FCC RADIO TEST REPORT

FCC ID	:	**2AEM4-NV01**
Equipment	:	**Wireless Router**
Brand Name	:	**eero**
Model Name	:	**NV01**
Applicant	:	**eero LLC** **660 3rd St Fl 4, San Francisco, California, 94107, United States**
Manufacturer	:	**eero LLC** **660 3rd St Fl 4, San Francisco, California, 94107, United States**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Jul. 18, 2025 and testing was performed from Jul. 18, 2025 to Aug. 21, 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

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History of this test report

Report No.	Version	Description	Issue Date
FR562407E	01	Initial issue of report	Sep. 17, 2025
FR562407E	02	Revised Test Mode and Appendix D. This report is an updated version, replacing the report issued on Sep. 17, 2025.	Sep. 25, 2025

Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Avis Chuang

Report Producer: Shiori Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth-LE, IEEE 802.15.4, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11ax/be. **Antenna Type** WLAN: **<For WLAN (2.4GHz) and WLAN (5GHz)>:** **<Ant 1>:** PIFA Antenna **<Ant 2>:** PIFA Antenna **<<For WLAN (6GHz)>:** **<Ant 4>:** PIFA Antenna **<Ant 5>:** PIFA Antenna Bluetooth-LE: PIFA Antenna IEEE 802.15.4: PIFA Antenna

Antenna information		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	**<Ant. 1>:** 3.82 **<Ant. 2>:** 4.48

Antenna information for Directional Gain		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	<5G_Ant1 + 5G_Ant2> Correlated: 3.95 Uncorrelated: 1.74

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. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	CO05-HY (TAF Code: 1190)
Remark	The AC Conducted Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, 03CH11-HY

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

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- FCC Part 15 Subpart E
- ANSI C63.10-2020

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	-	-

Note:

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

2.2 Test Mode

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

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

This device only supports full-tone RU; it does not support partial RU or channel puncturing.

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

The SISO mode is covered by the MIMO mode, as the conducted power is the same as the MIMO per chain output. All channels were tested in MIMO mode. For the SISO mode, only a few channels can be optimized, and these have also been tested.

According to the manufacturer's design, only chain 0 (Ant. 1) is used in SISO mode.

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

Single Mode

Modulation	Data Rate
802.11b (Covered by MIMO)	1 Mbps
802.11g (Covered by MIMO)	6 Mbps
802.11n HT20 (Covered by MIMO)	MCS0
802.11n HT40 (Additional optimization)	MCS0
802.11ac VHT20 (Covered by MIMO)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ax HE20 (Covered by EHT20 Mode)	MCS0
802.11ax HE40 (Covered by EHT40 Mode)	MCS0
802.11be EHT20 (Additional optimization)	MCS0
802.11be EHT40 (Additional optimization)	MCS0

MIMO Mode

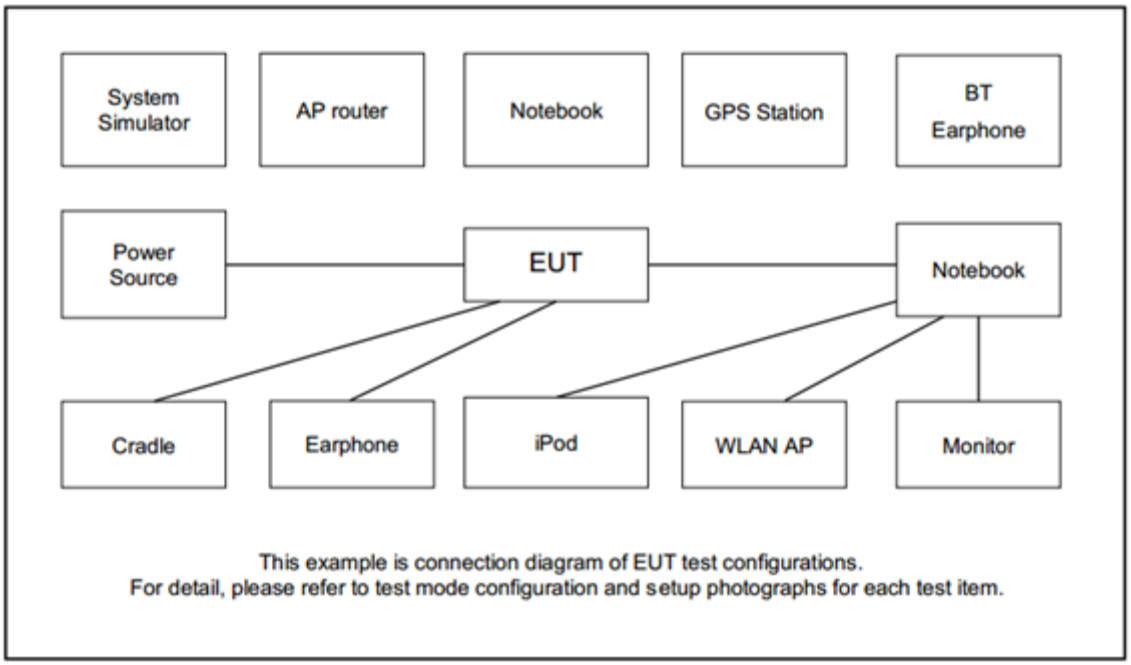
Modulation	Data Rate
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ax HE20 (Covered by EHT20 Mode)	MCS0
802.11ax HE40 (Covered by EHT40 Mode)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

Test Cases	
AC Conducted Emission	Mode 1: 11be Tx(EHT80) CH155 + AC Adapter (Luxshare_27W_Type A plug) (C210001)
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.	

Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P： Unshielded, 1.2m DC O/P： Shielded, 1.8m
2.	PC	msi	PRO DP1 80A7	FCC DoC	N/A	Unshielded,1.8m
3.	PC	lenovo	P320	FCC DoC	N/A	Unshielded,1.8m

2.5 EUT Operation Test Setup

The RF test items, utility “QSPR Version 6.00.00215.1” 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 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

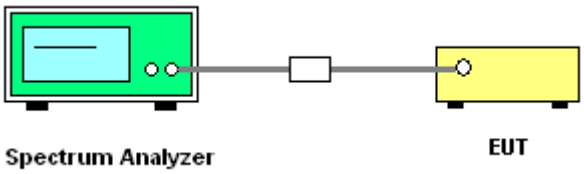
3.1.2 Measuring Instruments

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 for the band 5.725-5.85 GHz
2. Set RBW = 100 kHz.
3. Set the VBW ≥ 3 x RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

3.1.4 Test Setup



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

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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.

3.2.2 Measuring Instruments

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

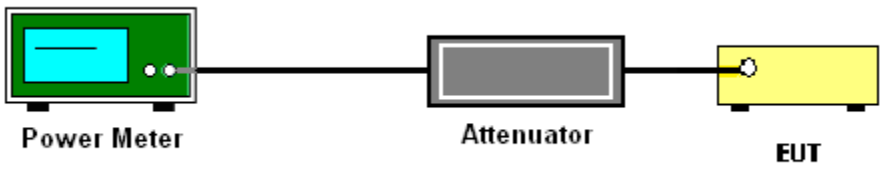
3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.
If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

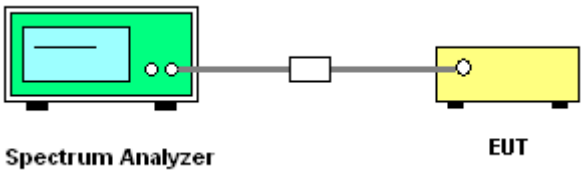
 # Method SA-2 #

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

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 500kHz.
- Set VBW ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- 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. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
   Method (c): Measure and add 10 log(N_{ANT}) dB.
   With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit. The addition of 10 log(N_{ANT}) dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}$ th of the PSD limit.

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 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

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

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

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

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

(3) 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.)

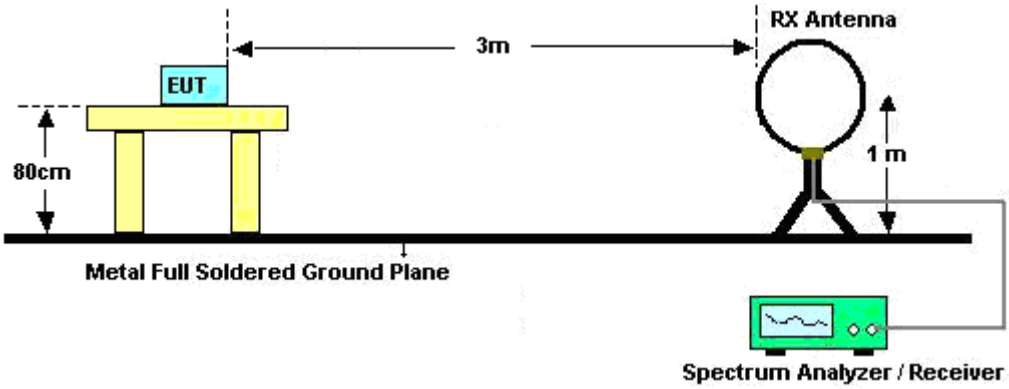
g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, then a correction factor shall be added to the measurement results prior to comparing with the emission limit, to compute the emission level that would have been measured had the test been performed at 100% duty cycle.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

1) 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.
2) 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.

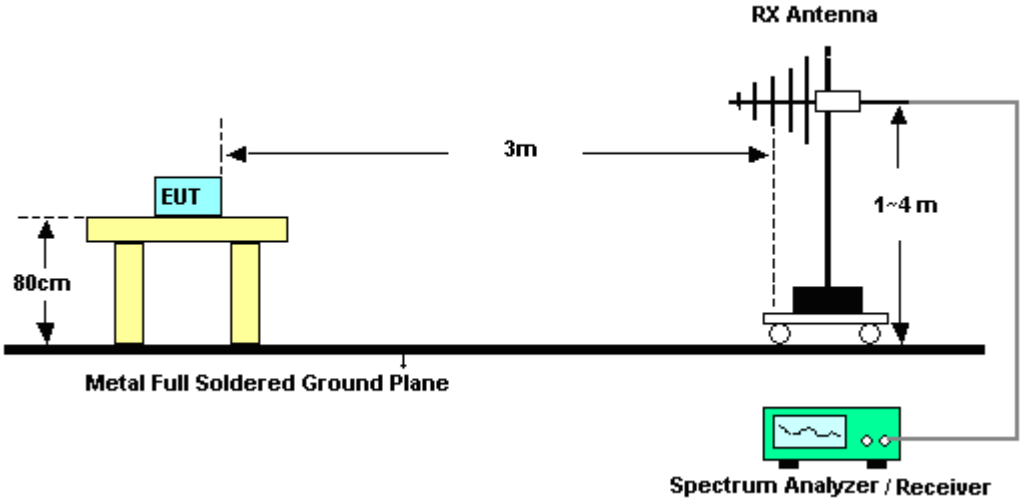
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

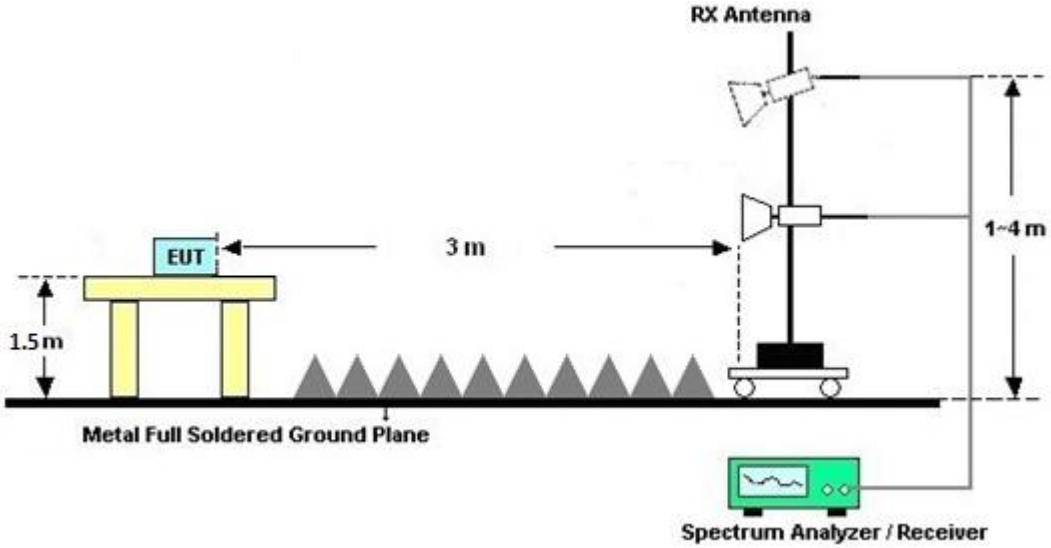
For radiated emissions below 30MHz



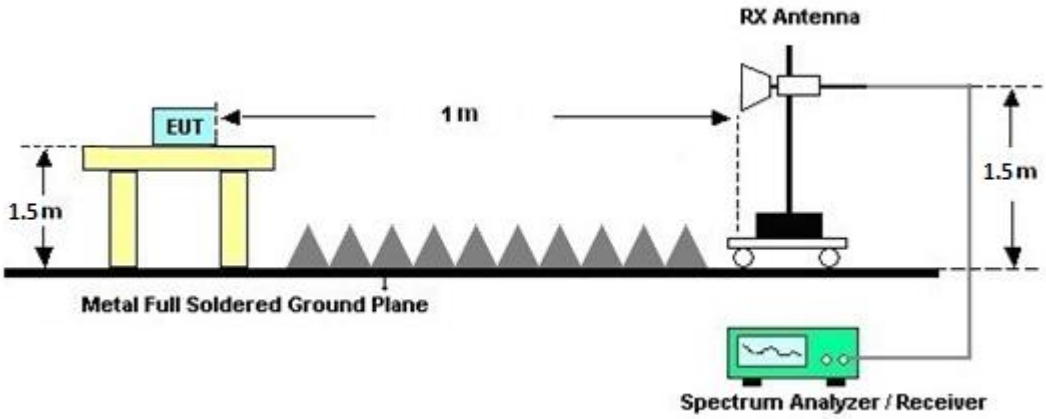
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated 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 Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Unwanted Radiated Emission (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.

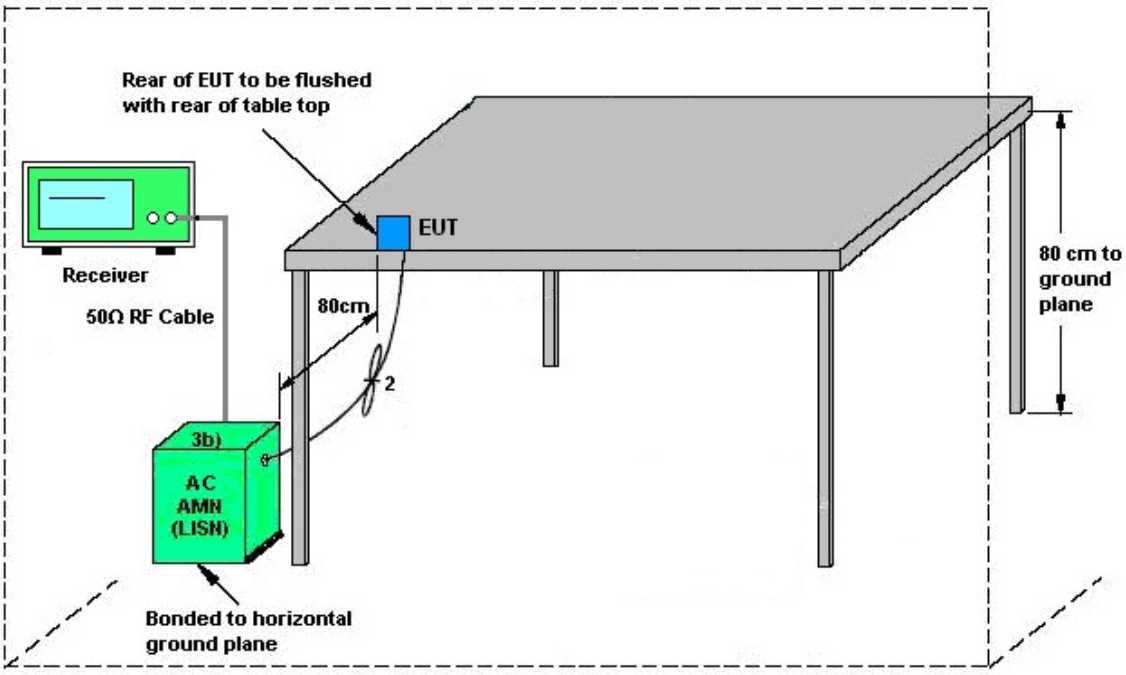
3.5.2 Measuring Instruments

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

Unique (non-standard) antenna connector.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 27, 2024	Jul. 18, 2025~ Aug. 08, 2025	Nov. 26, 2025	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 18, 2024	Jul. 18, 2025~ Aug. 08, 2025	Dec. 17, 2025	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Aug. 28, 2024	Jul. 18, 2025~ Aug. 08, 2025	Aug. 27, 2025	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00994	18GHz~40GHz	Jan. 09, 2025	Jul. 18, 2025~ Aug. 08, 2025	Jan. 08, 2026	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 07, 2024	Jul. 18, 2025~ Aug. 08, 2025	Dec. 06, 2025	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 24, 2025	Jul. 18, 2025~ Aug. 08, 2025	Mar. 23, 2026	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 21, 2025	Jul. 18, 2025~ Aug. 08, 2025	Jan. 20, 2026	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 23, 2024	Jul. 18, 2025~ Aug. 08, 2025	Aug. 22, 2025	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 14, 2024	Jul. 18, 2025~ Aug. 08, 2025	Oct. 13, 2025	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Sep. 09, 2024	Jul. 18, 2025~ Aug. 08, 2025	Sep. 08, 2025	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jul. 18, 2025~ Aug. 08, 2025	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jul. 18, 2025~ Aug. 08, 2025	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jul. 18, 2025~ Aug. 08, 2025	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Jul. 18, 2025~ Aug. 08, 2025	N/A	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200880	N/A	Aug. 29, 2024	Jul. 18, 2025~ Aug. 08, 2025	Aug. 28, 2025	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	Mar. 05, 2025	Jul. 18, 2025~ Aug. 08, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 05, 2025	Jul. 18, 2025~ Aug. 08, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 05, 2025	Jul. 18, 2025~ Aug. 08, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	30M~40G	May 10, 2025	Jul. 18, 2025~ Aug. 08, 2025	May 09, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 10, 2024	Jul. 18, 2025~ Aug. 08, 2025	Sep. 09, 2025	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 10, 2024	Jul. 18, 2025~ Aug. 08, 2025	Sep. 09, 2025	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53GHz Low Pass Filter	Sep. 10, 2024	Jul. 18, 2025~ Aug. 08, 2025	Sep. 09, 2025	Radiation (03CH11-HY)
Attenuator	HONOVA	5910 SMA-50-005	0028	N/A	Sep. 10, 2024	Jul. 18, 2025~ Aug. 08, 2025	Sep. 09, 2025	Radiation (03CH11-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	Aug. 02, 2025~ Aug. 16, 2025	Oct. 31, 2025	Conducted (TH05-HY)
Power Sensor	Raditeq	RPR3008W	RPR8W-2301 001(NO:146)	10MHz~8GHz	Jan. 17, 2025	Aug. 02, 2025~ Aug. 16, 2025	Jan. 16, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101467	10Hz~44GHz	Jan. 14, 2025	Aug. 02, 2025~ Aug. 16, 2025	Jan. 13, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	Aug. 02, 2025~ Aug. 16, 2025	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_25061 3	N/A	Conducted Other Test Item	N/A	Aug. 02, 2025~ Aug. 16, 2025	N/A	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Aug. 21, 2025	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 10, 2024	Aug. 21, 2025	Dec. 09, 2025	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 26, 2025	Aug. 21, 2025	Jun. 25, 2026	Conduction (CO05-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	9kHz~30MHz	Mar. 26, 2025	Aug. 21, 2025	Mar. 25, 2026	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Jul. 25, 2025	Aug. 21, 2025	Jul. 24, 2026	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Aug. 21, 2025	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	00691	N/A	Jul. 29, 2025	Aug. 21, 2025	Jul. 28, 2026	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT2408250 1	9KHz - 30MHz	Oct. 15, 2024	Aug. 21, 2025	Oct. 14, 2025	Conduction (CO05-HY)

5 Measurement Uncertainty

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

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))	6.4 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.3 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:	Sylvia Li	Temperature:	21~25	°C
Test Date:	2025/08/02~2025/08/16	Relative Humidity:	51~54	%

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

U-NII-3 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
VHT80	MCS0	1	155	5775	77.29	-	95.52	-	76.34	-	0.5	Pass

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	149	5745	17.64	17.75	23.78	23.74	16.35	16.35	0.5	Pass
11a	6Mbps	2	157	5785	17.75	17.64	23.99	23.10	16.33	16.34	0.5	Pass
11a	6Mbps	2	161	5805	18.46	17.44	32.67	22.70	16.34	16.33	0.5	Pass
HT20	MCS0	2	149	5745	18.77	18.47	24.66	23.88	17.62	17.60	0.5	Pass
HT20	MCS0	2	157	5785	18.62	18.73	24.02	24.78	17.60	17.59	0.5	Pass
HT20	MCS0	2	161	5805	19.02	18.52	33.31	23.96	17.60	17.58	0.5	Pass
HT40	MCS0	2	151	5755	37.62	37.56	48.29	48.05	36.39	36.37	0.5	Pass
HT40	MCS0	2	159	5795	37.51	37.88	47.90	48.46	36.35	36.37	0.5	Pass
VHT80	MCS0	2	155	5775	77.34	77.38	93.63	94.69	76.34	76.37	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna												
Mod.	Data Rate	NTX	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	149	5745	23.30	-		30.00	-	3.82	-	Pass
11a	6Mbps	1	157	5785	23.50	-		30.00	-	3.82	-	Pass
11a	6Mbps	1	161	5805	23.30	-		30.00	-	3.82	-	Pass
HT20	MCS0	1	149	5745	23.40	-		30.00	-	3.82	-	Pass
HT20	MCS0	1	157	5785	23.70	-		30.00	-	3.82	-	Pass
HT20	MCS0	1	161	5805	23.40	-		30.00	-	3.82	-	Pass
HT40	MCS0	1	151	5755	23.60	-		30.00	-	3.82	-	Pass
HT40	MCS0	1	159	5795	21.60	-		30.00	-	3.82	-	Pass
VHT20	MCS0	1	149	5745	23.30	-		30.00	-	3.82	-	Pass
VHT20	MCS0	1	161	5805	23.60	-		30.00	-	3.82	-	Pass
VHT20	MCS0	1	165	5825	23.30	-		30.00	-	3.82	-	Pass
VHT40	MCS0	1	151	5755	23.50	-		30.00	-	3.82	-	Pass
VHT40	MCS0	1	159	5795	21.50	-		30.00	-	3.82	-	Pass
VHT80	MCS0	1	155	5775	21.10	-		30.00	-	3.82	-	Pass

U-NII-3 MIMO												
Mod.	Data Rate	NTX	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	2	149	5745	23.40	23.70	26.56	30.00		1.74		Pass
11a	6Mbps	2	157	5785	23.60	23.80	26.71	30.00		1.74		Pass
11a	6Mbps	2	161	5805	23.40	23.60	26.51	30.00		1.74		Pass
HT20	MCS0	2	149	5745	23.60	23.70	26.66	30.00		1.74		Pass
HT20	MCS0	2	157	5785	23.80	23.90	26.86	30.00		1.74		Pass
HT20	MCS0	2	161	5805	23.50	23.80	26.66	30.00		1.74		Pass
HT40	MCS0	2	151	5755	23.70	23.60	26.66	30.00		1.74		Pass
HT40	MCS0	2	159	5795	21.70	21.90	24.81	30.00		1.74		Pass
VHT20	MCS0	2	149	5745	23.50	23.60	26.56	30.00		1.74		Pass
VHT20	MCS0	2	157	5785	23.70	23.80	26.76	30.00		1.74		Pass
VHT20	MCS0	2	161	5805	23.40	23.70	26.56	30.00		1.74		Pass
VHT40	MCS0	2	151	5755	23.60	23.50	26.56	30.00		1.74		Pass
VHT40	MCS0	2	159	5795	21.60	21.80	24.71	30.00		1.74		Pass
VHT80	MCS0	2	155	5775	20.50	20.40	23.46	30.00		1.74		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-3 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT80	MCS0	1	155	5775	0.00		-0.01	-		30.00	-	3.82	-	Pass

U-NII-3 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	149	5745	0.04	0.04	8.53	8.65	11.66	30.00		3.95		Pass
11a	6Mbps	2	157	5785	0.04	0.04	8.84	8.80	11.85	30.00		3.95		Pass
11a	6Mbps	2	161	5805	0.04	0.04	8.64	8.79	11.80	30.00		3.95		Pass
HT20	MCS0	2	149	5745	0.11	0.10	8.41	8.32	11.42	30.00		3.95		Pass
HT20	MCS0	2	157	5785	0.11	0.10	8.65	8.43	11.66	30.00		3.95		Pass
HT20	MCS0	2	161	5805	0.11	0.10	8.42	8.41	11.43	30.00		3.95		Pass
HT40	MCS0	2	151	5755	0.13	0.15	5.75	5.65	8.76	30.00		3.95		Pass
HT40	MCS0	2	159	5795	0.13	0.15	3.70	4.16	7.17	30.00		3.95		Pass
VHT80	MCS0	2	155	5775	0.00	0.00	-0.36	-0.65	2.65	30.00		3.95		Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

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TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna													
Mod.	Data Rate	NTX	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	149	5745	Full	23.40	-		30.00	-	3.82	-	Pass
HE20	MCS0	1	157	5785	Full	23.60	-		30.00	-	3.82	-	Pass
HE20	MCS0	1	161	5805	Full	23.30	-		30.00	-	3.82	-	Pass
HE40	MCS0	1	151	5755	Full	23.30	-		30.00	-	3.82	-	Pass
HE40	MCS0	1	159	5795	Full	21.50	-		30.00	-	3.82	-	Pass
HE80	MCS0	1	155	5775	Full	21.00	-		30.00	-	3.82	-	Pass

U-NII-3 MIMO													
Mod.	Data Rate	NTX	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	2	149	5745	Full	23.60	23.60	26.61	30.00		1.74		Pass
HE20	MCS0	2	157	5785	Full	23.70	23.70	26.71	30.00		1.74		Pass
HE20	MCS0	2	161	5805	Full	23.40	23.80	26.61	30.00		1.74		Pass
HE40	MCS0	2	151	5755	Full	23.40	23.60	26.51	30.00		1.74		Pass
HE40	MCS0	2	159	5795	Full	21.60	21.60	24.61	30.00		1.74		Pass
HE80	MCS0	2	155	5775	Full	20.40	20.40	23.41	30.00		1.74		Pass

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

U-NII-3 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
EHT80	MCS0	1	155	5775	Full	78.61	-	91.87	-	78.05	-	0.5	Pass

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
EHT20	MCS0	2	149	5745	Full	19.43	19.35	23.53	24.11	19.08	19.05	0.5	Pass
EHT20	MCS0	2	157	5785	Full	19.37	19.48	23.54	25.27	19.00	19.02	0.5	Pass
EHT20	MCS0	2	161	5805	Full	19.44	19.53	24.42	31.09	18.96	18.98	0.5	Pass
EHT40	MCS0	2	151	5755	Full	38.57	38.75	46.58	46.67	38.07	38.26	0.5	Pass
EHT40	MCS0	2	159	5795	Full	38.55	38.62	45.65	45.63	38.08	38.18	0.5	Pass
EHT80	MCS0	2	155	5775	Full	78.47	78.71	92.38	92.13	77.87	78.18	0.5	Pass

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TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna													
Mod.	Data Rate	NTX	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	
EHT20	MCS0	1	149	5745	Full	23.50	-		30.00	-	3.82	-	Pass
EHT20	MCS0	1	157	5785	Full	23.70	-		30.00	-	3.82	-	Pass
EHT20	MCS0	1	161	5805	Full	23.40	-		30.00	-	3.82	-	Pass
EHT40	MCS0	1	151	5755	Full	23.40	-		30.00	-	3.82	-	Pass
EHT40	MCS0	1	159	5795	Full	21.60	-		30.00	-	3.82	-	Pass
EHT80	MCS0	1	155	5775	Full	21.10	-		30.00	-	3.82	-	Pass

U-NII-3 MIMO													
Mod.	Data Rate	NTX	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	
EHT20	MCS0	2	149	5745	Full	23.70	23.70	26.71	30.00		1.74		Pass
EHT20	MCS0	2	157	5785	Full	23.80	23.80	26.81	30.00		1.74		Pass
EHT20	MCS0	2	161	5805	Full	23.50	23.90	26.71	30.00		1.74		Pass
EHT40	MCS0	2	151	5755	Full	23.50	23.70	26.61	30.00		1.74		Pass
EHT40	MCS0	2	159	5795	Full	21.70	21.70	24.71	30.00		1.74		Pass
EHT80	MCS0	2	155	5775	Full	20.50	20.50	23.51	30.00		1.74		Pass

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TEST RESULTS DATA
Power Spectral Density

U-NII-3 single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
EHT80	MCS0	1	155	5775	Full	0.00	-	-0.11	-		30.00	-	3.82	-	Pass

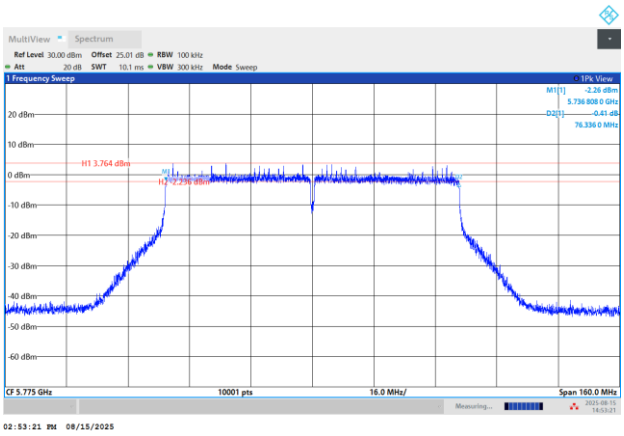
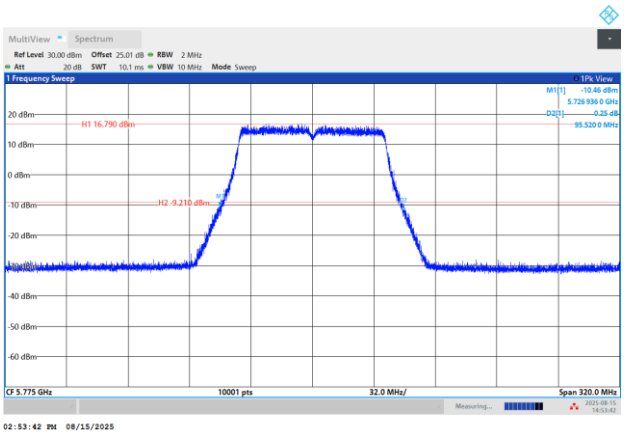
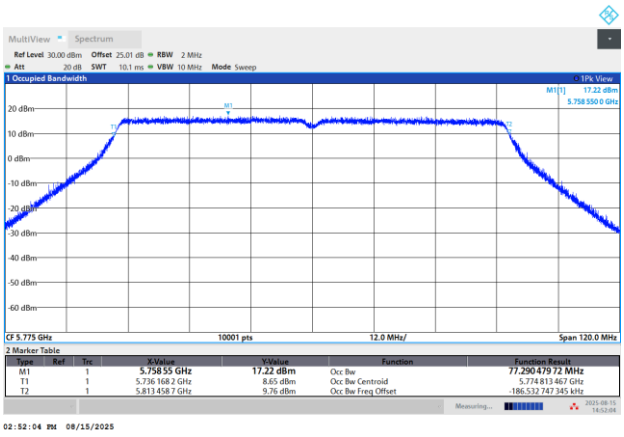
U-NII-3 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
EHT20	MCS0	2	149	5745	Full	0.13	0.11	8.20	8.04	11.21	30.00		3.95		Pass
EHT20	MCS0	2	157	5785	Full	0.13	0.11	8.35	8.07	11.36	30.00		3.95		Pass
EHT20	MCS0	2	161	5805	Full	0.13	0.11	8.12	8.23	11.24	30.00		3.95		Pass
EHT40	MCS0	2	151	5755	Full	0.15	0.13	5.40	5.56	8.57	30.00		3.95		Pass
EHT40	MCS0	2	159	5795	Full	0.15	0.13	3.62	3.83	6.84	30.00		3.95		Pass
EHT80	MCS0	2	155	5775	Full	0.00	0.00	-0.57	-0.67	2.44	30.00		3.95		Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

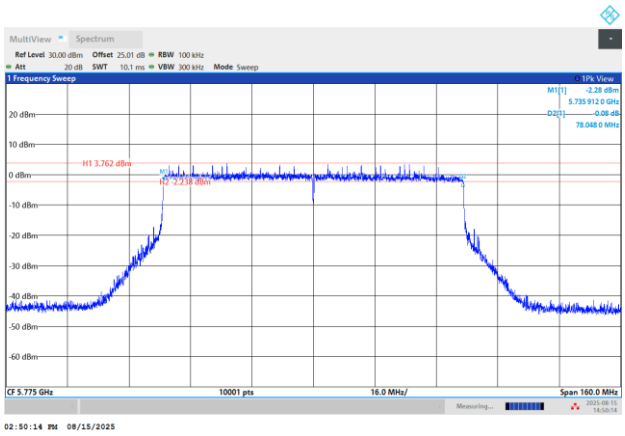
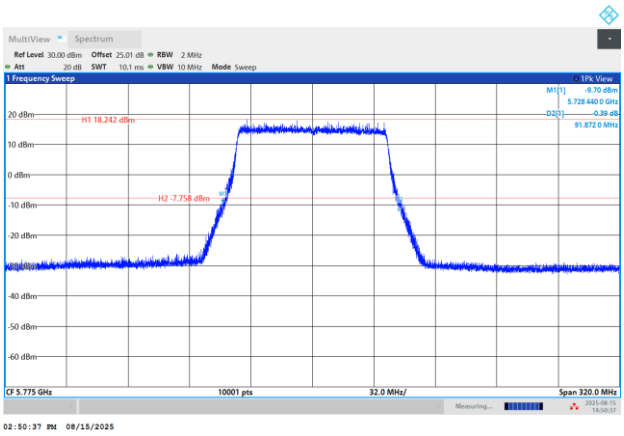
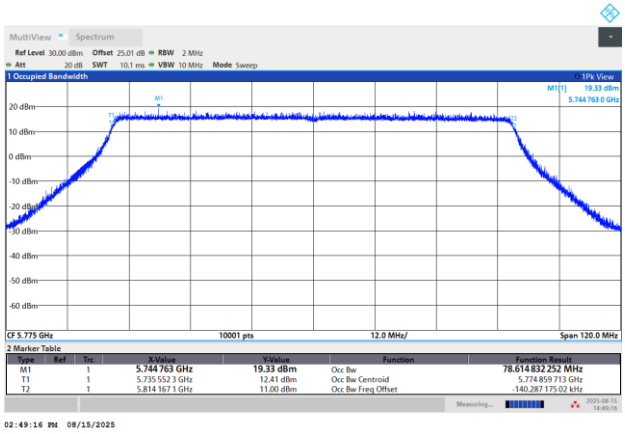
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

SISO <Ant. 1>

<802.11ac VHT80>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

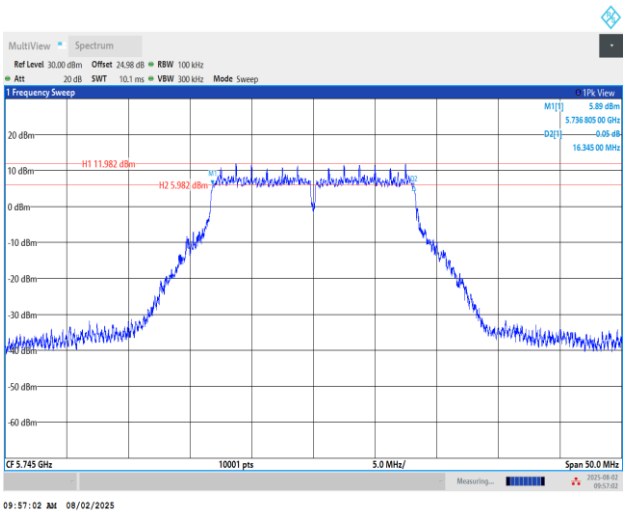
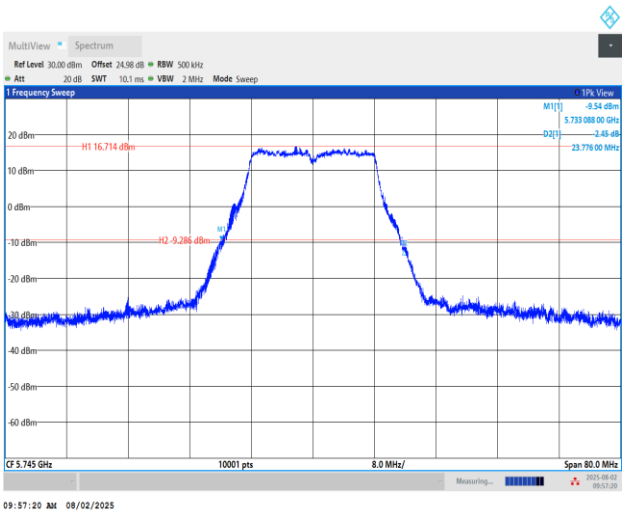
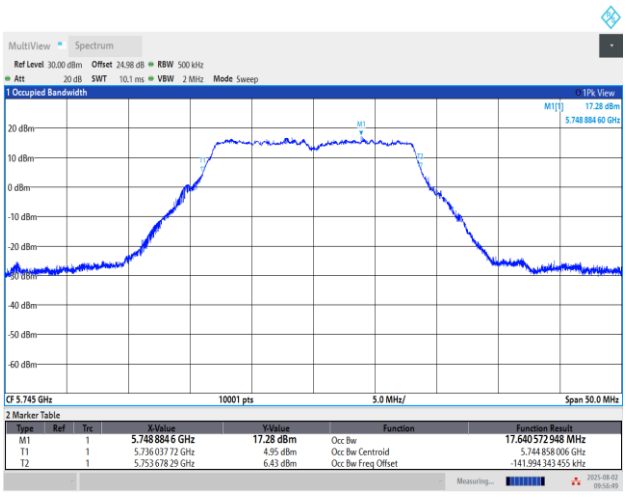
<802.11be EHT80>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

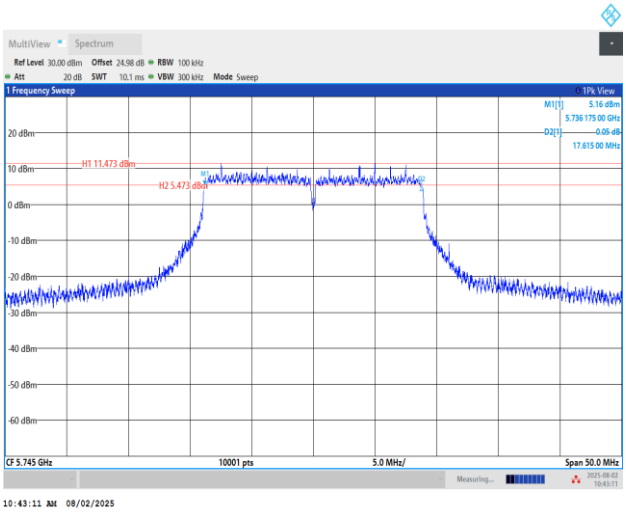
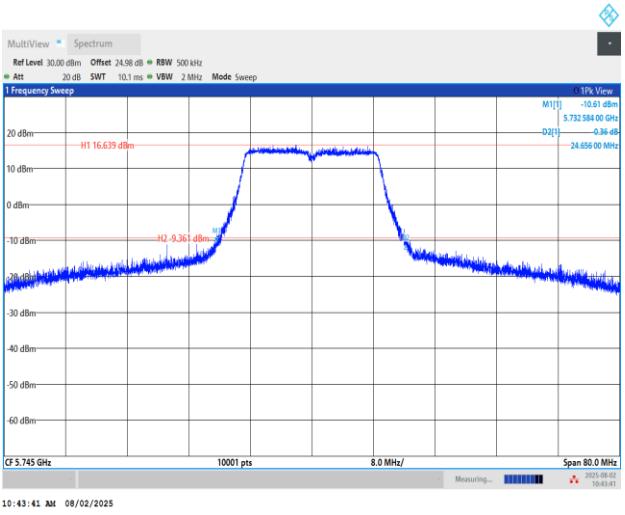
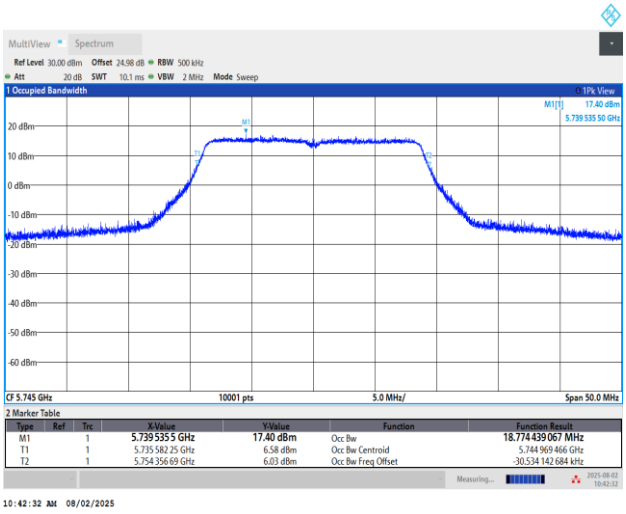
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

MIMO <Ant. 1+2>

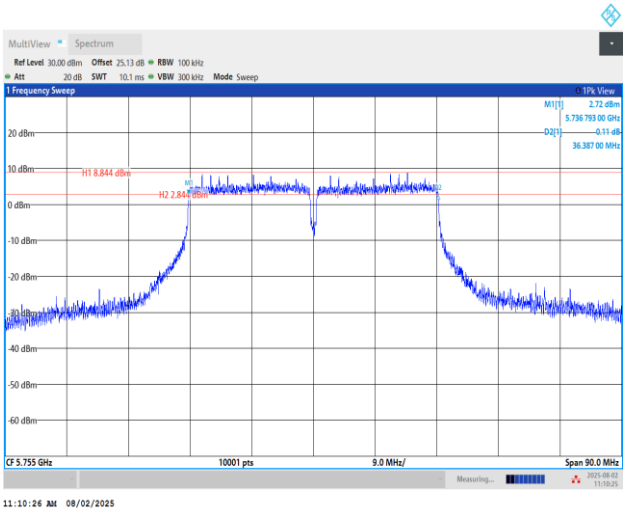
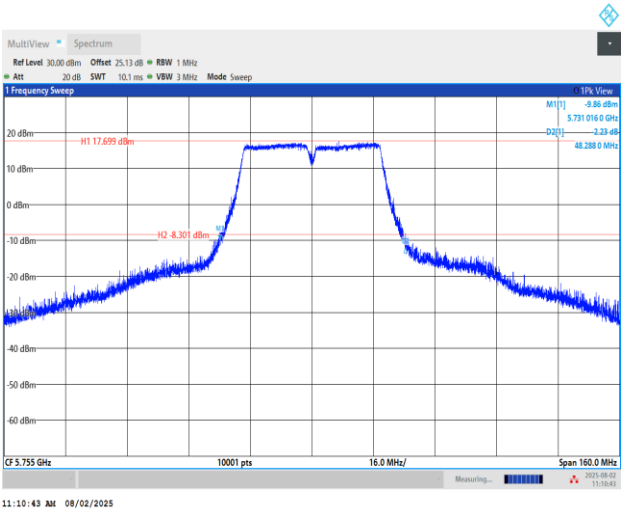
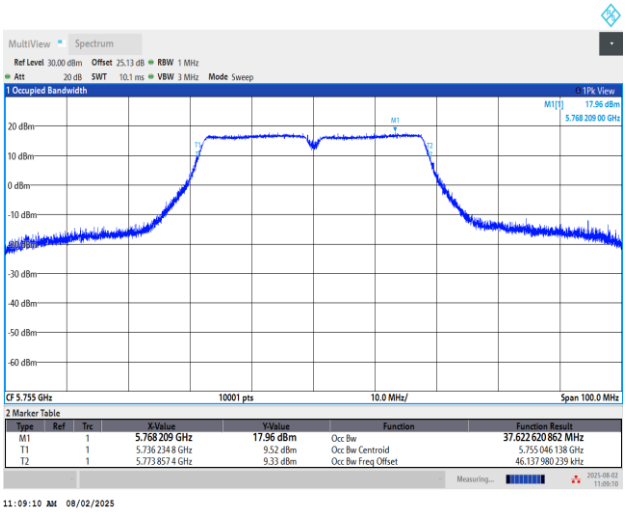
<802.11a>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

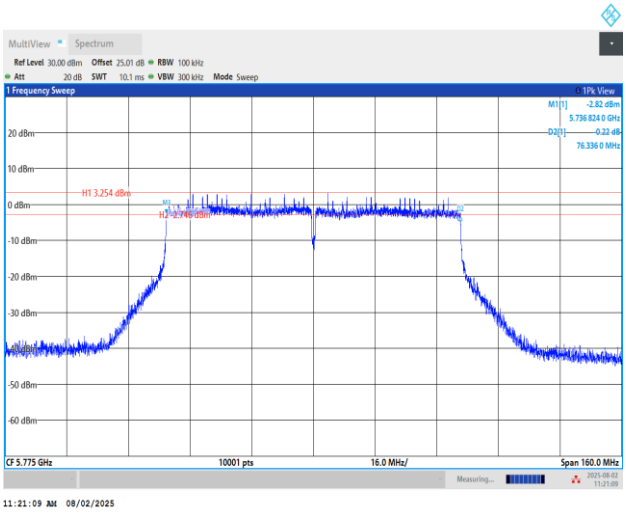
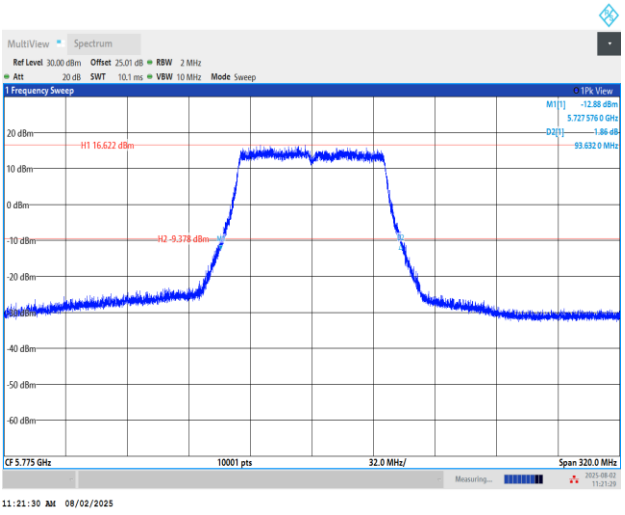
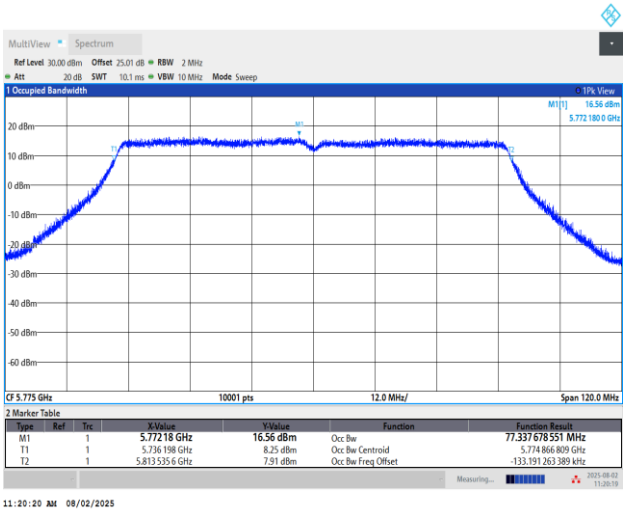
<802.11n HT20>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

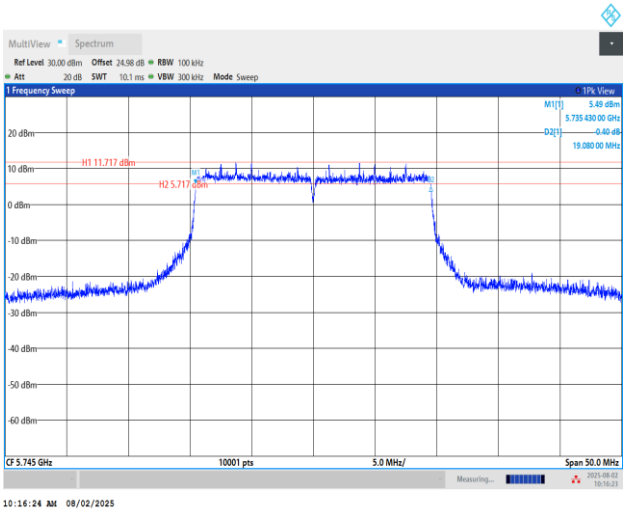
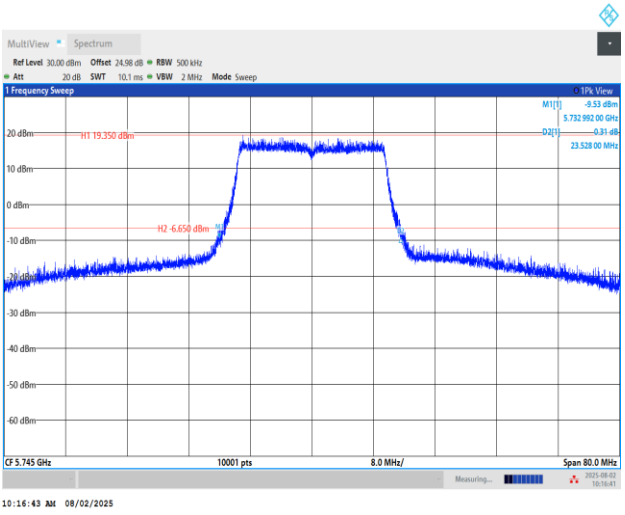
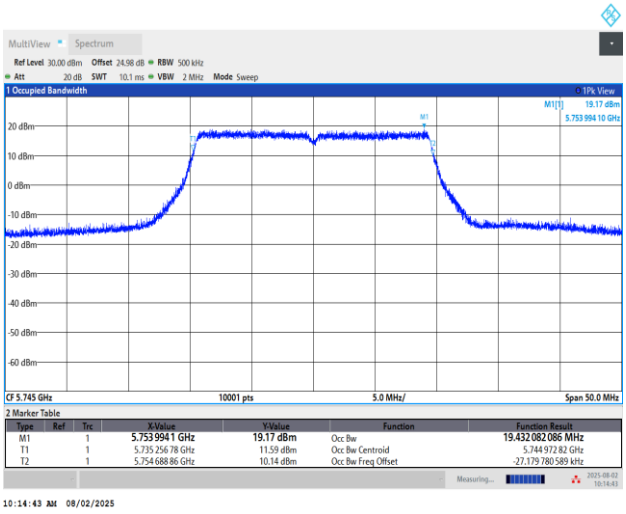
<802.11n HT40>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

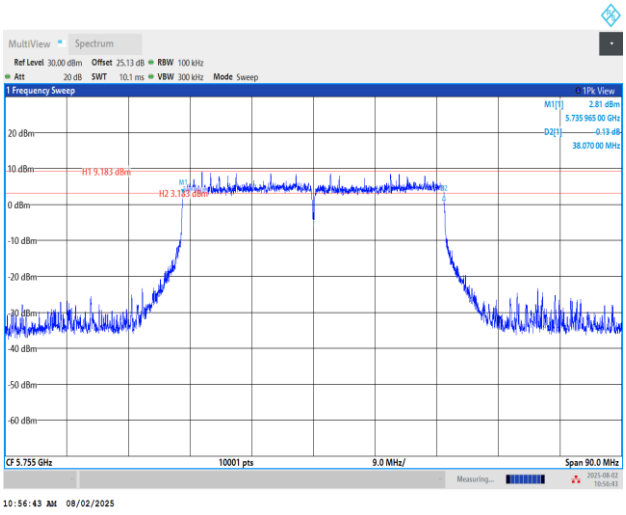
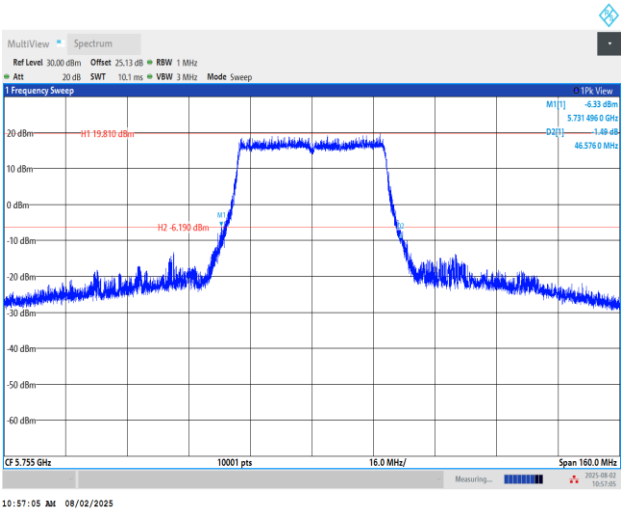
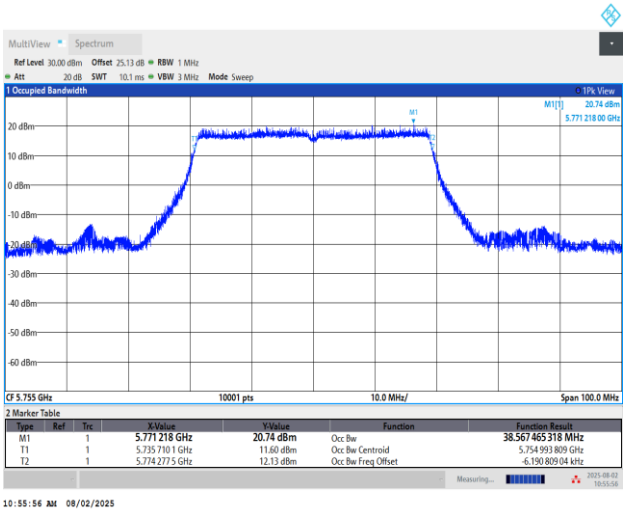
<802.11ac VHT80>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

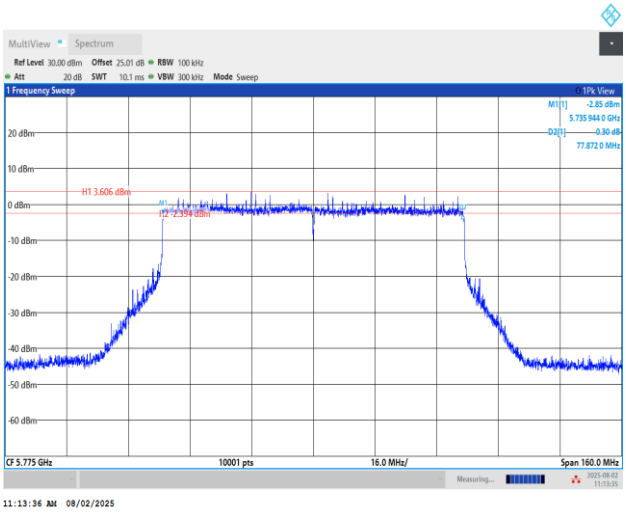
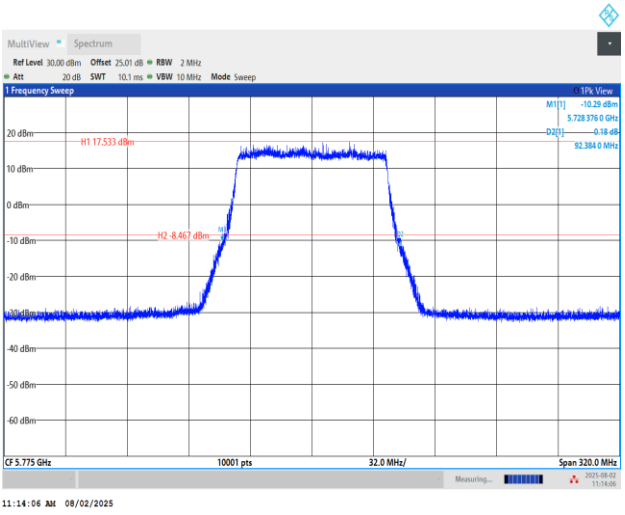
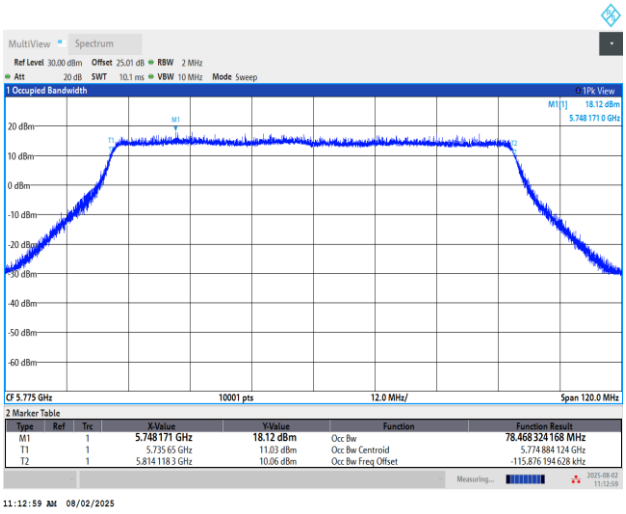
<802.11be EHT20>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11be EHT40>

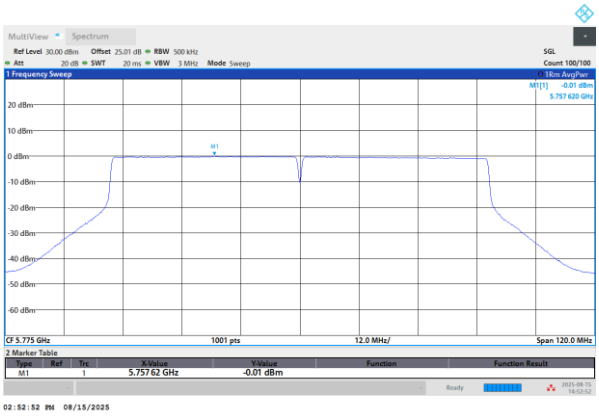
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11be EHT80>

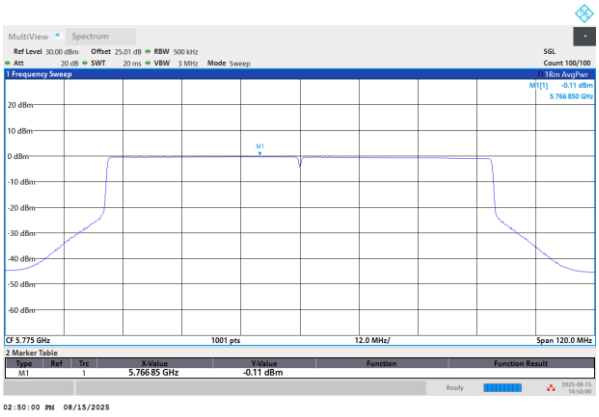
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

<802.11ac VHT80>

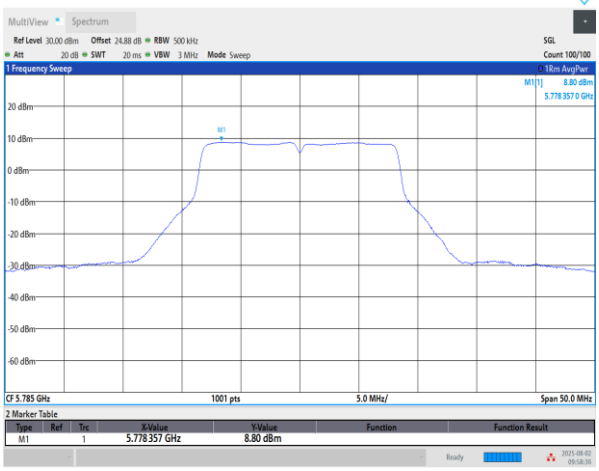
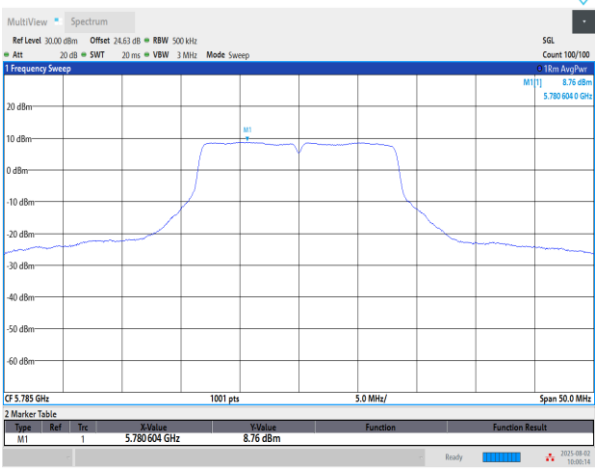
Maximum Power Density Plot (dBm/500kHz)	
SISO Ant. 1	**-**
	

<802.11be EHT80>

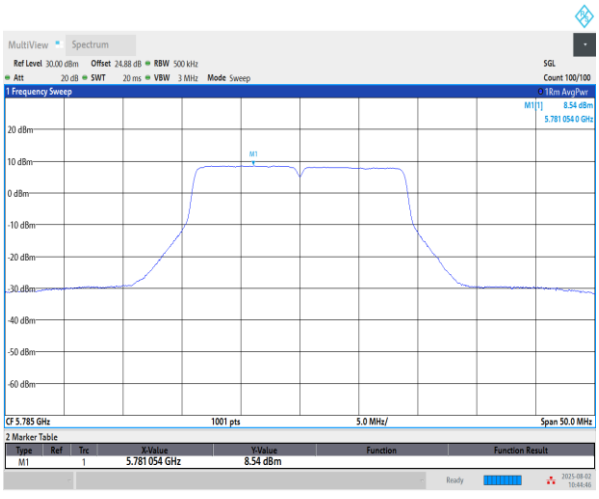
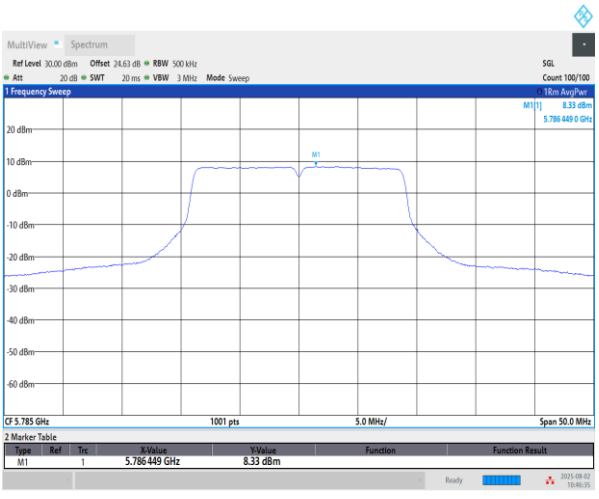
Maximum Power Density Plot (dBm/500kHz)	
SISO Ant. 1	**-**
	

Test Result of Power Spectral Density

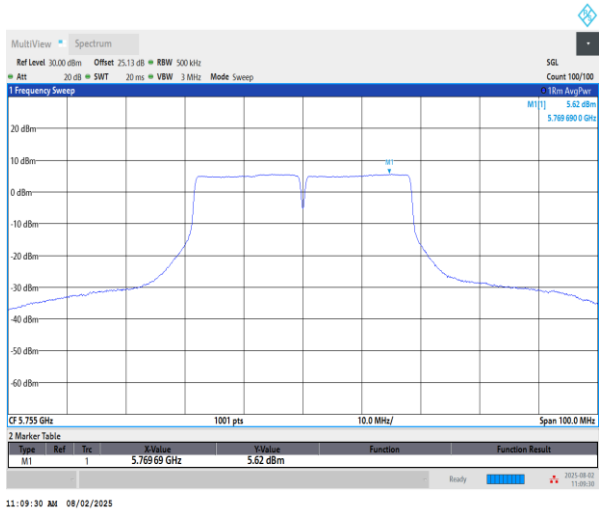
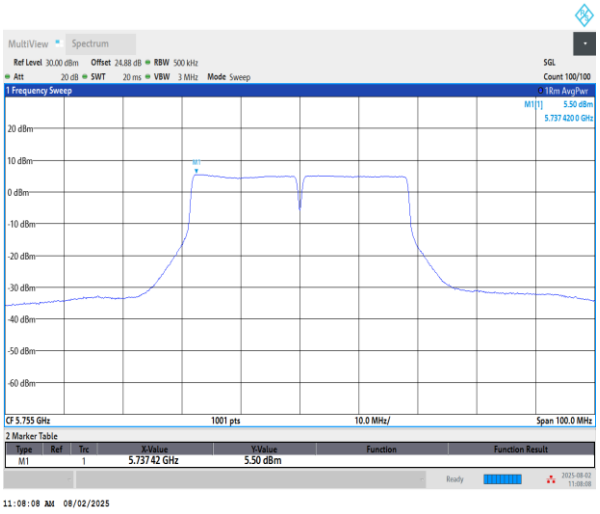
<802.11a>

Maximum Power Density Plot (dBm/500kHz)	
MIMO Ant. 1	**MIMO Ant. 2**
	

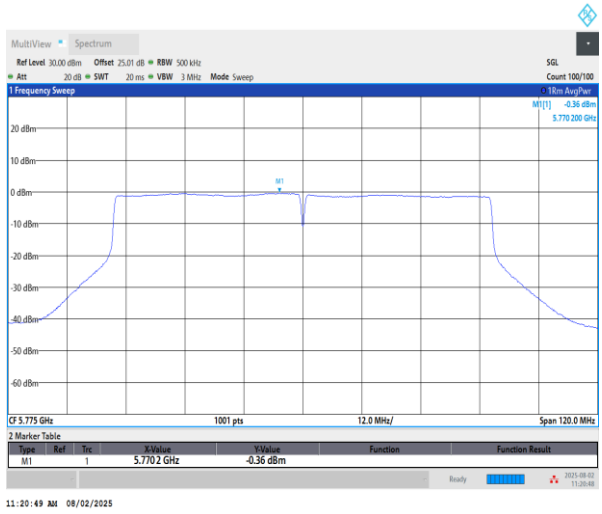
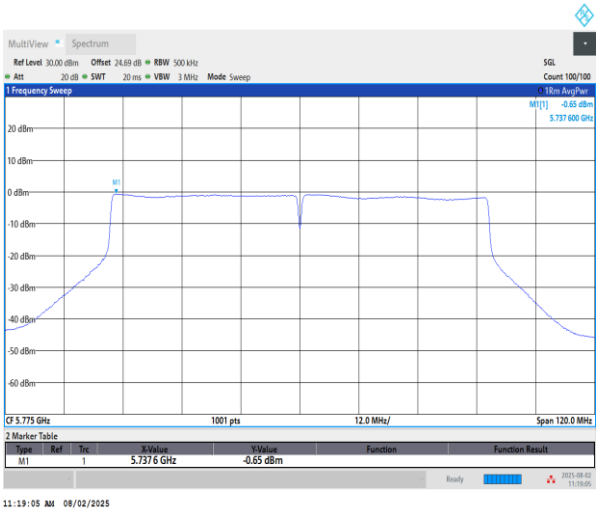
<802.11n HT20>

Maximum Power Density Plot (dBm/500kHz)	
MIMO Ant. 1	**MIMO Ant. 2**
	

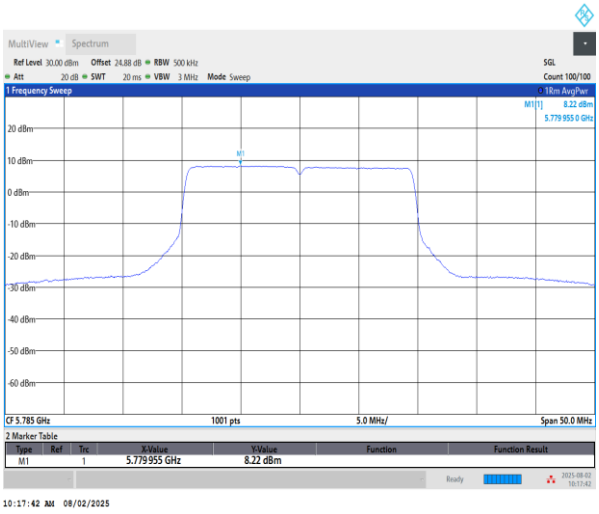
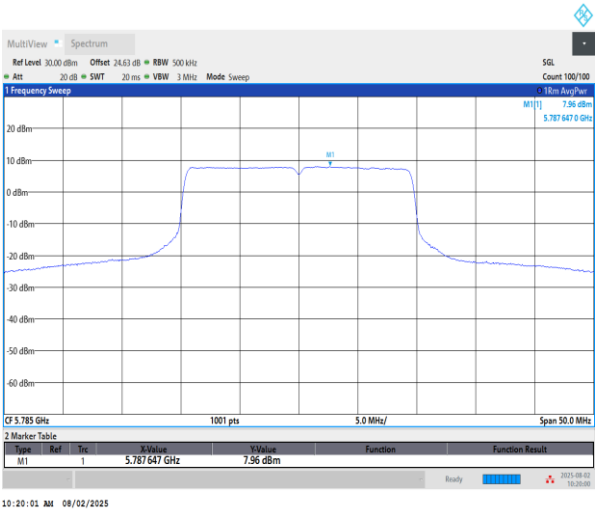
<802.11n HT40>

Maximum Power Density Plot (dBm/500kHz)	
MIMO Ant. 1	MIMO Ant. 2
	

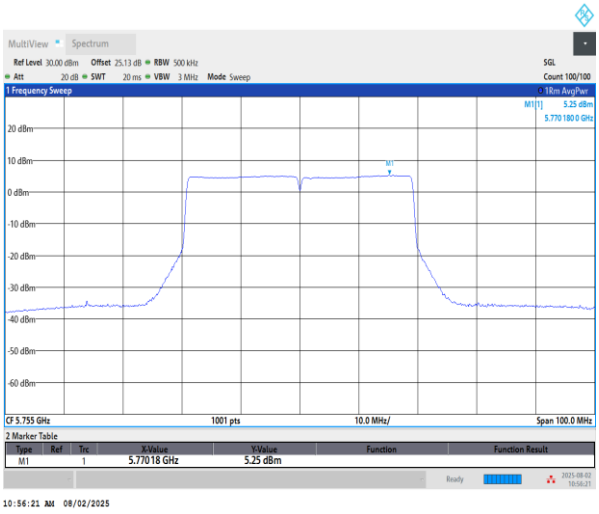
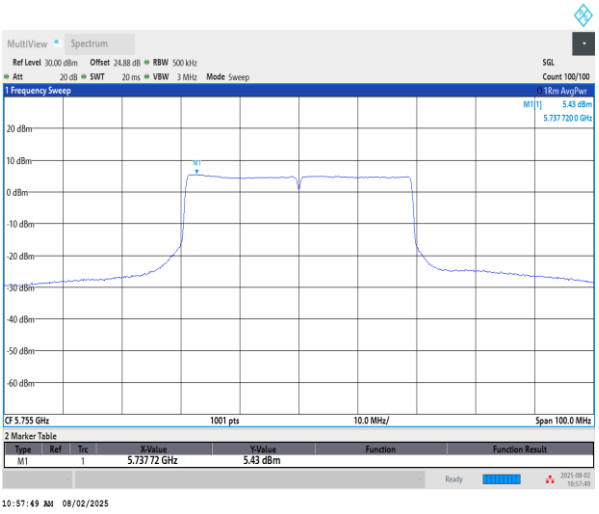
<802.11ac VHT80>

Maximum Power Density Plot (dBm/500kHz)	
MIMO Ant. 1	MIMO Ant. 2
	

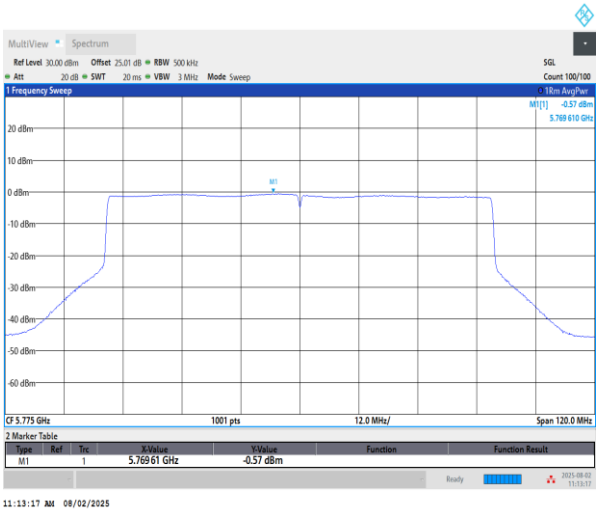
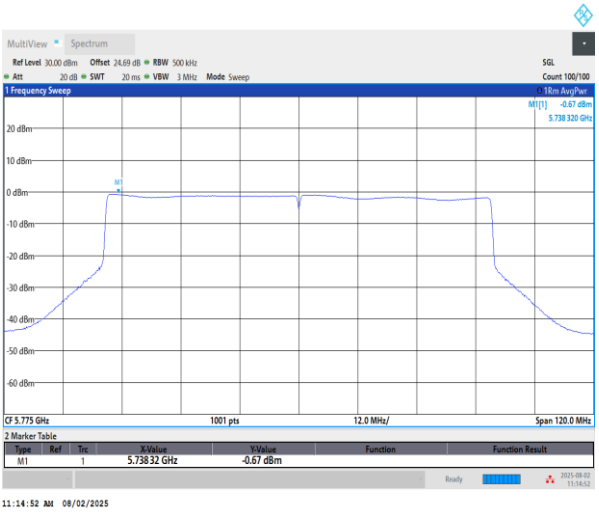
<802.11be EHT20>

Maximum Power Density Plot (dBm/500kHz)	
MIMO Ant. 1	MIMO Ant. 2
	

<802.11be EHT40>

Maximum Power Density Plot (dBm/500kHz)	
MIMO Ant. 1	MIMO Ant. 2
	

<802.11be EHT80>

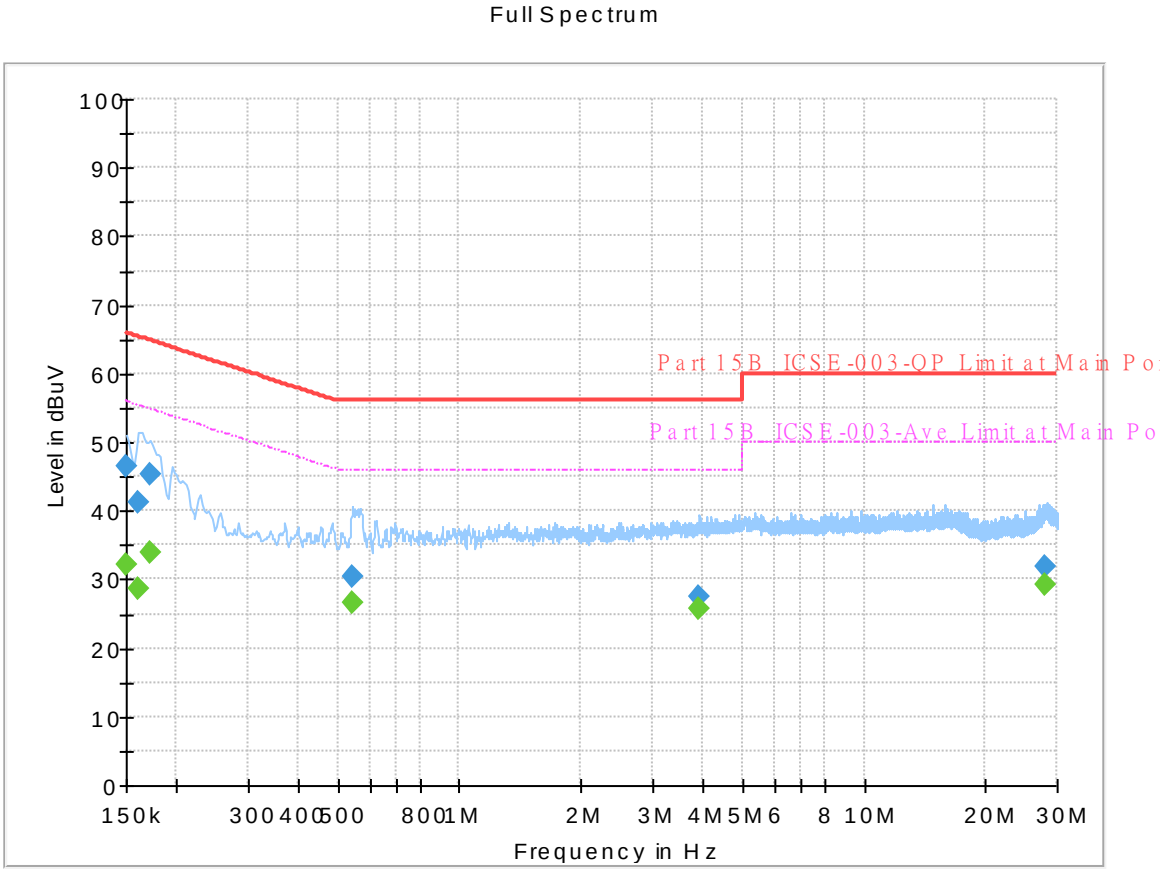
Maximum Power Density Plot (dBm/500kHz)	
MIMO Ant. 1	**MIMO Ant. 2**
	

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	562407
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

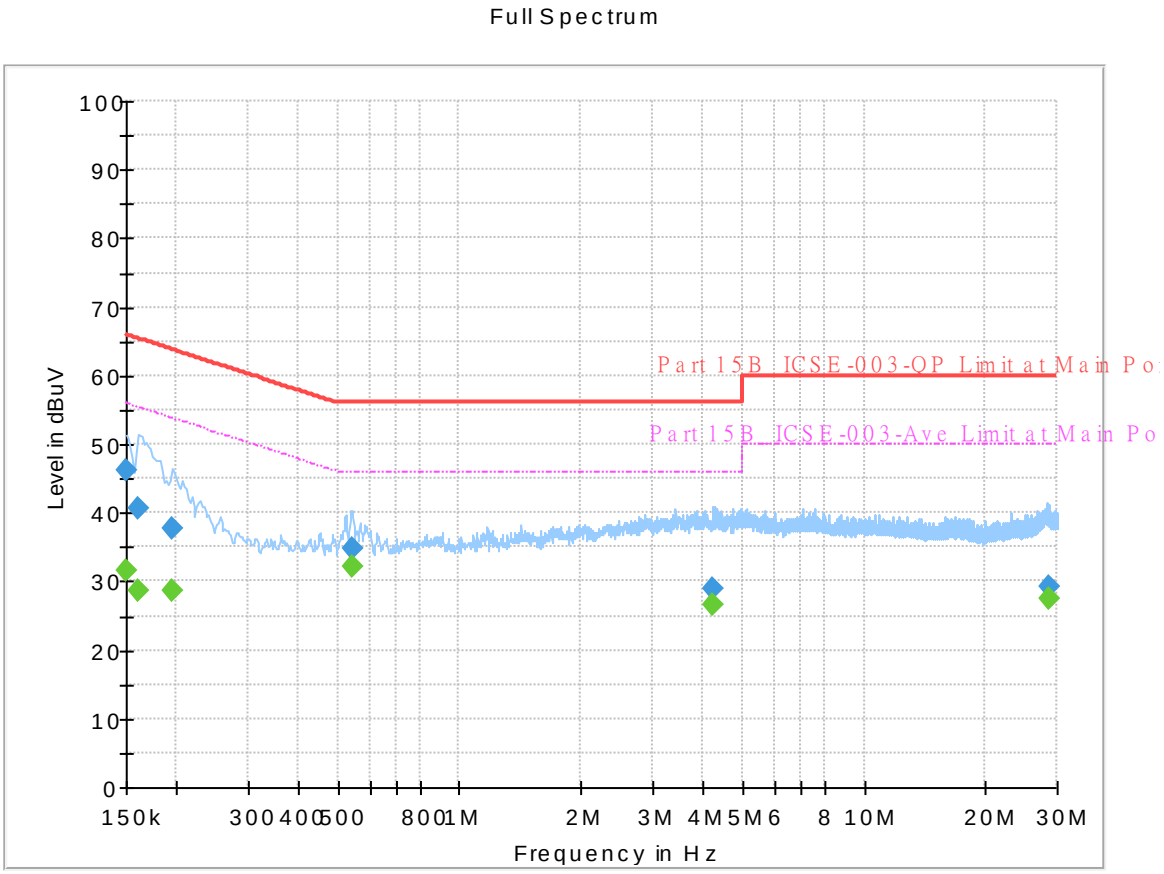


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	32.09	56.00	23.91	L1	OFF	19.8
0.150000	46.56	---	66.00	19.44	L1	OFF	19.8
0.161250	---	28.80	55.40	26.60	L1	OFF	19.8
0.161250	41.17	---	65.40	24.23	L1	OFF	19.8
0.172500	---	33.89	54.84	20.95	L1	OFF	19.8
0.172500	45.26	---	64.84	19.58	L1	OFF	19.8
0.543750	---	26.63	46.00	19.37	L1	OFF	19.8
0.543750	30.33	---	56.00	25.67	L1	OFF	19.8
3.923250	---	25.74	46.00	20.26	L1	OFF	20.0
3.923250	27.44	---	56.00	28.56	L1	OFF	20.0
27.987000	---	29.24	50.00	20.76	L1	OFF	20.8
27.987000	31.94	---	60.00	28.06	L1	OFF	20.8

EUT Information

Report NO :	562407
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	31.72	56.00	24.28	N	OFF	19.8
0.150000	46.24	---	66.00	19.76	N	OFF	19.8
0.161250	---	28.58	55.40	26.82	N	OFF	19.8
0.161250	40.78	---	65.40	24.62	N	OFF	19.8
0.195000	---	28.78	53.82	25.04	N	OFF	19.8
0.195000	37.67	---	63.82	26.15	N	OFF	19.8
0.543750	---	32.07	46.00	13.93	N	OFF	19.8
0.543750	34.83	---	56.00	21.17	N	OFF	19.8
4.218000	---	26.73	46.00	19.27	N	OFF	20.0
4.218000	29.04	---	56.00	26.96	N	OFF	20.0
28.790250	---	27.36	50.00	22.64	N	OFF	20.9
28.790250	29.36	---	60.00	30.64	N	OFF	20.9

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Daniel Lee, Fu Chen, and Troye Hsieh.	**Temperature :**	19.1~20.9°C
		Relative Humidity :	51.4~66.5%

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-3	5.725-5.85	1+2(CDD)	802.11a	149	5745	6Mbps	-	-
Mode 2	U-NII-3	5.725-5.85	1+2(CDD)	802.11a	157	5785	6Mbps	-	-
Mode 3	U-NII-3	5.725-5.85	1+2(CDD)	802.11a	161	5805	6Mbps	-	-
Mode 4	U-NII-3	5.725-5.85	1+2(CDD)	802.11n HT20	149	5745	MCS0	-	-
Mode 5	U-NII-3	5.725-5.85	1+2(CDD)	802.11n HT20	157	5785	MCS0	-	-
Mode 6	U-NII-3	5.725-5.85	1+2(CDD)	802.11n HT20	161	5805	MCS0	-	-
Mode 7	U-NII-3	5.725-5.85	1+2(CDD)	802.11n HT40	151	5755	MCS0	-	-
Mode 8	U-NII-3	5.725-5.85	1+2(CDD)	802.11n HT40	159	5795	MCS0	-	-
Mode 9	U-NII-3	5.725-5.85	1+2(CDD)	802.11ac VHT80	155	5775	MCS0	-	-
Mode 10	U-NII-3	5.725-5.85	1+2(CDD)	802.11be EHT20	149	5745	MCS0	RU 242T	-
Mode 11	U-NII-3	5.725-5.85	1+2(CDD)	802.11be EHT20	157	5785	MCS0	RU 242T	-
Mode 12	U-NII-3	5.725-5.85	1+2(CDD)	802.11be EHT20	161	5805	MCS0	RU 242T	-
Mode 13	U-NII-3	5.725-5.85	1+2(CDD)	802.11be EHT40	151	5755	MCS0	RU 484T	-
Mode 14	U-NII-3	5.725-5.85	1+2(CDD)	802.11be EHT40	159	5795	MCS0	RU 484T	-
Mode 15	U-NII-3	5.725-5.85	1+2(CDD)	802.11be EHT80	155	5775	MCS0	RU 996T	-
Mode 16	U-NII-3	5.725-5.85	1	802.11n HT40	159	5795	MCS0	-	-

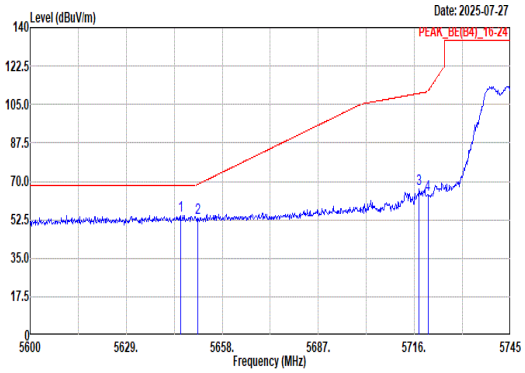
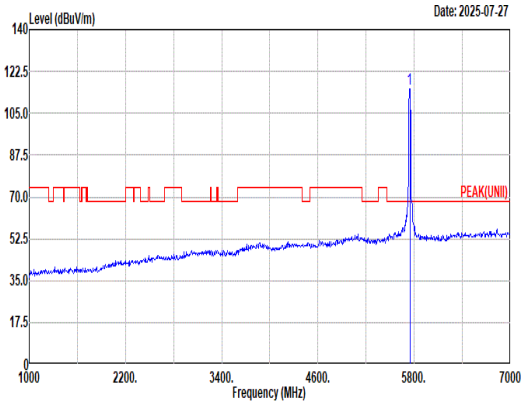
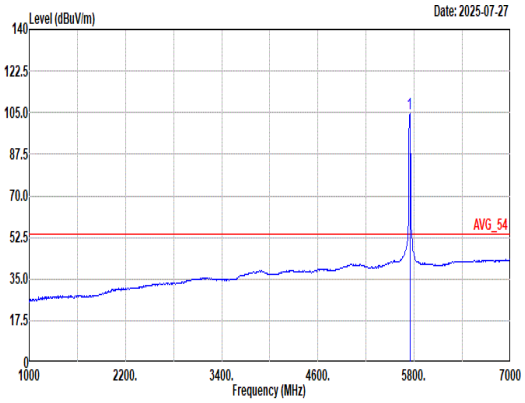
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 17	U-NII-3	5.725-5.85	1	802.11ac VHT80	155	5775	MCS0	-	-
Mode 18	U-NII-3	5.725-5.85	1	802.11be EHT40	159	5795	MCS0	RU 484T	-
Mode 19	U-NII-3	5.725-5.85	1	802.11be EHT80	155	5775	MCS0	RU 996T	-
Mode 20	U-NII-3	5.725-5.85	1+2(CDD)	802.11n HT40	159	5795	MCS0	-	SHF
Mode 21	U-NII-3	5.725-5.85	1+2(CDD)	802.11n HT40	159	5795	MCS0	-	LF

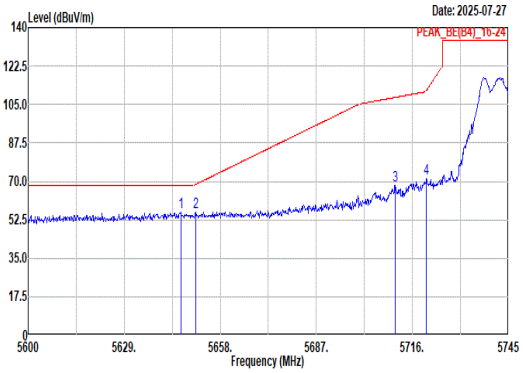
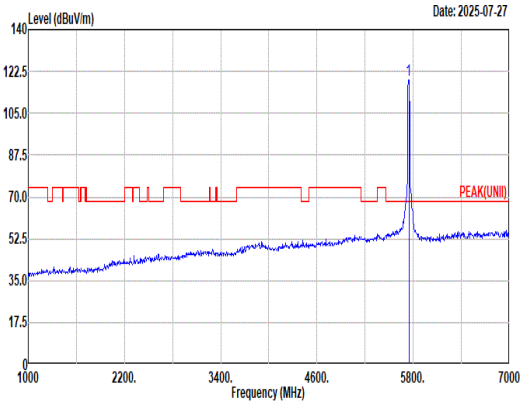
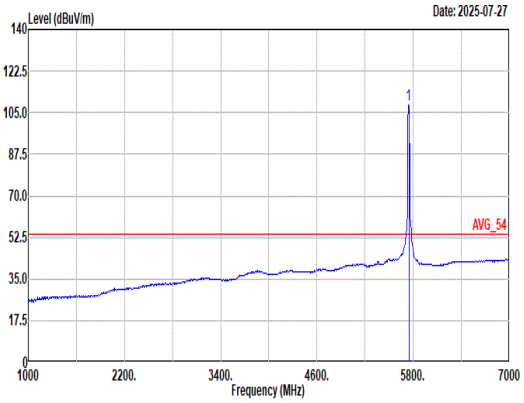
C2. Summary of each worse mode

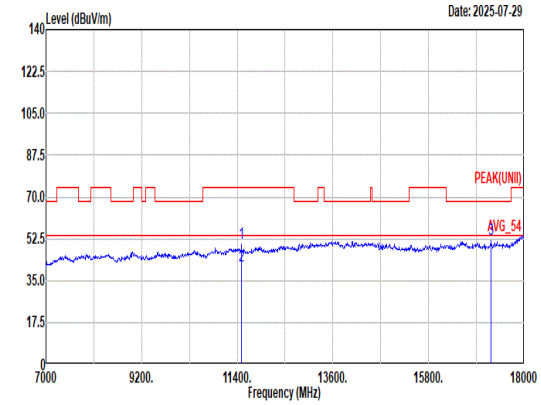
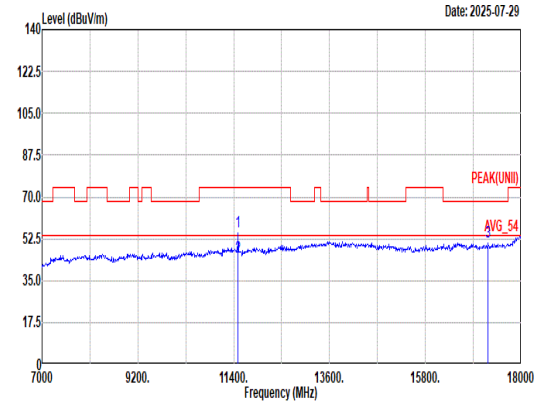
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	149	5646.11	55.99	68.20	-12.21	V	Peak	Pass	-	Band Edge
	802.11a	149	11490.00	44.88	54.00	-9.12	V	Avg.	Pass	-	Harmonic
2	802.11a	157	5648.29	56.48	68.20	-11.72	H	Peak	Pass	-	Band Edge
	802.11a	157	11570.00	43.21	54.00	-10.79	V	Avg.	Pass	-	Harmonic
3	802.11a	161	5925.50	52.95	68.20	-15.25	H	Peak	Pass	-	Band Edge
	802.11a	161	11610.00	45.41	54.00	-8.59	V	Avg.	Pass	-	Harmonic
4	802.11n HT20	149	5648.29	55.91	68.20	-12.29	V	Peak	Pass	-	Band Edge
	802.11n HT20	149	11490.00	44.83	54.00	-9.17	V	Avg.	Pass	-	Harmonic
5	802.11n HT20	157	5648.10	55.62	68.20	-12.58	V	Peak	Pass	-	Band Edge
	802.11n HT20	157	11570.00	43.60	54.00	-10.40	V	Avg.	Pass	-	Harmonic
6	802.11n HT20	161	5932.75	52.09	68.20	-16.11	V	Peak	Pass	-	Band Edge
	802.11n HT20	161	11610.00	46.04	54.00	-7.96	V	Avg.	Pass	-	Harmonic
7	802.11n HT40	151	5641.70	59.27	68.20	-8.93	V	Peak	Pass	-	Band Edge
	802.11n HT40	151	-	-	-	-	-	-	-	-	Harmonic
8	802.11n HT40	159	5643.29	67.28	68.20	-0.92	V	Peak	Pass	-	Band Edge
	802.11n HT40	159	-	-	-	-	-	-	-	-	Harmonic

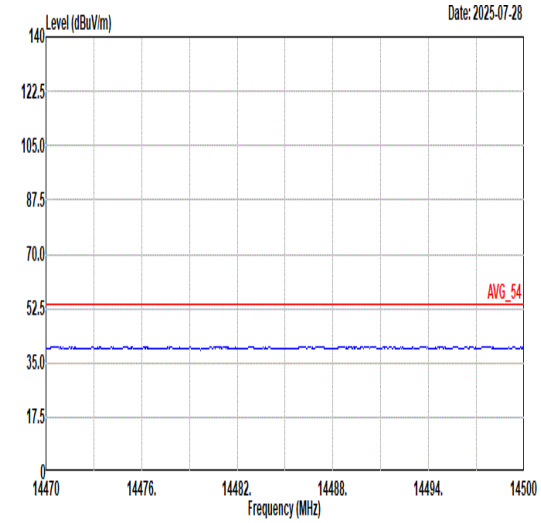
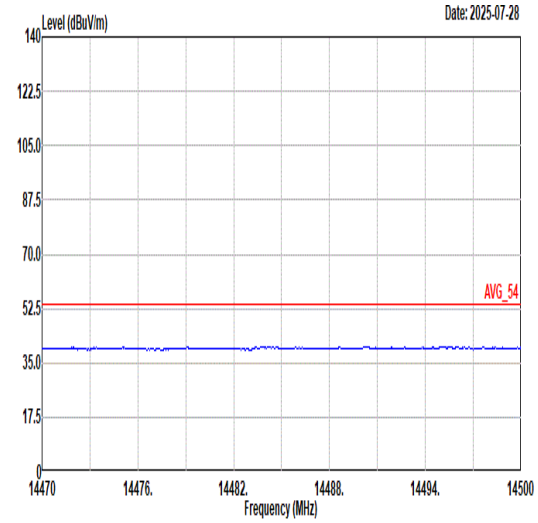
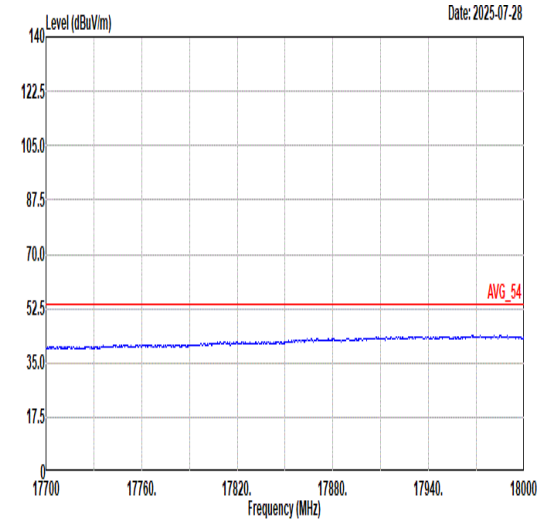
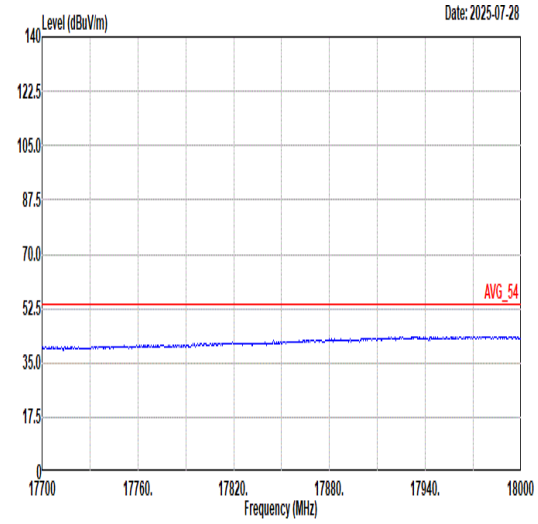
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
9	802.11ac VHT80	155	5645.68	63.73	68.20	-4.47	V	Peak	Pass	-	Band Edge
	802.11ac VHT80	155	-	-	-	-	-	-	-	-	Harmonic
10	802.11be EHT20	149	5642.34	55.15	68.20	-13.05	V	Peak	Pass	RU 242T	Band Edge
	802.11be EHT20	149	11490.00	47.42	54.00	-6.58	V	Avg.	Pass	RU 242T	Harmonic
11	802.11be EHT20	157	5647.18	56.70	68.20	-11.50	V	Peak	Pass	RU 242T	Band Edge
	802.11be EHT20	157	11570.00	45.67	54.00	-8.33	V	Avg.	Pass	RU 242T	Harmonic
12	802.11be EHT20	161	5936.81	52.37	68.20	-15.83	H	Peak	Pass	RU 242T	Band Edge
	802.11be EHT20	161	11610.00	46.89	54.00	-7.11	V	Avg.	Pass	RU 242T	Harmonic
13	802.11be EHT40	151	5641.54	60.85	68.20	-7.35	V	Peak	Pass	RU 484T	Band Edge
	802.11be EHT40	151	-	-	-	-	-	-	-	-	Harmonic
14	802.11be EHT40	159	5645.05	65.21	68.20	-2.99	H	Peak	Pass	RU 484T	Band Edge
	802.11be EHT40	159	-	-	-	-	-	-	-	-	Harmonic
15	802.11be EHT80	155	5644.80	65.14	68.20	-3.06	V	Peak	Pass	RU 996T	Band Edge
	802.11be EHT80	155	-	-	-	-	-	-	-	-	Harmonic
16	802.11n HT40	159	5648.17	65.78	68.20	-2.42	V	Peak	Pass	-	Band Edge
	802.11n HT40	159	-	-	-	-	-	-	-	-	Harmonic

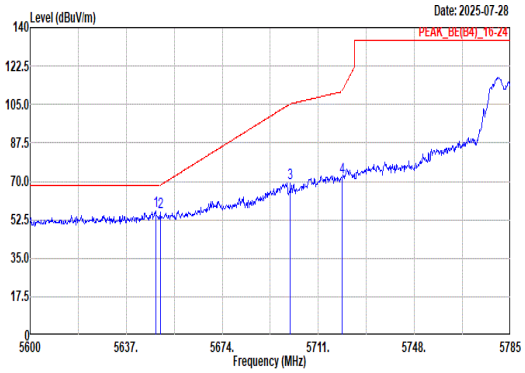
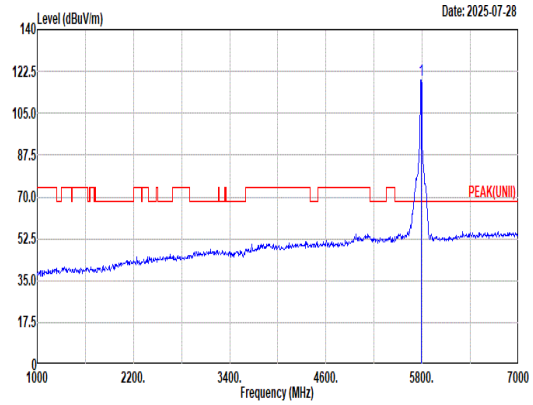
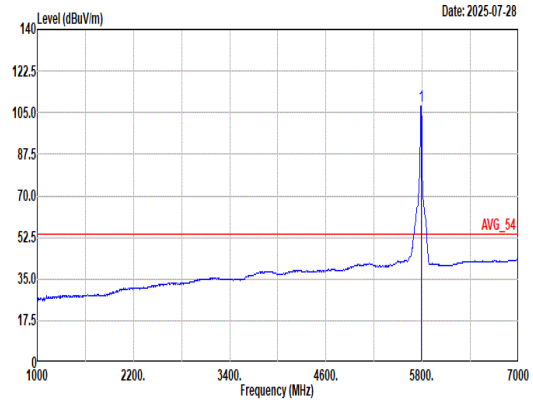
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
17	802.11ac VHT80	155	5644.63	57.47	68.20	-10.73	V	Peak	Pass	-	Band Edge
	802.11ac VHT80	155	-	-	-	-	-	-	-	-	Harmonic
18	802.11be EHT40	159	5647.78	62.05	68.20	-6.15	H	Peak	Pass	RU 484T	Band Edge
	802.11be EHT40	159	-	-	-	-	-	-	-	-	Harmonic
19	802.11be EHT80	155	5647.08	66.08	68.20	-2.12	V	Peak	Pass	RU 996T	Band Edge
	802.11be EHT80	155	-	-	-	-	-	-	-	-	Harmonic
20	802.11n HT40	159	34770.00	57.44	68.20	-10.76	V	Peak	Pass	-	SHF
21	802.11n HT40	159	30.97	33.68	40.00	-6.32	H	Peak	Pass	-	LF

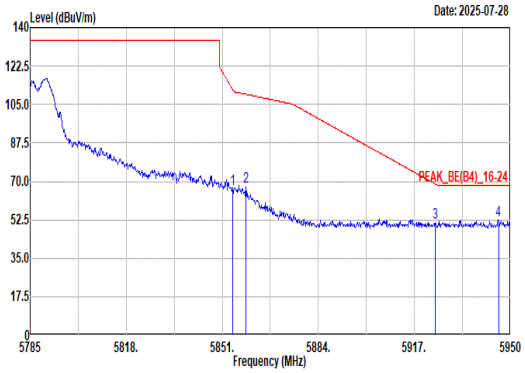
Mode	1	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5645.39 54.66 68.20 -13.54 44.13 32.98 10.34 32.79 0.00 200 340 Peak 2 5650.61 53.39 68.65 -15.26 42.85 33.00 10.33 32.79 0.00 200 340 Peak 3 5717.45 66.58 110.09 -43.51 55.74 33.43 10.22 32.81 0.00 200 340 Peak 4 5720.06 63.85 110.94 -47.09 53.00 33.44 10.22 32.81 0.00 200 340 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5745.00 115.35 ------ ------ 104.51 33.51 10.16 32.83 0.00 200 340 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5745.00 104.75 ------ ------ 93.91 33.49 10.17 32.82 0.00 200 340 Average

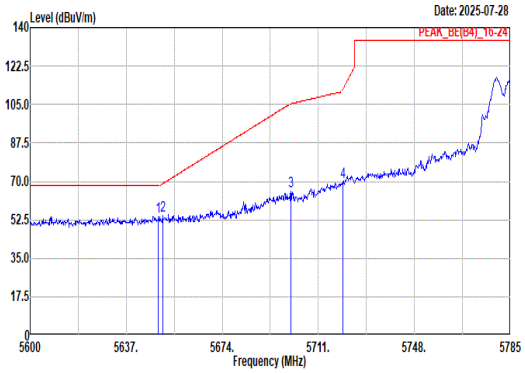
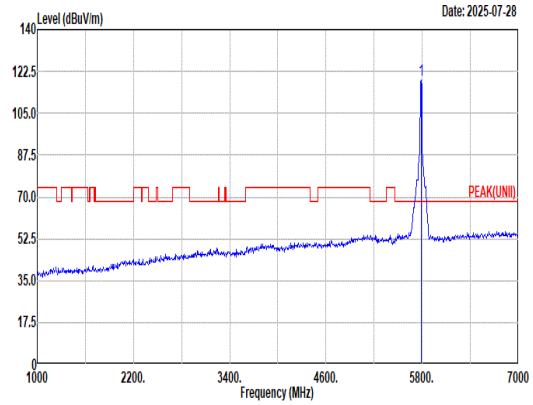
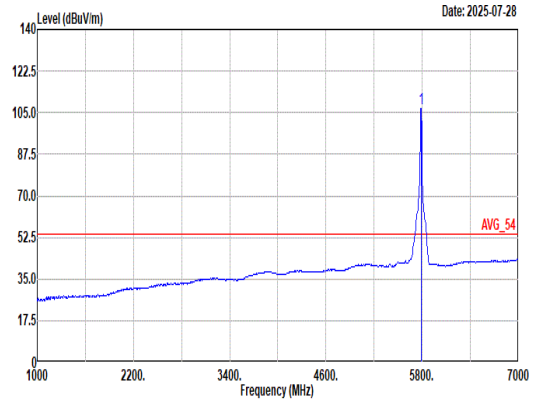
Mode	1	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5646.11 55.99 68.20 -12.21 45.46 32.98 10.34 32.79 0.00 313 230 Peak 2 5650.61 56.15 68.65 -12.50 45.61 33.00 10.33 32.79 0.00 313 230 Peak 3 5710.78 68.40 108.22 -39.82 57.56 33.42 10.23 32.81 0.00 313 230 Peak 4 5720.21 71.55 111.27 -39.72 60.70 33.44 10.22 32.81 0.00 313 230 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5745.00 119.11 ------ ------ 108.27 33.48 10.18 32.82 0.00 313 230 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5745.00 108.20 ------ ------ 97.36 33.48 10.18 32.82 0.00 313 230 Average

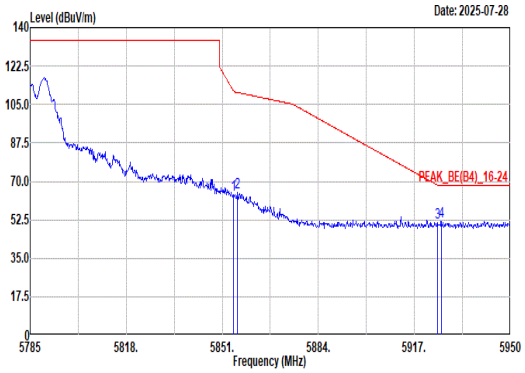
Mode	1	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11490.00 50.84 74.00 -23.16 60.13 38.98 17.48 66.11 0.36 285 345 Peak 2 11490.00 41.34 54.00 -12.66 50.63 38.98 17.48 66.11 0.36 285 345 Average 3 17235.00 52.48 68.20 -15.72 58.11 38.34 21.58 65.99 0.44 398 298 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 11490.00 55.73 74.00 -18.27 65.02 38.98 17.48 66.11 0.36 391 360 Peak 2 11490.00 44.88 54.00 -9.12 54.17 38.98 17.48 66.11 0.36 391 360 Average 3 17235.00 51.12 68.20 -17.08 56.75 38.34 21.58 65.99 0.44 202 323 Peak

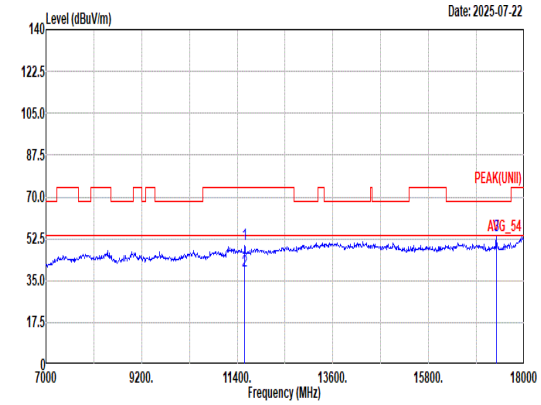
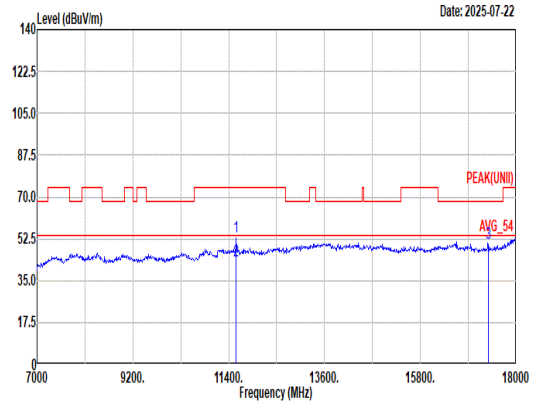
Mode	1	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL

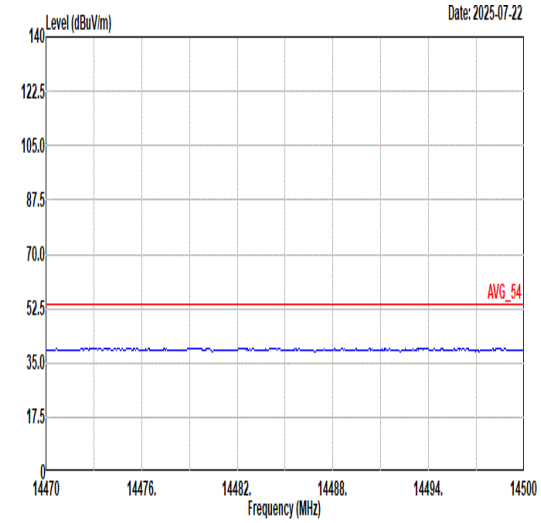
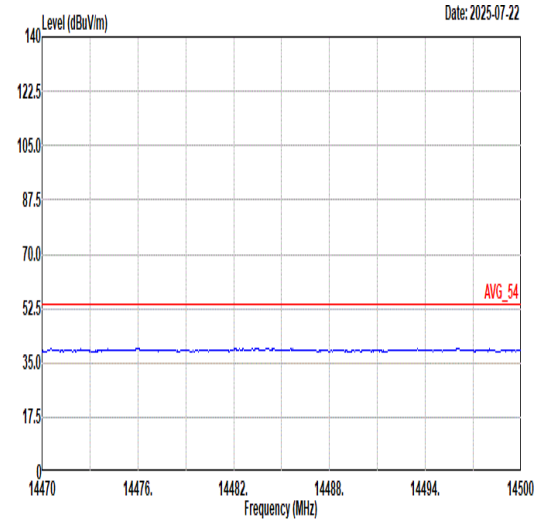
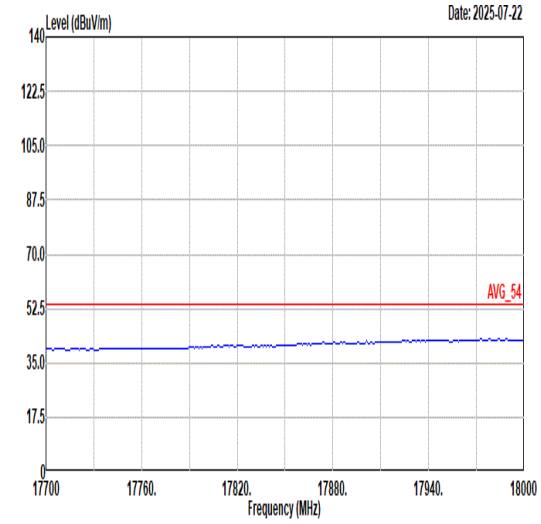
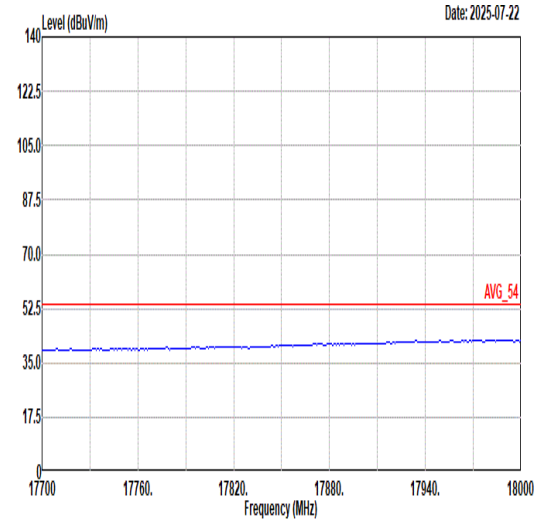
Mode	2	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5648.29 56.48 68.20 -11.72 45.94 32.99 10.34 32.79 0.00 100 190 Peak 2 5650.14 56.26 68.30 -12.04 45.72 33.00 10.33 32.79 0.00 100 190 Peak 3 5700.27 68.98 105.28 -36.30 58.14 33.40 10.25 32.81 0.00 100 190 Peak 4 5720.07 71.95 110.95 -39.00 61.10 33.44 10.22 32.81 0.00 100 190 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5785.00 118.78 ------ ------ 107.87 33.65 10.10 32.84 0.00 100 190 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5785.00 108.02 ------ ------ 97.11 33.65 10.10 32.84 0.00 100 190 Average

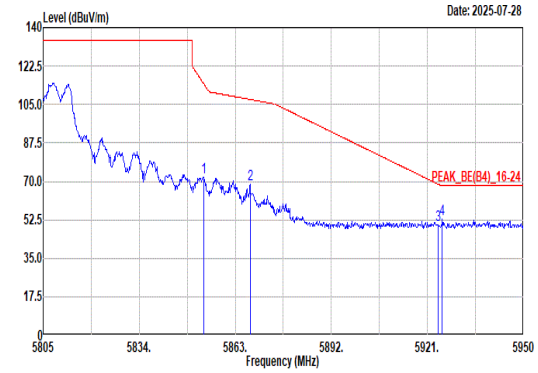
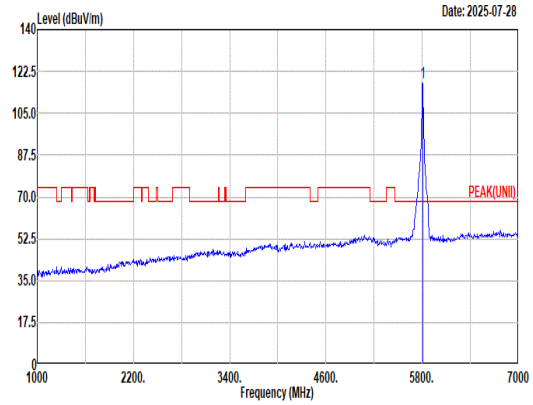
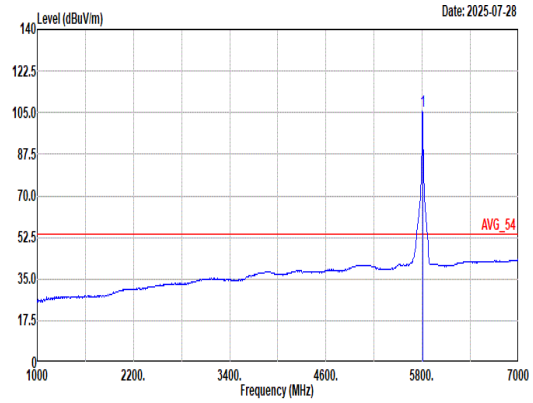
Mode	2	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.63 66.62 111.64 -45.02 55.21 34.02 10.25 32.86 0.00 100 190 Peak 2 5859.09 67.71 109.65 -41.94 56.27 34.04 10.27 32.87 0.00 100 190 Peak 3 5924.10 51.04 68.87 -17.83 39.25 34.20 10.48 32.89 0.00 100 190 Peak 4 5945.88 52.24 68.20 -15.96 40.39 34.20 10.55 32.90 0.00 100 190 Peak	Blank

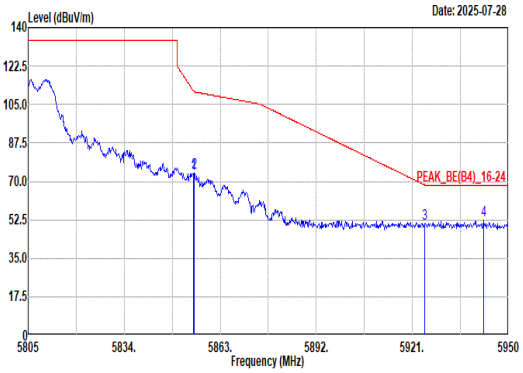
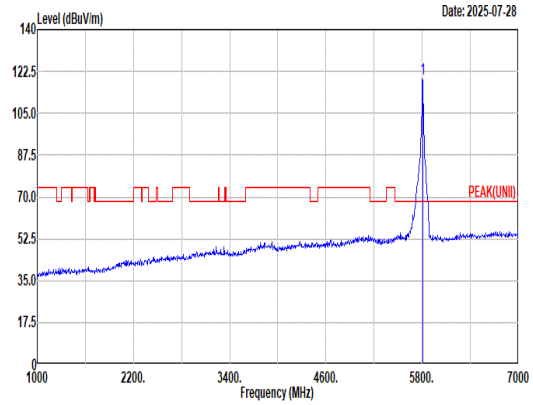
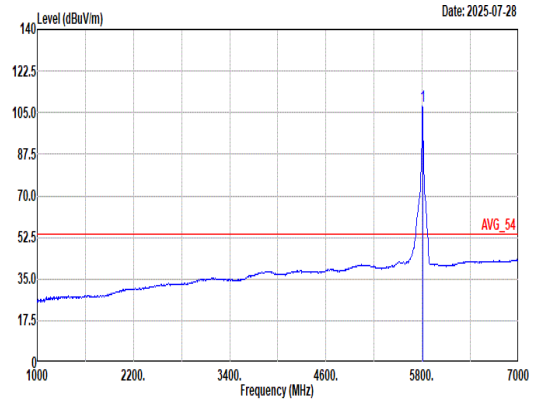
Mode	2	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5649.40 54.13 68.20 -14.07 43.58 33.00 10.34 32.79 0.00 100 176 Peak 2 5651.06 54.51 68.99 -14.48 43.96 33.01 10.33 32.79 0.00 100 176 Peak 3 5700.46 65.50 105.33 -39.83 54.66 33.40 10.25 32.81 0.00 100 176 Peak 4 5720.44 69.87 111.79 -41.92 59.02 33.44 10.22 32.81 0.00 100 176 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5785.00 118.90 ------ ------ 107.99 33.65 10.10 32.84 0.00 100 176 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5785.00 106.86 ------ ------ 95.95 33.65 10.10 32.84 0.00 100 176 Average

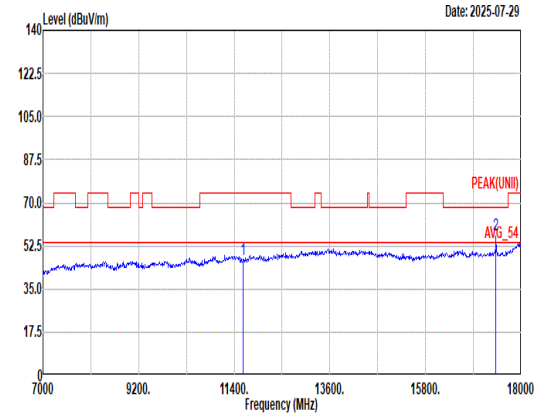
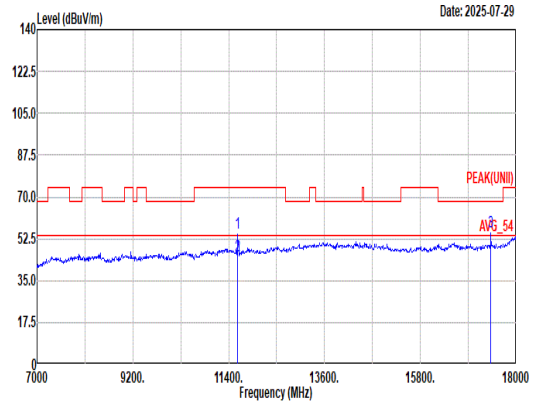
Mode	2	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.80 63.71 111.27 -47.56 52.29 34.02 10.26 32.86 0.00 100 176 Peak 2 5856.28 64.79 110.44 -45.65 53.37 34.03 10.26 32.87 0.00 100 176 Peak 3 5924.92 51.08 68.26 -17.18 39.29 34.20 10.48 32.89 0.00 100 176 Peak 4 5926.24 51.85 68.20 -16.35 40.06 34.20 10.48 32.89 0.00 100 176 Peak	Blank

Mode	2	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 11570.00 50.16 74.00 -23.84 59.64 38.68 17.55 66.07 0.36 197 35 Peak 2 11570.00 38.97 54.00 -15.03 48.45 38.68 17.55 66.07 0.36 197 35 Average 3 17355.00 53.72 68.20 -14.48 59.20 38.50 21.65 66.08 0.45 124 17 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 11570.00 53.53 74.00 -20.47 63.01 38.68 17.55 66.07 0.36 397 7 Peak 2 11570.00 43.21 54.00 -10.79 52.69 38.68 17.55 66.07 0.36 397 7 Average 3 17355.00 50.71 68.20 -17.49 56.19 38.50 21.65 66.08 0.45 200 330 Peak

Mode	2	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL

Mode	3	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH161_5805MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 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 5853.43 71.72 114.38 -42.66 60.32 34.01 10.25 32.86 0.00 300 170 Peak 2 5867.50 68.83 107.30 -38.47 57.33 34.07 10.30 32.87 0.00 300 170 Peak 3 5924.34 50.33 68.69 -18.36 38.54 34.20 10.48 32.89 0.00 300 170 Peak 4 5925.50 52.95 68.20 -15.25 41.16 34.20 10.48 32.89 0.00 300 170 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5805.00 117.92 ------ ------ 106.98 33.70 10.08 32.84 0.00 300 170 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5805.00 105.87 ------ ------ 94.93 33.70 10.08 32.84 0.00 300 170 Average

Mode	3	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH161_5805MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5854.88 73.26 111.07 -37.81 61.84 34.02 10.26 32.86 0.00 310 219 Peak 2 5855.17 73.91 110.75 -36.84 62.49 34.02 10.26 32.86 0.00 310 219 Peak 3 5924.77 50.75 68.37 -17.62 38.96 34.20 10.48 32.89 0.00 310 219 Peak 4 5942.61 52.08 68.20 -16.12 40.24 34.20 10.54 32.90 0.00 310 219 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5805.00 119.50 ------ ------ 108.56 33.70 10.08 32.84 0.00 310 219 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5805.00 107.93 ------ ------ 96.99 33.70 10.08 32.84 0.00 310 219 Average

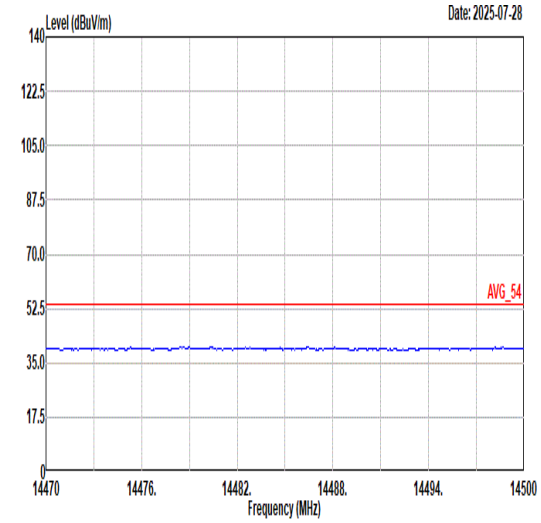
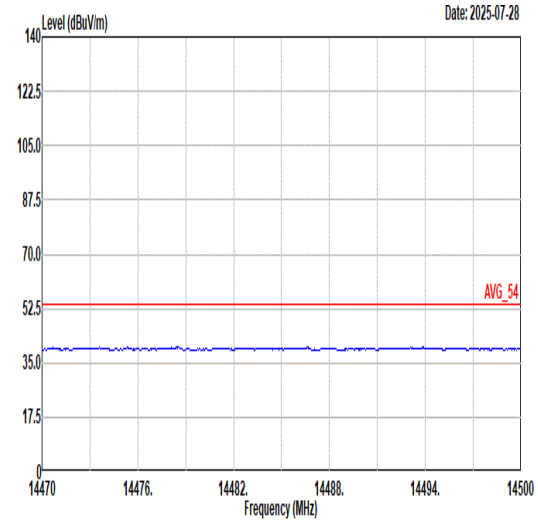
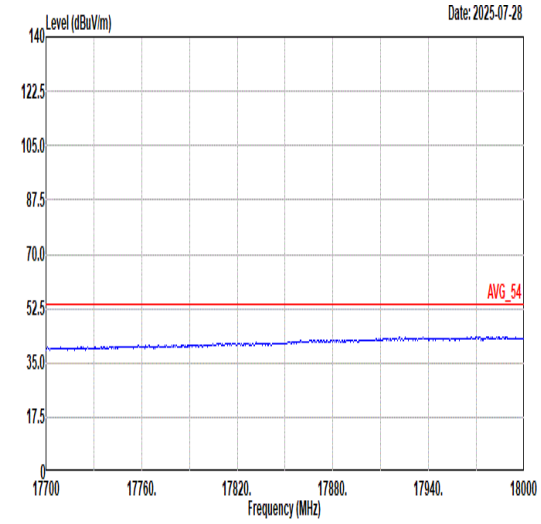
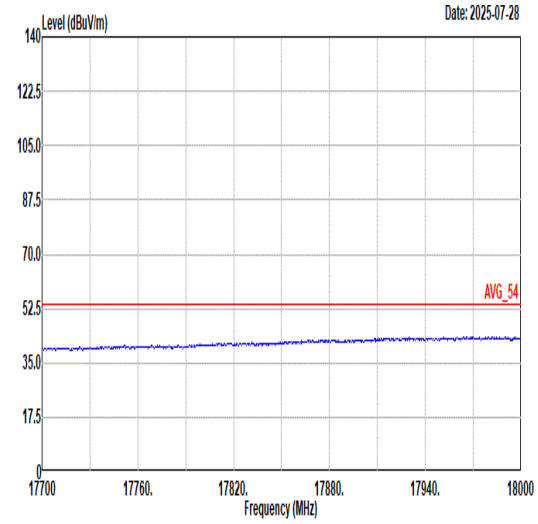
Mode	3	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH161_5805MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL

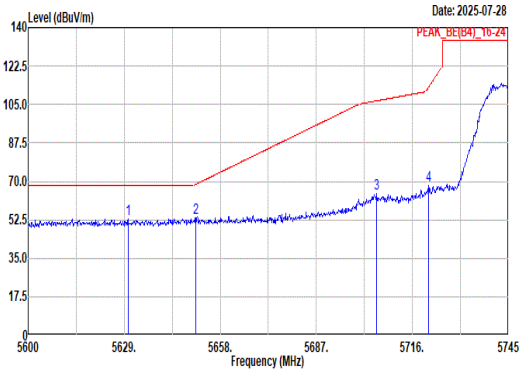
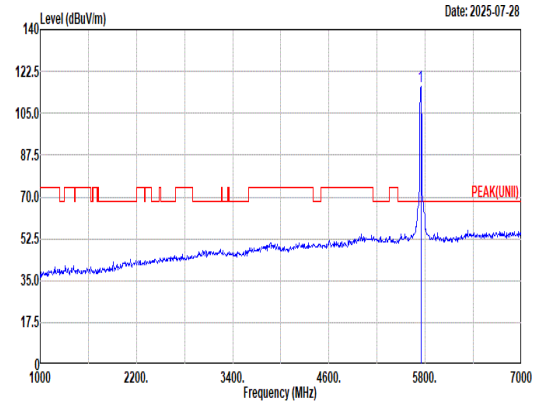
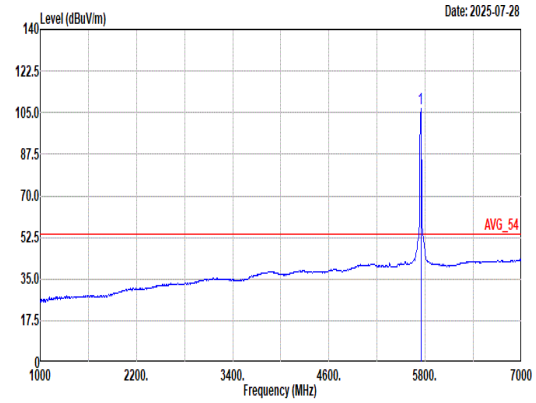
Horizontal:

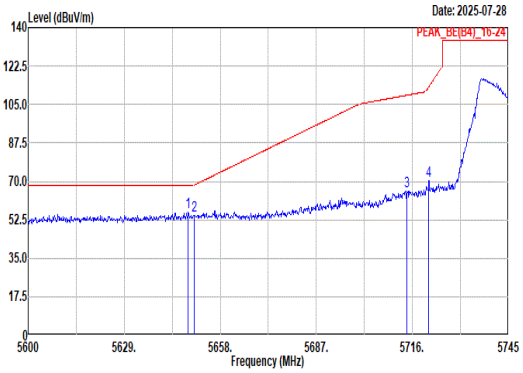
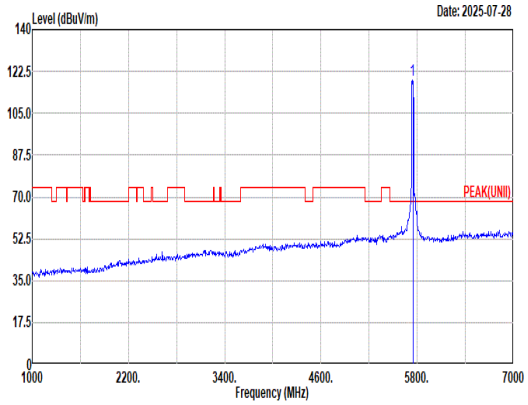
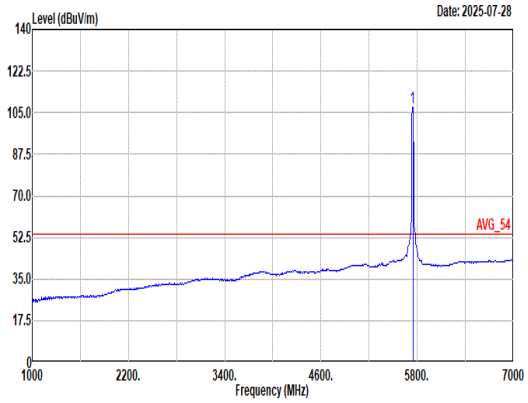
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11610.00	47.16	74.00	-26.84	56.79	38.48	17.58	66.06	0.37	--	--	Peak
2	17415.00	57.04	68.20	-11.16	62.53	38.50	21.69	66.13	0.45	300	61	Peak

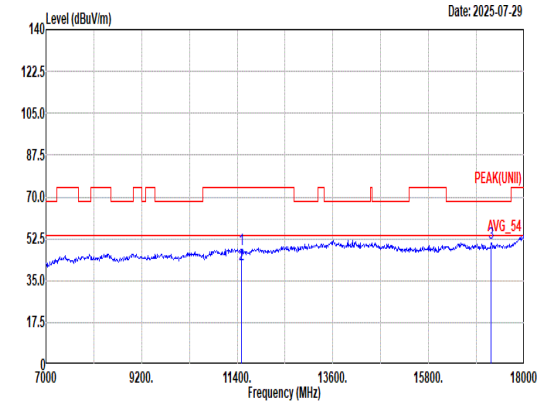
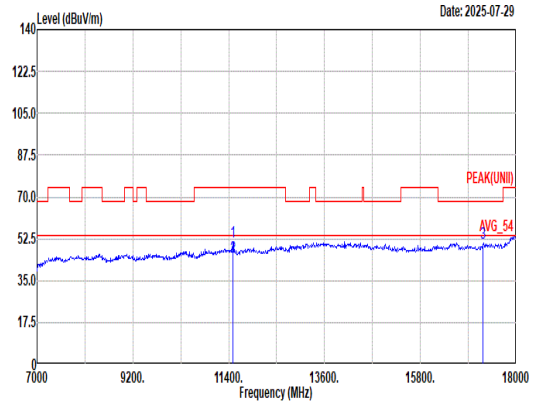
Vertical:

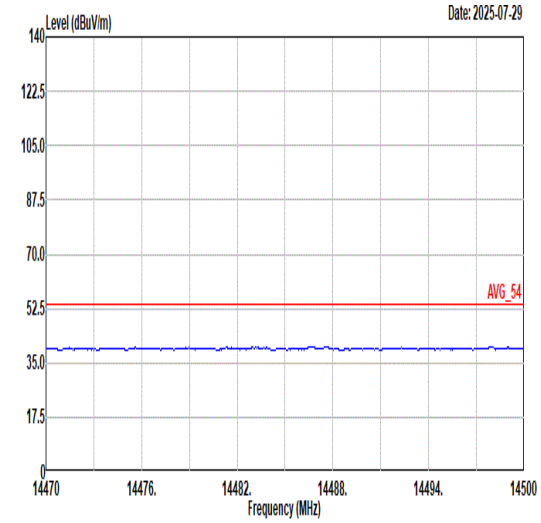
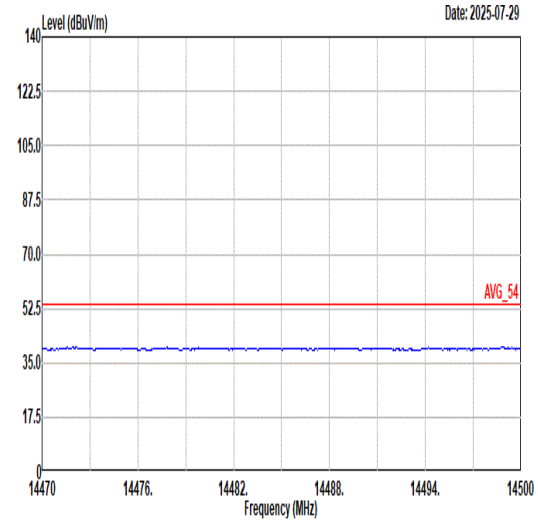
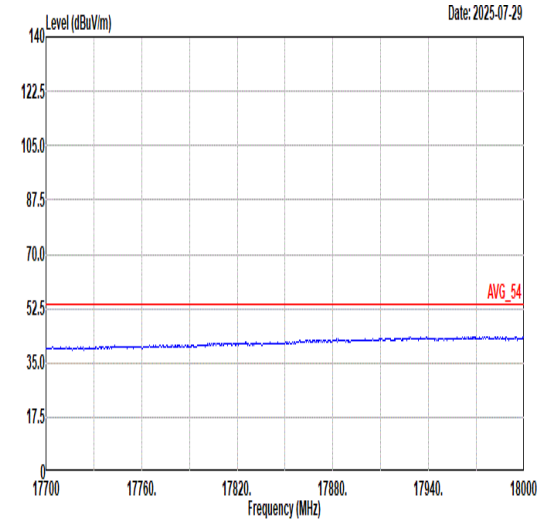
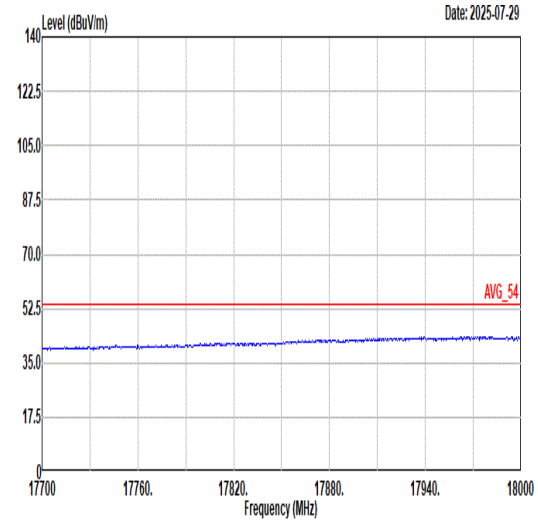
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11610.00	55.07	74.00	-18.93	64.70	38.48	17.58	66.06	0.37	383	8	Peak
2	11610.00	45.41	54.00	-8.59	55.04	38.48	17.58	66.06	0.37	383	8	Average
3	17415.00	55.73	68.20	-12.47	61.22	38.50	21.69	66.13	0.45	300	352	Peak

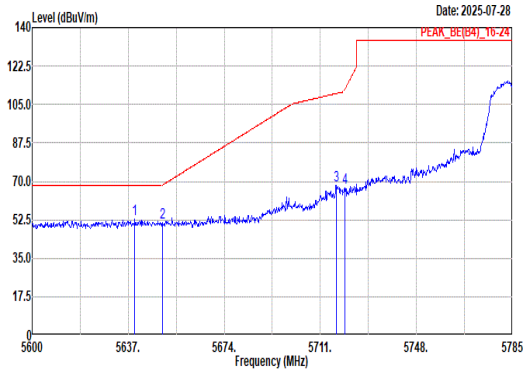
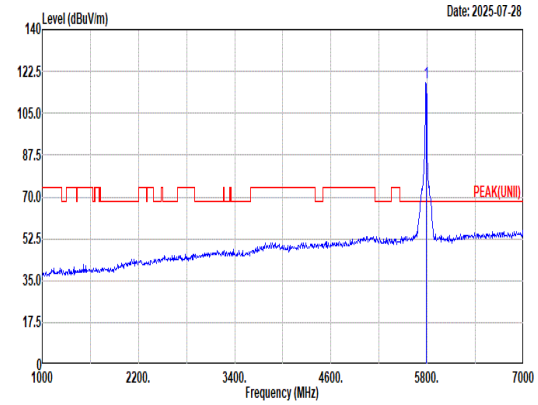
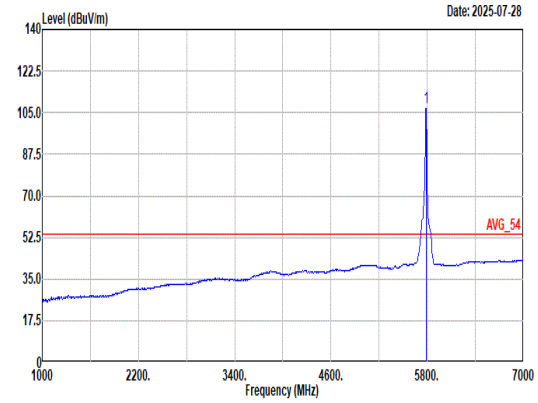
Mode	3	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH161_5805MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL

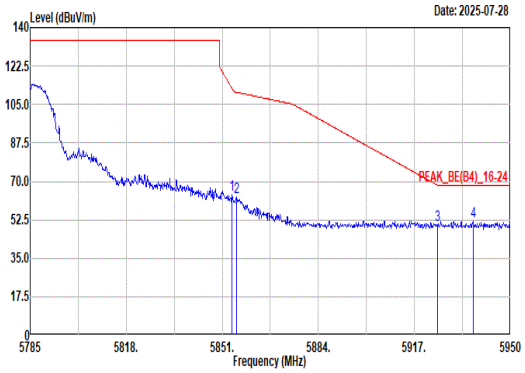
Mode	4	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5630.16 53.08 68.20 -15.12 42.57 32.92 10.37 32.78 0.00 300 249 Peak 2 5650.61 53.56 68.65 -15.09 43.02 33.00 10.33 32.79 0.00 300 249 Peak 3 5705.27 64.19 106.68 -42.49 53.35 33.41 10.24 32.81 0.00 300 249 Peak 4 5720.79 68.23 112.59 -44.36 57.39 33.44 10.21 32.81 0.00 300 249 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5745.00 116.41 ------ ------ 105.57 33.49 10.17 32.82 0.00 300 249 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5745.00 106.75 ------ ------ 95.91 33.49 10.17 32.82 0.00 300 249 Average

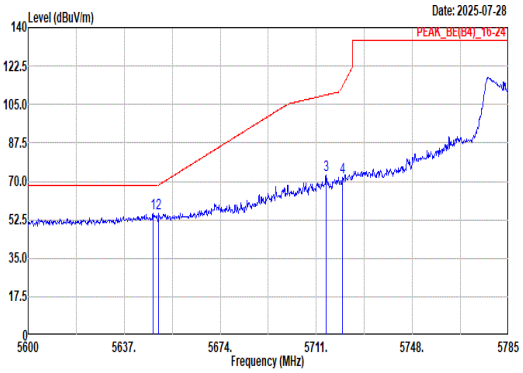
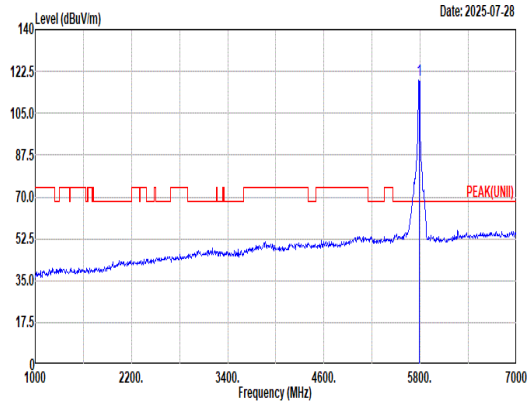
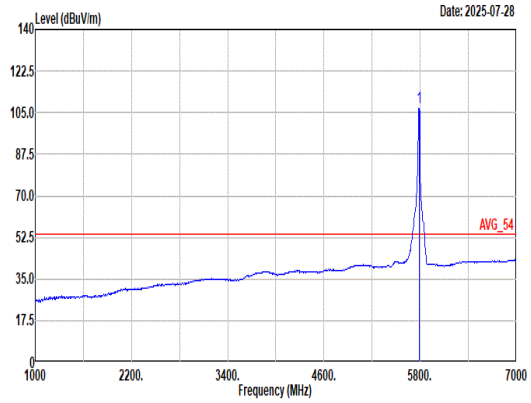
Mode	4	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.29 55.91 68.20 -12.29 45.37 32.99 10.34 32.79 0.00 315 232 Peak 2 5650.17 54.67 68.33 -13.66 44.13 33.00 10.33 32.79 0.00 315 232 Peak 3 5714.26 65.73 109.19 -43.46 54.88 33.43 10.23 32.81 0.00 315 232 Peak 4 5720.93 70.45 112.92 -42.47 59.61 33.44 10.21 32.81 0.00 315 232 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5745.00 118.72 ------ ------ 107.88 33.48 10.18 32.82 0.00 315 232 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5745.00 107.29 ------ ------ 96.45 33.51 10.16 32.83 0.00 315 232 Average

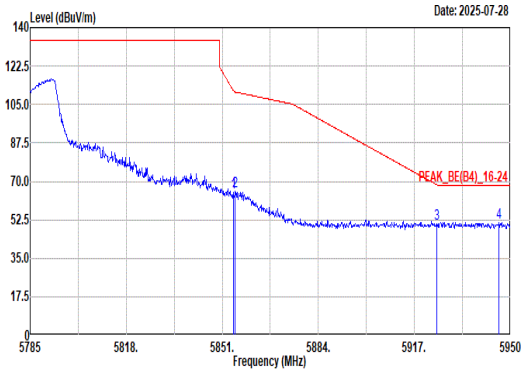
Mode	4	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 HORIZONTAL 1 11490.00 48.03 74.00 -25.97 57.32 38.98 17.48 66.11 0.36 250 350 Peak 2 11490.00 41.69 54.00 -12.31 50.98 38.98 17.48 66.11 0.36 250 350 Average 3 17235.00 50.76 68.20 -17.44 56.39 38.34 21.58 65.99 0.44 -- -- Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL 1 11490.00 51.30 74.00 -22.70 60.59 38.98 17.48 66.11 0.36 400 360 Peak 2 11490.00 44.83 54.00 -9.17 54.12 38.98 17.48 66.11 0.36 400 360 Average 3 17235.00 50.84 68.20 -17.36 56.47 38.34 21.58 65.99 0.44 -- -- Peak

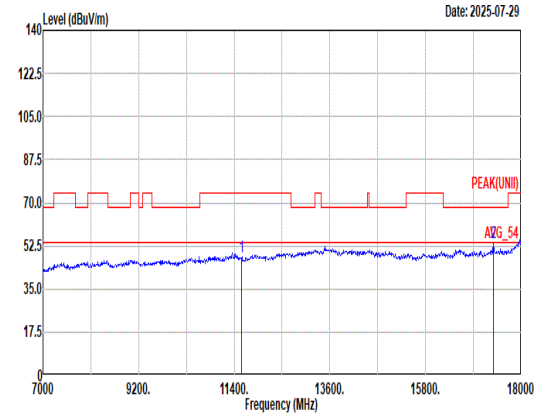
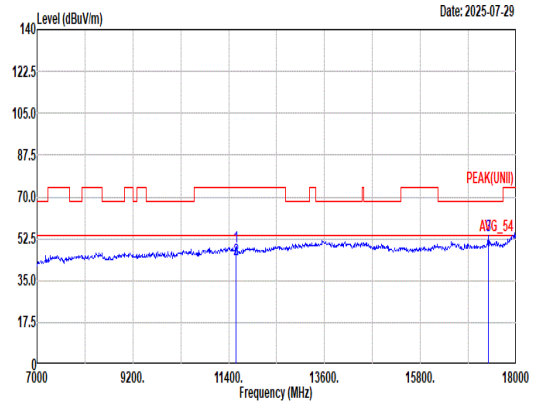
Mode	4	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL

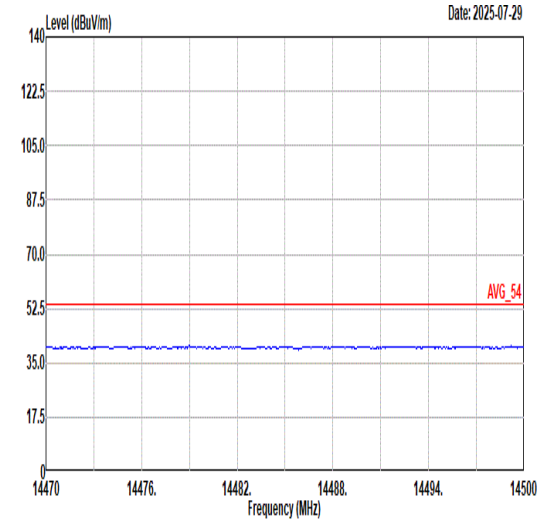
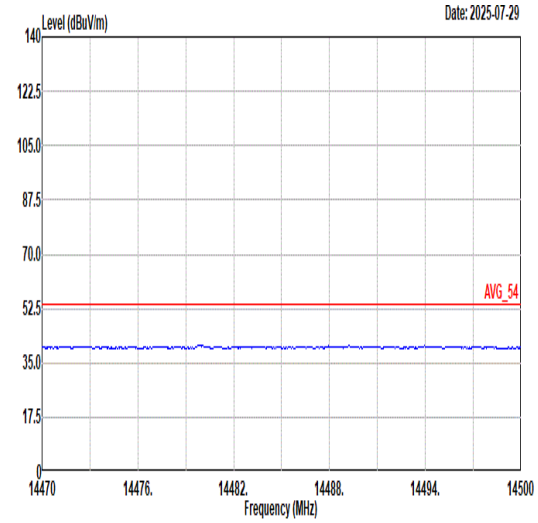
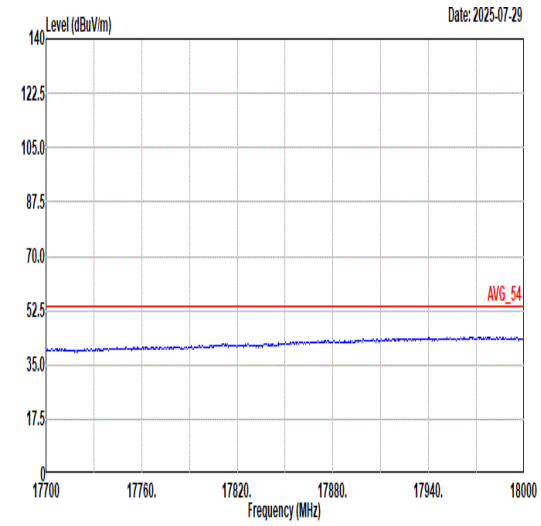
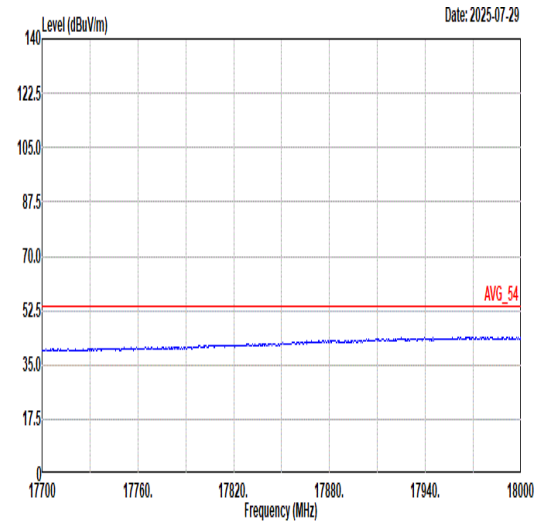
Mode	5	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5639.59 52.69 68.20 -15.51 42.16 32.96 10.35 32.78 0.00 400 270 Peak 2 5650.14 51.03 68.30 -17.27 40.49 33.00 10.33 32.79 0.00 400 270 Peak 3 5717.29 68.33 110.04 -41.71 57.49 33.43 10.22 32.81 0.00 400 270 Peak 4 5720.44 66.88 111.79 -44.91 56.03 33.44 10.22 32.81 0.00 400 270 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 1 5785.00 117.59 ------ ------ 106.69 33.63 10.11 32.84 0.00 400 270 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 1 5785.00 107.03 ------ ------ 96.13 33.63 10.11 32.84 0.00 400 270 Average

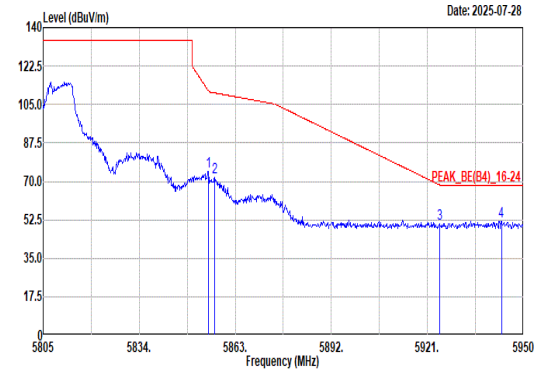
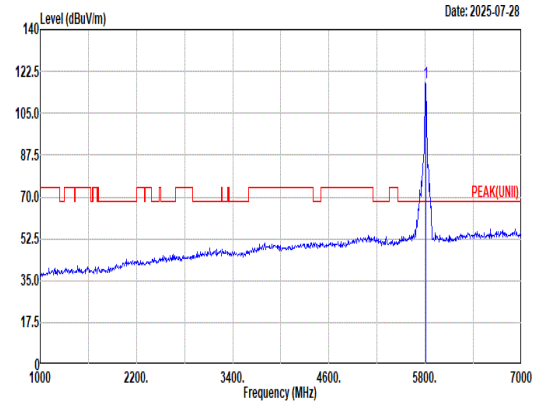
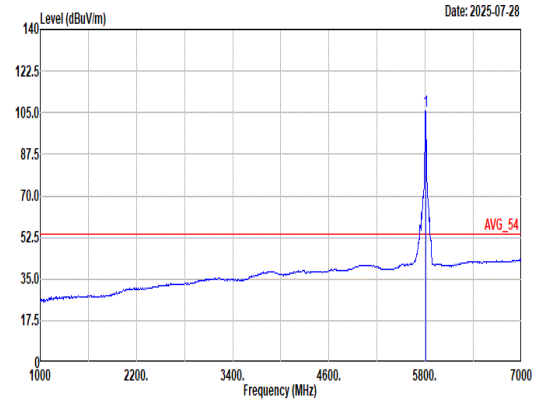
Mode	5	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.30 63.79 112.40 -48.61 52.38 34.02 10.25 32.86 0.00 400 270 Peak 2 5855.79 62.86 110.58 -47.72 51.45 34.02 10.26 32.87 0.00 400 270 Peak 3 5924.92 50.09 68.26 -18.17 38.30 34.20 10.48 32.89 0.00 400 270 Peak 4 5937.13 51.92 68.20 -16.28 40.10 34.20 10.52 32.90 0.00 400 270 Peak	Blank

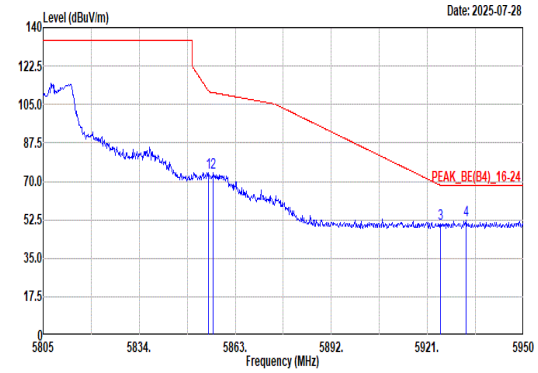
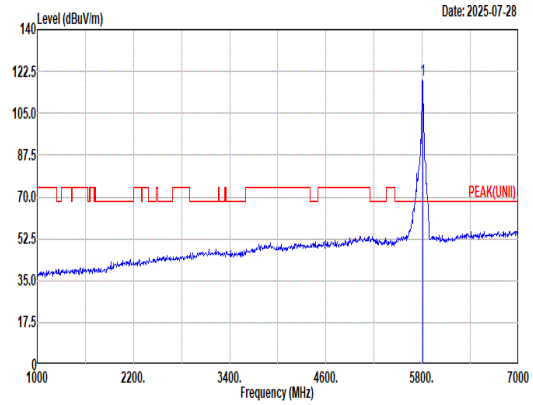
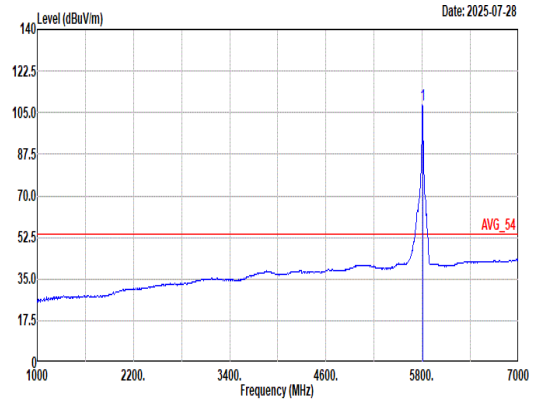
Mode	5	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5648.10 55.62 68.20 -12.58 45.08 32.99 10.34 32.79 0.00 311 231 Peak 2 5650.32 55.60 68.44 -12.84 45.06 33.00 10.33 32.79 0.00 311 231 Peak 3 5714.70 72.77 109.32 -36.55 61.92 33.43 10.23 32.81 0.00 311 231 Peak 4 5720.99 72.08 113.06 -40.98 61.24 33.44 10.21 32.81 0.00 311 231 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5785.00 119.01 ------ ------ 108.12 33.60 10.12 32.83 0.00 311 231 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5785.00 107.07 ------ ------ 96.16 33.65 10.10 32.84 0.00 311 231 Average

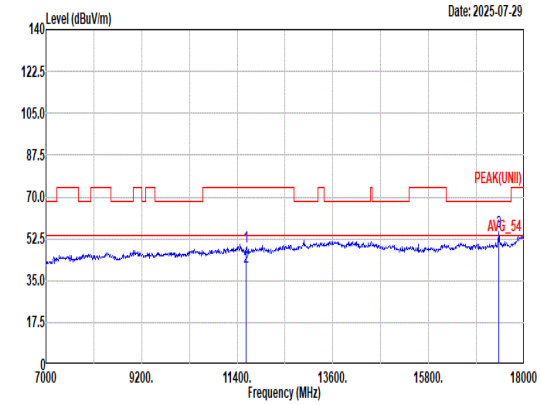
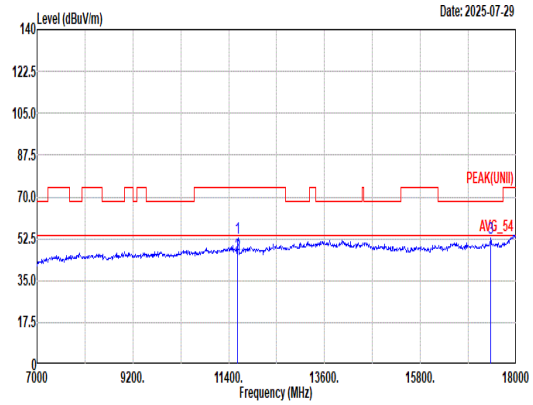
Mode	5	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.96 64.96 110.89 -45.93 53.54 34.02 10.26 32.86 0.00 311 231 Peak 2 5855.46 65.69 110.67 -44.98 54.28 34.02 10.26 32.87 0.00 311 231 Peak 3 5924.59 50.84 68.50 -17.66 39.05 34.20 10.48 32.89 0.00 311 231 Peak 4 5946.04 51.44 68.20 -16.76 39.59 34.20 10.55 32.90 0.00 311 231 Peak	Blank

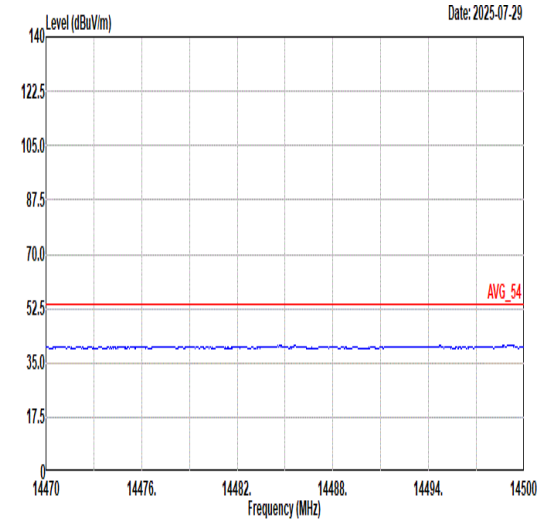
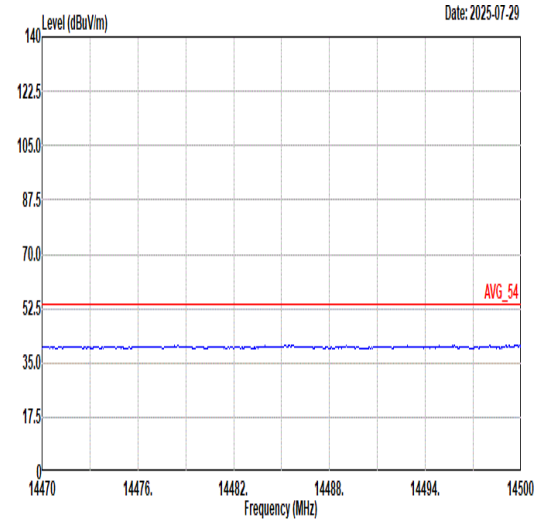
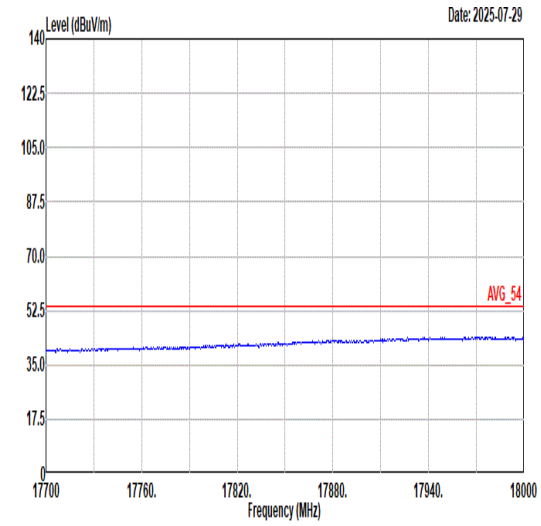
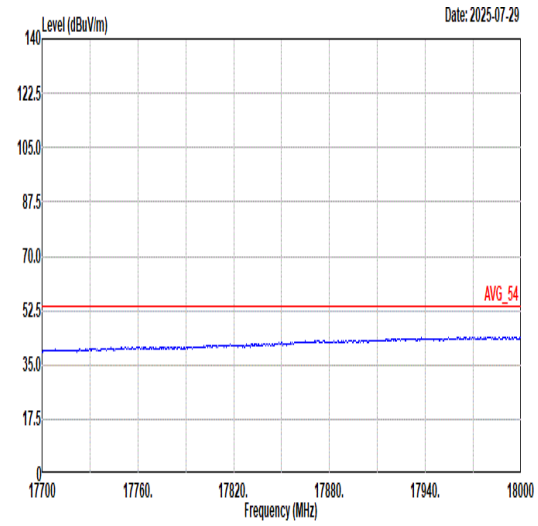
Mode	5	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 HORIZONTAL 1 11570.00 48.17 74.00 -25.83 57.65 38.68 17.55 66.07 0.36 -- -- Peak 2 17355.00 53.87 68.20 -14.33 59.35 38.50 21.65 66.08 0.45 350 310 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL 1 11570.00 49.37 74.00 -24.63 58.85 38.68 17.55 66.07 0.36 396 360 Peak 2 11570.00 43.60 54.00 -10.40 53.08 38.68 17.55 66.07 0.36 396 360 Average 3 17355.00 53.76 68.20 -14.44 59.24 38.50 21.65 66.08 0.45 300 351 Peak

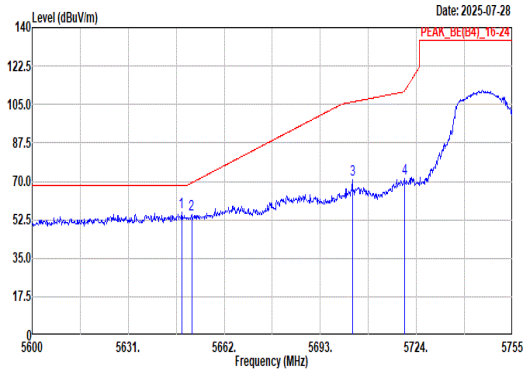
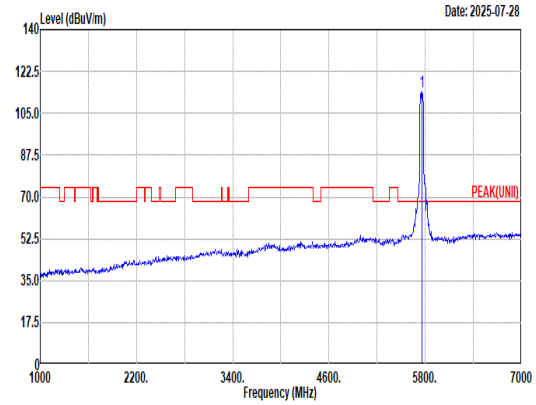
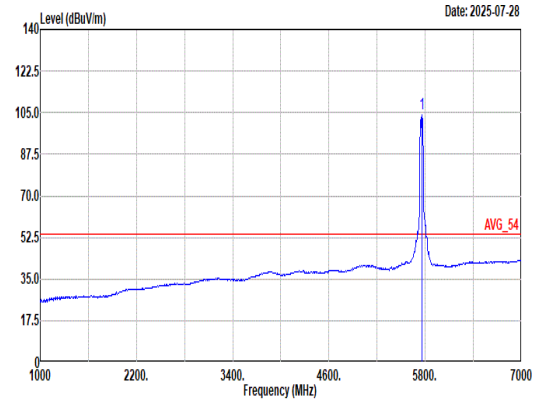
Mode	5	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL

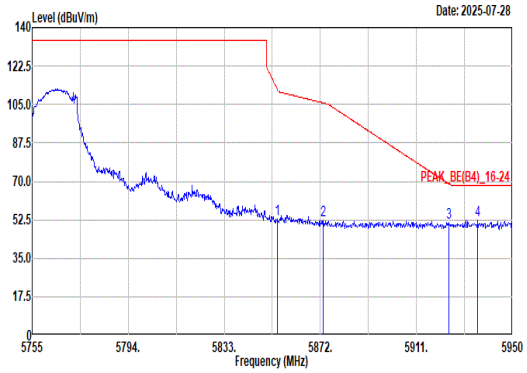
Mode	6	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH161_5805MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.88 74.73 111.07 -36.34 63.31 34.02 10.26 32.86 0.00 302 167 Peak 2 5856.77 71.84 110.31 -38.47 60.42 34.03 10.26 32.87 0.00 302 167 Peak 3 5924.63 50.54 68.48 -17.94 38.75 34.20 10.48 32.89 0.00 302 167 Peak 4 5943.33 51.75 68.20 -16.45 39.91 34.20 10.54 32.90 0.00 302 167 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5805.00 117.68 ------ ------ 106.74 33.70 10.08 32.84 0.00 302 167 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5805.00 105.76 ------ ------ 94.72 33.77 10.12 32.85 0.00 302 167 Average

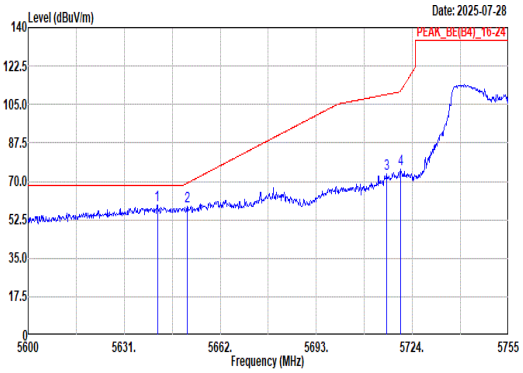
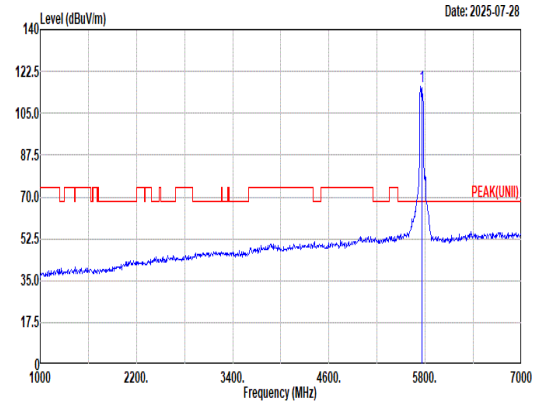
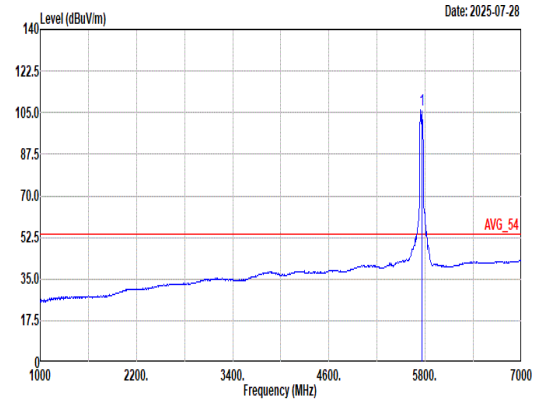
Mode	6	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH161_5805MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5854.88 73.74 111.07 -37.33 62.32 34.02 10.26 32.86 0.00 285 205 Peak 2 5856.33 74.07 110.43 -36.36 62.65 34.03 10.26 32.87 0.00 285 205 Peak 3 5924.92 50.69 68.26 -17.57 38.90 34.20 10.48 32.89 0.00 285 205 Peak 4 5932.75 52.09 68.20 -16.11 40.28 34.20 10.50 32.89 0.00 285 205 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5805.00 119.09 ------ ------ 108.16 33.68 10.09 32.84 0.00 285 205 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5805.00 108.34 ------ ------ 97.40 33.70 10.08 32.84 0.00 285 205 Average

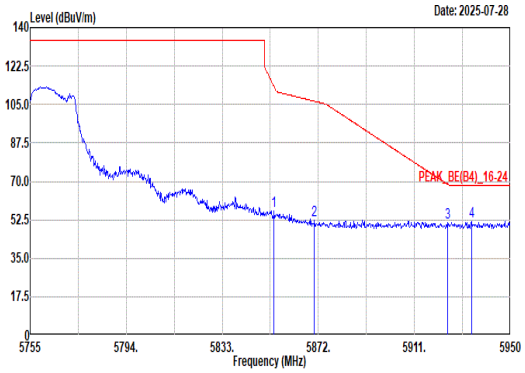
Mode	6	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH161_5805MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11610.00 49.09 74.00 -24.91 58.72 38.48 17.58 66.06 0.37 350 323 Peak 2 11610.00 40.48 54.00 -13.52 50.11 38.48 17.58 66.06 0.37 350 323 Average 3 17415.00 55.35 68.20 -12.85 60.84 38.50 21.69 66.13 0.45 300 62 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 11610.00 52.78 74.00 -21.22 62.41 38.48 17.58 66.06 0.37 393 360 Peak 2 11610.00 46.04 54.00 -7.96 55.67 38.48 17.58 66.06 0.37 393 360 Average 3 17415.00 53.05 68.20 -15.15 58.54 38.50 21.69 66.13 0.45 262 360 Peak

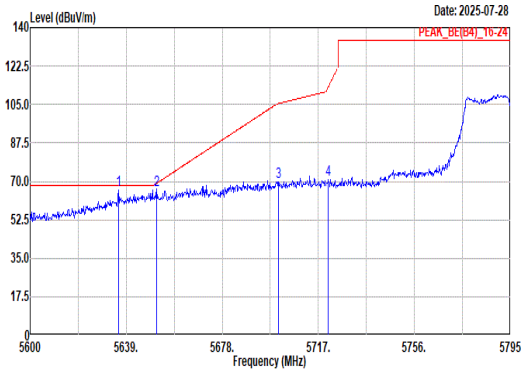
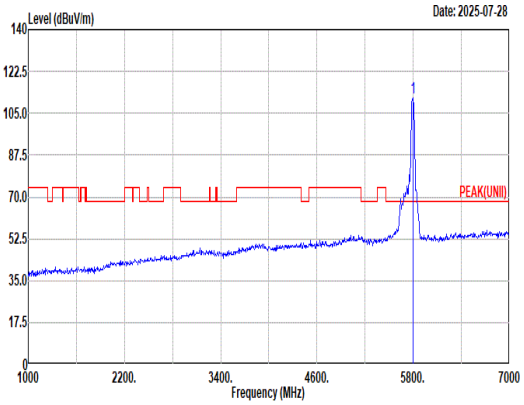
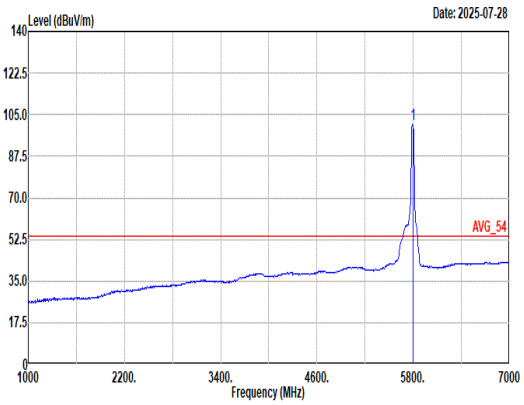
Mode	6	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH161_5805MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL

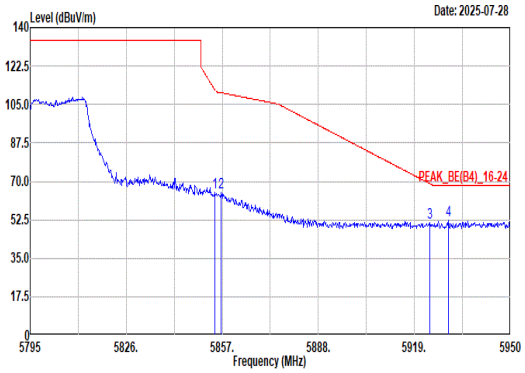
Mode	7	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.21 56.09 68.20 -12.11 45.55 32.99 10.34 32.79 0.00 300 166 Peak 2 5651.46 55.03 69.29 -14.26 44.48 33.01 10.33 32.79 0.00 300 166 Peak 3 5703.39 70.80 106.15 -35.35 59.96 33.41 10.24 32.81 0.00 300 166 Peak 4 5720.13 71.47 111.09 -39.62 60.62 33.44 10.22 32.81 0.00 300 166 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5755.00 114.16 ------ ------ 103.29 33.56 10.14 32.83 0.00 300 166 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5755.00 104.36 ------ ------ 93.49 33.56 10.14 32.83 0.00 300 166 Average

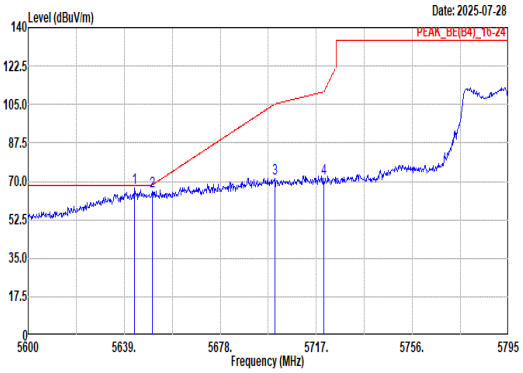
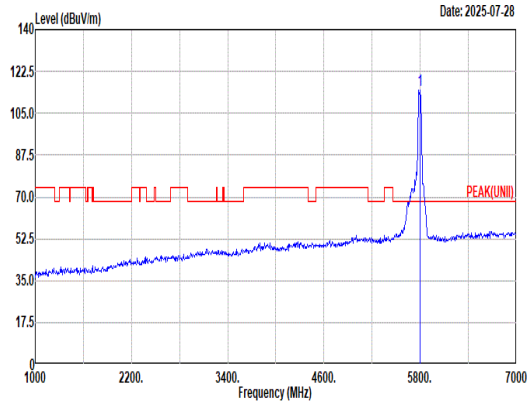
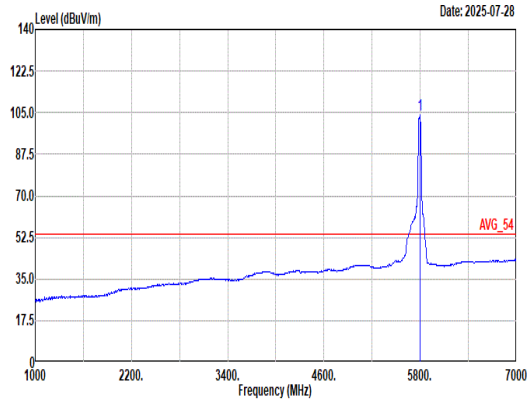
Mode	7	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.45 52.91 112.05 -59.14 41.50 34.02 10.25 32.86 0.00 300 166 Peak 2 5873.17 52.14 105.71 -53.57 40.61 34.09 10.31 32.87 0.00 300 166 Peak 3 5924.07 51.03 68.89 -17.86 39.24 34.20 10.48 32.89 0.00 300 166 Peak 4 5935.96 52.30 68.20 -15.90 40.48 34.20 10.52 32.90 0.00 300 166 Peak	Blank

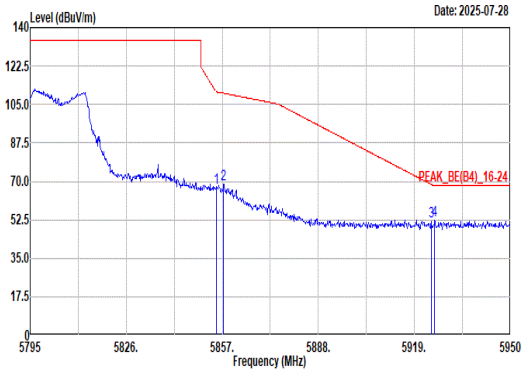
Mode	7	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5641.70 59.27 68.20 -8.93 48.73 32.97 10.35 32.78 0.00 300 222 Peak 2 5651.31 58.77 69.17 -10.40 48.22 33.01 10.33 32.79 0.00 300 222 Peak 3 5715.63 73.36 109.58 -36.22 62.52 33.43 10.22 32.81 0.00 300 222 Peak 4 5720.13 75.59 111.09 -35.50 64.74 33.44 10.22 32.81 0.00 300 222 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5755.00 116.32 ------ ------ 105.48 33.48 10.18 32.82 0.00 300 222 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5755.00 106.30 ------ ------ 95.46 33.48 10.18 32.82 0.00 300 222 Average

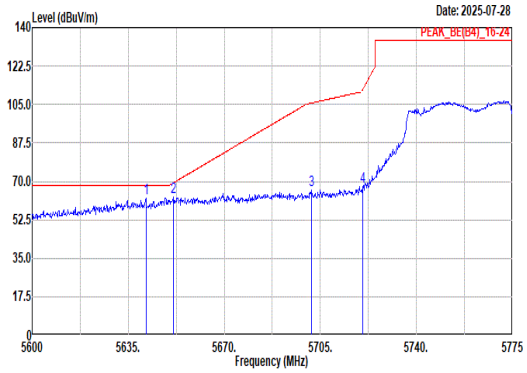
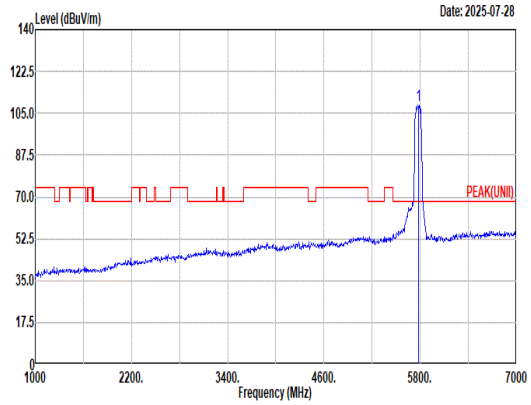
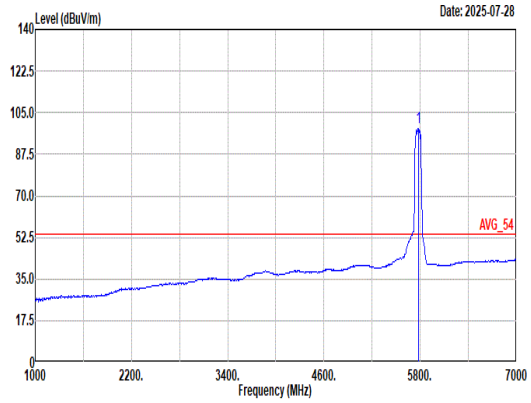
Mode	7	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.06 56.74 112.94 -56.20 45.33 34.02 10.25 32.86 0.00 300 222 Peak 2 5870.44 52.36 106.48 -54.12 40.84 34.08 10.31 32.87 0.00 300 222 Peak 3 5924.46 51.12 68.60 -17.48 39.33 34.20 10.48 32.89 0.00 300 222 Peak 4 5934.40 51.78 68.20 -16.42 39.97 34.20 10.51 32.90 0.00 300 222 Peak	Blank

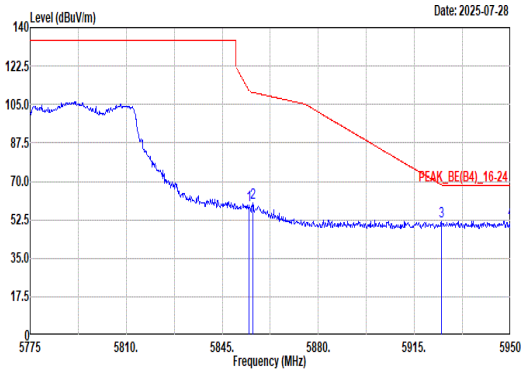
Mode	8	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5635.88 66.18 68.20 -2.02 55.66 32.94 10.36 32.78 0.00 200 340 Peak 2 5651.29 66.29 69.15 -2.86 55.74 33.01 10.33 32.79 0.00 200 340 Peak 3 5700.82 69.91 105.43 -35.52 59.07 33.40 10.25 32.81 0.00 200 340 Peak 4 5721.10 70.79 113.30 -42.51 59.95 33.44 10.21 32.81 0.00 200 340 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5795.00 111.35 ------ ------ 100.42 33.68 10.09 32.84 0.00 200 340 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5795.00 100.79 ------ ------ 89.88 33.65 10.10 32.84 0.00 200 340 Average

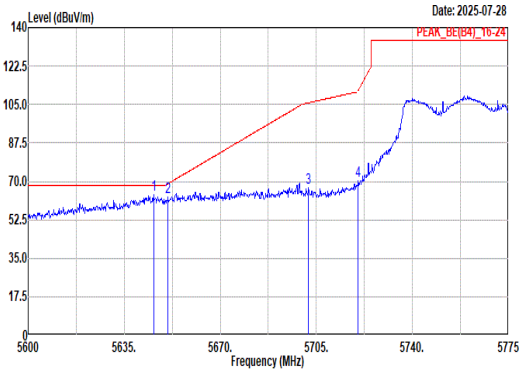
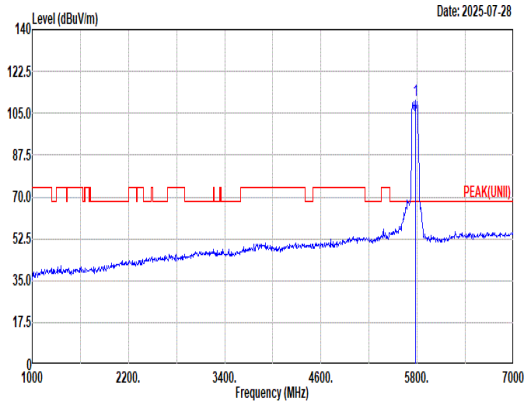
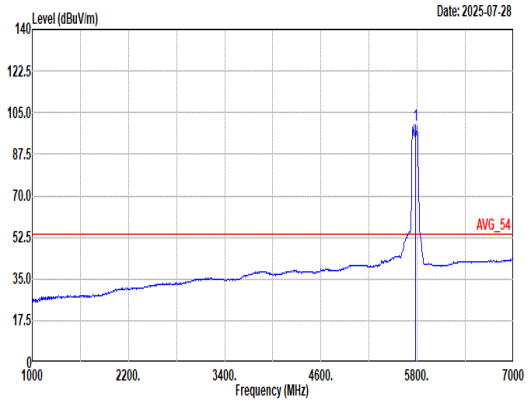
Mode	8	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.68 65.17 111.54 -46.37 53.76 34.02 10.25 32.86 0.00 200 340 Peak 2 5856.69 65.00 110.33 -45.33 53.58 34.03 10.26 32.87 0.00 200 340 Peak 3 5923.96 51.39 68.97 -17.58 39.60 34.20 10.48 32.89 0.00 200 340 Peak 4 5930.01 52.18 68.20 -16.02 40.37 34.20 10.50 32.89 0.00 200 340 Peak	Blank

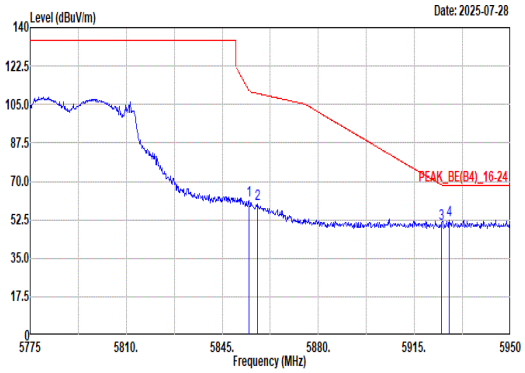
Mode	8	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5643.29 67.28 68.20 -0.92 56.74 32.97 10.35 32.78 0.00 300 217 Peak 2 5650.31 65.37 68.43 -3.06 54.83 33.00 10.33 32.79 0.00 300 217 Peak 3 5700.04 71.46 105.21 -33.75 60.62 33.40 10.25 32.81 0.00 300 217 Peak 4 5720.12 71.46 111.07 -39.61 60.61 33.44 10.22 32.81 0.00 300 217 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5795.00 114.54 ------ ------ 103.61 33.68 10.09 32.84 0.00 300 217 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5795.00 104.03 ------ ------ 93.10 33.68 10.09 32.84 0.00 300 217 Average

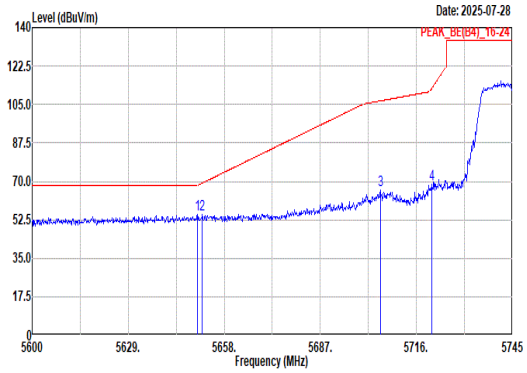
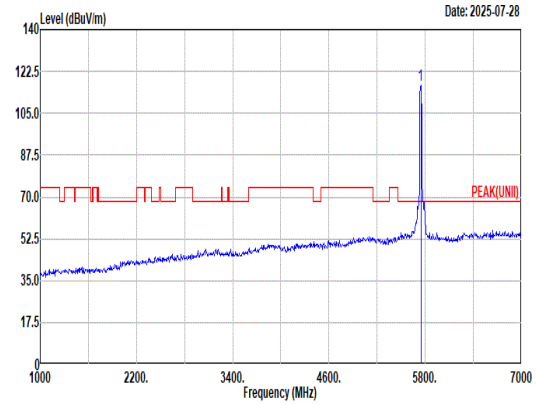
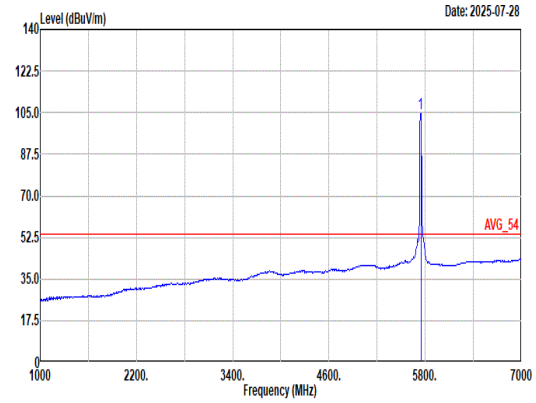
Mode	8	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.99 67.13 110.83 -43.70 55.71 34.02 10.26 32.86 0.00 300 217 Peak 2 5857.47 68.58 110.11 -41.53 57.16 34.03 10.26 32.87 0.00 300 217 Peak 3 5924.43 51.64 68.62 -16.98 39.85 34.20 10.48 32.89 0.00 300 217 Peak 4 5925.51 52.04 68.20 -16.16 40.25 34.20 10.48 32.89 0.00 300 217 Peak	Blank

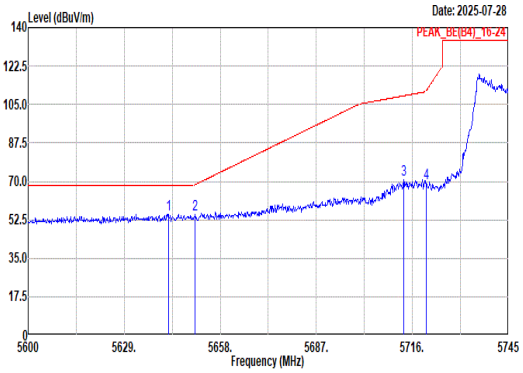
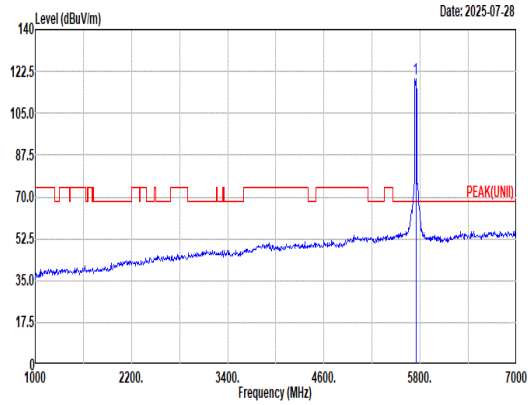
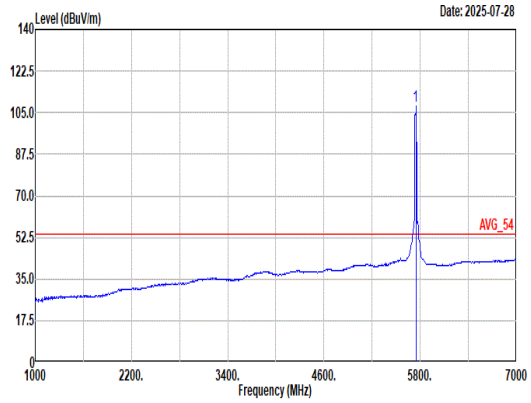
Mode	9	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5641.48 62.23 68.20 -5.97 51.69 32.97 10.35 32.78 0.00 200 342 Peak 2 5651.45 62.96 69.28 -6.32 52.41 33.01 10.33 32.79 0.00 200 342 Peak 3 5701.85 65.93 105.72 -39.79 55.09 33.40 10.25 32.81 0.00 200 342 Peak 4 5720.58 67.76 112.11 -44.35 56.91 33.44 10.22 32.81 0.00 200 342 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5775.00 108.50 ------ ------ 97.62 33.58 10.13 32.83 0.00 200 342 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5775.00 98.66 ------ ------ 87.78 33.58 10.13 32.83 0.00 200 342 Average

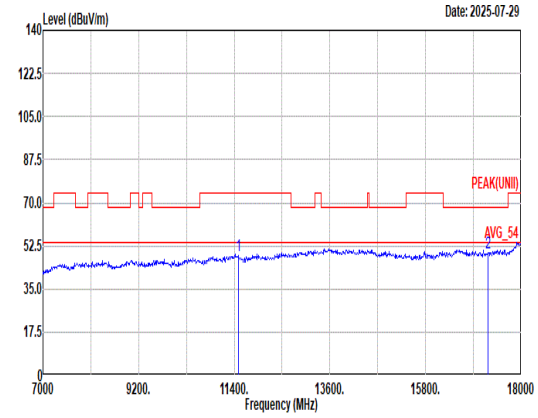
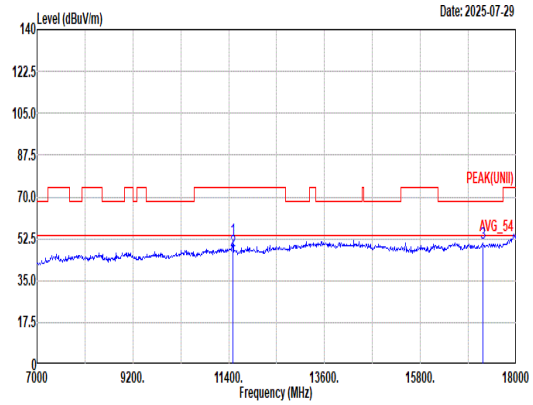
Mode	9	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.63 59.17 111.65 -52.48 47.76 34.02 10.25 32.86 0.00 200 342 Peak 2 5856.03 60.02 110.51 -50.49 48.61 34.02 10.26 32.87 0.00 200 342 Peak 3 5924.80 51.62 68.35 -16.73 39.83 34.20 10.48 32.89 0.00 200 342 Peak 4 5950.00 52.20 68.20 -16.00 40.34 34.20 10.56 32.90 0.00 200 342 Peak	Blank

Mode	9	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5645.68 63.73 68.20 -4.47 53.20 32.98 10.34 32.79 0.00 295 221 Peak 2 5650.93 62.68 68.89 -6.21 52.13 33.01 10.33 32.79 0.00 295 221 Peak 3 5702.20 67.23 105.82 -38.59 56.39 33.40 10.25 32.81 0.00 295 221 Peak 4 5720.23 70.52 111.31 -40.79 59.67 33.44 10.22 32.81 0.00 295 221 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5775.00 110.64 ------ ------ 99.74 33.63 10.11 32.84 0.00 295 221 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5775.00 99.81 ------ ------ 88.96 33.53 10.15 32.83 0.00 295 221 Average

Mode	9	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 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 5854.63 61.16 111.65 -50.49 49.75 34.02 10.25 32.86 0.00 295 221 Peak 2 5857.95 59.74 109.97 -50.23 48.31 34.03 10.27 32.87 0.00 295 221 Peak 3 5924.98 50.57 68.22 -17.65 38.78 34.20 10.48 32.89 0.00 295 221 Peak 4 5927.78 52.34 68.20 -15.86 40.54 34.20 10.49 32.89 0.00 295 221 Peak	Blank

Mode	10	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU 242T_5745MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 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 1 5649.88 54.71 68.20 -13.49 44.16 33.00 10.34 32.79 0.00 200 340 Peak 2 5651.33 54.95 69.19 -14.24 44.40 33.01 10.33 32.79 0.00 200 340 Peak 3 5705.13 66.15 106.64 -40.49 55.31 33.41 10.24 32.81 0.00 200 340 Peak 4 5720.64 68.45 112.26 -43.81 57.61 33.44 10.21 32.81 0.00 200 340 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 1 5745.00 116.54 ------ ------ 105.70 33.49 10.17 32.82 0.00 200 340 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 1 5745.00 104.78 ------ ------ 93.94 33.48 10.18 32.82 0.00 200 340 Average

Mode	10	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU 242T_5745MHz	
ANT	1+2(CDD)	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(B4)_16-24 3m 9120D_01620_240828 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 5642.34 55.15 68.20 -13.05 44.61 32.97 10.35 32.78 0.00 305 230 Peak 2 5650.46 54.96 68.54 -13.58 44.42 33.00 10.33 32.79 0.00 305 230 Peak 3 5713.39 70.56 108.95 -38.39 59.71 33.43 10.23 32.81 0.00 305 230 Peak 4 5720.21 69.28 111.27 -41.99 58.43 33.44 10.22 32.81 0.00 305 230 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 5745.00 119.49 ------ ------ 108.65 33.47 10.19 32.82 0.00 305 230 Peak
Avg	Blank	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_240828 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 5745.00 107.77 ------ ------ 96.93 33.51 10.16 32.83 0.00 305 230 Average

Mode	10	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU 242T_5745MHz	
ANT	1+2(CDD)	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 11490.00 48.81 74.00 -25.19 58.10 38.98 17.48 66.11 0.36 -- -- Peak 2 17235.00 49.80 68.20 -18.40 55.43 38.34 21.58 65.99 0.44 -- -- Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_240828 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 11490.00 52.51 74.00 -21.49 61.80 38.98 17.48 66.11 0.36 398 2 Peak 2 11490.00 47.42 54.00 -6.58 56.71 38.98 17.48 66.11 0.36 398 2 Average 3 17235.00 50.49 68.20 -17.71 56.12 38.34 21.58 65.99 0.44 -- -- Peak