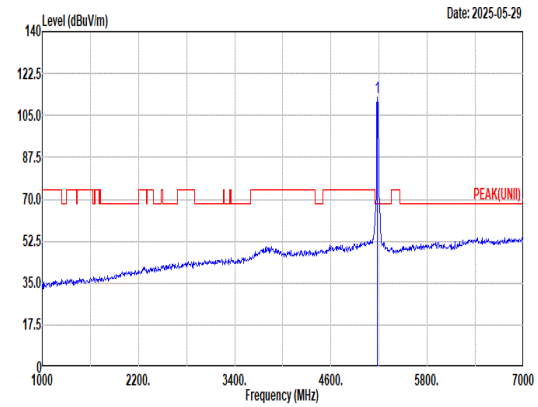
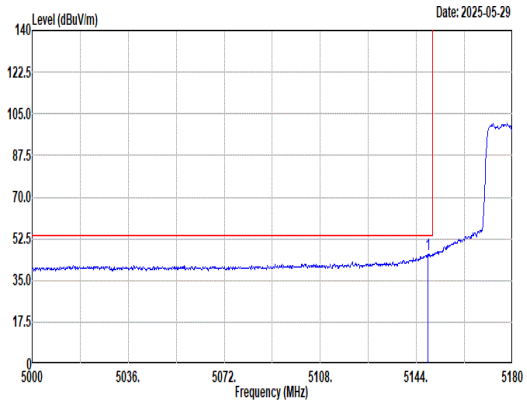
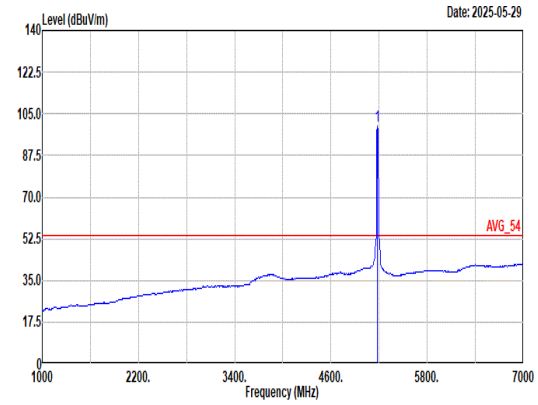
Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5459.08 48.30 74.00 -25.70 37.72 32.35 13.39 35.16 0.00 300 210 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5363.17 38.07 54.00 -15.93 27.48 32.27 13.28 34.96 0.00 300 210 Average	Blank

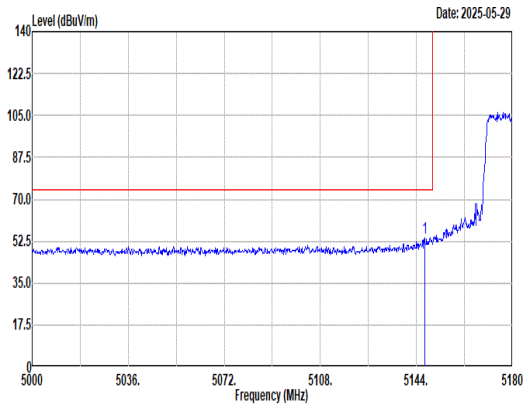
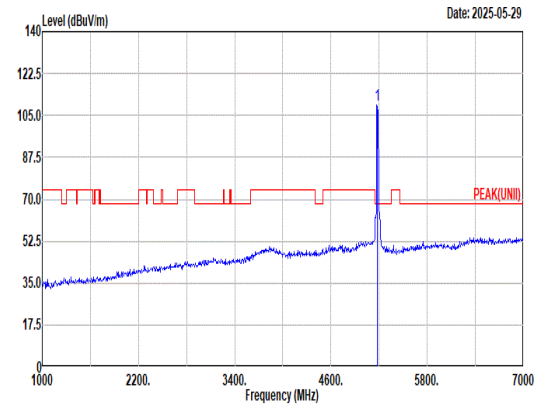
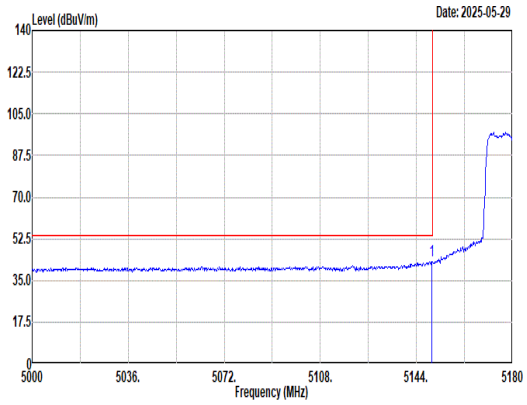
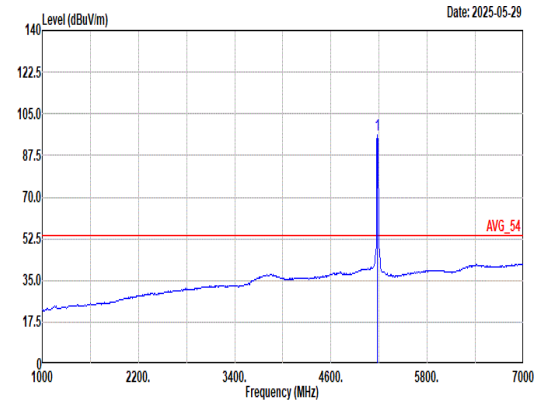
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5140.49 63.04 74.00 -10.96 51.84 32.68 13.02 34.50 0.00 246 260 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 100.47 ------ ------ 89.33 32.65 13.06 34.57 0.00 246 260 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5146.79 51.31 54.00 -2.69 40.10 32.69 13.03 34.51 0.00 246 260 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 90.44 ------ ------ 79.30 32.65 13.06 34.57 0.00 246 260 Average

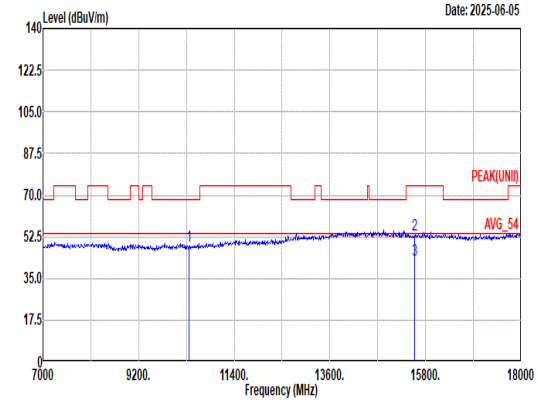
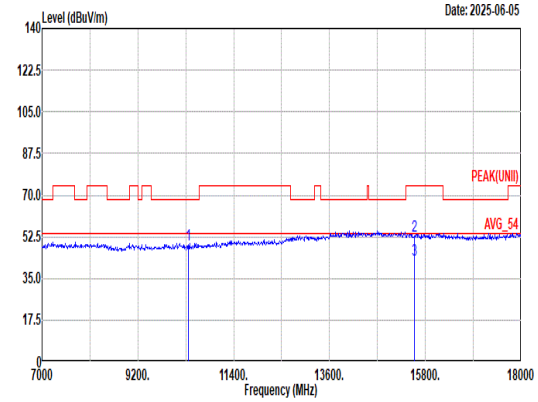
Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.00 49.87 74.00 -24.13 39.25 32.29 13.27 34.94 0.00 246 260 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5350.75 39.26 54.00 -14.74 28.64 32.30 13.26 34.94 0.00 246 260 Average	Blank

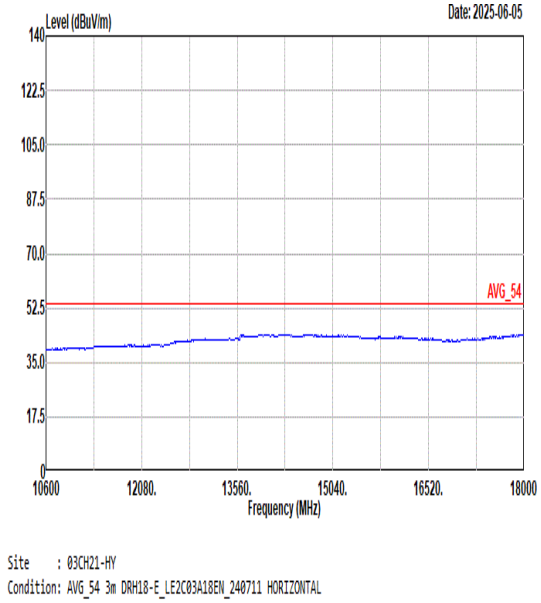
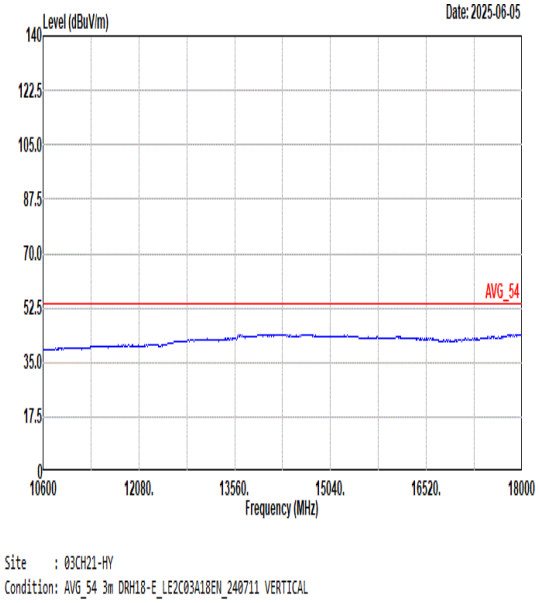
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5147.42 58.28 74.00 -15.72 47.07 32.69 13.03 34.51 0.00 277 211 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 96.71 ------ ------ 85.82 32.46 13.13 34.70 0.00 277 211 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5145.95 48.16 54.00 -5.84 36.95 32.69 13.03 34.51 0.00 277 211 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 86.69 ------ ------ 75.64 32.58 13.10 34.63 0.00 277 211 Average

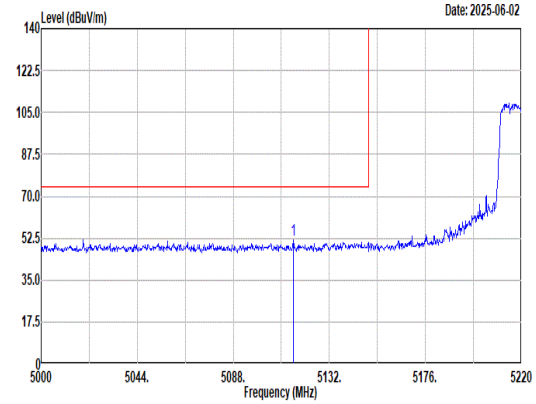
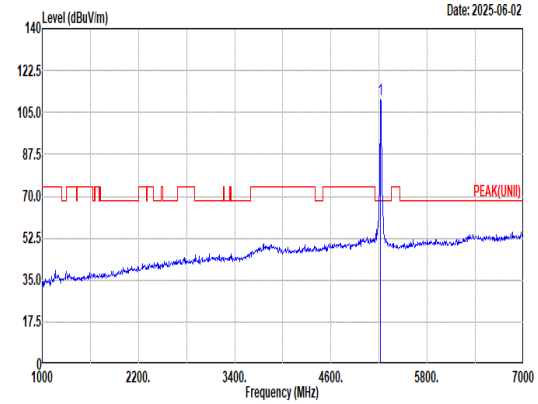
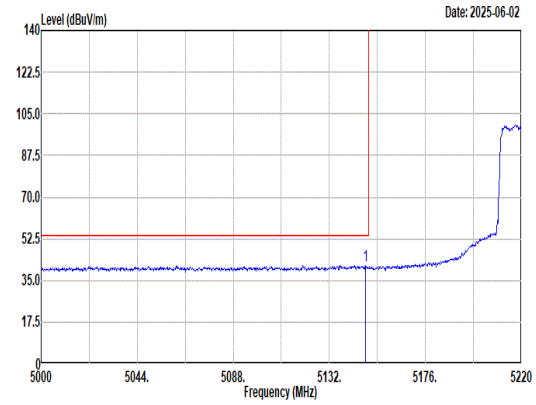
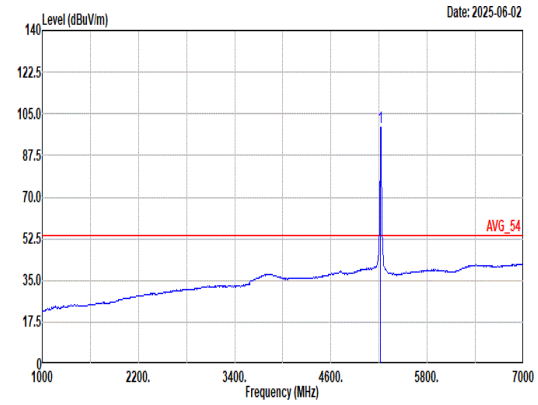
Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5451.75 48.25 74.00 -25.75 37.71 32.31 13.38 35.15 0.00 277 211 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5359.00 38.32 54.00 -15.68 27.72 32.28 13.27 34.95 0.00 277 211 Average	Blank

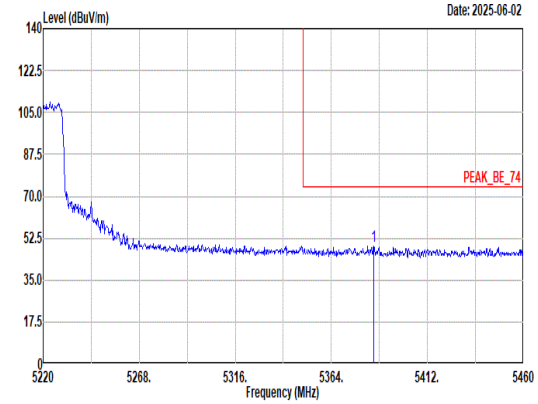
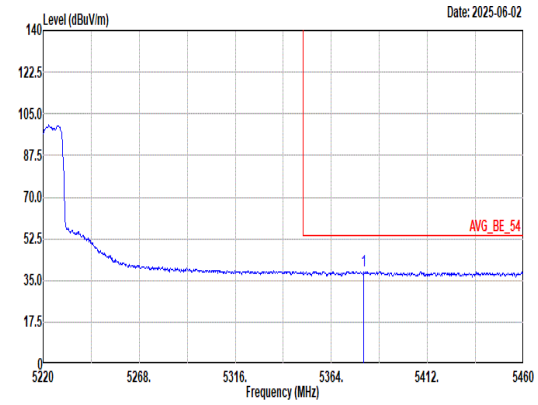
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5145.98 58.00 74.00 -16.00 46.79 32.69 13.03 34.51 0.00 250 251 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 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 5180.00 112.41 ------ ------ 101.28 32.64 13.07 34.58 0.00 250 251 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.32 46.13 54.00 -7.87 34.91 32.70 13.03 34.51 0.00 250 251 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 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 99.89 ------ ------ 88.76 32.64 13.07 34.58 0.00 250 251 Average

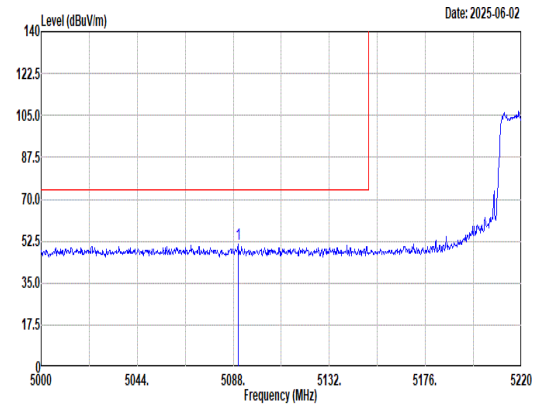
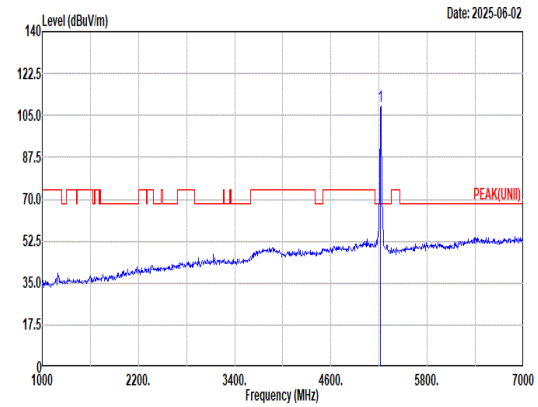
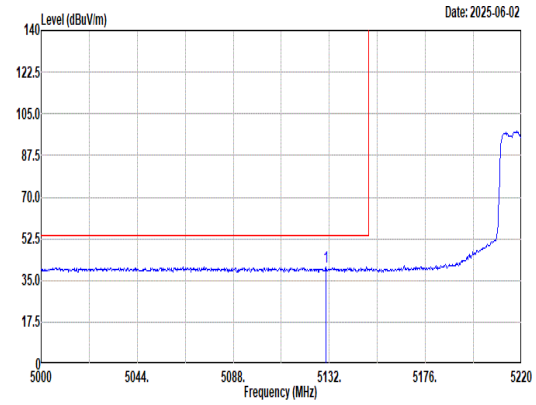
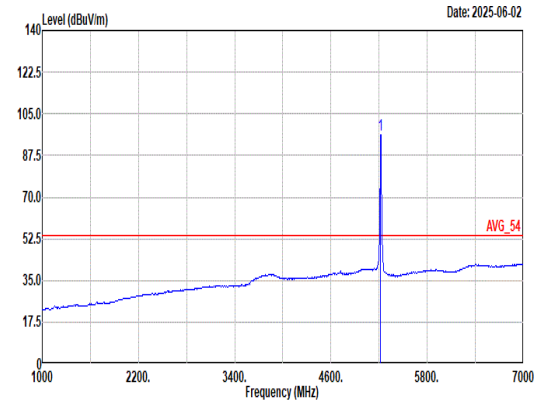
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5147.06 53.84 74.00 -20.16 42.63 32.69 13.03 34.51 0.00 234 200 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 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 5180.00 109.15 ------ ------ 97.99 32.66 13.06 34.56 0.00 234 200 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.76 43.07 54.00 -10.93 31.85 32.70 13.03 34.51 0.00 234 200 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 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 96.10 ------ ------ 84.96 32.65 13.06 34.57 0.00 234 200 Average

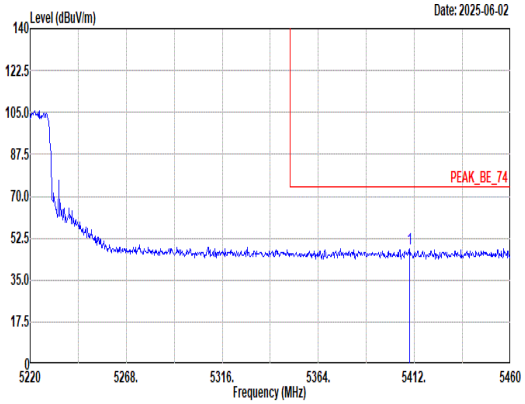
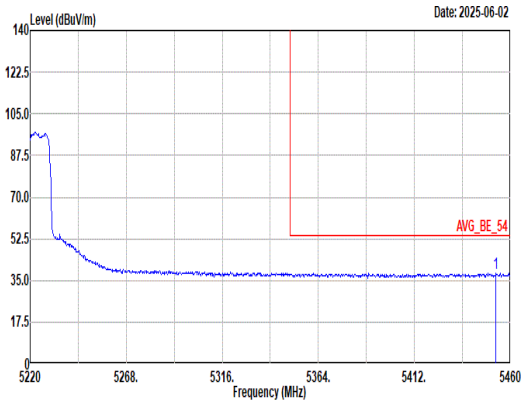
Mode	10	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 48.86 68.20 -19.34 32.01 37.36 18.54 39.85 0.80 -- -- Peak 2 15540.00 53.33 74.00 -20.67 34.64 40.72 22.79 45.42 0.60 -- -- Peak 3 15540.00 42.56 54.00 -11.44 23.87 40.72 22.79 45.42 0.60 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 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 49.39 68.20 -18.81 32.54 37.36 18.54 39.85 0.80 -- -- Peak 2 15540.00 52.73 74.00 -21.27 34.04 40.72 22.79 45.42 0.60 -- -- Peak 3 15540.00 42.57 54.00 -11.43 23.88 40.72 22.79 45.42 0.60 -- -- Average

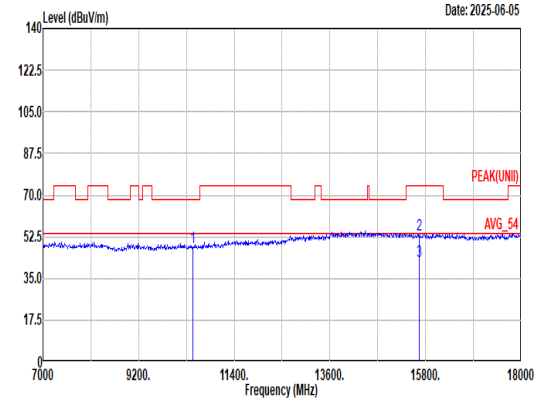
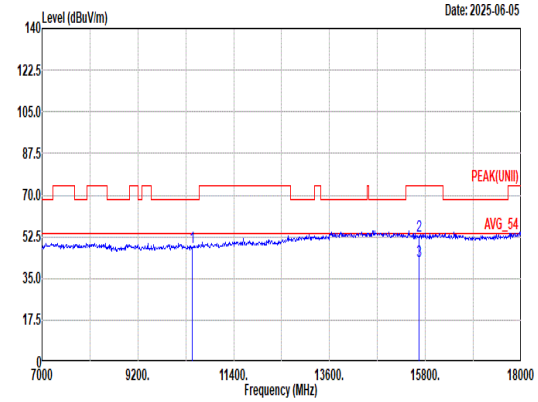
Mode	10	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg		

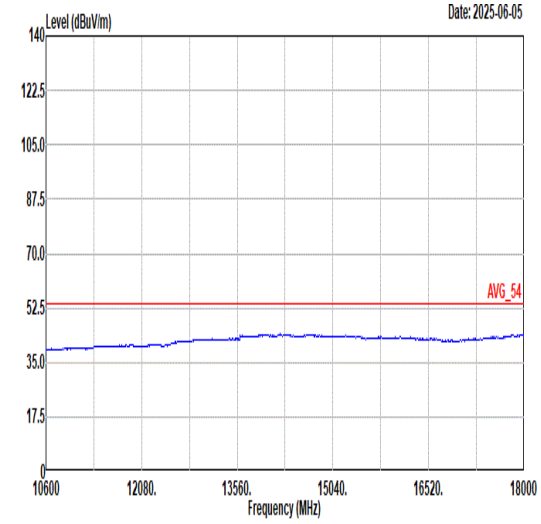
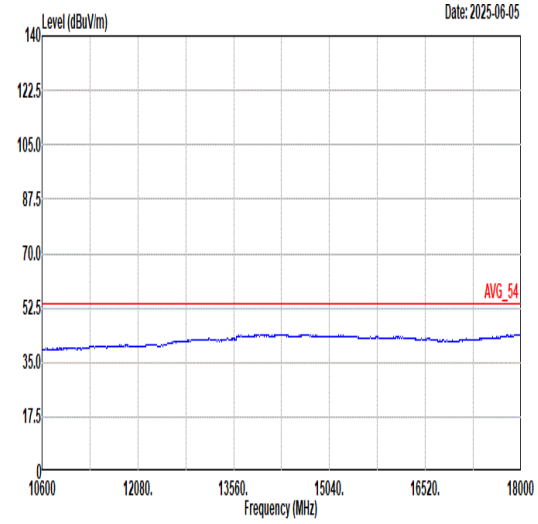
Mode	11	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5115.50 51.74 74.00 -22.26 40.56 32.63 12.99 34.44 0.00 262 219 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 110.24 ------ ------ 99.24 32.55 13.10 34.65 0.00 262 219 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.50 41.25 54.00 -12.75 30.03 32.70 13.03 34.51 0.00 262 219 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 99.43 ------ ------ 88.45 32.53 13.11 34.66 0.00 262 219 Average

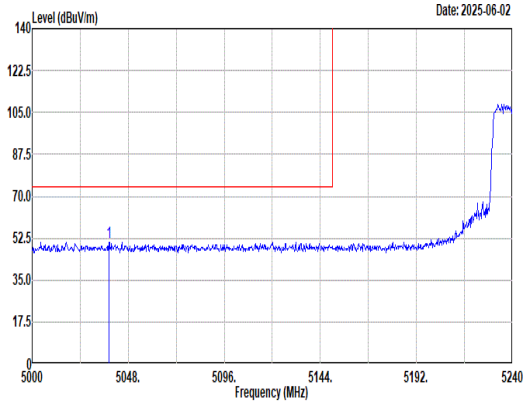
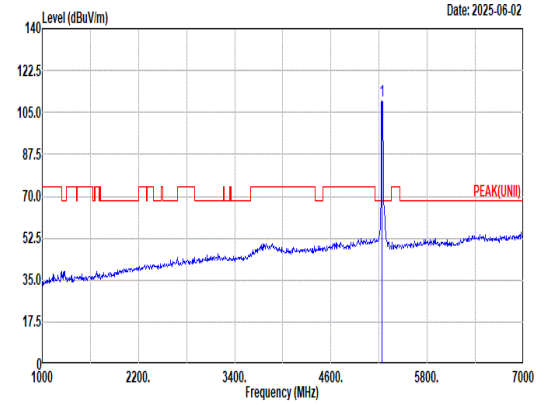
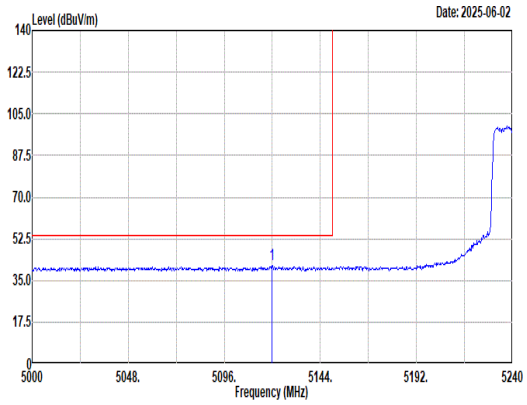
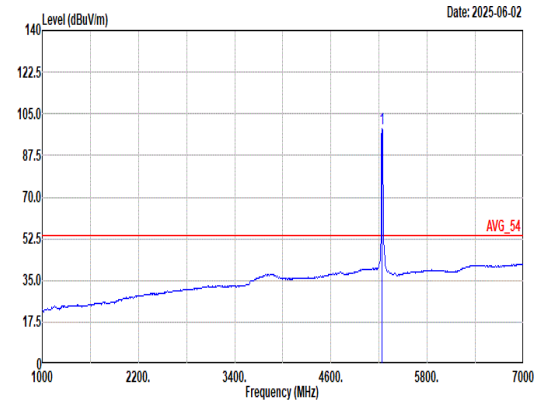
Mode	11	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5385.12 49.07 74.00 -24.93 38.55 32.23 13.30 35.01 0.00 262 219 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5380.32 38.85 54.00 -15.15 28.31 32.24 13.30 35.00 0.00 262 219 Average	Blank

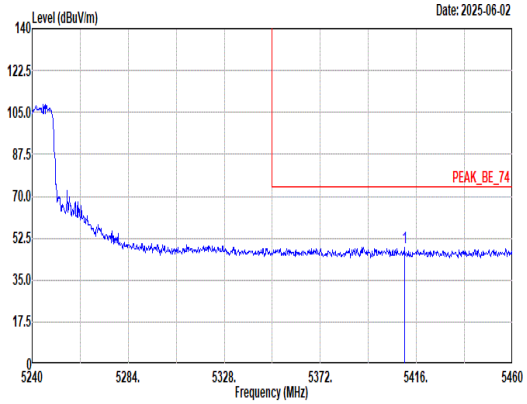
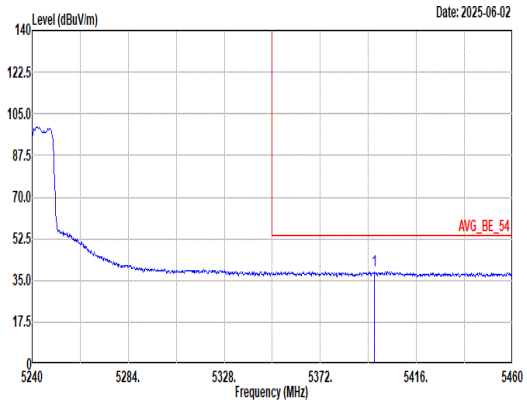
Mode	11	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5090.20 51.07 74.00 -22.93 39.90 32.60 12.96 34.39 0.00 215 196 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 108.85 ------ ------ 97.90 32.50 13.12 34.67 0.00 215 196 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5130.46 40.54 54.00 -13.46 29.34 32.66 13.01 34.47 0.00 215 196 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 96.41 ------ ------ 85.43 32.53 13.11 34.66 0.00 215 196 Average

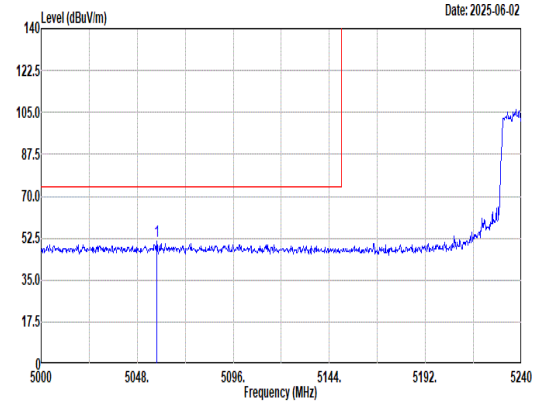
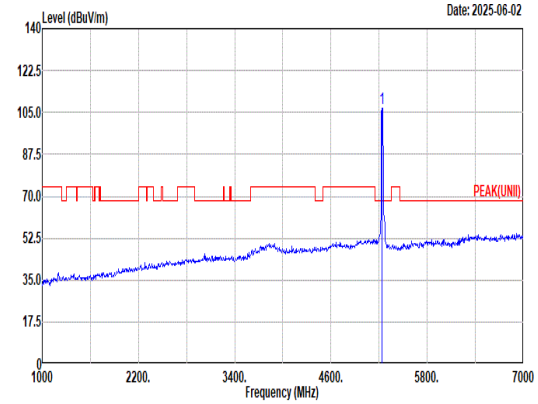
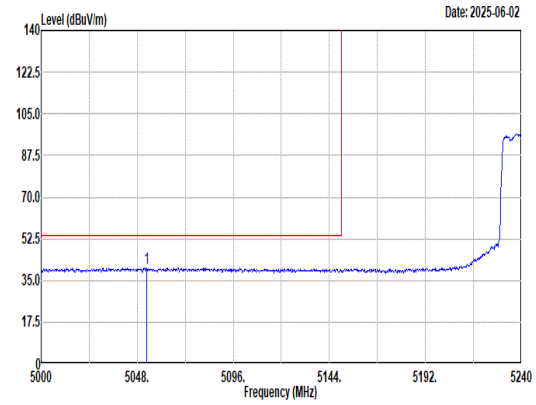
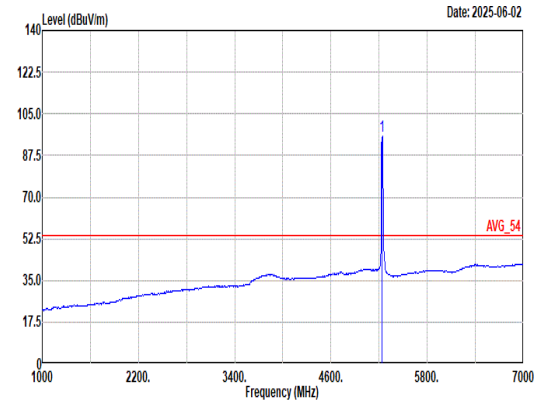
Mode	11	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5409.60 48.21 74.00 -25.79 37.72 32.22 13.33 35.06 0.00 215 196 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5452.80 38.05 54.00 -15.95 27.50 32.32 13.38 35.15 0.00 215 196 Average	Blank

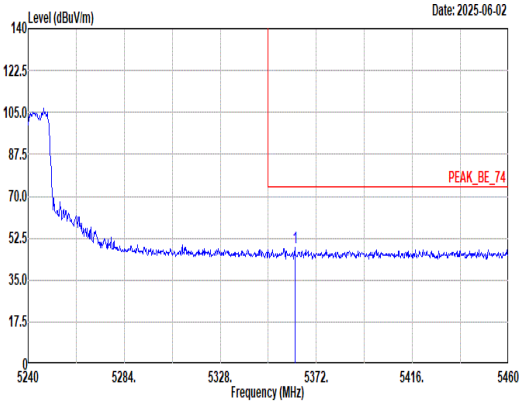
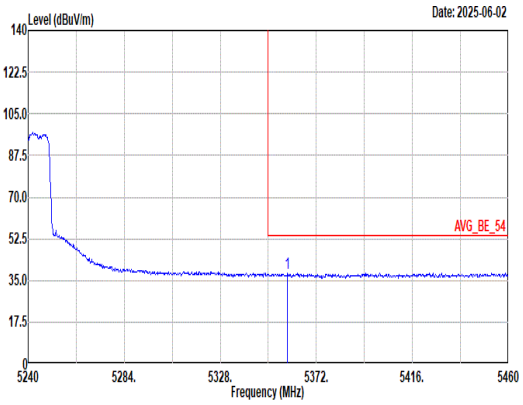
Mode	11	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 48.06 68.20 -20.14 31.44 37.20 18.61 39.99 0.80 -- -- Peak 2 15660.00 53.45 74.00 -20.55 35.04 40.52 22.88 45.57 0.58 -- -- Peak 3 15660.00 42.48 54.00 -11.52 24.07 40.52 22.88 45.57 0.58 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 48.33 68.20 -19.87 31.71 37.20 18.61 39.99 0.80 -- -- Peak 2 15660.00 52.60 74.00 -21.40 34.19 40.52 22.88 45.57 0.58 -- -- Peak 3 15660.00 42.51 54.00 -11.49 24.10 40.52 22.88 45.57 0.58 -- -- Average

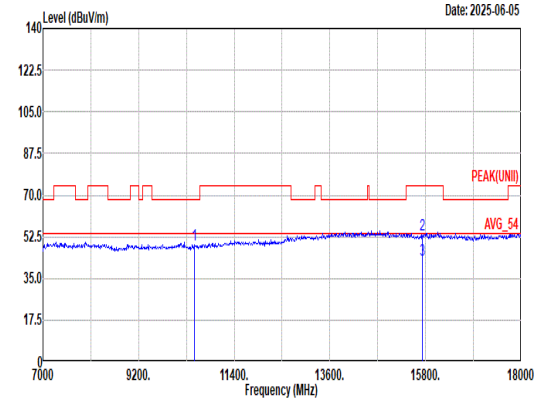
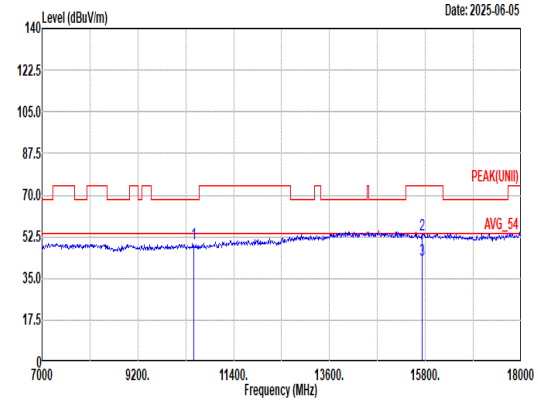
Mode	11	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg		

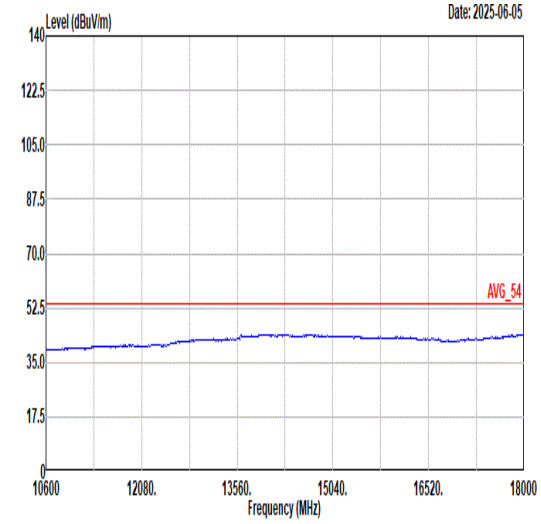
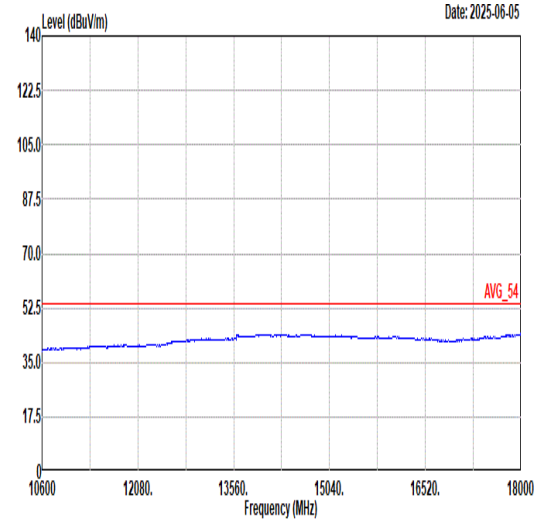
Mode	12	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5038.40 50.82 74.00 -23.18 39.55 32.65 12.90 34.28 0.00 360 224 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 109.98 ------ ------ 99.09 32.46 13.13 34.70 0.00 360 224 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5120.00 41.47 54.00 -12.53 30.28 32.64 13.00 34.45 0.00 360 224 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 98.60 ------ ------ 87.71 32.46 13.13 34.70 0.00 360 224 Average

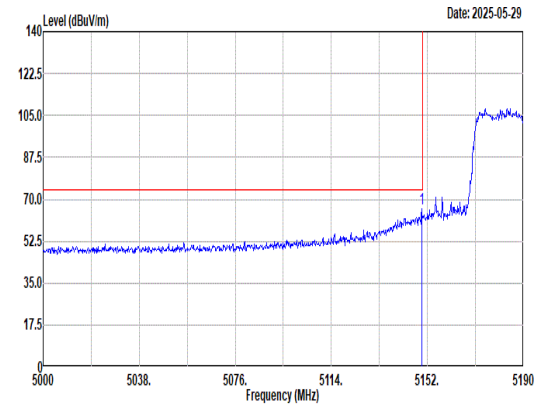
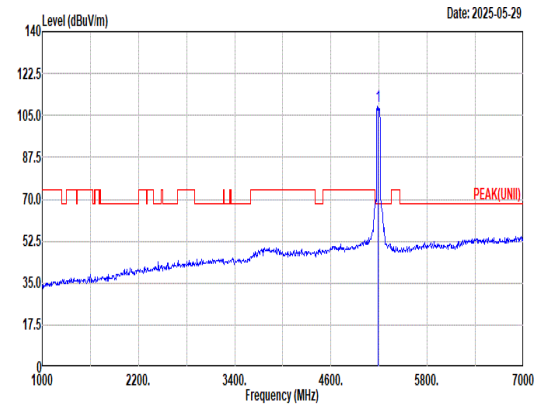
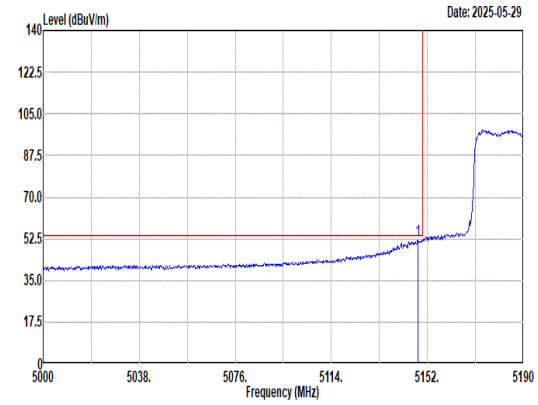
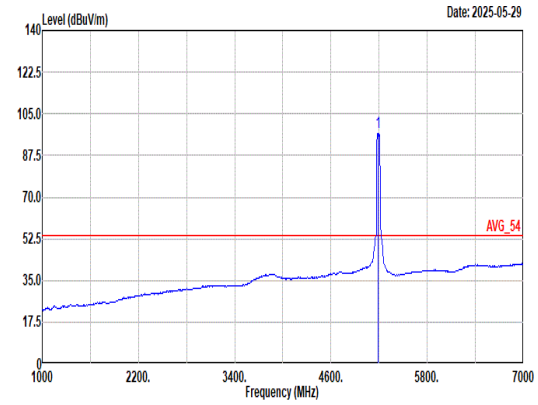
Mode	12	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5410.50 48.66 74.00 -25.34 38.17 32.22 13.33 35.06 0.00 360 224 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5396.86 38.88 54.00 -15.12 28.38 32.21 13.32 35.03 0.00 360 224 Average	Blank

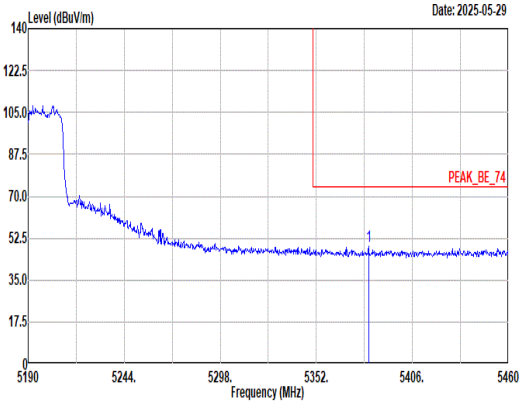
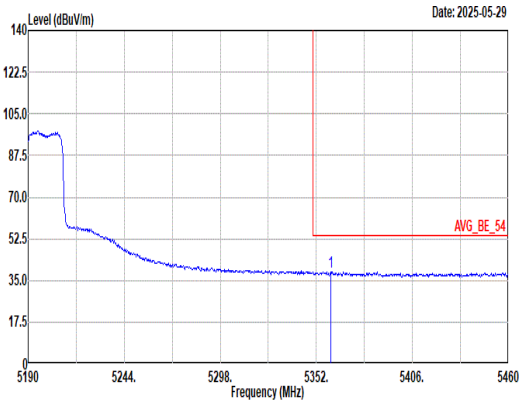
Mode	12	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5057.60 51.14 74.00 -22.86 39.93 32.60 12.93 34.32 0.00 197 193 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 106.76 ------ ------ 95.92 32.41 13.15 34.72 0.00 197 193 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5052.56 40.32 54.00 -13.68 29.11 32.60 12.92 34.31 0.00 197 193 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 95.74 ------ ------ 84.88 32.43 13.14 34.71 0.00 197 193 Average

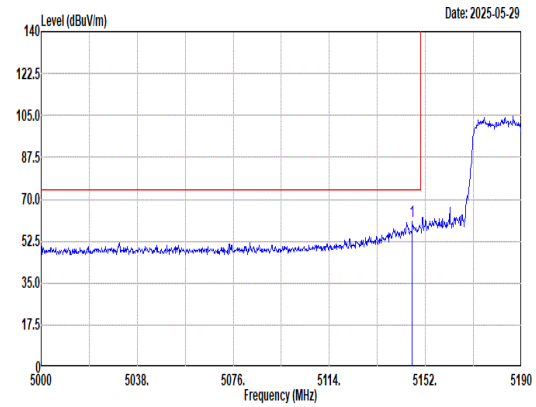
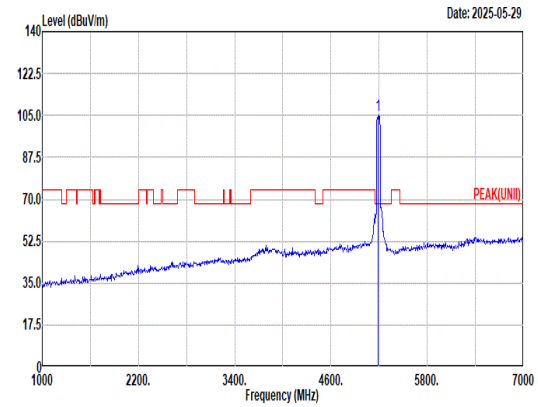
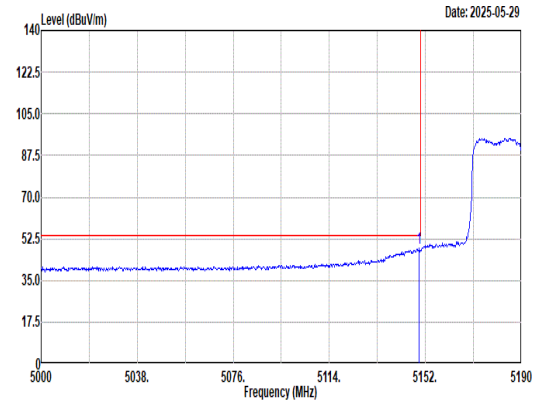
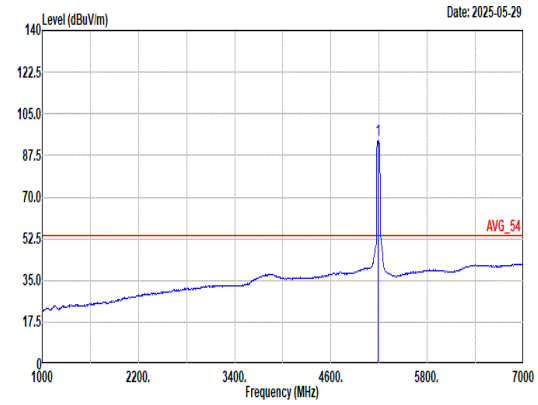
Mode	12	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5362.10 48.85 74.00 -25.15 38.25 32.28 13.28 34.96 0.00 197 193 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5358.80 37.98 54.00 -16.02 27.38 32.28 13.27 34.95 0.00 197 193 Average	Blank

Mode	12	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 48.97 68.20 -19.23 32.33 37.26 18.64 40.06 0.80 -- -- Peak 2 15720.00 53.16 74.00 -20.84 34.58 40.72 22.93 45.64 0.57 -- -- Peak 3 15720.00 42.57 54.00 -11.43 23.99 40.72 22.93 45.64 0.57 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 49.54 68.20 -18.66 32.90 37.26 18.64 40.06 0.80 -- -- Peak 2 15720.00 53.45 74.00 -20.55 34.87 40.72 22.93 45.64 0.57 -- -- Peak 3 15720.00 42.60 54.00 -11.40 24.02 40.72 22.93 45.64 0.57 -- -- Average

Mode	12	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL

Mode	13	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full RU_5190MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.72 65.80 74.00 -8.20 54.58 32.70 13.03 34.51 0.00 234 249 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 108.83 ------ ------ 97.69 32.65 13.06 34.57 0.00 234 249 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.20 51.97 54.00 -2.03 40.75 32.70 13.03 34.51 0.00 234 249 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 96.98 ------ ------ 85.90 32.61 13.08 34.61 0.00 234 249 Average

Mode	13	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full RU_5190MHz	
ANT	2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 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 5381.43 48.91 74.00 -25.09 38.37 32.24 13.30 35.00 0.00 234 249 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 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 5360.10 38.66 54.00 -15.34 28.07 32.28 13.27 34.96 0.00 234 249 Average	Blank

Mode	13	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full RU_5190MHz	
ANT	2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_240711 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 5146.87 60.51 74.00 -13.49 49.30 32.69 13.03 34.51 0.00 261 204 Peak	 Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 104.89 ------ ------ 93.81 32.61 13.08 34.61 0.00 261 204 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.53 48.60 54.00 -5.40 37.38 32.70 13.03 34.51 0.00 261 204 Average	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_240711 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 93.83 ------ ------ 82.75 32.61 13.08 34.61 0.00 261 204 Average