FCC RADIO TEST REPORT

FCC ID	:	**IHDT56AY1**
Equipment	:	**Mobile Cellular Phone**
Brand Name	:	**Motorola**
Model Name	:	**XT2701-1, XT2701-2**
Applicant	:	**Motorola Mobility LLC** **222 W,Merchandise Mart Plaza, Chicago IL 60654 USA**
Manufacturer	:	**Motorola Mobility LLC** **222 W,Merchandise Mart Plaza, Chicago IL 60654 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Aug. 13, 2026 and testing was performed from Aug. 18, 2026 to Sep. 17, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory
No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010

Table of Contents

History of this test report **3**
Summary of Test Result **4**
1 General Description **5**
1.1 Product Feature of Equipment Under Test 5
1.2 Modification of EUT 8
1.3 Testing Location 8
1.4 Applicable Standards 8
2 Test Configuration of Equipment Under Test **9**
2.1 Carrier Frequency and Channel 9
2.2 Test Mode 10
2.3 Connection Diagram of Test System 11
2.4 Support Unit used in test configuration and system 12
2.5 EUT Operation Test Setup 12
2.6 Measurement Results Explanation Example 12
3 Test Result **13**
3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement 13
3.2 Maximum Conducted Output Power Measurement 14
3.3 Power Spectral Density Measurement 15
3.4 Unwanted Emissions Measurement 17
3.5 AC Conducted Emission Measurement 22
3.6 Antenna Requirements 24
4 List of Measuring Equipment **25**
5 Measurement Uncertainty **27**
Appendix A. Conducted Test Results
Appendix B. AC Conducted Emission Test Result
Appendix C. Radiated Spurious Emission Test Result
Appendix D. Duty Cycle Plots

History of this test report

Report No.	Version	Description	Issue Date
FR672113F	01	Initial issue of report	Sep. 23, 2026

Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Dara Chiu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/ax/be, NFC, UWB, WPT and GNSS.
Antenna Type	PIFA Antenna
Sample 1	P+E-SIM
Sample 2	P+P-SIM

Antenna information		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	Ant. 5: -6.70 Ant. 4: -6.20

Remark:

1. MIMO Ant. 5+4 Directional Gain is a calculated result from MIMO Ant. 5 and MIMO Ant. 4. The formula used in calculation is documented in section 1.1.1.
2. Power of MIMO Ant. 5 + Ant. 4 is a calculated result from sum of the power MIMO Ant. 5 and MIMO Ant. 4.
3. All test items were performed with Sample 1.
4. The models XT2701-1, XT2701-2 are only for market differentiation, all the others are the same.
5. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

EUT Information List	
IMEI	Performed Test Item
353070500009572	Conducted
353070500007832	Conducted Emission
353070500008095	Radiated Spurious Emission

Specification of Accessory				
AC Adapter 1(US)	**Brand Name**	Motorola (Salcomp)	**Model Name**	MC-901
AC Adapter 1(EU)	**Brand Name**	Motorola (Salcomp)	**Model Name**	MC-902
AC Adapter 1(UK)	**Brand Name**	Motorola (Salcomp)	**Model Name**	MC-903
AC Adapter 1(AR)	**Brand Name**	Motorola (Salcomp)	**Model Name**	MC-906
AC Adapter 1(BR)	**Brand Name**	Motorola (Salcomp)	**Model Name**	MC-907
AC Adapter 1(CHILE)	**Brand Name**	Motorola (Salcomp)	**Model Name**	MC-909
AC Adapter 2(IN)	**Brand Name**	Motorola (Salcomp)	**Model Name**	MC-904
AC Adapter 2(IN Local)	**Brand Name**	Motorola (Salcomp)	**Model Name**	MC-904
AC Adapter 3(US)	**Brand Name**	Motorola (AOHAI)	**Model Name**	MC-901
AC Adapter 3(EU)	**Brand Name**	Motorola (AOHAI)	**Model Name**	MC-902
AC Adapter 3(UK)	**Brand Name**	Motorola (AOHAI)	**Model Name**	MC-903
AC Adapter 3(AR)	**Brand Name**	Motorola (AOHAI)	**Model Name**	MC-906
AC Adapter 3(BR)	**Brand Name**	Motorola (AOHAI)	**Model Name**	MC-907
AC Adapter 3(CHILE)	**Brand Name**	Motorola (AOHAI)	**Model Name**	MC-909
AC Adapter 4(IN)	**Brand Name**	Motorola (AOHAI)	**Model Name**	MC-904
AC Adapter 4(IN Local)	**Brand Name**	Motorola (XIHI)	**Model Name**	MC-904
Battery	**Brand Name**	Motorola (ATL)	**Model Name**	TZ70
USB Cable 1	**Brand Name**	Motorola (Saibao)	**Model Name**	SC18D86731
USB Cable 2	**Brand Name**	Motorola (Luxshare)	**Model Name**	SC18E08103
USB Cable 3	**Brand Name**	Motorola (Saibao)	**Model Name**	SC18D71644
USB Cable 4	**Brand Name**	Motorola (Luxshare)	**Model Name**	SC18E08104
Protective case	**Brand Name**	Motorola (Techson)	**Model Name**	SS68F43462

1.1.1 Antenna Directional Gain

<For CDD Mode>

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

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

For power measurements on IEEE 802.11 devices,

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

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

For PSD measurements, the directional gain calculation. .

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

where

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

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

N_{ANT} = the total number of antennas

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

G_k is the gain in dBi of the kth antenna.

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

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

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

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

	Ant 5 (dBi)	Ant 4 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band IV	-6.70	-6.20	-6.20	-3.44	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT5}= -6.70dBi; G_{ANT4}=-6.20dBi

Directional gain of power measurement = max(-6.70, -6.20) + 0 = -6.20 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (-6.70 dBi / 20) + 10^ (-6.20dBi / 20)] ^ 2 } / 2 } =-3.44 dBi

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 1190 and 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333
Remark	The Conducted Emission test item subcontracted to Sporton International Inc. Wensan 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

FCC designation No.: TW1190 and TW3786

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

1.4 Applicable Standards

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

- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- FCC Part 15 Subpart E
- ANSI C63.10-2020 + Cor.1-2023

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), 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	165	5825

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 EHT480

2.2 Test Mode

This device supports CDD mode.

This device supports single tone RU for 802.11ax, small size RU, Large size RU and Puncturing modes for 802.11be.

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

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

The power for 802.11n, ac, ax mode is smaller than 802.11be mode, so the radiated test is covered by 802.11be mode.

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

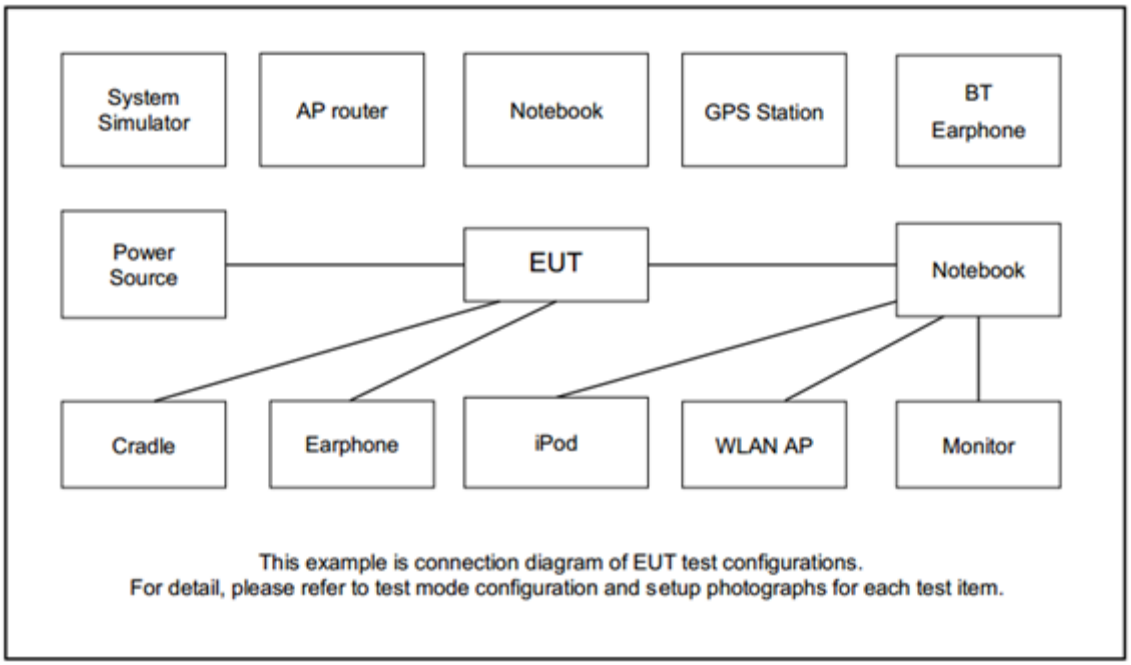
MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1:: GSM850 Idle+ Bluetooth link + WLAN(5G) link + USB Cable 3(Charging from Adapter 3)

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Bluetooth Earphone	Jlab Jbund Mini	2AHYV	N/A	N/A	N/A
3.	WLAN AP	ASUS	GT-AXE11000	N/A	N/A	Unshielded,1.8m
4.	NOTE BOOK	Dell	Latitude 3420	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT 4.0.198.1 CTL” 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 3.8 dB and 20 dB attenuator.

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

= 3.8 + 20 = 23.8 (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.

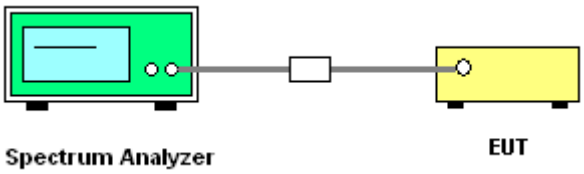
3.1.2 Measuring Instruments

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.

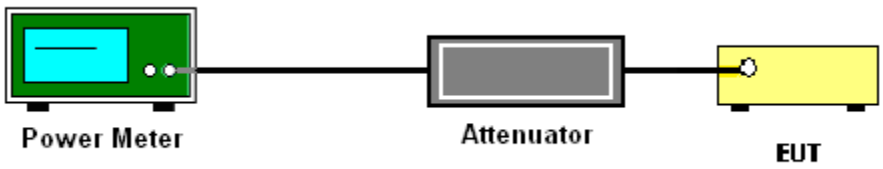
3.2.3 Test Procedures

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.

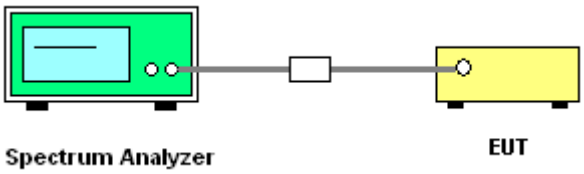
·Detector = RMS

·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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

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

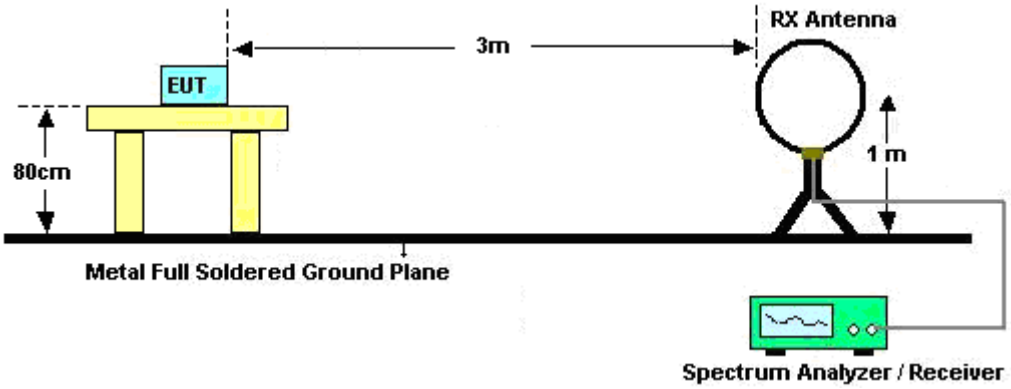
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

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

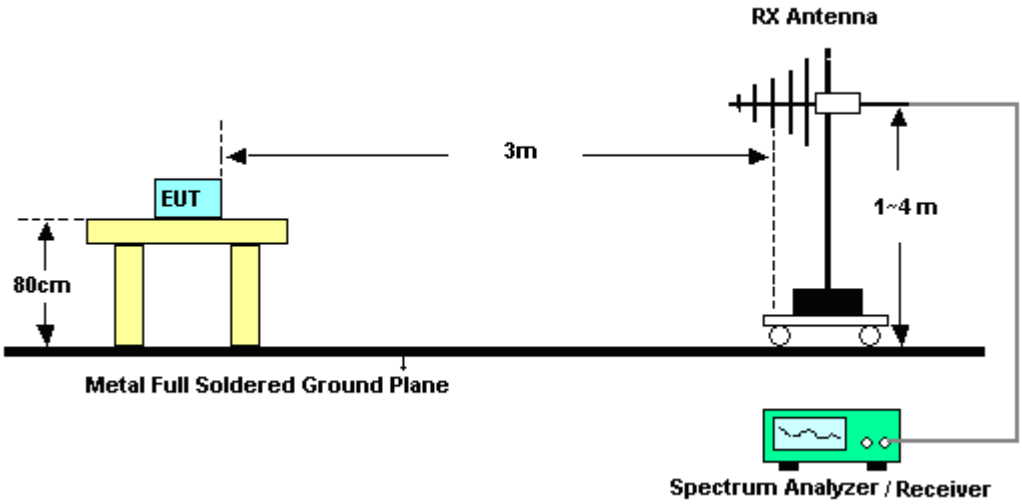
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit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

3.4.4 Test Setup

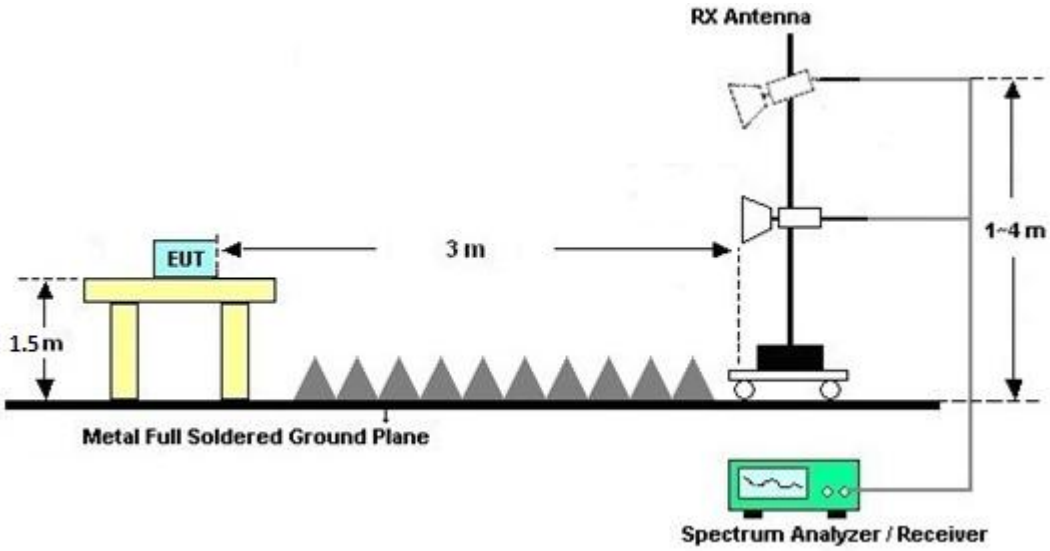
For radiated emissions below 30MHz



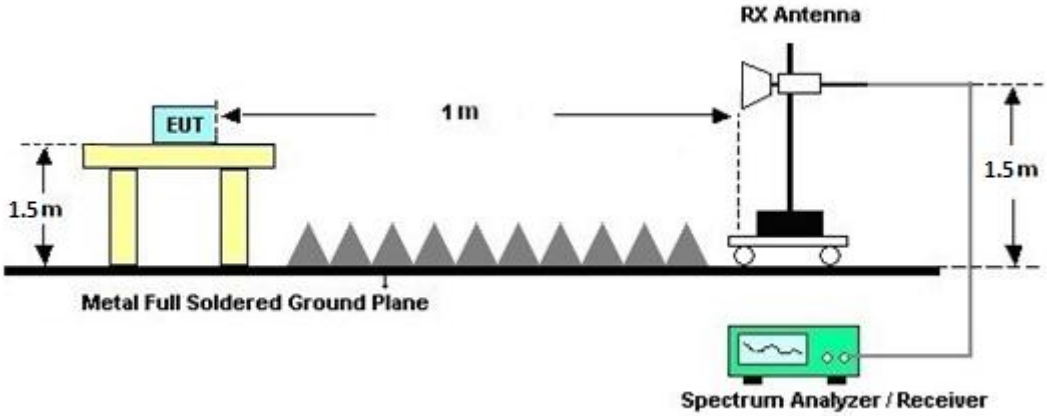
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated 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.

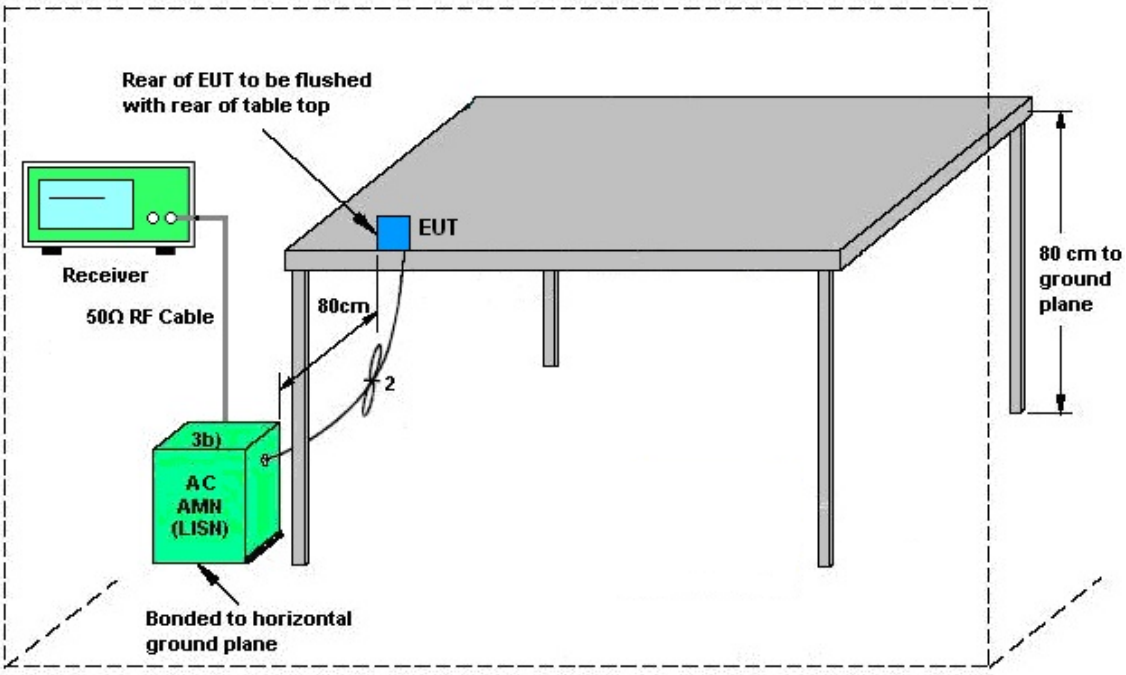
3.5.2 Measuring Instruments

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

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Aug. 18. 2026~ Sep. 09. 2026	Nov. 03, 2026	Conducted (TH05-HY)
USB RF Power Sensor	DARE	RPR3006W	17I00015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Aug. 18. 2026~ Sep. 09. 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	Aug. 18. 2026~ Sep. 09. 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	EM Electronics	EMSW18SE	SW191204 (BOX8)	N/A	Dec. 29, 2025	Aug. 18. 2026~ Sep. 09. 2026	Dec. 28, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Aug. 18. 2026~ Sep. 09. 2026	N/A	Conducted (TH05-HY)
AC Power Source	ALL	APC-130	N/A	N/A	N/A	Aug. 21, 2026	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	N/A	Dec. 16, 2025	Aug. 21, 2026	Dec. 15, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 15, 2026	Aug. 21, 2026	Jun. 14, 2027	Conduction (CO05-HY)
Two-Line V-Network	Rohde & Schwarz	ENV 216 +EMCI-EXP-US-US S	100080+N-021	N/A	Apr. 22, 2026	Aug. 21, 2026	Apr. 21, 2027	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Aug. 21, 2026	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Aug. 07, 2026	Aug. 21, 2026	Aug. 06, 2027	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 14, 2025	Aug. 21, 2026	Oct. 13, 2026	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9kHz~30MHz	Dec. 11, 2025	Aug. 18, 2026~ Sep. 17, 2026	Dec.10, 2026	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1230	18GHz-40GHz	Nov. 05, 2026	Aug. 18, 2026~ Sep. 17, 2026	Nov.04, 2026	Radiation (03CH16-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241055	10Hz~44GHz	Nov. 18, 2025	Aug. 18, 2026~ Sep. 17, 2026	Nov.17, 2026	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Nov. 26, 2025	Aug. 18, 2026~ Sep. 17, 2026	Nov.25, 2026	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz to 1GHz	Oct. 04, 2025	Aug. 18, 2026~ Sep. 17, 2026	Oct. 03, 2026	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1GHz~18GHz	Mar. 26, 2026	Aug. 18, 2026~ Sep. 17, 2026	Mar. 25, 2027	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jun. 29, 2026	Aug. 18, 2026~ Sep. 17, 2026	Jun. 28, 2027	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Sep. 12, 2025	Aug. 18, 2026~ Sep. 17, 2026	Sep.11, 2026	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Sep. 11, 2026	Aug. 18, 2026~ Sep. 17, 2026	Sep.10, 2027	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 22, 2025	Aug. 18, 2026~ Sep. 17, 2026	Dec. 21,2026	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun 08, 2026	Aug. 18, 2026~ Sep. 17, 2026	Jun 07, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 13, 2026	Aug. 18, 2026~ Sep. 17, 2026	Jan. 12, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN3	3GHz High Pass Filter	Jun. 25, 2026	Aug. 18, 2026~ Sep. 17, 2026	Jun. 24, 2027	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN27	6.75GHz High Pass Filter	Dec. 22, 2025	Aug. 18, 2026~ Sep. 17, 2026	Dec. 21,2026	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	May 13, 2026	Aug. 18, 2026~ Sep. 17, 2026	May 12, 2027	Radiation (03CH16-HY)

RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-5 757,805935/4 ,802434/4	30MHz~18GHz	Aug. 05, 2026	Aug. 18, 2026~ Sep. 17, 2026	Aug.04 ,2027	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	18-40GHz	Dec. 18, 2025	Aug. 18, 2026~ Sep. 17, 2026	Dec.17 ,2026	Radiation (03CH16-HY)
Software	Audix	E3 230621 V9	RK-002393	N/A	N/A	Aug. 18, 2026~ Sep. 17, 2026	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Aug. 18, 2026~ Sep. 17, 2026	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 18, 2026~ Sep. 17, 2026	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 18, 2026~ Sep. 17, 2026	N/A	Radiation (03CH16-HY)

5 Measurement Uncertainty

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

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

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.60 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.60 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.20 dB

A1. Conducted Test Results

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2026/8/18~9/9	Relative Humidity:	51~54	%

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

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 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4		
11a	6Mbps	2	149	5745	17.69	17.42	23.77	22.69	15.72	16.33	0.5	Pass
11a	6Mbps	2	157	5785	17.77	17.45	23.97	23.02	16.32	16.30	0.5	Pass
11a	6Mbps	2	165	5825	17.54	17.50	23.62	23.32	16.34	15.72	0.5	Pass

Report Number : FR672113F

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail	Power Setting	
					Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		Ant 5	Ant 4
11a	6Mbps	2	149	5745	20.81	19.43	23.18	30.00		-6.20		Pass	20.75	
11a	6Mbps	2	157	5785	20.46	19.25	22.91	30.00		-6.20		Pass	20.75	
11a	6Mbps	2	165	5825	20.91	19.80	23.40	30.00		-6.20		Pass	20.75	
HT20	MCS0	2	149	5745	20.95	19.68	23.37	30.00		-6.20		Pass	20.5	
HT20	MCS0	2	157	5785	20.64	19.43	23.09	30.00		-6.20		Pass	20.5	
HT20	MCS0	2	165	5825	21.22	19.83	23.59	30.00		-6.20		Pass	20.5	
HT40	MCS0	2	151	5755	19.52	17.98	21.83	30.00		-6.20		Pass	19	
HT40	MCS0	2	159	5795	19.55	17.80	21.77	30.00		-6.20		Pass	19	
VHT20	MCS0	2	149	5745	20.96	19.69	23.38	30.00		-6.20		Pass	20.5	
VHT20	MCS0	2	157	5785	20.65	19.44	23.10	30.00		-6.20		Pass	20.5	
VHT20	MCS0	2	165	5825	21.23	19.84	23.60	30.00		-6.20		Pass	20.5	
VHT40	MCS0	2	151	5755	19.53	17.99	21.84	30.00		-6.20		Pass	19	
VHT40	MCS0	2	159	5795	19.56	17.81	21.78	30.00		-6.20		Pass	19	
VHT80	MCS0	2	155	5775	17.87	16.19	20.12	30.00		-6.20		Pass	18	

Report Number : FR672113F

TEST RESULTS DATA
Power Spectral Density

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 5	Ant 4	Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4	
11a	6Mbps	2	149	5745	0.04	0.04	6.52	5.23	9.53	30.00		-3.44		Pass
11a	6Mbps	2	157	5785	0.04	0.04	6.45	4.87	9.46	30.00		-3.44		Pass
11a	6Mbps	2	165	5825	0.04	0.04	6.58	5.39	9.59	30.00		-3.44		Pass

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

Report Number : FR672113F

TEST RESULTS DATA
Average Power Table

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	Power Setting	
						Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		Ant 5	Ant 4
HE20	MCS0	2	149	5745	Full	20.97	19.70	23.39	30.00		-6.20		Pass	20.5	
HE20	MCS0	2	149	5745	26/0	10.91	7.85	12.65	30.00		-6.20		Pass	10	
HE20	MCS0	2	149	5745	52/37	14.70	12.55	16.77	30.00		-6.20		Pass	14	
HE20	MCS0	2	149	5745	106/53	17.86	16.36	20.18	30.00		-6.20		Pass	17	
HE20	MCS0	2	157	5785	Full	20.66	19.45	23.11	30.00		-6.20		Pass	20.5	
HE20	MCS0	2	165	5825	Full	21.24	19.85	23.61	30.00		-6.20		Pass	20.5	
HE20	MCS0	2	165	5825	26/8	11.54	8.57	13.31	30.00		-6.20		Pass	10	
HE20	MCS0	2	165	5825	52/40	14.06	13.04	16.59	30.00		-6.20		Pass	12.5	
HE20	MCS0	2	165	5825	106/54	17.92	16.36	20.22	30.00		-6.20		Pass	16.5	
HE40	MCS0	2	151	5755	Full	19.54	18.00	21.85	30.00		-6.20		Pass	19	
HE40	MCS0	2	159	5795	Full	19.57	17.82	21.79	30.00		-6.20		Pass	19	
HE80	MCS0	2	155	5775	Full	18.88	17.20	21.13	30.00		-6.20		Pass	19	

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

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 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4		
EHT20	MCS0	2	149	5745	Full	19.14	19.36	22.98	39.44	19.03	18.90	0.5	Pass
EHT20	MCS0	2	157	5785	Full	19.16	19.15	22.86	23.43	18.94	18.90	0.5	Pass
EHT20	MCS0	2	165	5825	Full	19.23	19.19	22.25	23.92	19.03	18.86	0.5	Pass
EHT40	MCS0	2	151	5755	Full	38.47	38.50	44.56	44.64	38.24	38.00	0.5	Pass
EHT40	MCS0	2	159	5795	Full	38.38	38.53	44.94	45.22	37.98	38.04	0.5	Pass
EHT80	MCS0	2	155	5775	Full	78.60	78.80	89.50	89.70	77.92	78.14	0.5	Pass

Report Number : FR672113F

TEST RESULTS DATA
Average Power Table

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	Power Setting	
						Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		Ant 5	Ant 4
EHT20	MCS0	2	149	5745	Full	21.02	19.75	23.44	30.00		-6.20		Pass	20.5	
EHT20	MCS0	2	149	5745	26/0	10.96	7.90	12.70	30.00		-6.20		Pass	10	
EHT20	MCS0	2	149	5745	52/37	14.75	12.60	16.82	30.00		-6.20		Pass	14	
EHT20	MCS0	2	149	5745	106/53	17.91	16.41	20.23	30.00		-6.20		Pass	17	
EHT20	MCS0	2	149	5745	52T+26T	16.46	14.81	18.72	30.00		-6.20		Pass	15.5	
EHT20	MCS0	2	149	5745	106T+26T	18.57	17.13	20.92	30.00		-6.20		Pass	17.5	
EHT20	MCS0	2	157	5785	Full	20.71	19.50	23.16	30.00		-6.20		Pass	20.5	
EHT20	MCS0	2	165	5825	Full	21.29	19.90	23.66	30.00		-6.20		Pass	20.5	
EHT20	MCS0	2	165	5825	26/8	11.59	8.62	13.36	30.00		-6.20		Pass	10	
EHT20	MCS0	2	165	5825	52/40	14.11	13.09	16.64	30.00		-6.20		Pass	12.5	
EHT20	MCS0	2	165	5825	106/54	17.97	16.41	20.27	30.00		-6.20		Pass	16.5	
EHT20	MCS0	2	165	5825	52T+26T	16.42	15.02	18.79	30.00		-6.20		Pass	15	
EHT20	MCS0	2	165	5825	106T+26T	18.38	16.91	20.72	30.00		-6.20		Pass	17	
EHT40	MCS0	2	151	5755	Full	19.59	18.05	21.90	30.00		-6.20		Pass	19	
EHT40	MCS0	2	159	5795	Full	19.62	17.87	21.84	30.00		-6.20		Pass	19	
EHT80	MCS0	2	155	5775	Full	18.93	17.25	21.18	30.00		-6.20		Pass	19	
EHT80	MCS0	2	155	5775	Puncture 20/1	18.59	16.91	20.84	30.00		-6.20		Pass	18	
EHT80	MCS0	2	155	5775	Puncture 20/4	18.55	16.99	20.85	30.00		-6.20		Pass	18	
EHT80	MCS0	2	155	5775	Large 484+242/2	16.12	14.32	18.32	30.00		-6.20		Pass	15.5(Max)	
EHT80	MCS0	2	155	5775	Large 484+242/4	16.21	14.43	18.42	30.00		-6.20		Pass	15.5(Max)	

TEST RESULTS DATA
Power Spectral Density

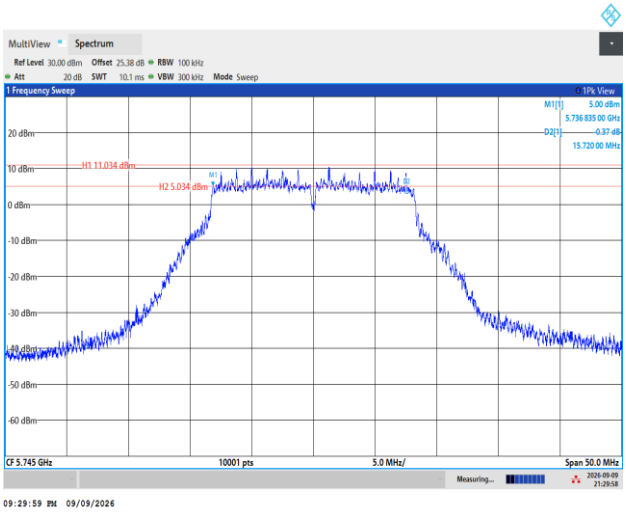
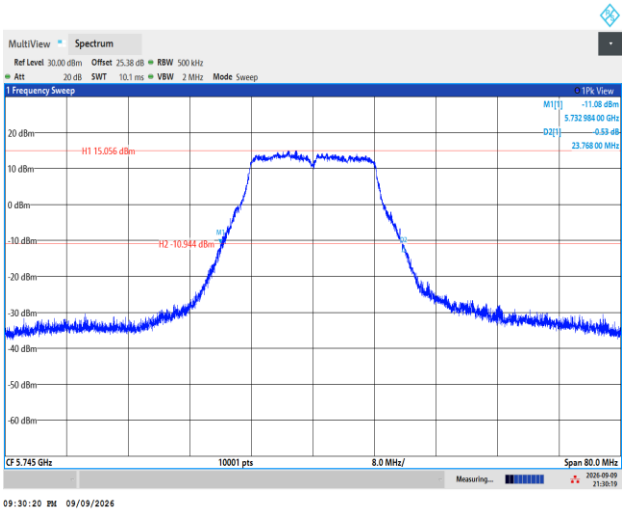
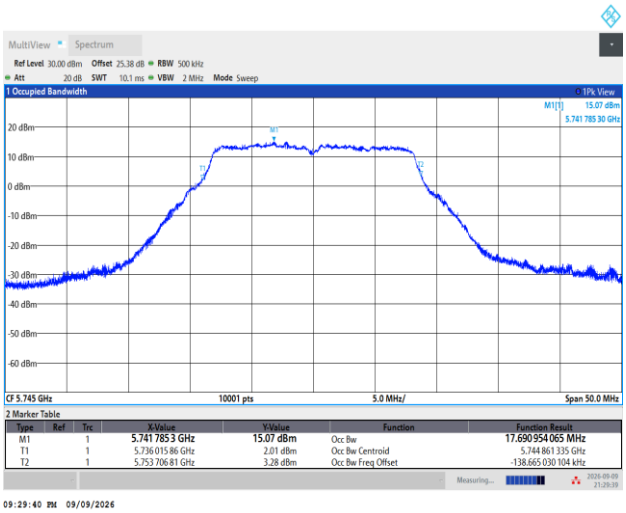
U-NII-3 MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 5	Ant 4	Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4	
EHT20	MCS0	2	149	5745	Full	0.01	0.02	5.69	4.36	8.70	30.00		-3.44		Pass
EHT20	MCS0	2	149	5745	26/0	0.02	0.01	5.33	1.96	8.34	30.00		-3.44		Pass
EHT20	MCS0	2	149	5745	52/37	0.02	0.02	5.48	3.66	8.49	30.00		-3.44		Pass
EHT20	MCS0	2	149	5745	106/53	0.03	0.03	5.61	4.16	8.62	30.00		-3.44		Pass
EHT20	MCS0	2	149	5745	52T+26T	0.01	0.02	5.57	3.92	8.58	30.00		-3.44		Pass
EHT20	MCS0	2	149	5745	106T+26T	0.01	0.02	5.24	3.81	8.25	30.00		-3.44		Pass
EHT20	MCS0	2	157	5785	Full	0.01	0.02	5.55	4.02	8.56	30.00		-3.44		Pass
EHT20	MCS0	2	165	5825	Full	0.01	0.02	5.88	4.55	8.89	30.00		-3.44		Pass
EHT20	MCS0	2	165	5825	26/8	0.02	0.01	5.70	2.83	8.71	30.00		-3.44		Pass
EHT20	MCS0	2	165	5825	52/40	0.02	0.02	5.37	4.23	8.38	30.00		-3.44		Pass
EHT20	MCS0	2	165	5825	106/54	0.03	0.03	5.84	4.36	8.85	30.00		-3.44		Pass
EHT20	MCS0	2	165	5825	52T+26T	0.01	0.02	5.74	4.32	8.75	30.00		-3.44		Pass
EHT20	MCS0	2	165	5825	106T+26T	0.01	0.02	5.39	4.03	8.40	30.00		-3.44		Pass
EHT40	MCS0	2	151	5755	Full	0.02	0.02	1.67	0.72	4.68	30.00		-3.44		Pass
EHT40	MCS0	2	159	5795	Full	0.02	0.02	1.71	-0.20	4.72	30.00		-3.44		Pass
EHT80	MCS0	2	155	5775	Full	0.00	0.00	-1.35	-3.60	1.66	30.00		-3.44		Pass
EHT80	MCS0	2	155	5775	Puncture 20/1	0.02	0.02	-1.52	-2.70	1.49	30.00		-3.44		Pass
EHT80	MCS0	2	155	5775	Puncture 20/4	0.02	0.02	-1.58	-3.04	1.43	30.00		-3.44		Pass
EHT80	MCS0	2	155	5775	Large 484+242/2	0.07	0.07	-3.48	-4.58	-0.47	30.00		-3.44		Pass
EHT80	MCS0	2	155	5775	Large 484+242/4	0.07	0.07	-3.67	-5.11	-0.66	30.00		-3.44		Pass

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

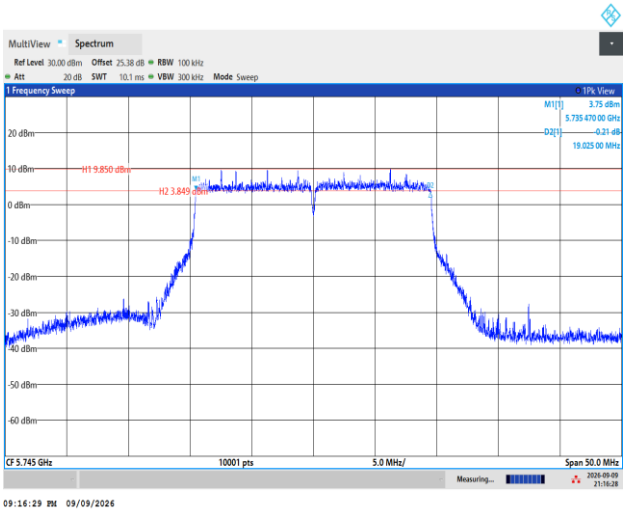
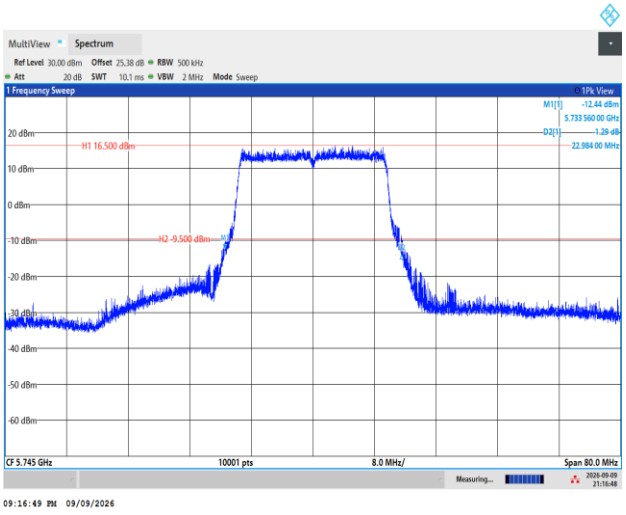
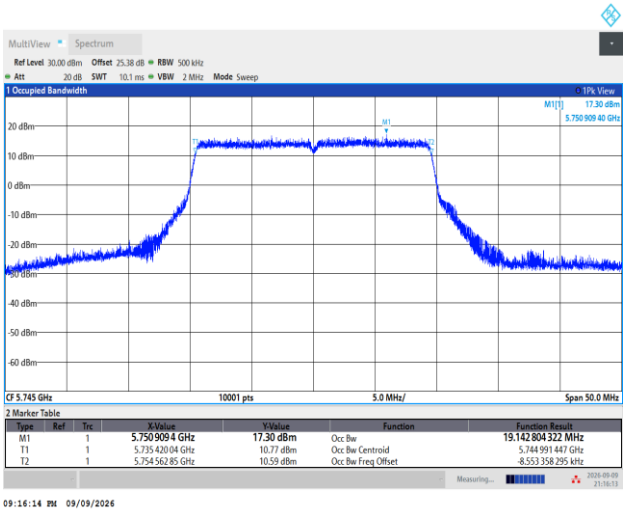
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

MIMO <Ant. 5+4>

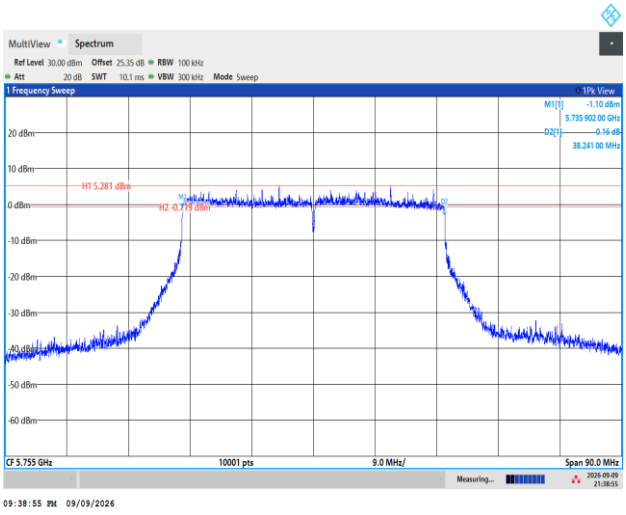
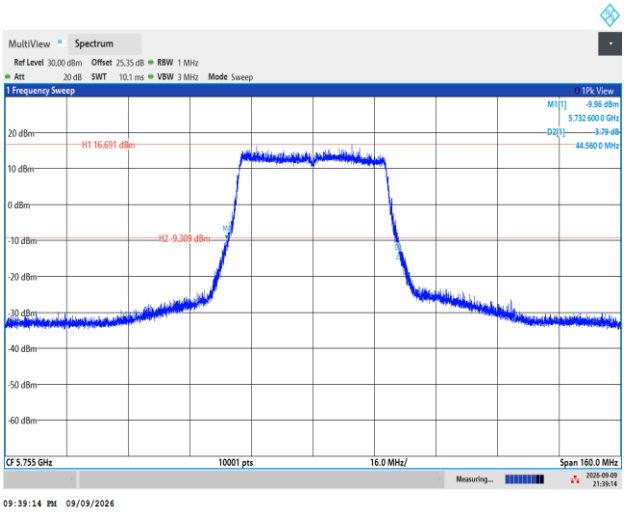
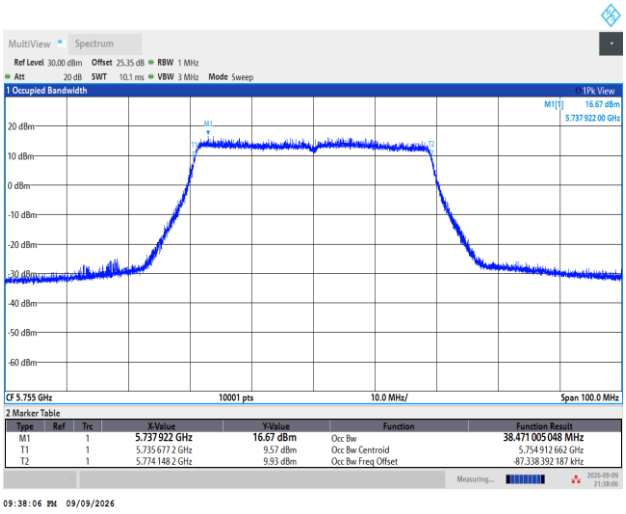
<802.11a>

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

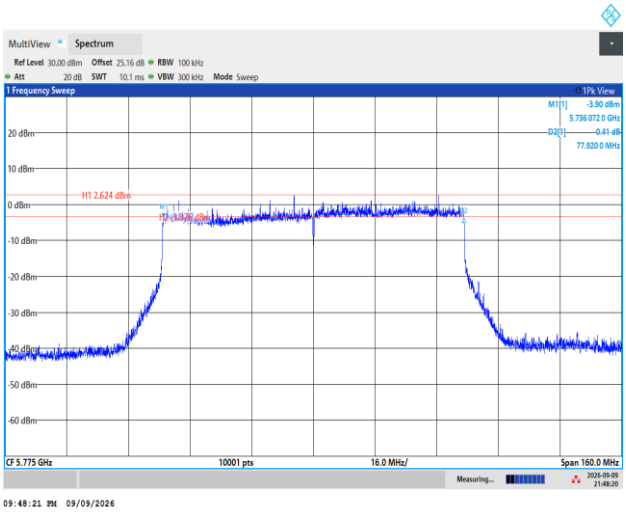
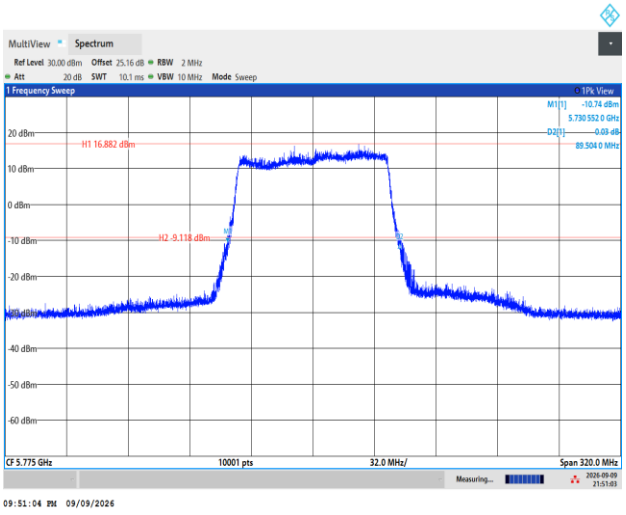
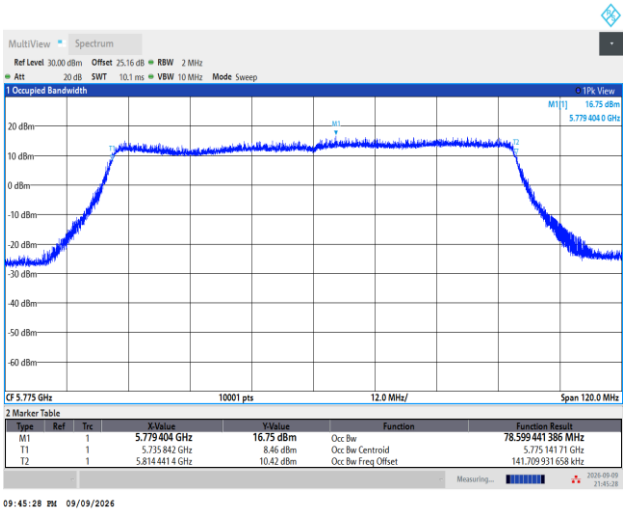
<802.11be EHT20>

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

<802.11be EHT40>

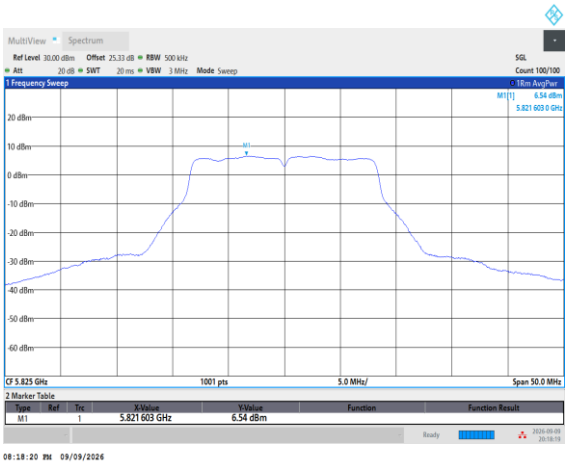
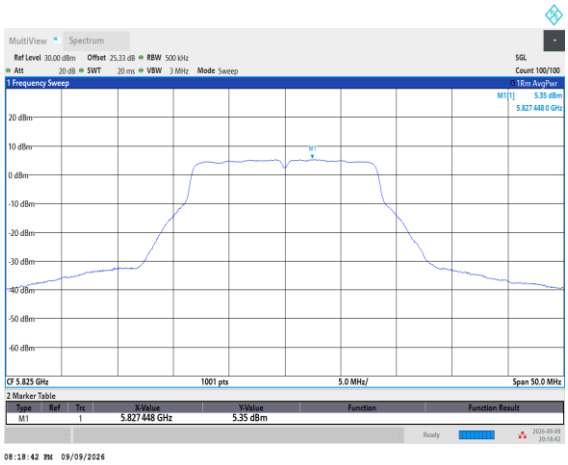
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11be EHT80>

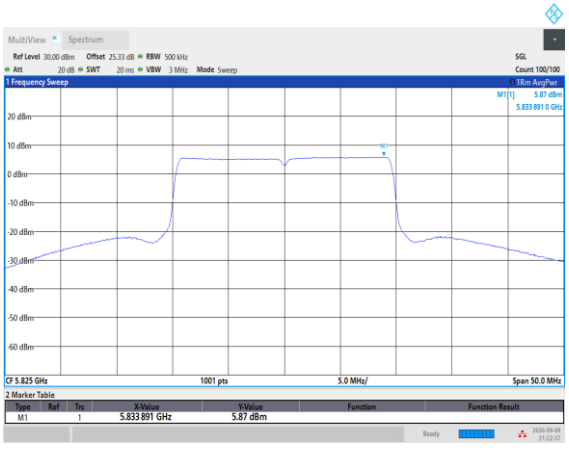
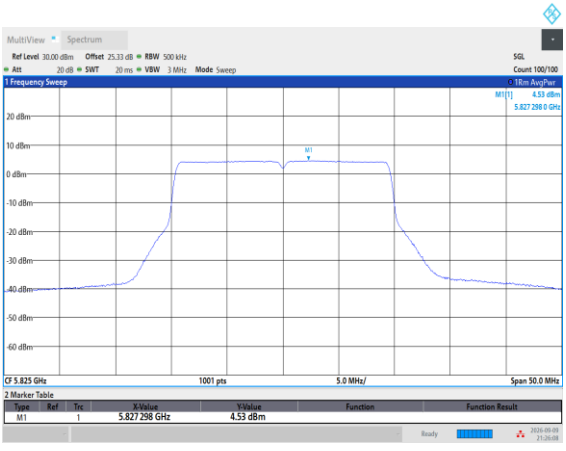
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

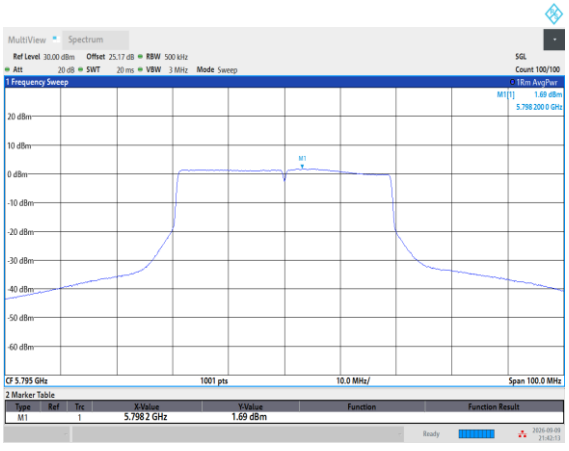
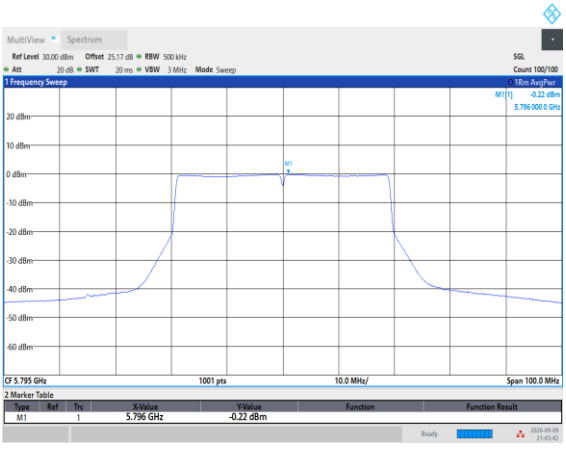
<802.11a>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 5	**Ant. 4**
	

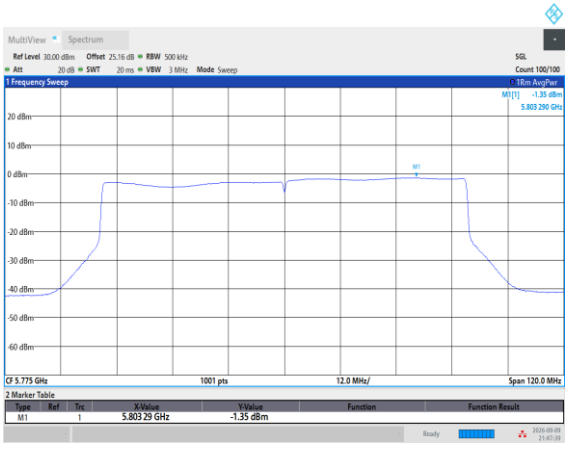
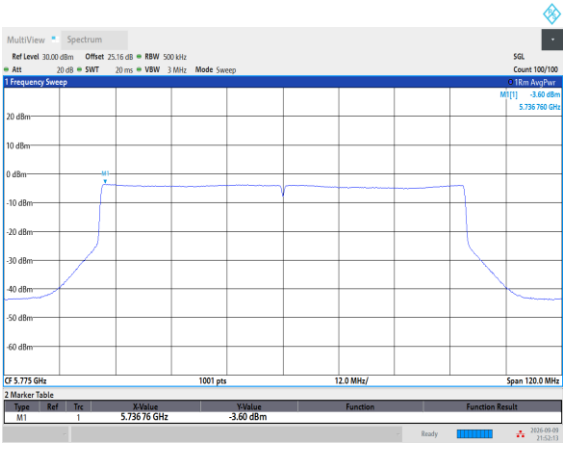
<802.11be EHT20>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 5	**Ant. 4**
	

<802.11be EHT40>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 5	**Ant. 4**
	

<802.11be EHT80>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 5	**Ant. 4**
	

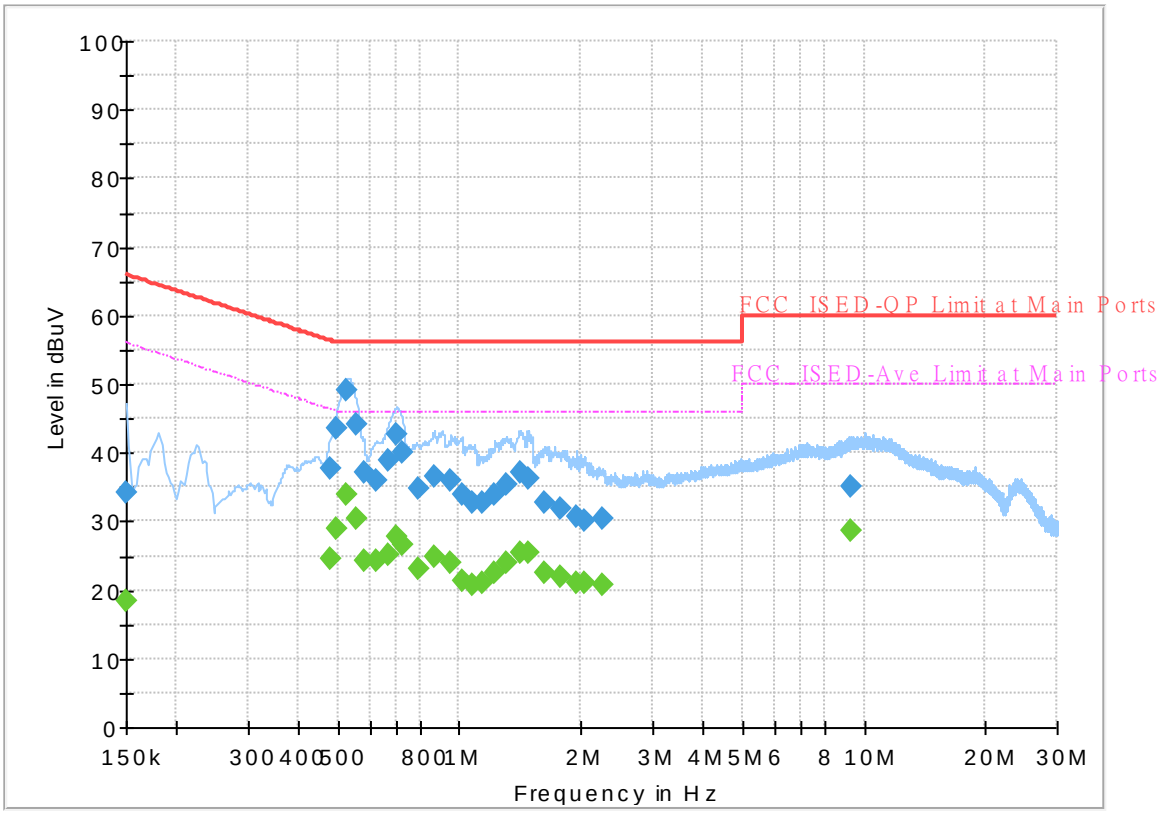
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO :	672113
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



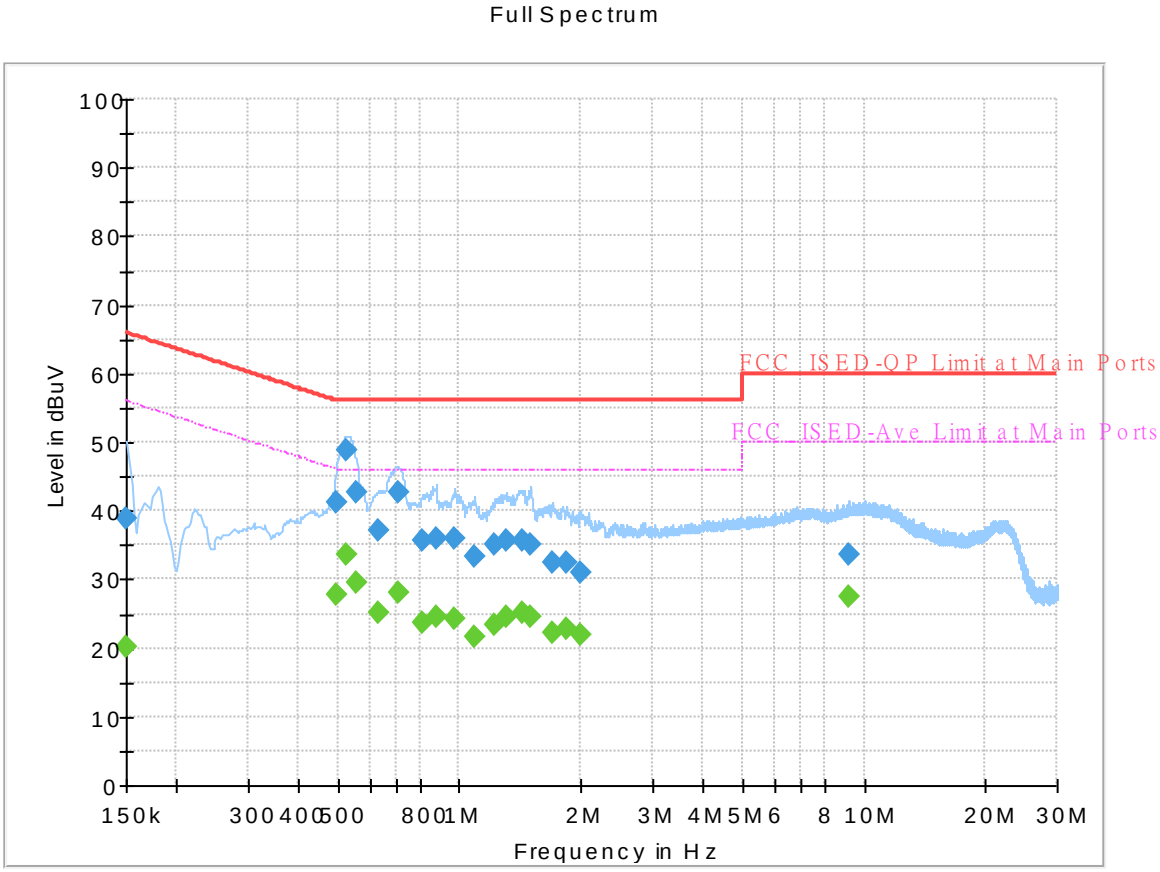
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	18.45	56.00	37.55	L1	OFF	19.9
0.150000	34.16	---	66.00	31.84	L1	OFF	19.9
0.478500	---	24.47	46.37	21.90	L1	OFF	19.9
0.478500	37.78	---	56.37	18.59	L1	OFF	19.9
0.498750	---	29.09	46.02	16.93	L1	OFF	19.9
0.498750	43.56	---	56.02	12.46	L1	OFF	19.9
0.525750	---	34.01	46.00	11.99	L1	OFF	19.9
0.525750	48.98	---	56.00	7.02	L1	OFF	19.9
0.555000	---	30.49	46.00	15.51	L1	OFF	19.9
0.555000	44.25	---	56.00	11.75	L1	OFF	19.9
0.579750	---	24.29	46.00	21.71	L1	OFF	19.9
0.579750	37.15	---	56.00	18.85	L1	OFF	19.9
0.624750	---	24.35	46.00	21.65	L1	OFF	19.9
0.624750	35.89	---	56.00	20.11	L1	OFF	19.9
0.665250	---	25.11	46.00	20.89	L1	OFF	19.9
0.665250	38.92	---	56.00	17.08	L1	OFF	19.9
0.701250	---	27.83	46.00	18.17	L1	OFF	19.9
0.701250	42.73	---	56.00	13.27	L1	OFF	19.9
0.726000	---	26.50	46.00	19.50	L1	OFF	19.9
0.726000	39.97	---	56.00	16.03	L1	OFF	19.9
0.791250	---	22.97	46.00	23.03	L1	OFF	19.9

0.791250	34.70	---	56.00	21.30	L1	OFF	19.9
0.865500	---	24.72	46.00	21.28	L1	OFF	20.0
0.865500	36.52	---	56.00	19.48	L1	OFF	20.0
0.953250	---	24.00	46.00	22.00	L1	OFF	20.0
0.953250	35.86	---	56.00	20.14	L1	OFF	20.0
1.011750	---	21.45	46.00	24.55	L1	OFF	20.0
1.011750	33.91	---	56.00	22.09	L1	OFF	20.0
1.081500	---	20.75	46.00	25.25	L1	OFF	20.0
1.081500	32.74	---	56.00	23.26	L1	OFF	20.0
1.140000	---	21.09	46.00	24.91	L1	OFF	20.0
1.140000	32.86	---	56.00	23.14	L1	OFF	20.0
1.223250	---	22.41	46.00	23.59	L1	OFF	20.0
1.223250	33.88	---	56.00	22.12	L1	OFF	20.0
1.306500	---	24.10	46.00	21.90	L1	OFF	20.0
1.306500	35.51	---	56.00	20.49	L1	OFF	20.0
1.419000	---	25.47	46.00	20.53	L1	OFF	20.0
1.419000	37.15	---	56.00	18.85	L1	OFF	20.0
1.479750	---	25.48	46.00	20.52	L1	OFF	20.0
1.479750	36.33	---	56.00	19.67	L1	OFF	20.0
1.623750	---	22.65	46.00	23.35	L1	OFF	20.0
1.623750	32.73	---	56.00	23.27	L1	OFF	20.0
1.785750	---	22.06	46.00	23.94	L1	OFF	20.0
1.785750	31.87	---	56.00	24.13	L1	OFF	20.0
1.945500	---	21.00	46.00	25.00	L1	OFF	20.0
1.945500	30.76	---	56.00	25.24	L1	OFF	20.0
2.044500	---	20.97	46.00	25.03	L1	OFF	20.0
2.044500	30.15	---	56.00	25.85	L1	OFF	20.0
2.256000	---	20.82	46.00	25.18	L1	OFF	20.0
2.256000	30.55	---	56.00	25.45	L1	OFF	20.0
9.303000	---	28.54	50.00	21.46	L1	OFF	20.5
9.303000	35.01	---	60.00	24.99	L1	OFF	20.5

EUT Information

Report NO :	672113
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	---	20.22	56.00	35.78	N	OFF	19.9
0.150000	38.77	---	66.00	27.23	N	OFF	19.9
0.494250	---	27.82	46.10	18.28	N	OFF	19.9
0.494250	41.20	---	56.10	14.90	N	OFF	19.9
0.525750	---	33.49	46.00	12.51	N	OFF	19.9
0.525750	48.97	---	56.00	7.03	N	OFF	19.9
0.557250	---	29.52	46.00	16.48	N	OFF	19.9
0.557250	42.63	---	56.00	13.37	N	OFF	19.9
0.633750	---	25.10	46.00	20.90	N	OFF	19.9
0.633750	37.05	---	56.00	18.95	N	OFF	19.9
0.703500	---	28.02	46.00	17.98	N	OFF	19.9
0.703500	42.81	---	56.00	13.19	N	OFF	19.9
0.809250	---	23.68	46.00	22.32	N	OFF	20.0
0.809250	35.54	---	56.00	20.46	N	OFF	20.0
0.876750	---	24.63	46.00	21.37	N	OFF	20.0
0.876750	35.94	---	56.00	20.06	N	OFF	20.0
0.969000	---	24.37	46.00	21.63	N	OFF	20.0
0.969000	35.87	---	56.00	20.13	N	OFF	20.0
1.086000	---	21.57	46.00	24.43	N	OFF	20.0
1.086000	33.41	---	56.00	22.59	N	OFF	20.0
1.223250	---	23.46	46.00	22.54	N	OFF	20.0

1.223250	35.20	---	56.00	20.80	N	OFF	20.0
1.304250	---	24.60	46.00	21.40	N	OFF	20.0
1.304250	35.57	---	56.00	20.43	N	OFF	20.0
1.437000	---	25.10	46.00	20.90	N	OFF	20.0
1.437000	35.70	---	56.00	20.30	N	OFF	20.0
1.502250	---	24.53	46.00	21.47	N	OFF	20.0
1.502250	35.07	---	56.00	20.93	N	OFF	20.0
1.698000	---	22.18	46.00	23.82	N	OFF	20.0
1.698000	32.34	---	56.00	23.66	N	OFF	20.0
1.839750	---	22.88	46.00	23.12	N	OFF	20.0
1.839750	32.34	---	56.00	23.66	N	OFF	20.0
1.997250	---	21.99	46.00	24.01	N	OFF	20.0
1.997250	31.01	---	56.00	24.99	N	OFF	20.0
9.161250	---	27.50	50.00	22.50	N	OFF	20.6
9.161250	33.76	---	60.00	26.24	N	OFF	20.6

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jerry Lan、Gary Guo、Steven Wu	**Temperature :**	22.8~25.2°C
		Relative Humidity :	48.2~54.3%

Note symbol

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

C.1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 32	U-NII-3	5.725-5.85	5+4	802.11a	149	5745	6Mbps	-	-
Mode 33	U-NII-3	5.725-5.85	5+4	802.11a	157	5785	6Mbps	-	-
Mode 34	U-NII-3	5.725-5.85	5+4	802.11a	165	5825	6Mbps	-	-
Mode 35	U-NII-3	5.725-5.85	5+4	802.11be EHT20	149	5745	MCS0	Full RU	-
Mode 36	U-NII-3	5.725-5.85	5+4	802.11be EHT20	157	5785	MCS0	Full RU	-
Mode 37	U-NII-3	5.725-5.85	5+4	802.11be EHT20	165	5825	MCS0	Full RU	-
Mode 38	U-NII-3	5.725-5.85	5+4	802.11be EHT40	151	5755	MCS0	Full RU	-
Mode 39	U-NII-3	5.725-5.85	5+4	802.11be EHT40	159	5795	MCS0	Full RU	-
Mode 40	U-NII-3	5.725-5.85	5+4	802.11be EHT80	155	5775	MCS0	Full RU	-
Mode 57	U-NII-3	5.725-5.85	5+4	802.11be EHT20	149	5745	MCS0	RU26/0	-
Mode 58	U-NII-3	5.725-5.85	5+4	802.11be EHT20	149	5745	MCS0	RU52/37	-

C.1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 59	U-NII-3	5.725-5.85	5+4	802.11be EHT20	149	5745	MCS0	RU106/53	-
Mode 60	U-NII-3	5.725-5.85	5+4	802.11be EHT20	165	5825	MCS0	RU26/8	-
Mode 61	U-NII-3	5.725-5.85	5+4	802.11be EHT20	165	5825	MCS0	RU52/40	-
Mode 62	U-NII-3	5.725-5.85	5+4	802.11be EHT20	165	5825	MCS0	RU106/54	-
Mode 64	U-NII-3	5.725-5.85	5+4	802.11be EHT80	155	5775	MCS0	Full RU	LF
Mode 66	U-NII-3	5.725-5.85	5+4	802.11be EHT80	155	5775	MCS0	Full RU	SHF

C.2.Summary of each worse mode

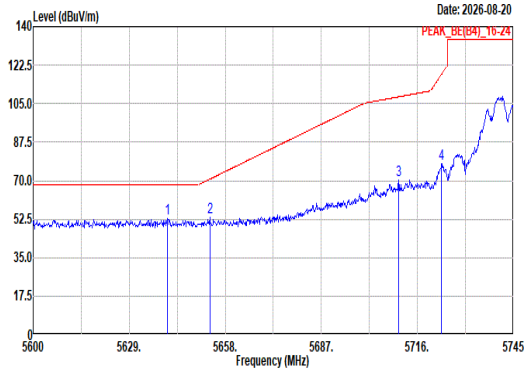
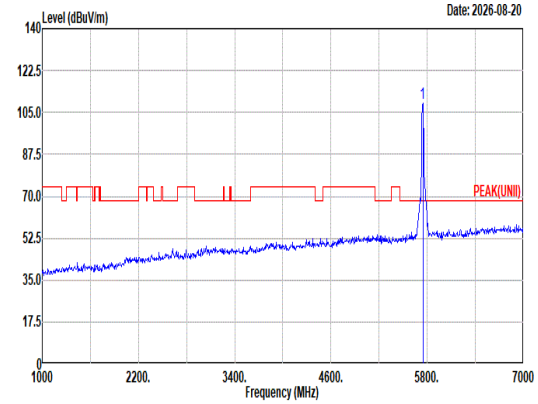
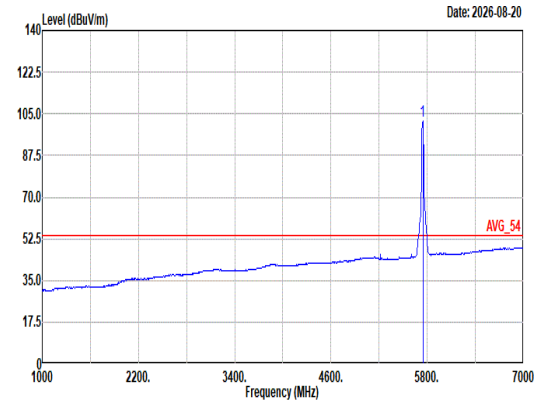
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
32	802.11a	149	5645.97	53.42	68.20	-14.78	V	Peak	Pass	-	Band Edge
	802.11a	149	17235.00	49.14	68.20	-19.06	H	Peak	Pass	-	Harmonic
33	802.11a	157	-	-	-	-	-	-	-	-	Band Edge
	802.11a	157	17355.00	47.81	68.20	-20.39	V	Peak	Pass	-	Harmonic
34	802.11a	165	5930.50	54.56	68.20	-13.64	V	Peak	Pass	-	Band Edge
	802.11a	165	17475.00	48.73	68.20	-19.47	H	Peak	Pass	-	Harmonic
35	802.11be EHT20	149	5606.53	53.48	68.20	-14.72	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	149	17235.00	48.95	68.20	-19.25	H	Peak	Pass	Full RU	Harmonic
36	802.11be EHT20	157	-	-	-	-	-	-	-	Full RU	Band Edge
	802.11be EHT20	157	17355.00	48.77	68.20	-19.43	V	Peak	Pass	Full RU	Harmonic
37	802.11be EHT20	165	5926.63	60.17	68.20	-8.03	V	Peak	Pass	Full RU	Band Edge

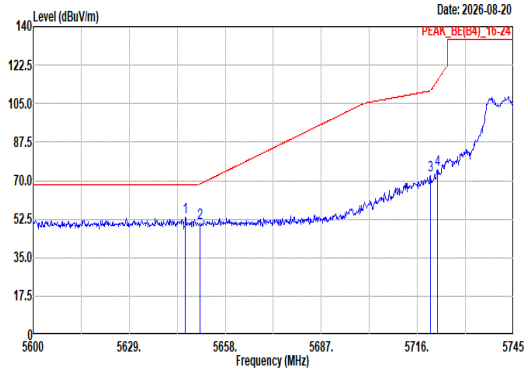
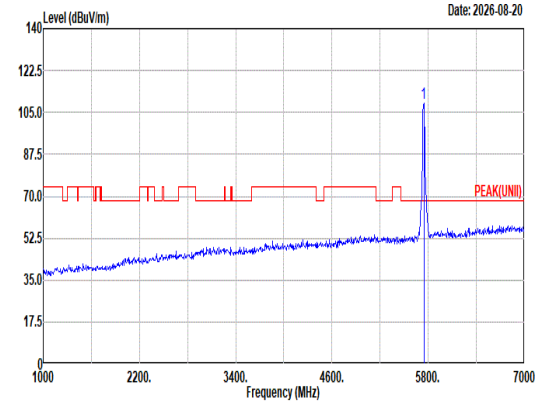
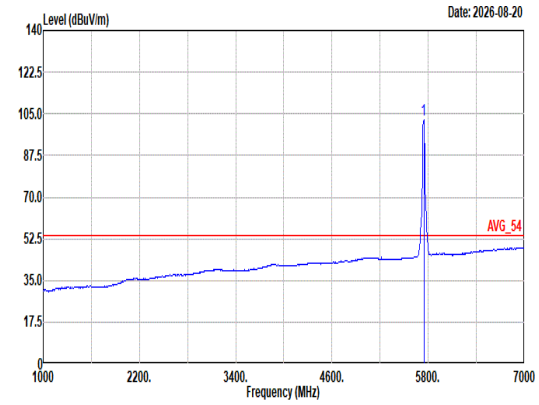
C.2.Summary of each worse mode

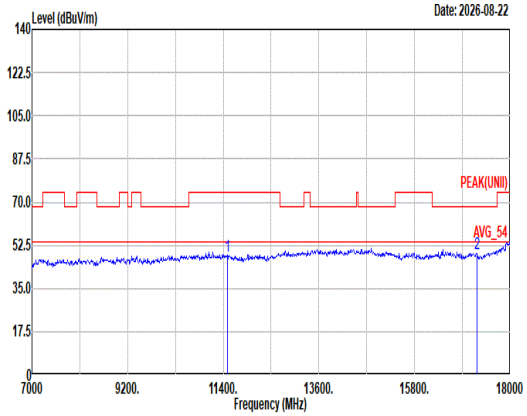
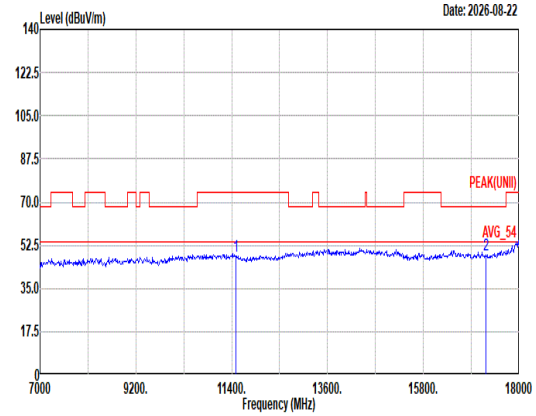
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
37	802.11be EHT20	165	17475.00	49.78	68.20	-18.42	V	Peak	Pass	Full RU	Harmonic
38	802.11be EHT40	151	5648.21	56.75	68.20	-11.45	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT40	151	17265.00	49.93	68.20	-18.27	H	Peak	Pass	Full RU	Harmonic
39	802.11be EHT40	159	5948.76	54.82	68.20	-13.38	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT40	159	17385.00	48.67	68.20	-19.53	H	Peak	Pass	Full RU	Harmonic
40	802.11be EHT80	155	5634.48	65.03	68.20	-3.17	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT80	155	17325.00	49.37	68.20	-18.83	H	Peak	Pass	Full RU	Harmonic
57	802.11be EHT20	149	5651.77	57.44	69.51	-12.07	V	Peak	Pass	RU26/0	Band Edge
	802.11be EHT20	149	-	-	-	-	-	-	-	RU26/0	Harmonic
58	802.11be EHT20	149	5648.58	59.85	68.20	-8.35	V	Peak	Pass	RU52/37	Band Edge
	802.11be EHT20	149	-	-	-	-	-	-	-	RU52/37	Harmonic

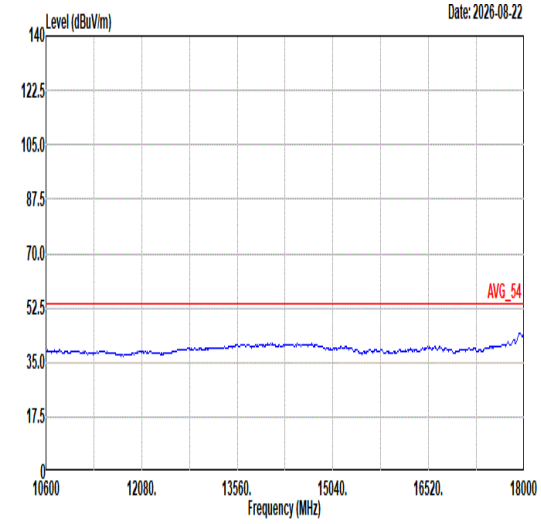
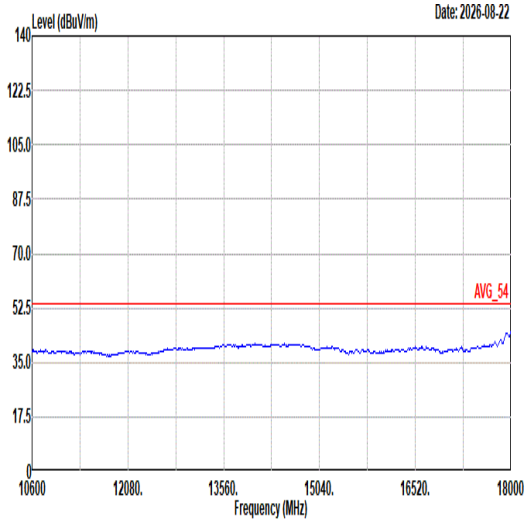
C.2.Summary of each worse mode

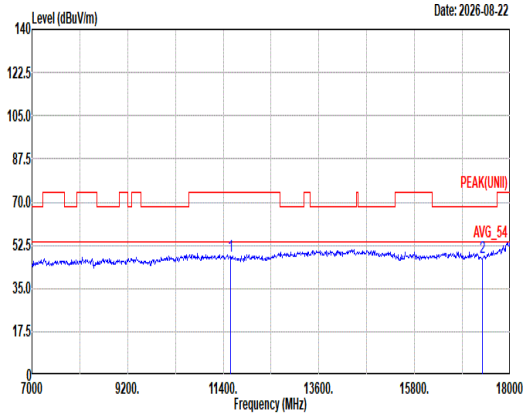
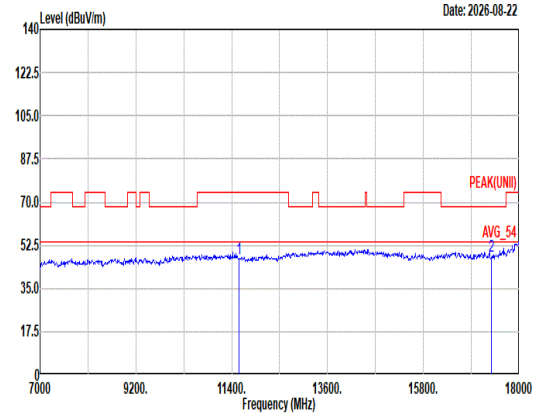
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
59	802.11be EHT20	149	5644.08	54.57	68.20	-13.63	V	Peak	Pass	RU106/53	Band Edge
	802.11be EHT20	149	-	-	-	-	-	-	-	RU106/53	Harmonic
60	802.11be EHT20	165	5931.50	59.29	68.20	-8.91	V	Peak	Pass	RU26/8	Band Edge
	802.11be EHT20	165	-	-	-	-	-	-	-	RU26/8	Harmonic
61	802.11be EHT20	165	5924.88	64.58	68.29	-3.71	V	Peak	Pass	RU52/40	Band Edge
	802.11be EHT20	165	-	-	-	-	-	-	-	RU52/40	Harmonic
62	802.11be EHT20	165	5917.38	65.45	73.82	-8.37	V	Peak	Pass	RU106/54	Band Edge
	802.11be EHT20	165	-	-	-	-	-	-	-	RU106/54	Harmonic
64	LF	155	184.23	36.62	43.50	-6.88	H	Peak	Pass	-	LF
66	SHF	155	39395.00	47.28	74.00	-26.72	H	Peak	Pass	-	SHF

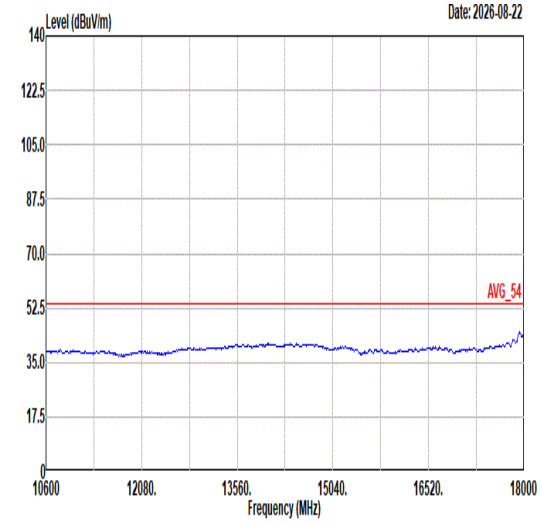
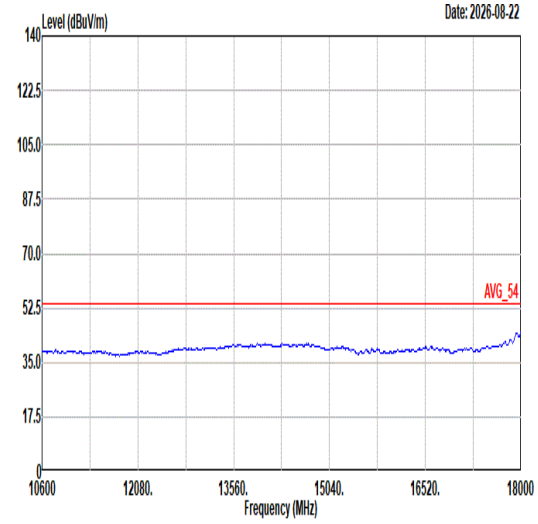
Mode	32	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5640.46 52.71 68.20 -15.49 43.86 33.06 12.06 36.27 0.00 100 316 Peak 2 5653.36 53.39 70.70 -17.31 44.47 33.12 12.07 36.27 0.00 100 316 Peak 3 5710.35 70.11 108.10 -37.99 60.85 33.42 12.12 36.28 0.00 100 316 Peak 4 5723.25 77.76 118.21 -40.45 68.46 33.45 12.14 36.29 0.00 100 316 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 108.57 ------ ------ 99.20 33.51 12.16 36.30 0.00 100 316 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 101.84 ------ ------ 92.48 33.49 12.16 36.29 0.00 100 316 Average

Mode	32	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 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 5645.97 53.42 68.20 -14.78 44.55 33.08 12.06 36.27 0.00 100 154 Peak 2 5650.46 50.85 68.54 -17.69 41.95 33.10 12.07 36.27 0.00 100 154 Peak 3 5719.92 72.58 110.78 -38.20 63.30 33.44 12.13 36.29 0.00 100 154 Peak 4 5721.95 75.24 115.24 -40.00 65.95 33.44 12.14 36.29 0.00 100 154 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 108.90 ------ ------ 99.54 33.49 12.16 36.29 0.00 100 154 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 102.27 ------ ------ 92.91 33.49 12.16 36.29 0.00 100 154 Average

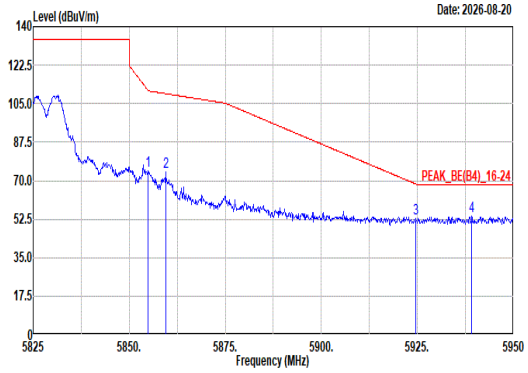
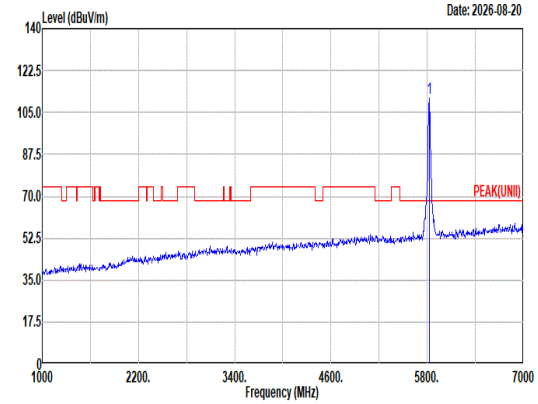
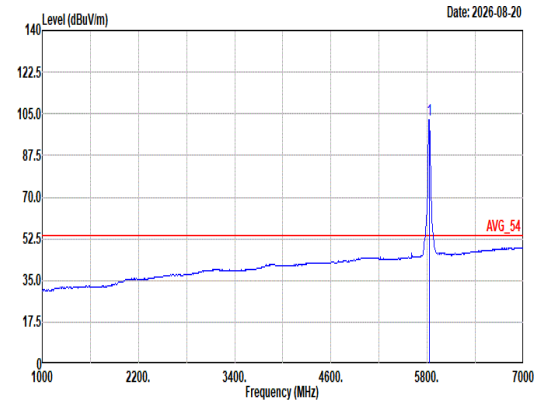
Mode	32	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11490.00 47.87 74.00 -26.13 57.22 39.00 16.91 66.03 0.77 -- -- Peak 2 17235.00 49.14 68.20 -19.06 54.95 38.64 20.83 66.08 0.80 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 47.82 74.00 -26.18 57.17 39.00 16.91 66.03 0.77 -- -- Peak 2 17235.00 48.69 68.20 -19.51 54.50 38.64 20.83 66.08 0.80 -- -- Peak

Mode	32	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL

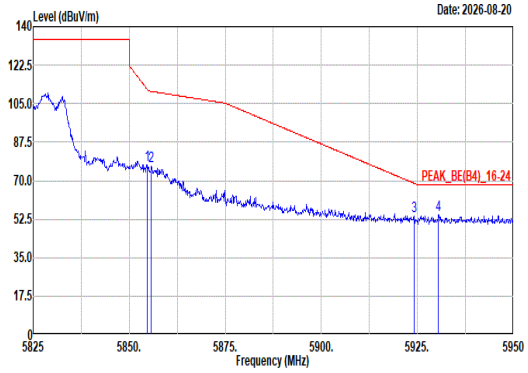
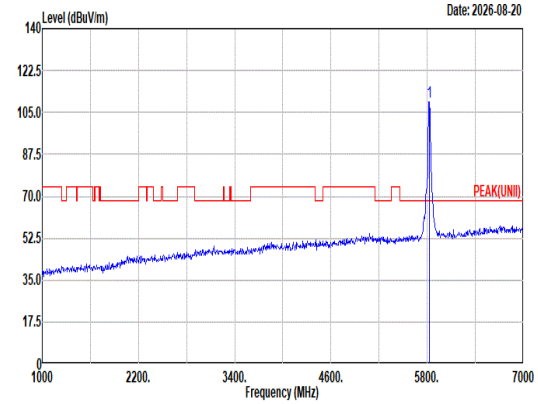
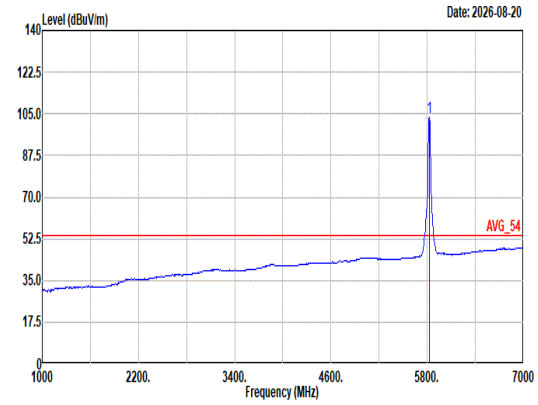
Mode	33	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11570.00 47.97 74.00 -26.03 57.54 38.77 16.96 66.06 0.76 -- -- Peak 2 17355.00 47.69 68.20 -20.51 53.18 38.71 20.93 65.94 0.81 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 47.19 74.00 -26.81 56.76 38.76 16.97 66.06 0.76 -- -- Peak 2 17355.00 47.81 68.20 -20.39 53.30 38.71 20.93 65.94 0.81 -- -- Peak

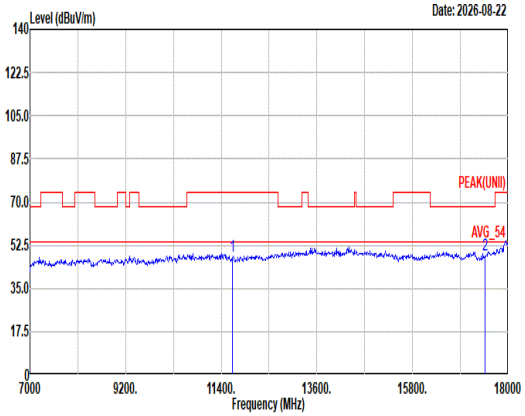
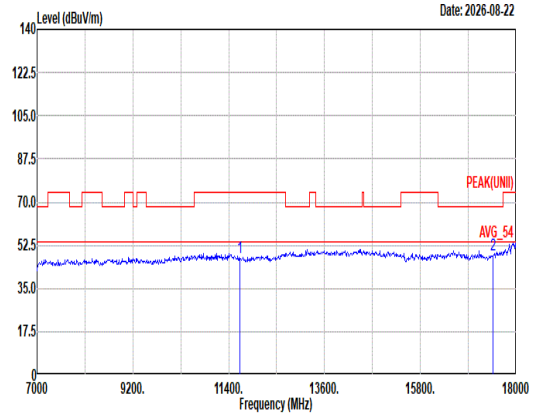
Mode	33	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg		

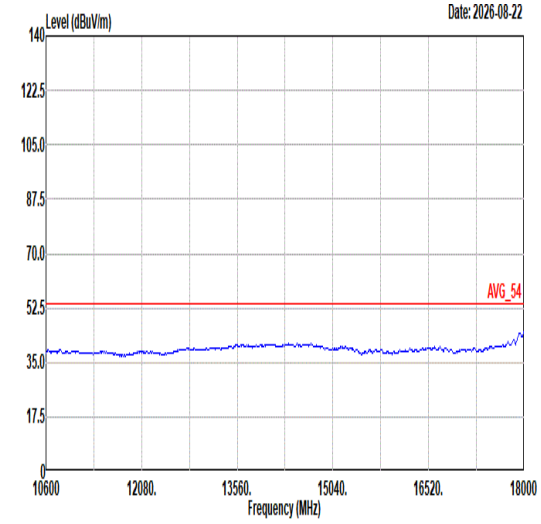
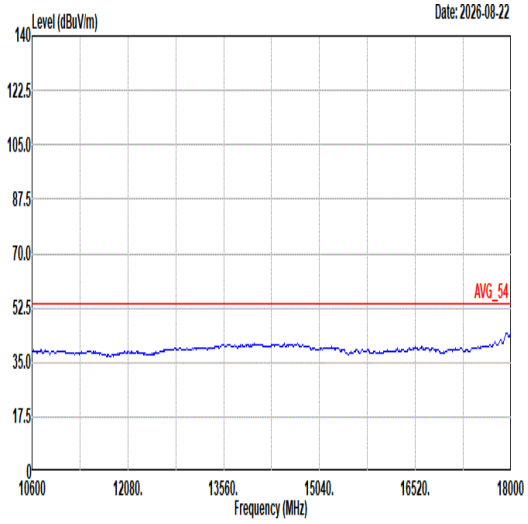
Mode	34
	Band Edge
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz
ANT	5+4

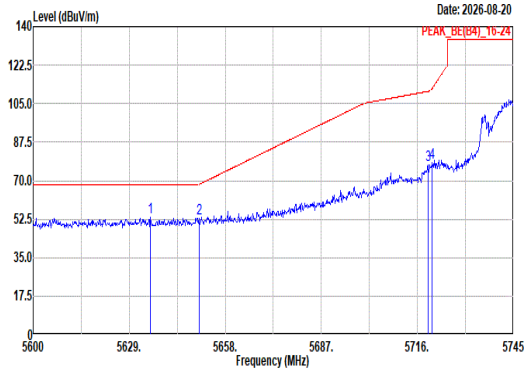
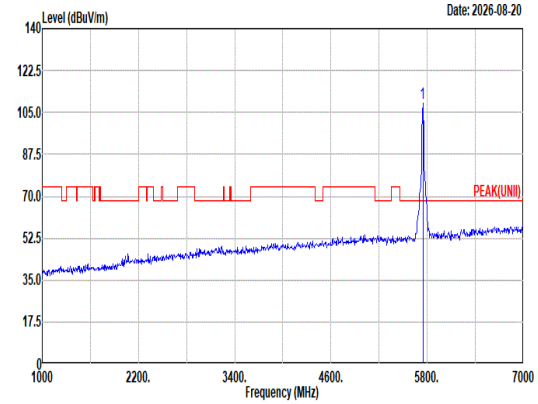
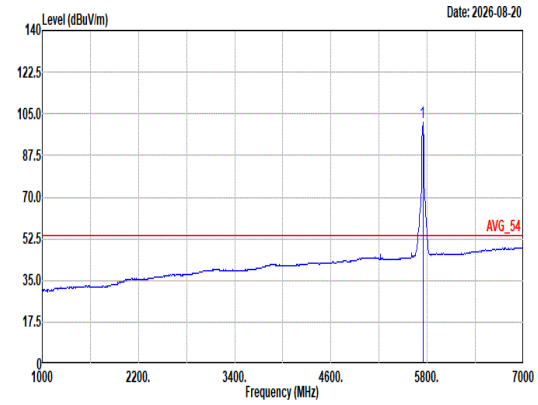
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.88 74.41 111.08 -36.67 64.49 33.93 12.31 36.32 0.00 100 325 Peak 2 5859.50 74.01 109.54 -35.53 64.05 33.96 12.32 36.32 0.00 100 325 Peak 3 5924.63 52.96 68.48 -15.52 42.72 34.15 12.43 36.34 0.00 100 325 Peak 4 5939.13 53.70 68.20 -14.50 43.46 34.12 12.46 36.34 0.00 100 325 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 111.10 ------ ------ 101.30 33.86 12.26 36.32 0.00 100 325 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 102.72 ------ ------ 92.93 33.85 12.25 36.31 0.00 100 325 Average

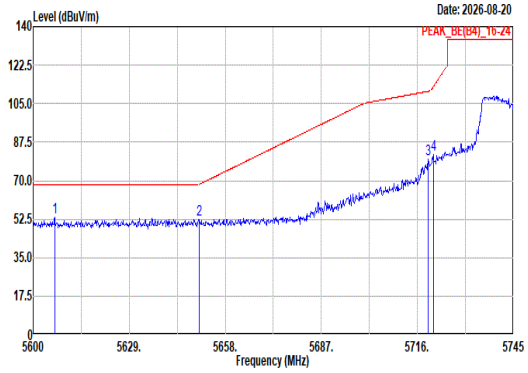
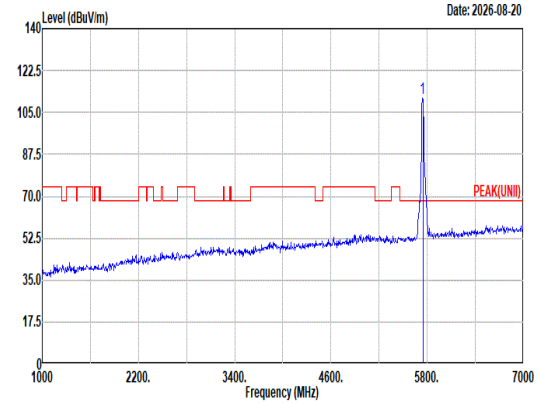
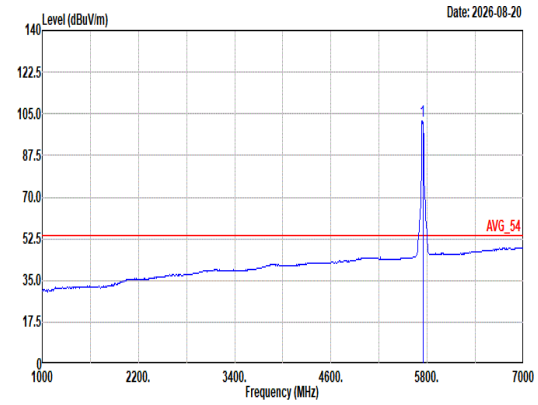
Mode	34
	Band Edge
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz
ANT	5+4

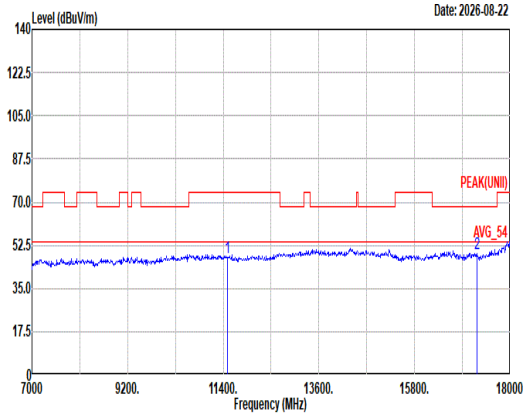
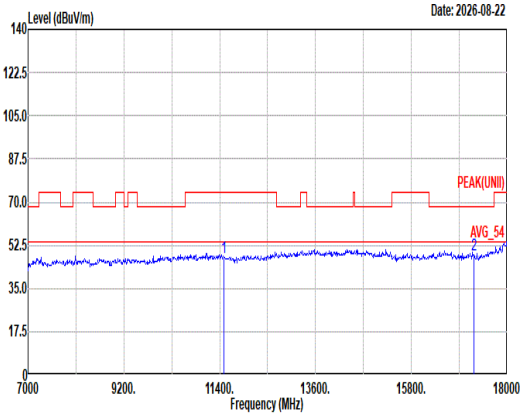
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.63 77.09 111.65 -34.56 67.17 33.93 12.31 36.32 0.00 100 145 Peak 2 5855.75 76.77 110.59 -33.82 66.85 33.93 12.31 36.32 0.00 100 145 Peak 3 5924.25 54.10 68.75 -14.65 43.86 34.15 12.43 36.34 0.00 100 145 Peak 4 5930.50 54.56 68.20 -13.64 44.32 34.14 12.44 36.34 0.00 100 145 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 109.55 ------ ------ 99.76 33.85 12.25 36.31 0.00 100 145 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 103.33 ------ ------ 93.54 33.85 12.25 36.31 0.00 100 145 Average

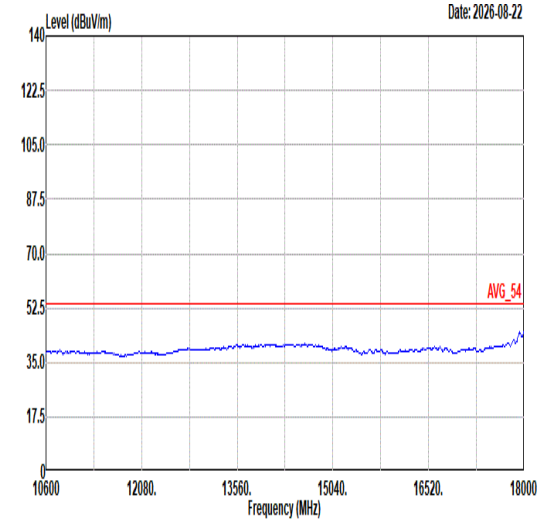
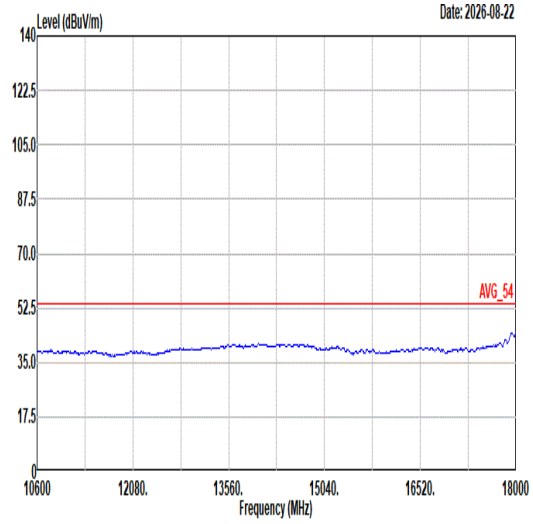
Mode	34	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11650.00 47.83 74.00 -26.17 57.66 38.50 17.03 66.10 0.74 -- -- Peak 2 17475.00 48.73 68.20 -19.47 53.73 38.95 21.02 65.79 0.82 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 11650.00 47.54 74.00 -26.46 57.37 38.50 17.03 66.10 0.74 -- -- Peak 2 17475.00 48.59 68.20 -19.61 53.59 38.95 21.02 65.79 0.82 -- -- Peak

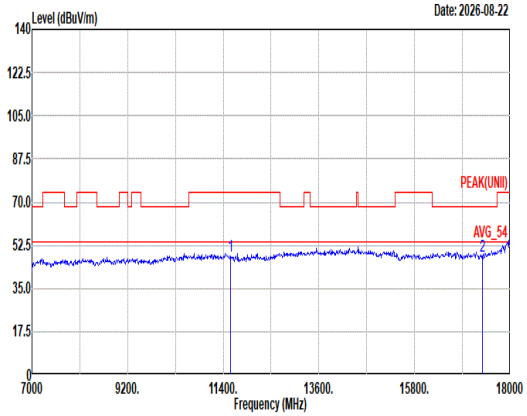
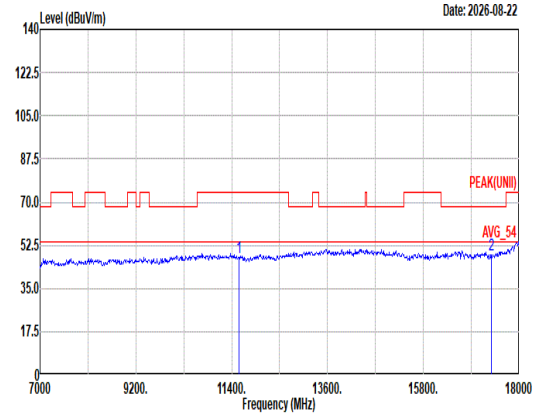
Mode	34	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL

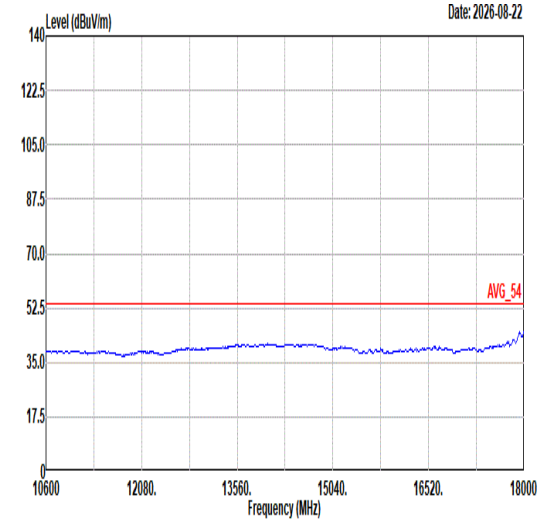
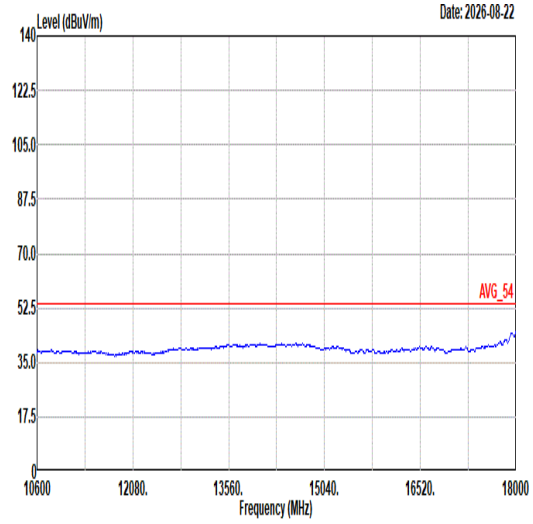
Mode	35	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_Full RU_5745MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5635.38 53.34 68.20 -14.86 44.52 33.04 12.05 36.27 0.00 100 313 Peak 2 5650.03 52.88 68.22 -15.34 43.98 33.10 12.07 36.27 0.00 100 313 Peak 3 5719.19 77.21 110.57 -33.36 67.93 33.44 12.13 36.29 0.00 100 313 Peak 4 5720.50 78.09 111.93 -33.84 68.81 33.44 12.13 36.29 0.00 100 313 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 109.04 ------ ------ 99.68 33.49 12.16 36.29 0.00 100 313 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 101.46 ------ ------ 92.10 33.49 12.16 36.29 0.00 100 313 Average

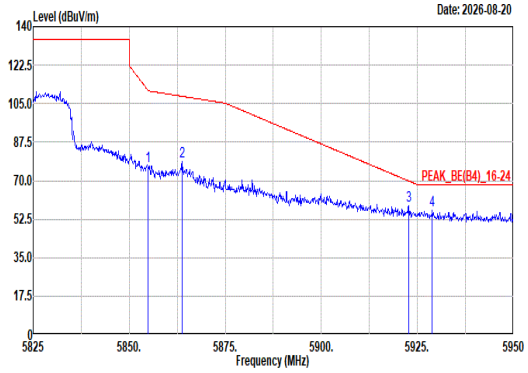
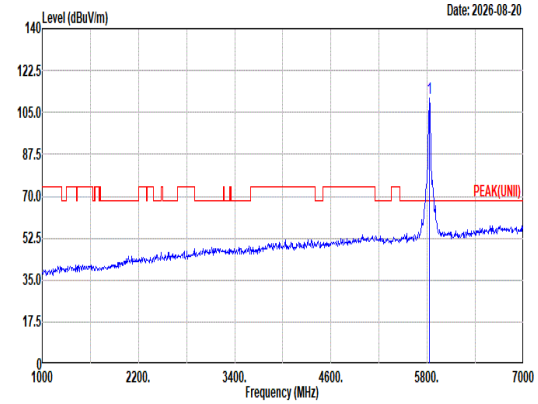
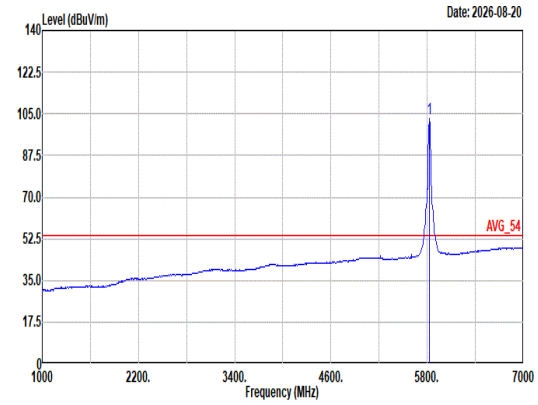
Mode	35	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_Full RU_5745MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5606.53 53.48 68.20 -14.72 44.78 32.93 12.03 36.26 0.00 100 148 Peak 2 5650.03 52.07 68.22 -16.15 43.17 33.10 12.07 36.27 0.00 100 148 Peak 3 5719.34 79.52 110.61 -31.09 70.24 33.44 12.13 36.29 0.00 100 148 Peak 4 5720.79 81.71 112.59 -30.88 72.43 33.44 12.13 36.29 0.00 100 148 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 110.77 ------ ------ 101.43 33.48 12.15 36.29 0.00 100 148 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 102.06 ------ ------ 92.72 33.48 12.15 36.29 0.00 100 148 Average

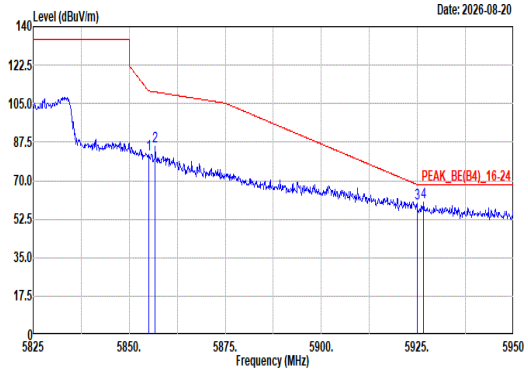
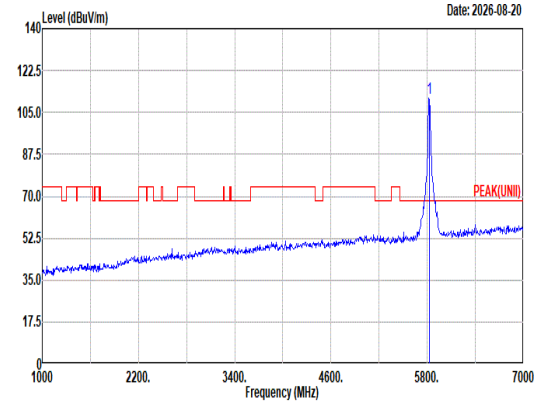
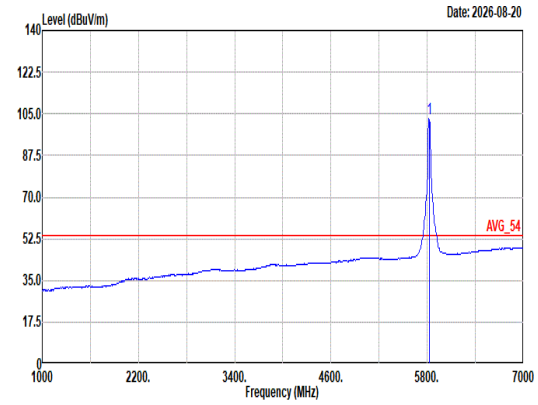
Mode	35	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_Full RU_5745MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11490.00 47.79 74.00 -26.21 57.14 39.00 16.91 66.03 0.77 -- -- Peak 2 17235.00 48.95 68.20 -19.25 54.76 38.64 20.83 66.08 0.80 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 47.73 74.00 -26.27 57.08 39.00 16.91 66.03 0.77 -- -- Peak 2 17235.00 48.69 68.20 -19.51 54.50 38.64 20.83 66.08 0.80 -- -- Peak

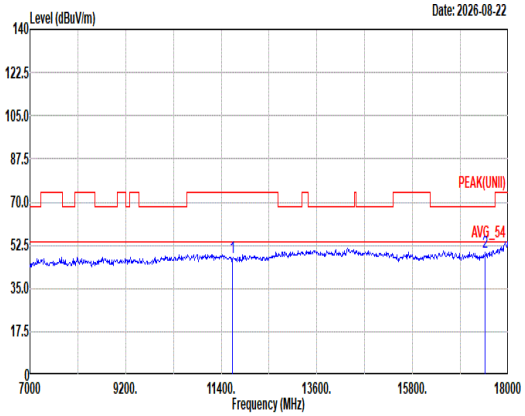
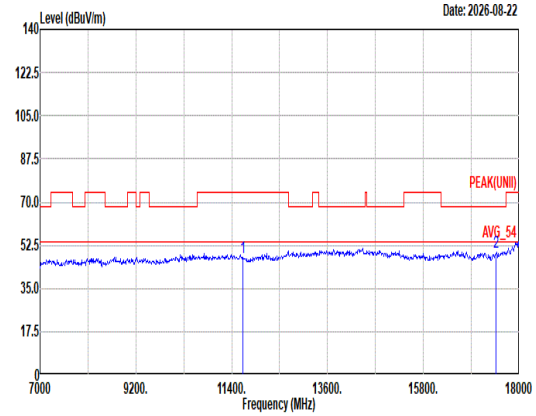
Mode	35	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_Full RU_5745MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL

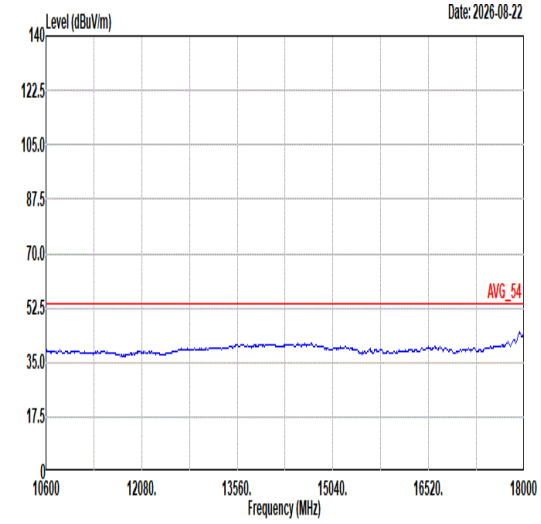
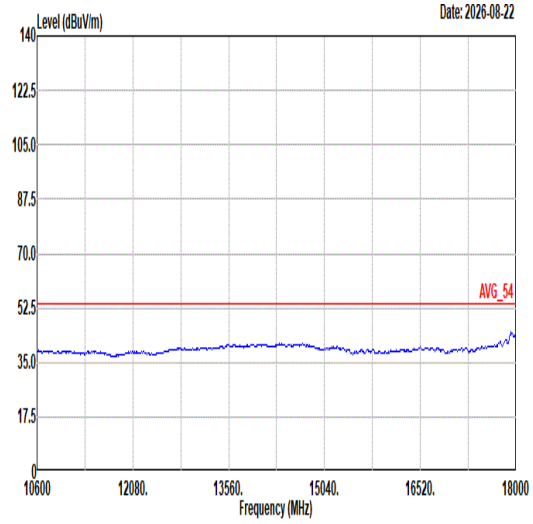
Mode	36	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT20_CH157_Full RU_5785MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11570.00 47.93 74.00 -26.07 57.50 38.77 16.96 66.06 0.76 -- -- Peak 2 17355.00 48.25 68.20 -19.95 53.74 38.71 20.93 65.94 0.81 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 47.71 74.00 -26.29 57.28 38.76 16.97 66.06 0.76 -- -- Peak 2 17355.00 48.77 68.20 -19.43 54.26 38.71 20.93 65.94 0.81 -- -- Peak

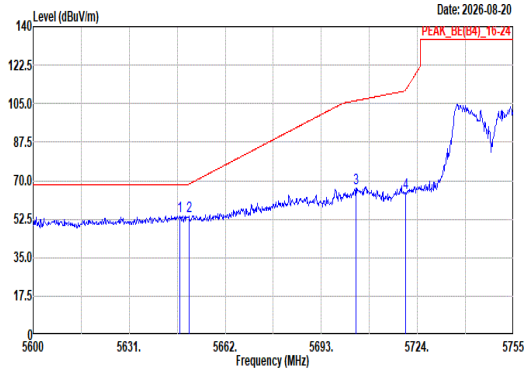
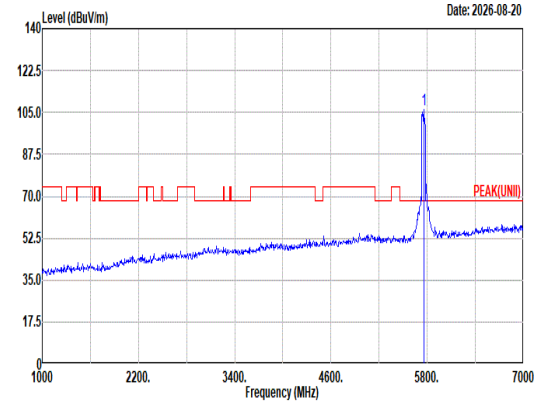
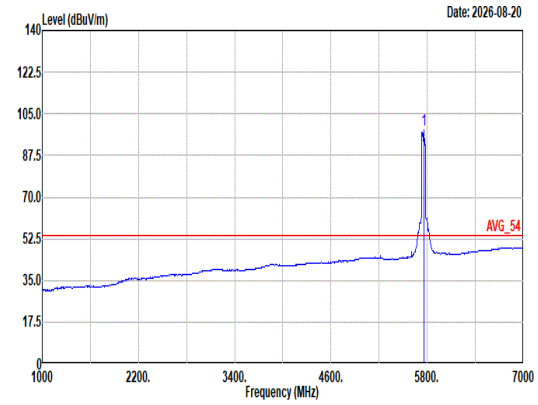
Mode	36	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT20_CH157_Full RU_5785MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL

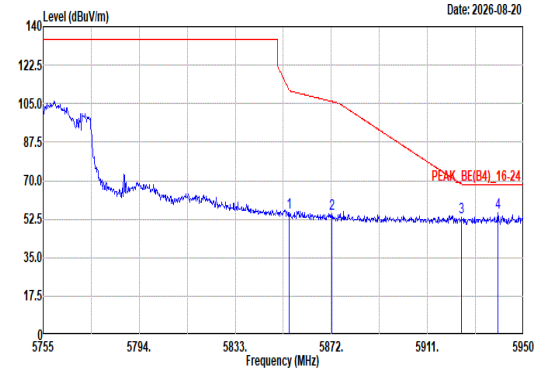
Mode	37	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_Full RU_5825MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.88 76.67 111.08 -34.41 66.75 33.93 12.31 36.32 0.00 100 325 Peak 2 5863.75 78.65 108.35 -29.70 68.67 33.98 12.32 36.32 0.00 100 325 Peak 3 5922.75 58.55 69.86 -11.31 48.31 34.15 12.43 36.34 0.00 100 325 Peak 4 5928.88 56.62 68.20 -11.58 46.38 34.14 12.44 36.34 0.00 100 325 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 110.71 ------ ------ 100.91 33.86 12.26 36.32 0.00 100 325 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 102.91 ------ ------ 93.11 33.86 12.26 36.32 0.00 100 325 Average

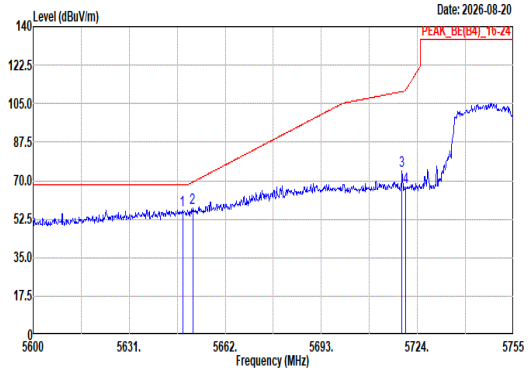
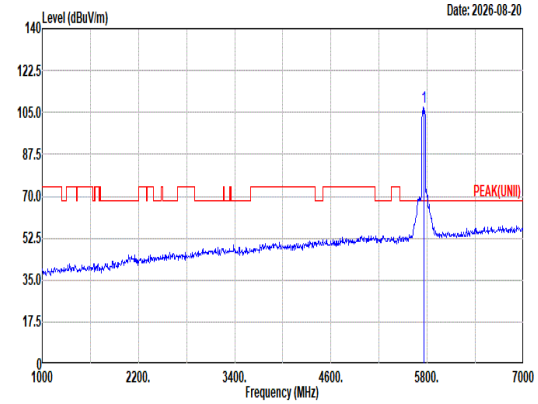
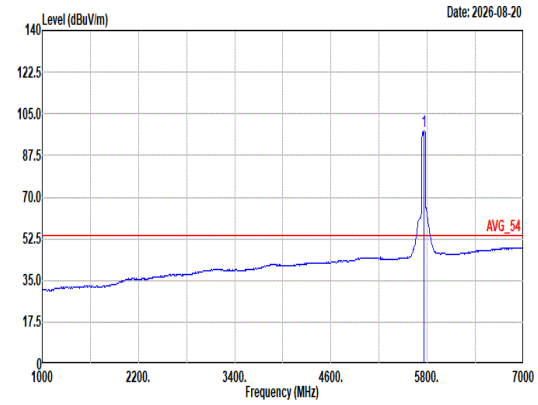
Mode	37	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_Full RU_5825MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 81.89 110.80 -28.91 71.97 33.93 12.31 36.32 0.00 101 148 Peak 2 5856.75 85.57 110.31 -24.74 75.64 33.94 12.31 36.32 0.00 101 148 Peak 3 5924.88 59.79 68.29 -8.50 49.55 34.15 12.43 36.34 0.00 101 148 Peak 4 5926.63 60.17 68.20 -8.03 49.92 34.15 12.44 36.34 0.00 101 148 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 111.20 ------ ------ 101.43 33.84 12.24 36.31 0.00 101 148 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 102.92 ------ ------ 93.15 33.84 12.24 36.31 0.00 101 148 Average

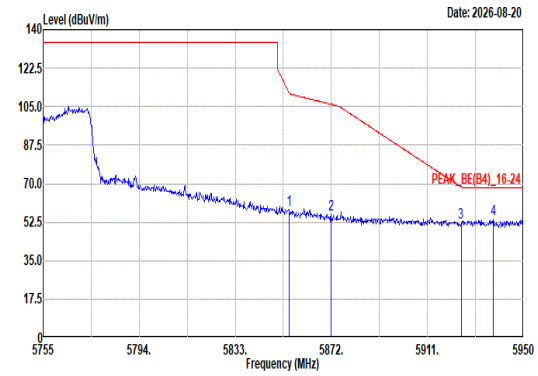
Mode	37	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_Full RU_5825MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11650.00 47.33 74.00 -26.67 57.16 38.50 17.03 66.10 0.74 -- -- Peak 2 17475.00 49.51 68.20 -18.69 54.51 38.95 21.02 65.79 0.82 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 11650.00 47.73 74.00 -26.27 57.56 38.50 17.03 66.10 0.74 -- -- Peak 2 17475.00 49.78 68.20 -18.42 54.78 38.95 21.02 65.79 0.82 -- -- Peak

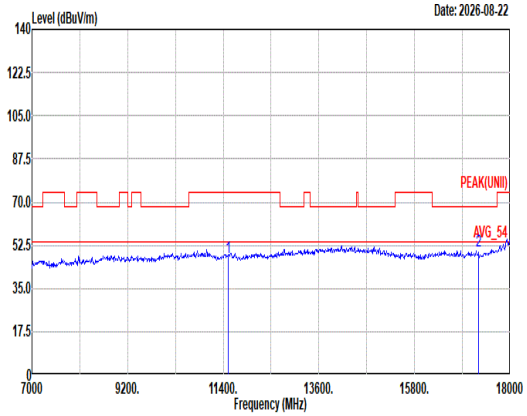
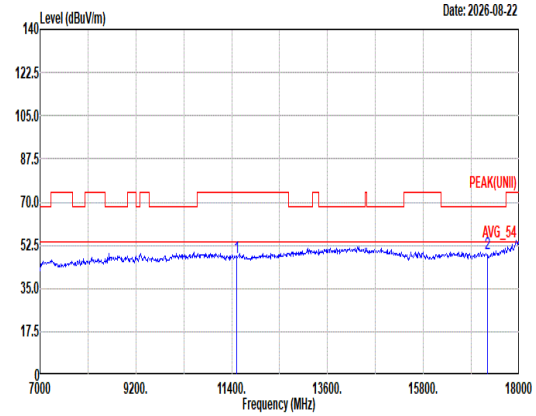
Mode	37	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_Full RU_5825MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL

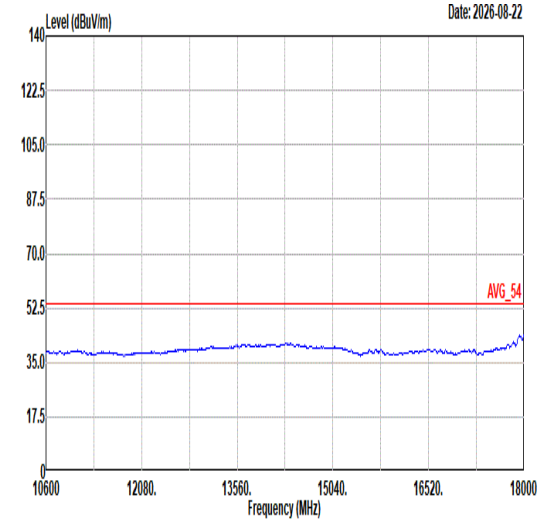
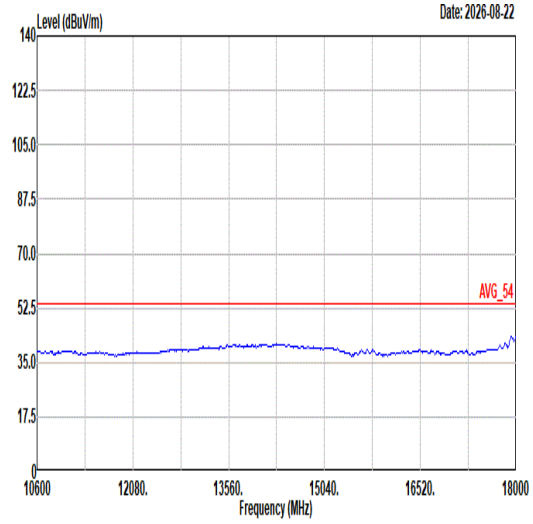
Mode	38	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11be EHT40_CH151_Full RU_5755MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5647.28 54.01 68.20 -14.19 45.13 33.09 12.06 36.27 0.00 108 324 Peak 2 5650.22 53.80 68.36 -14.56 44.90 33.10 12.07 36.27 0.00 108 324 Peak 3 5704.16 66.53 106.37 -39.84 57.28 33.41 12.12 36.28 0.00 108 324 Peak 4 5720.13 64.68 111.09 -46.41 55.40 33.44 12.13 36.29 0.00 108 324 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5755.00 106.00 ------ ------ 96.58 33.55 12.17 36.30 0.00 108 324 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 98.12 ------ ------ 88.70 33.55 12.17 36.30 0.00 108 324 Average

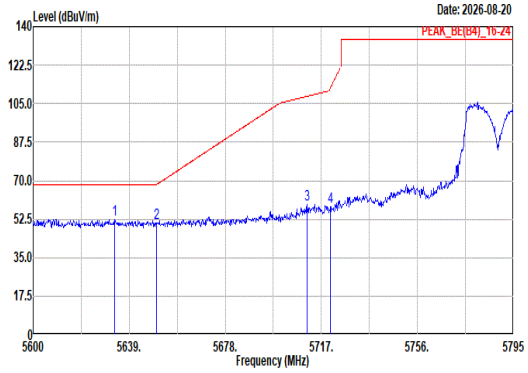
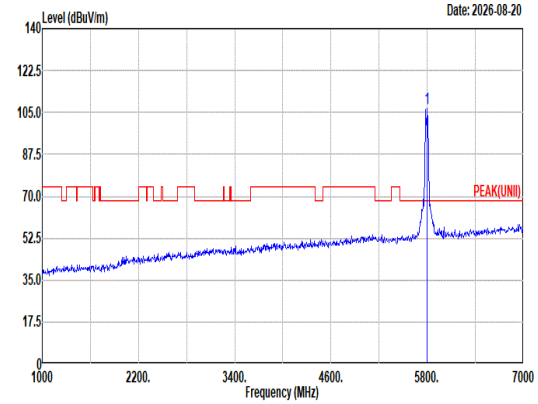
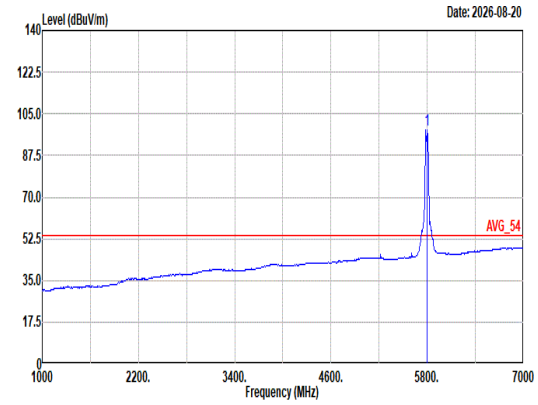
Mode	38	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11be EHT40_CH151_Full RU_5755MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.84 55.23 111.16 -55.93 45.31 33.93 12.31 36.32 0.00 108 324 Peak 2 5872.20 55.14 105.98 -50.84 45.10 34.03 12.34 36.33 0.00 108 324 Peak 3 5924.85 53.35 68.31 -14.96 43.11 34.15 12.43 36.34 0.00 108 324 Peak 4 5939.47 55.51 68.20 -12.69 45.27 34.12 12.46 36.34 0.00 108 324 Peak	Blank

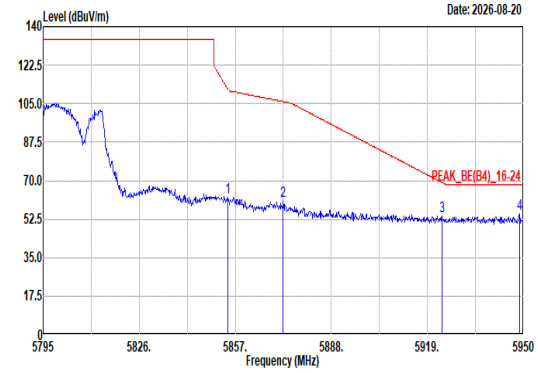
Mode	38	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11be EHT40_CH151_Full RU_5755MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.21 56.75 68.20 -11.45 47.86 33.09 12.07 36.27 0.00 100 148 Peak 2 5651.46 57.35 69.29 -11.94 48.44 33.11 12.07 36.27 0.00 100 148 Peak 3 5719.04 74.47 110.53 -36.06 65.19 33.44 12.13 36.29 0.00 100 148 Peak 4 5720.28 67.06 111.44 -44.38 57.78 33.44 12.13 36.29 0.00 100 148 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5755.00 107.07 ------ ------ 97.71 33.49 12.16 36.29 0.00 100 148 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 97.71 ------ ------ 88.21 33.62 12.18 36.30 0.00 100 148 Average

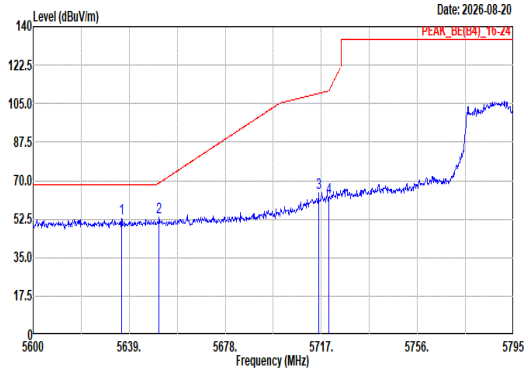
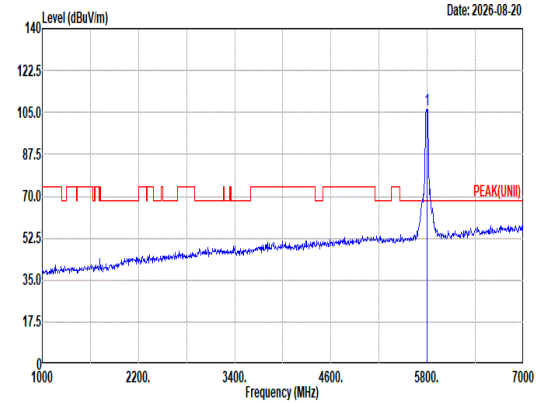
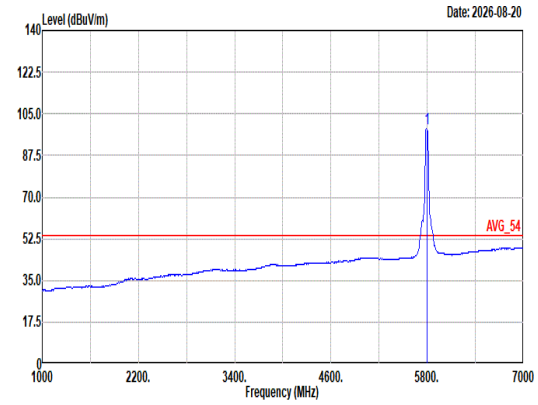
Mode	38	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11be EHT40_CH151_Full RU_5755MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.84 58.18 111.16 -52.98 48.26 33.93 12.31 36.32 0.00 100 148 Peak 2 5871.81 56.26 106.09 -49.83 46.22 34.03 12.34 36.33 0.00 100 148 Peak 3 5924.65 52.04 68.46 -16.42 41.80 34.15 12.43 36.34 0.00 100 148 Peak 4 5937.72 53.97 68.20 -14.23 43.73 34.12 12.46 36.34 0.00 100 148 Peak	Blank

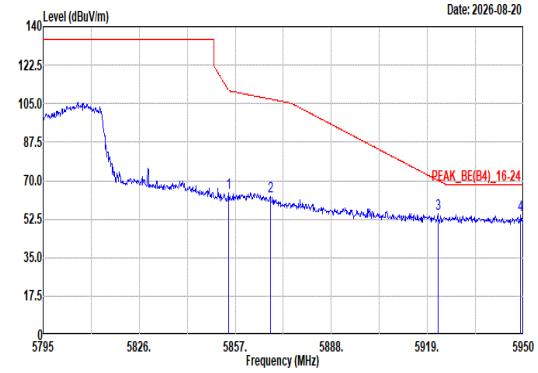
Mode	38	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT40_CH151_Full RU_5755MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11510.00 47.73 74.00 -26.27 57.11 38.96 16.92 66.03 0.77 200 123 Peak 2 17265.00 49.93 68.20 -18.27 55.66 38.67 20.85 66.05 0.80 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 11510.00 47.57 74.00 -26.43 56.95 38.96 16.92 66.03 0.77 -- -- Peak 2 17265.00 49.28 68.20 -18.92 55.01 38.67 20.85 66.05 0.80 -- -- Peak

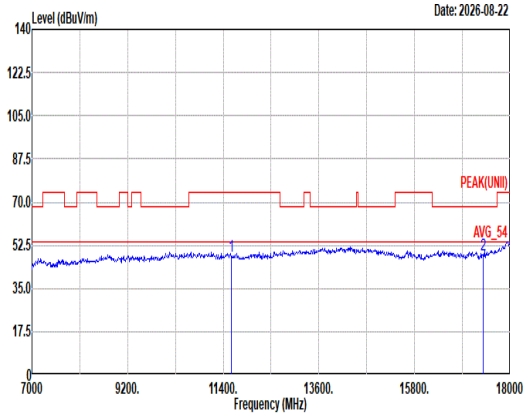
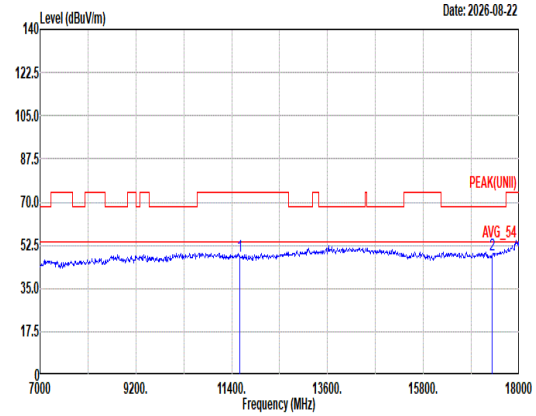
Mode	38	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT40_CH151_Full RU_5755MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL

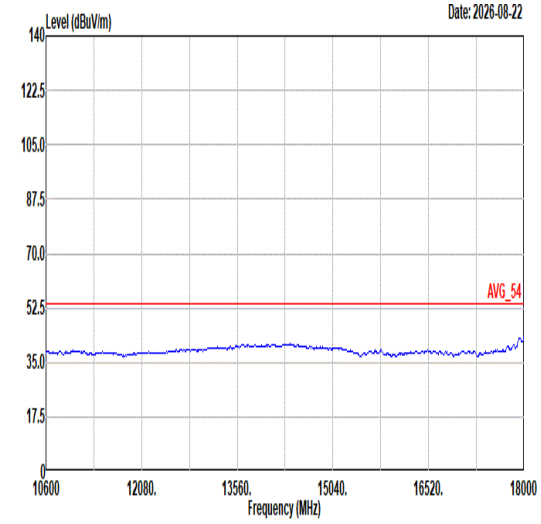
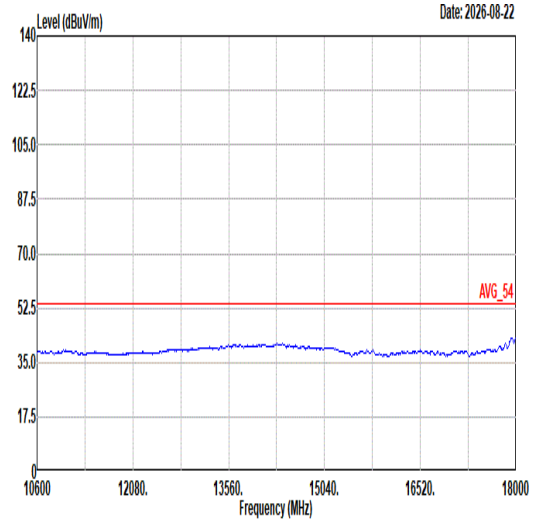
Mode	39	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11be EHT40_CH159_Full RU_5795MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5632.96 52.38 68.20 -15.82 43.56 33.03 12.05 36.26 0.00 100 322 Peak 2 5650.12 50.77 68.29 -17.52 41.87 33.10 12.07 36.27 0.00 100 322 Peak 3 5711.15 59.39 108.32 -48.93 50.12 33.42 12.13 36.28 0.00 100 322 Peak 4 5720.71 58.11 112.41 -54.30 48.83 33.44 12.13 36.29 0.00 100 322 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5795.00 106.75 ------ ------ 97.05 33.80 12.21 36.31 0.00 100 322 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5795.00 98.34 ------ ------ 88.64 33.80 12.21 36.31 0.00 100 322 Average

Mode	39	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11be EHT40_CH159_Full RU_5795MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 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 62.45 111.54 -49.09 52.53 33.93 12.31 36.32 0.00 100 322 Peak 2 5872.50 60.69 105.90 -45.21 50.65 34.03 12.34 36.33 0.00 100 322 Peak 3 5923.65 53.63 69.19 -15.56 43.39 34.15 12.43 36.34 0.00 100 322 Peak 4 5948.76 54.82 68.20 -13.38 44.59 34.10 12.48 36.35 0.00 100 322 Peak	Blank

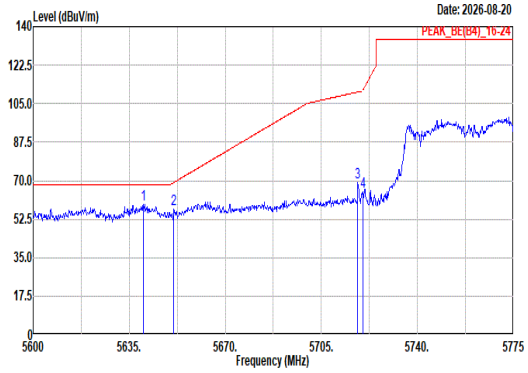
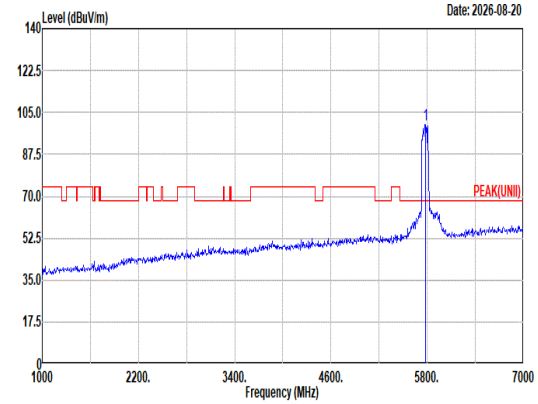
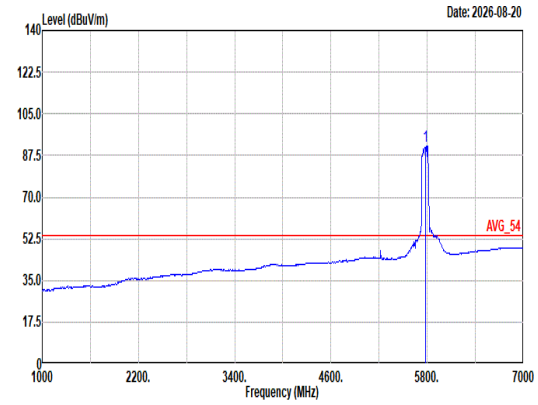
Mode	39	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11be EHT40_CH159_Full RU_5795MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5635.88 52.83 68.20 -15.37 44.01 33.04 12.05 36.27 0.00 102 144 Peak 2 5651.09 53.24 69.01 -15.77 44.33 33.11 12.07 36.27 0.00 102 144 Peak 3 5715.83 64.19 109.63 -45.44 54.92 33.43 12.13 36.29 0.00 102 144 Peak 4 5720.12 62.56 111.07 -48.51 53.28 33.44 12.13 36.29 0.00 102 144 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5795.00 106.19 ------ ------ 96.47 33.81 12.22 36.31 0.00 102 144 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5795.00 98.81 ------ ------ 89.18 33.73 12.20 36.30 0.00 102 144 Average

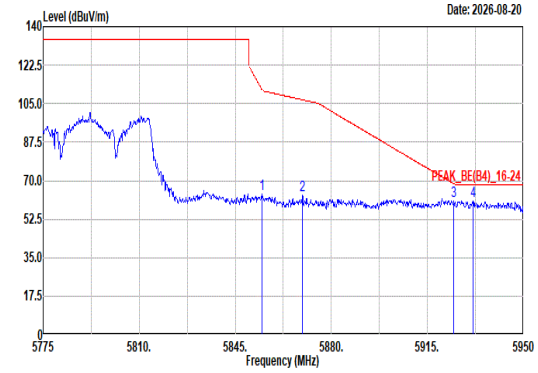
Mode	39	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11be EHT40_CH159_Full RU_5795MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.83 64.25 111.19 -46.94 54.33 33.93 12.31 36.32 0.00 102 144 Peak 2 5868.32 63.01 107.07 -44.06 53.00 34.01 12.33 36.33 0.00 102 144 Peak 3 5922.41 55.15 70.11 -14.96 44.90 34.16 12.43 36.34 0.00 102 144 Peak 4 5949.07 54.19 68.20 -14.01 43.96 34.10 12.48 36.35 0.00 102 144 Peak	Blank

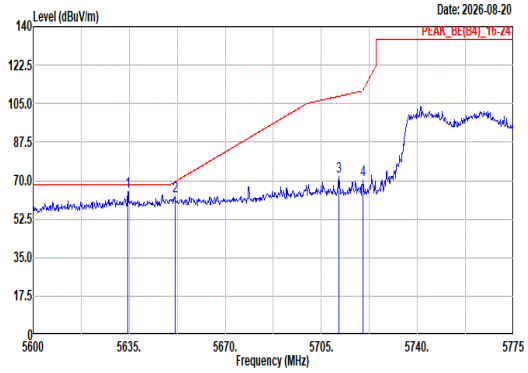
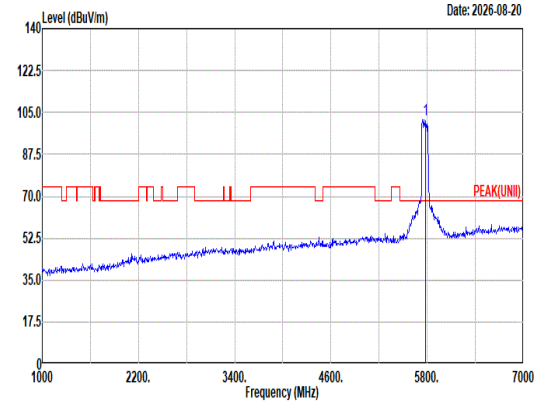
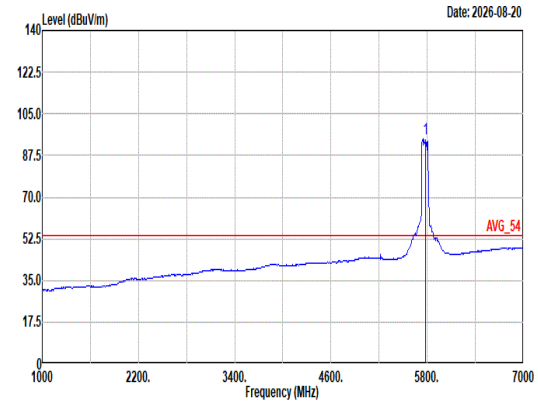
Mode	39	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT40_CH159_Full RU_5795MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11590.00 47.86 74.00 -26.14 57.47 38.73 16.98 66.07 0.75 -- -- Peak 2 17385.00 48.67 68.20 -19.53 54.04 38.77 20.95 65.90 0.81 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 11590.00 47.82 74.00 -26.18 57.44 38.72 16.98 66.07 0.75 -- -- Peak 2 17385.00 48.39 68.20 -19.81 53.76 38.77 20.95 65.90 0.81 -- -- Peak

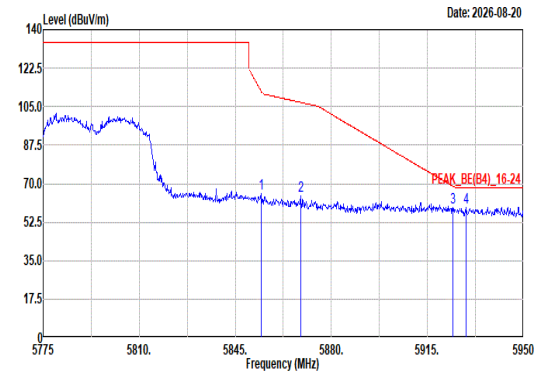
Mode	39	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT40_CH159_Full RU_5795MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL

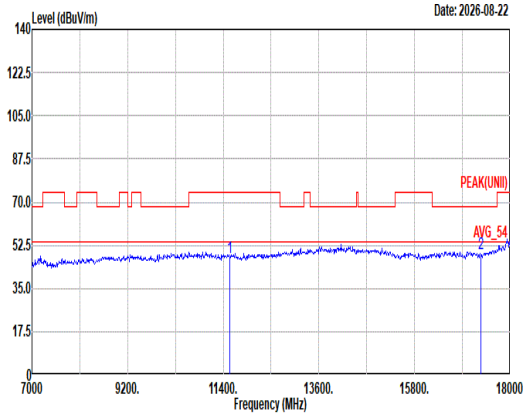
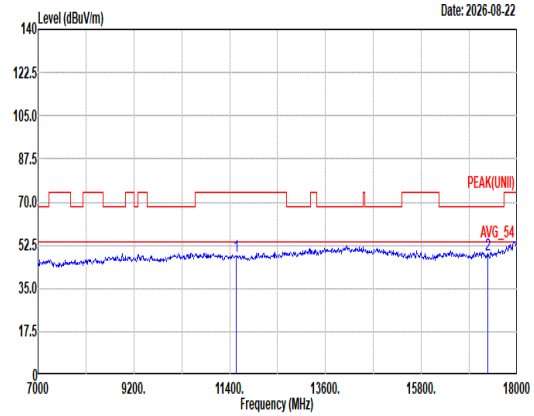
Mode	40
	Band Edge - L
	U-NII-3_5.725-5.85_802.11be EHT80_CH155_Full RU_5775MHz
ANT	5+4

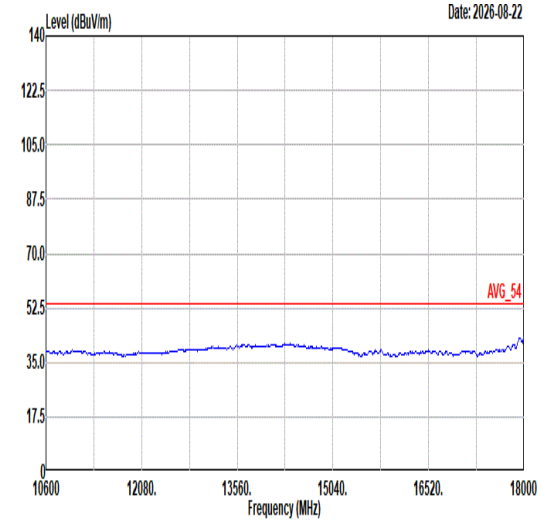
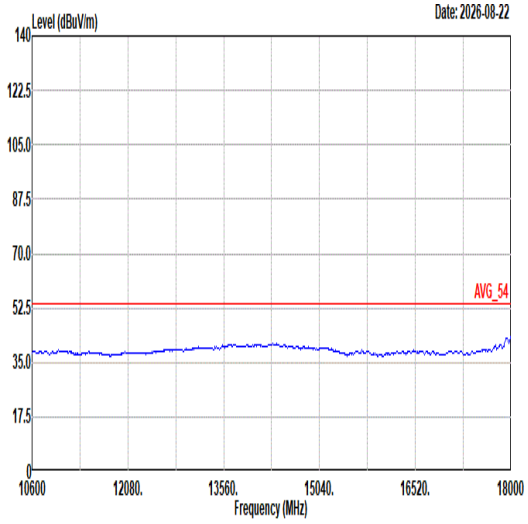
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5640.08 59.40 68.20 -8.80 50.55 33.06 12.06 36.27 0.00 300 300 Peak 2 5651.28 56.83 69.15 -12.32 47.92 33.11 12.07 36.27 0.00 300 300 Peak 3 5718.30 69.01 110.32 -41.31 59.73 33.44 12.13 36.29 0.00 300 300 Peak 4 5720.05 64.89 110.91 -46.02 55.61 33.44 12.13 36.29 0.00 300 300 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5775.00 100.03 ------ ------ 90.53 33.62 12.18 36.30 0.00 300 300 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 91.42 ------ ------ 81.68 33.82 12.23 36.31 0.00 300 300 Average

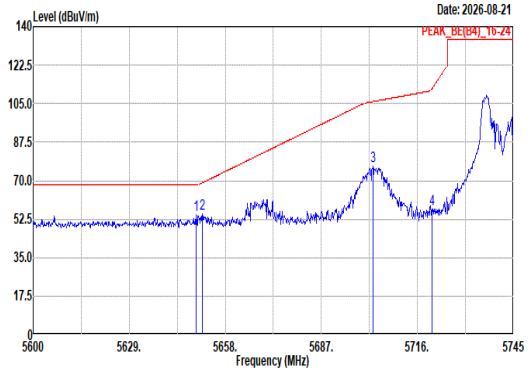
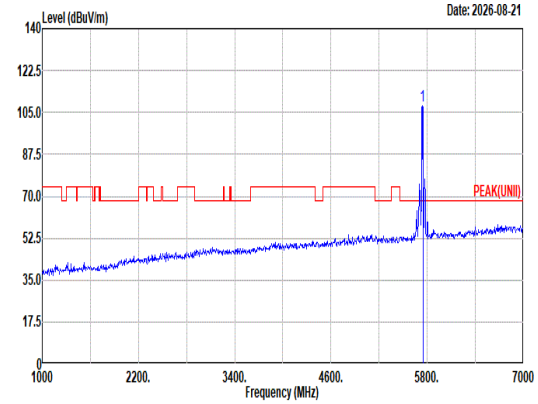
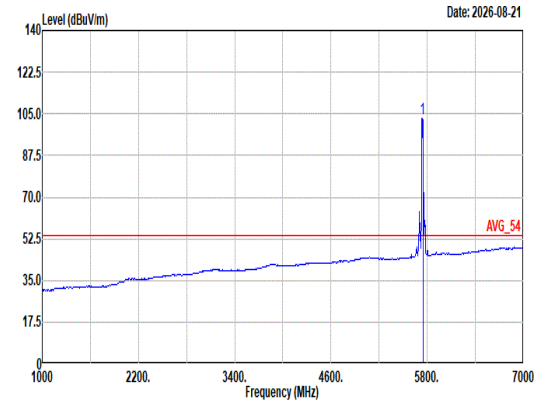
Mode	40	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11be EHT80_CH155_Full RU_5775MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.80 63.80 111.26 -47.46 53.88 33.93 12.31 36.32 0.00 300 300 Peak 2 5869.50 63.35 106.74 -43.39 53.32 34.02 12.34 36.33 0.00 300 300 Peak 3 5924.63 60.77 68.48 -7.71 50.53 34.15 12.43 36.34 0.00 300 300 Peak 4 5931.63 60.94 68.20 -7.26 50.69 34.14 12.45 36.34 0.00 300 300 Peak	Blank

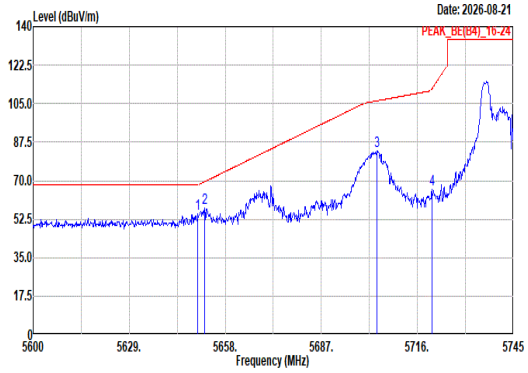
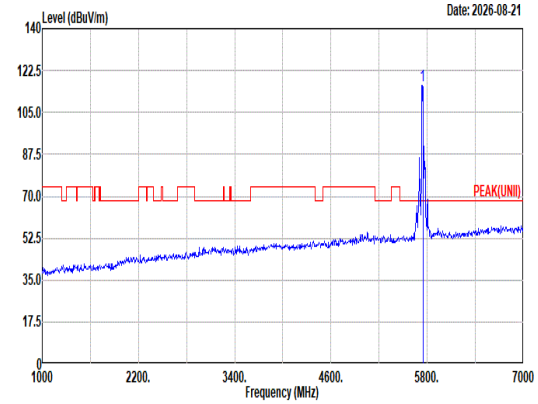
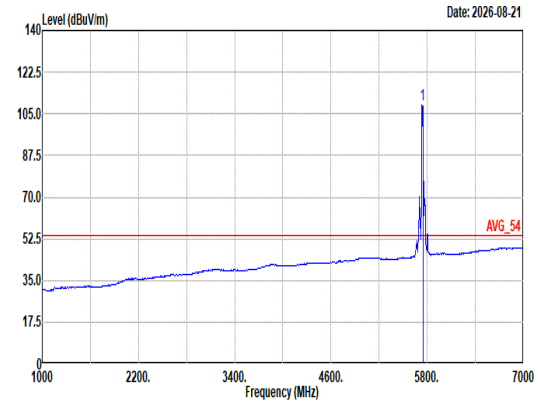
Mode	40	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11be EHT80_CH155_Full RU_5775MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5634.48 65.03 68.20 -3.17 56.20 33.04 12.05 36.26 0.00 143 167 Peak 2 5651.63 62.83 69.41 -6.58 53.92 33.11 12.07 36.27 0.00 143 167 Peak 3 5711.30 71.98 108.37 -36.39 62.71 33.42 12.13 36.28 0.00 143 167 Peak 4 5720.23 70.21 111.31 -41.10 60.93 33.44 12.13 36.29 0.00 143 167 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5775.00 102.13 ------ ------ 92.67 33.58 12.18 36.30 0.00 143 167 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 94.34 ------ ------ 84.98 33.49 12.16 36.29 0.00 143 167 Average

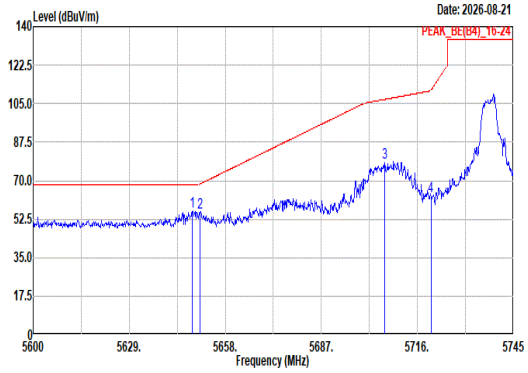
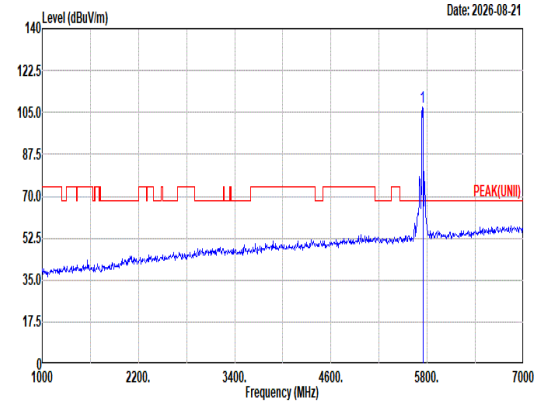
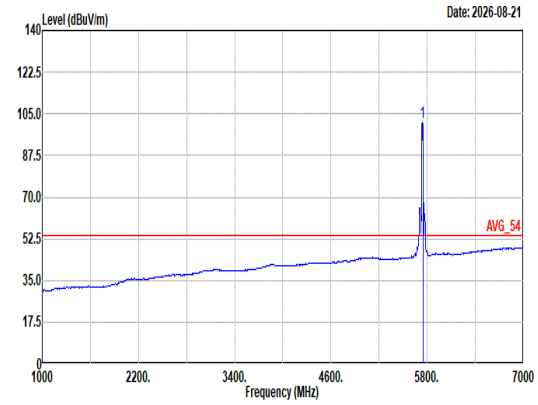
Mode	40	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11be EHT80_CH155_Full RU_5775MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.45 65.43 112.05 -46.62 55.51 33.93 12.31 36.32 0.00 143 167 Peak 2 5868.80 64.19 106.93 -42.74 54.18 34.01 12.33 36.33 0.00 143 167 Peak 3 5924.28 59.09 68.73 -9.64 48.85 34.15 12.43 36.34 0.00 143 167 Peak 4 5929.00 59.33 68.20 -8.87 49.09 34.14 12.44 36.34 0.00 143 167 Peak	Blank

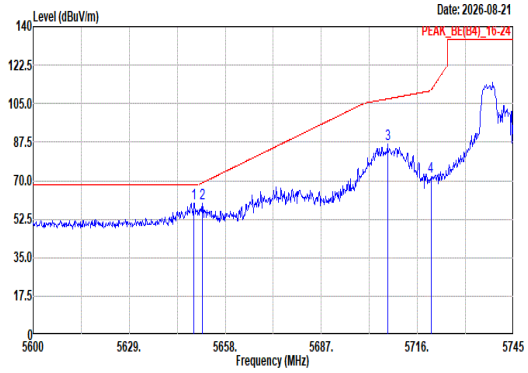
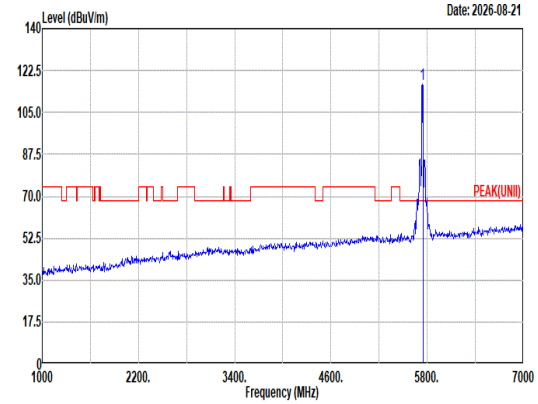
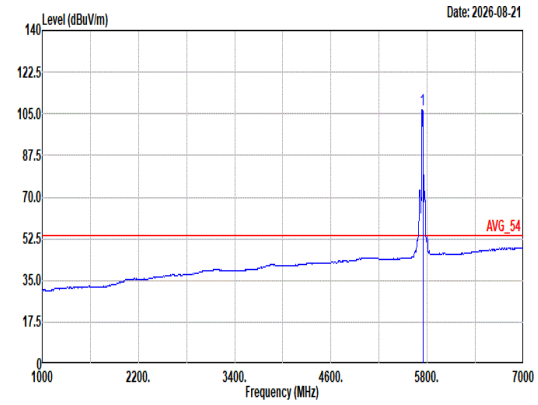
Mode	40	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT80_CH155_Full RU_5775MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11550.00 47.81 74.00 -26.19 57.36 38.79 16.96 66.06 0.76 -- -- Peak 2 17325.00 49.37 68.20 -18.83 54.98 38.65 20.90 65.97 0.81 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 11550.00 47.82 74.00 -26.18 57.37 38.79 16.96 66.06 0.76 -- -- Peak 2 17325.00 48.57 68.20 -19.63 54.16 38.66 20.91 65.97 0.81 -- -- Peak

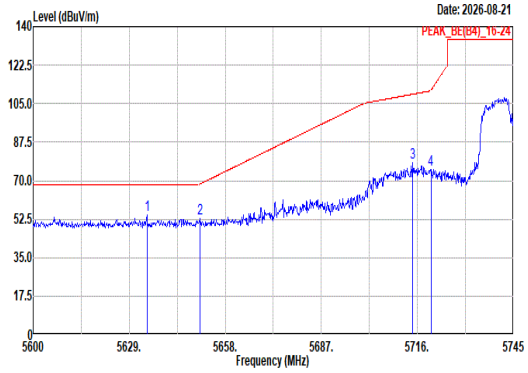
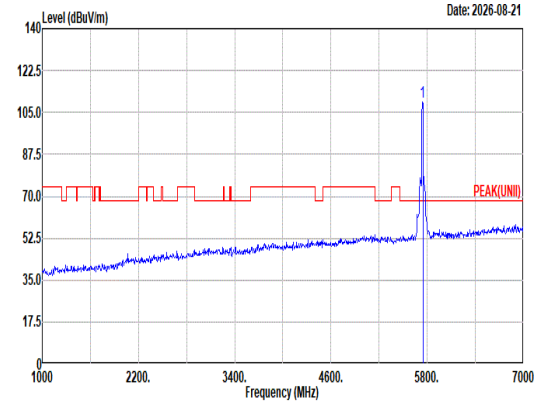
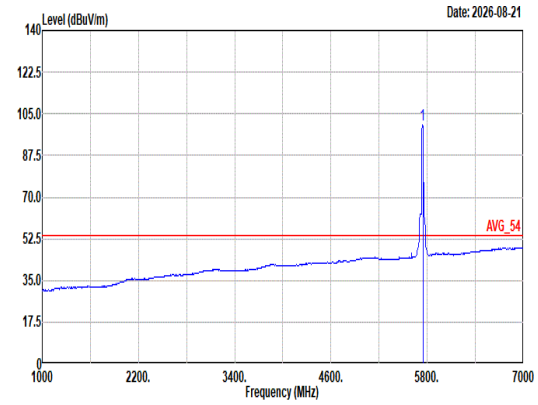
Mode	40	
	Harmonic	
	U-NII-3_5.725-5.85_802.11be EHT80_CH155_Full RU_5775MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL

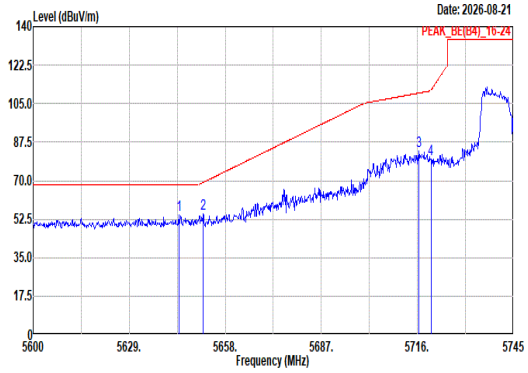
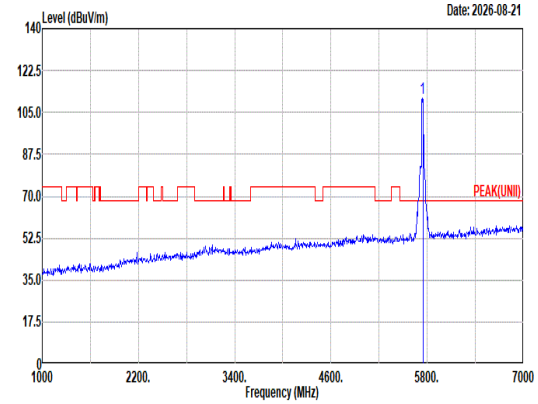
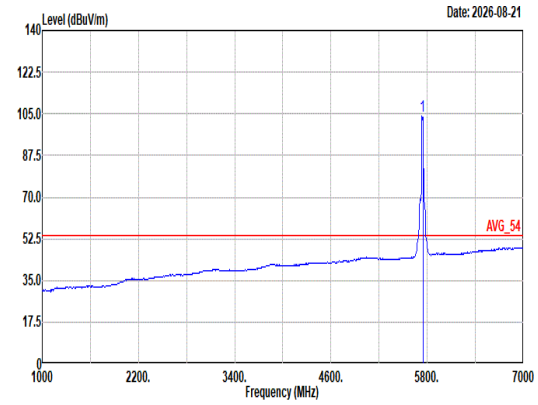
Mode	57	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU26/0_5745MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5649.16 54.51 68.20 -13.69 45.61 33.10 12.07 36.27 0.00 300 339 Peak 2 5651.04 55.04 68.97 -13.93 46.13 33.11 12.07 36.27 0.00 300 339 Peak 3 5702.66 76.44 105.95 -29.51 67.19 33.41 12.12 36.28 0.00 300 339 Peak 4 5720.50 56.95 111.93 -54.98 47.67 33.44 12.13 36.29 0.00 300 339 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 107.51 ------ ------ 98.17 33.48 12.15 36.29 0.00 300 339 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 103.00 ------ ------ 93.67 33.47 12.15 36.29 0.00 300 339 Average

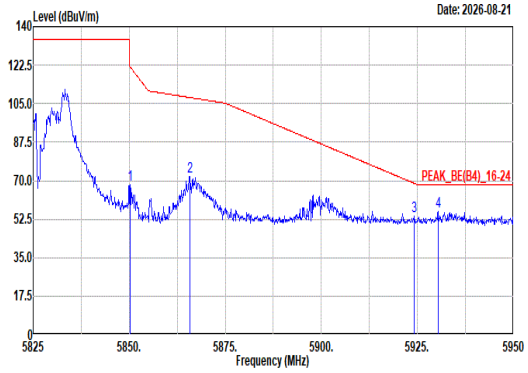
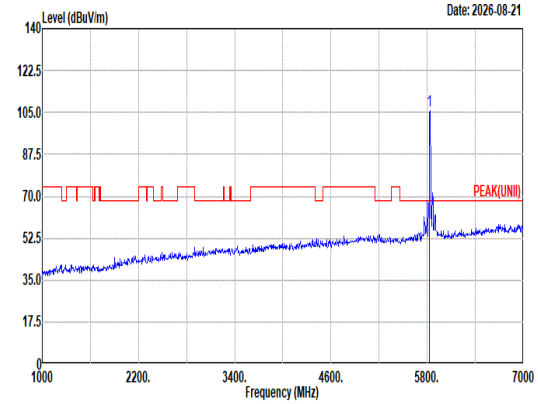
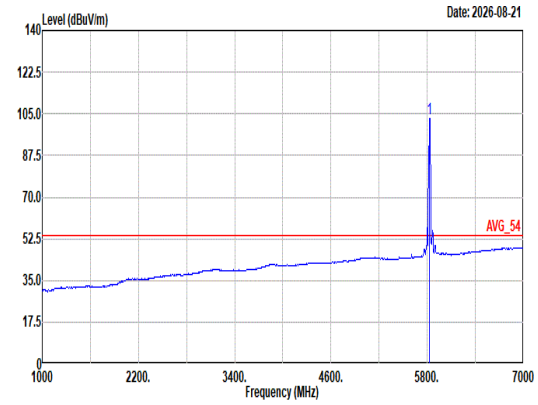
Mode	57	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU26/0_5745MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5649.74 54.87 68.20 -13.33 45.97 33.10 12.07 36.27 0.00 100 164 Peak 2 5651.77 57.44 69.51 -12.07 48.53 33.11 12.07 36.27 0.00 100 164 Peak 3 5703.68 83.41 106.23 -22.82 74.16 33.41 12.12 36.28 0.00 100 164 Peak 4 5720.35 66.18 111.60 -45.42 56.90 33.44 12.13 36.29 0.00 100 164 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 116.02 ------ ------ 106.69 33.47 12.15 36.29 0.00 100 164 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 108.86 ------ ------ 99.53 33.47 12.15 36.29 0.00 100 164 Average

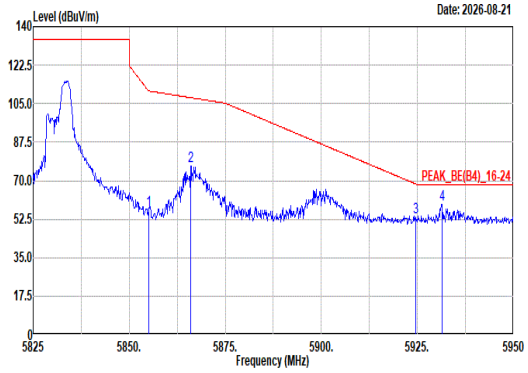
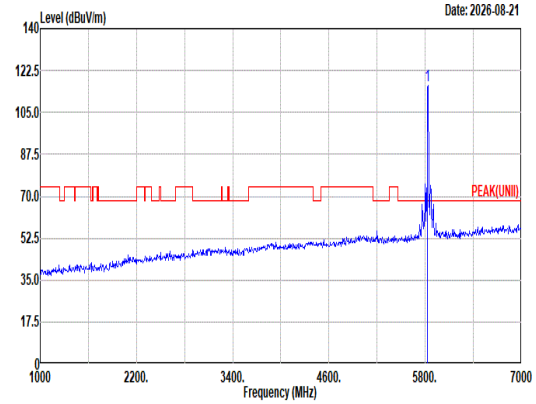
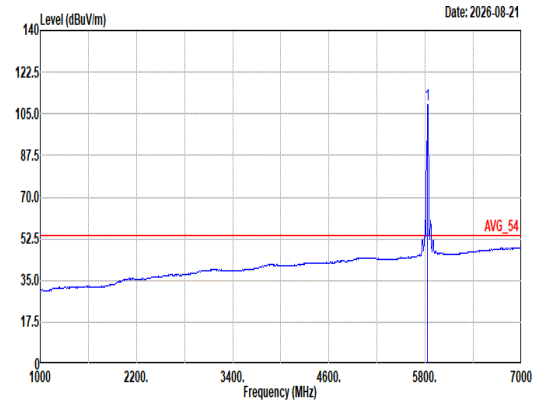
Mode	58	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU52/37_5745MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.00 56.24 68.20 -11.96 47.35 33.09 12.07 36.27 0.00 300 340 Peak 2 5650.32 55.66 68.43 -12.77 46.76 33.10 12.07 36.27 0.00 300 340 Peak 3 5706.14 78.18 106.92 -28.74 68.93 33.41 12.12 36.28 0.00 300 340 Peak 4 5720.06 63.05 110.94 -47.89 53.77 33.44 12.13 36.29 0.00 300 340 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 107.29 ------ ------ 97.95 33.48 12.15 36.29 0.00 300 340 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 101.20 ------ ------ 91.86 33.48 12.15 36.29 0.00 300 340 Average

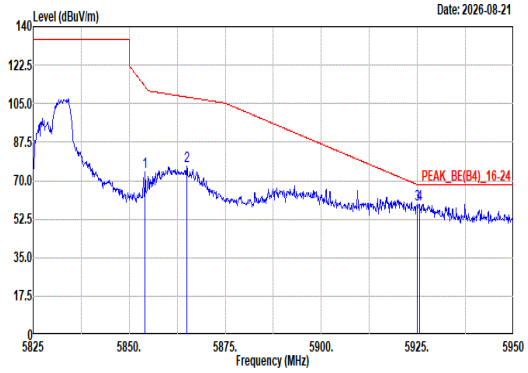
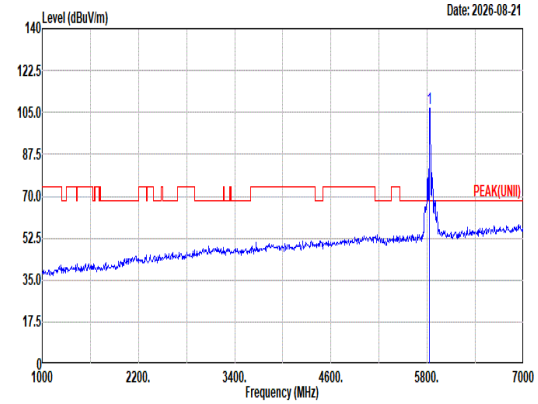
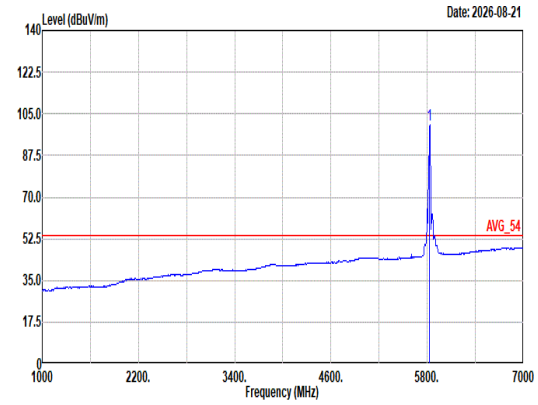
Mode	58	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU52/37_5745MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.58 59.85 68.20 -8.35 50.96 33.09 12.07 36.27 0.00 100 151 Peak 2 5651.04 59.54 68.97 -9.43 50.63 33.11 12.07 36.27 0.00 100 151 Peak 3 5707.01 86.87 107.17 -20.30 77.62 33.41 12.12 36.28 0.00 100 151 Peak 4 5720.06 71.83 110.94 -39.11 62.55 33.44 12.13 36.29 0.00 100 151 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 116.57 ------ ------ 107.23 33.48 12.15 36.29 0.00 100 151 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 106.86 ------ ------ 97.53 33.47 12.15 36.29 0.00 100 151 Average

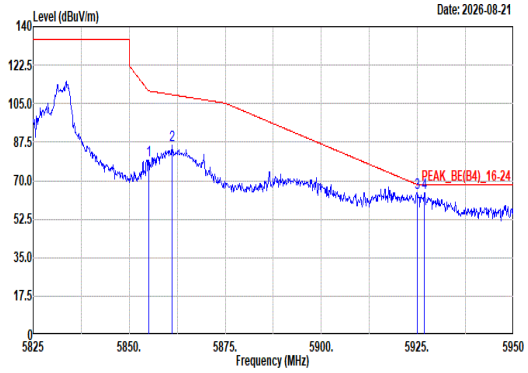
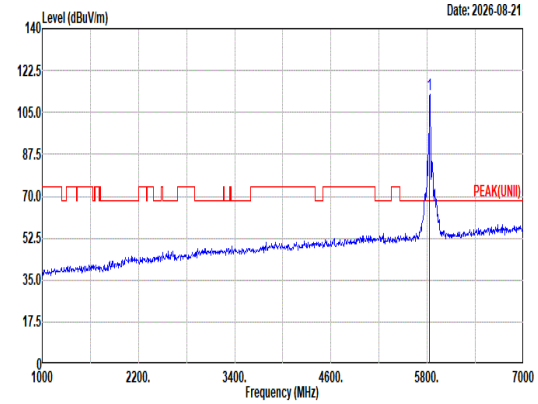
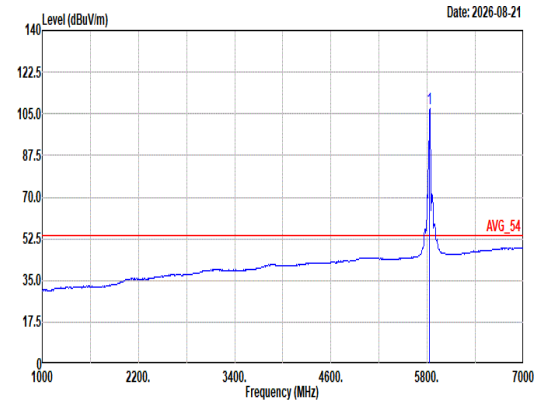
Mode	59	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU106/53_5745MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5634.37 54.35 68.20 -13.85 45.52 33.04 12.05 36.26 0.00 300 335 Peak 2 5650.46 52.87 68.54 -15.67 43.97 33.10 12.07 36.27 0.00 300 335 Peak 3 5714.55 78.24 109.28 -31.04 68.97 33.43 12.13 36.29 0.00 300 335 Peak 4 5720.06 75.03 110.94 -35.91 65.75 33.44 12.13 36.29 0.00 300 335 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 109.51 ------ ------ 100.17 33.48 12.15 36.29 0.00 300 335 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5745.00 100.20 ------ ------ 90.86 33.48 12.15 36.29 0.00 300 335 Average

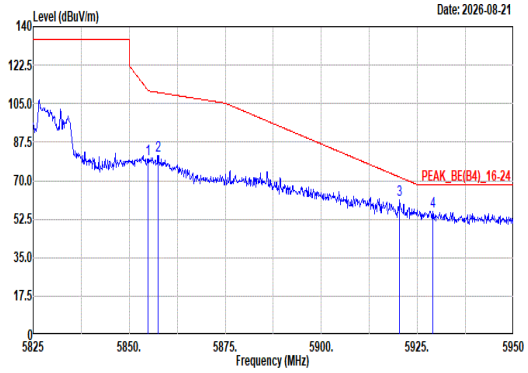
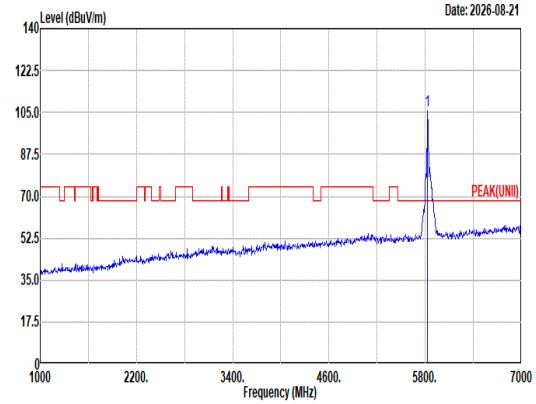
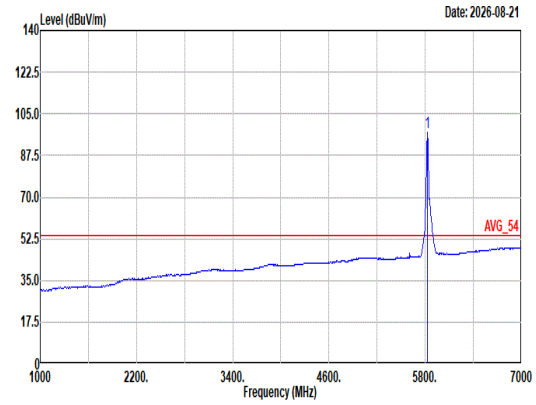
Mode	59	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH149_RU106/53_5745MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5644.08 54.57 68.20 -13.63 45.70 33.08 12.06 36.27 0.00 100 152 Peak 2 5651.33 54.90 69.19 -14.29 45.99 33.11 12.07 36.27 0.00 100 152 Peak 3 5716.44 83.46 109.80 -26.34 74.19 33.43 12.13 36.29 0.00 100 152 Peak 4 5720.06 79.71 110.94 -31.23 70.43 33.44 12.13 36.29 0.00 100 152 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5745.00 110.97 ------ ------ 101.63 33.48 12.15 36.29 0.00 100 152 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 103.84 ------ ------ 94.51 33.47 12.15 36.29 0.00 100 152 Average

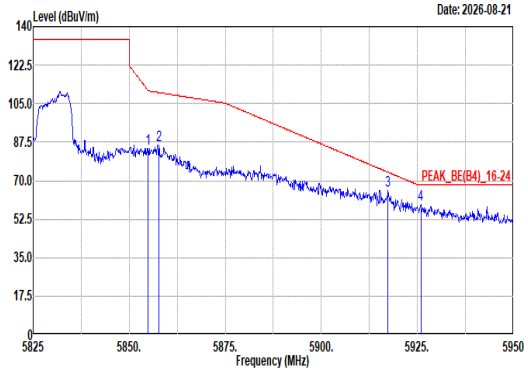
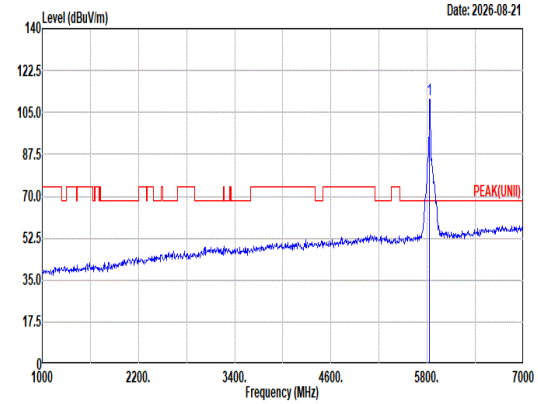
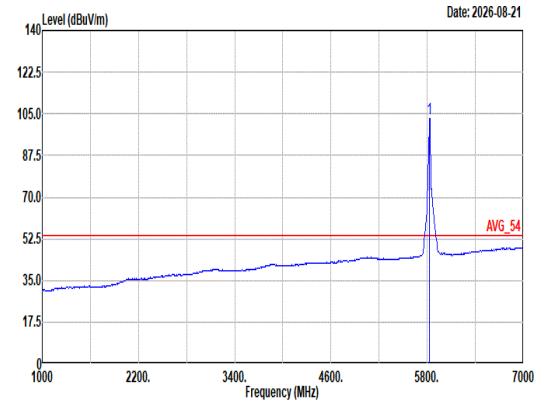
Mode	60	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_RU26/8_5825MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5850.25 68.36 121.63 -53.27 58.48 33.90 12.30 36.32 0.00 100 304 Peak 2 5865.88 71.66 107.75 -36.09 61.66 34.00 12.33 36.33 0.00 100 304 Peak 3 5924.25 53.77 68.75 -14.98 43.53 34.15 12.43 36.34 0.00 100 304 Peak 4 5930.38 56.20 68.20 -12.00 45.96 34.14 12.44 36.34 0.00 100 304 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 105.91 ------ ------ 96.09 33.87 12.27 36.32 0.00 100 304 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 103.05 ------ ------ 93.23 33.87 12.27 36.32 0.00 100 304 Average

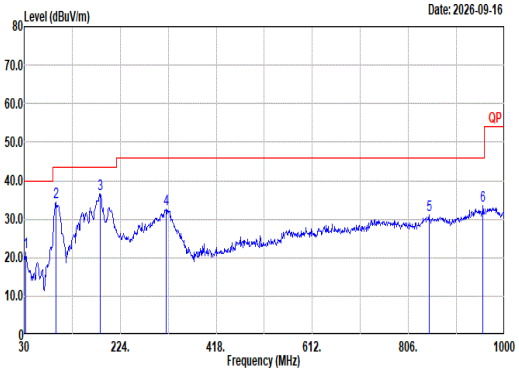
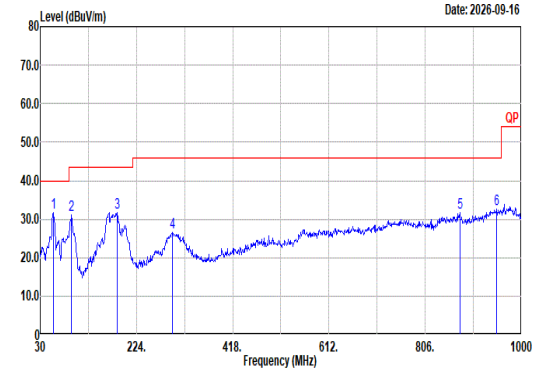
Mode	60	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_RU26/8_5825MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 56.52 110.80 -54.28 46.60 33.93 12.31 36.32 0.00 121 155 Peak 2 5866.00 76.72 107.72 -31.00 66.72 34.00 12.33 36.33 0.00 121 155 Peak 3 5924.50 53.57 68.57 -15.00 43.33 34.15 12.43 36.34 0.00 121 155 Peak 4 5931.50 59.29 68.20 -8.91 49.04 34.14 12.45 36.34 0.00 121 155 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 116.07 ------ ------ 106.25 33.87 12.27 36.32 0.00 121 155 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 109.09 ------ ------ 99.27 33.87 12.27 36.32 0.00 121 155 Average

Mode	61	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_RU52/40_5825MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 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 5854.13 74.20 112.79 -38.59 64.29 33.92 12.31 36.32 0.00 400 295 Peak 2 5865.00 76.75 108.00 -31.25 66.75 33.99 12.33 36.32 0.00 400 295 Peak 3 5925.00 59.13 68.20 -9.07 48.89 34.15 12.43 36.34 0.00 400 295 Peak 4 5925.50 59.34 68.20 -8.86 49.09 34.15 12.44 36.34 0.00 400 295 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 106.77 ------ ------ 96.95 33.87 12.27 36.32 0.00 400 295 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 100.20 ------ ------ 90.38 33.87 12.27 36.32 0.00 400 295 Average

Mode	61	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_RU52/40_5825MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 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 5855.00 79.09 110.80 -31.71 69.17 33.93 12.31 36.32 0.00 100 147 Peak 2 5861.13 85.95 109.08 -23.13 75.98 33.97 12.32 36.32 0.00 100 147 Peak 3 5924.88 64.58 68.29 -3.71 54.34 34.15 12.43 36.34 0.00 100 147 Peak 4 5926.88 64.46 68.20 -3.74 54.21 34.15 12.44 36.34 0.00 100 147 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 112.53 ------ ------ 102.71 33.87 12.27 36.32 0.00 100 147 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 107.23 ------ ------ 97.41 33.87 12.27 36.32 0.00 100 147 Average

Mode	62	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_RU106/54_5825MHz	
ANT	5+4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 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 79.87 111.08 -31.21 69.95 33.93 12.31 36.32 0.00 300 302 Peak 2 5857.50 81.33 110.10 -28.77 71.40 33.94 12.31 36.32 0.00 300 302 Peak 3 5920.38 61.05 71.61 -10.56 50.80 34.16 12.43 36.34 0.00 300 302 Peak 4 5929.00 56.22 68.20 -11.98 45.98 34.14 12.44 36.34 0.00 300 302 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 105.66 ------ ------ 95.86 33.86 12.26 36.32 0.00 300 302 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 97.21 ------ ------ 87.41 33.86 12.26 36.32 0.00 300 302 Average

Mode	62	
	Band Edge	
	U-NII-3_5.725-5.85_802.11be EHT20_CH165_RU106/54_5825MHz	
ANT	5+4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_260326 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 5854.88 84.46 111.08 -26.62 74.54 33.93 12.31 36.32 0.00 136 147 Peak 2 5857.75 86.15 110.03 -23.88 76.21 33.95 12.31 36.32 0.00 136 147 Peak 3 5917.38 65.45 73.82 -8.37 55.20 34.17 12.42 36.34 0.00 136 147 Peak 4 5925.88 58.96 68.20 -9.24 48.71 34.15 12.44 36.34 0.00 136 147 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_260326 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 5825.00 110.29 ------ ------ 100.47 33.87 12.27 36.32 0.00 136 147 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_260326 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 103.22 ------ ------ 93.40 33.87 12.27 36.32 0.00 136 147 Average

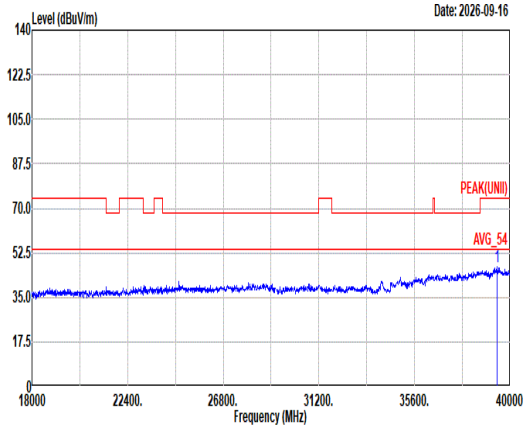
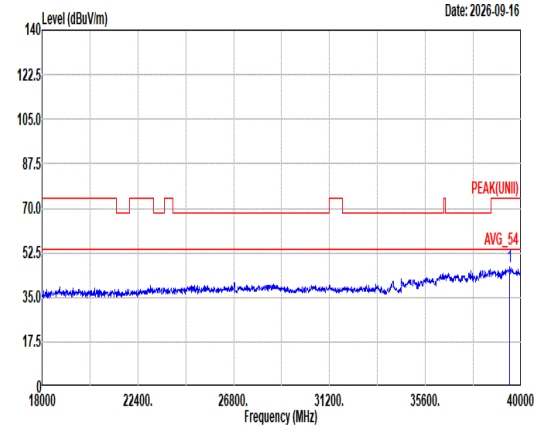
Mode	64	
	LF	
	U-NII-3_5.725-5.85_802.11be EHT80_CH155_Full RU_5775MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
QP/ Peak		

Site : 03CH16-HY
Condition: QP 3m 15Bilog_41912 & 05_260318 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	33.88	21.38	40.00	-18.62	30.15	22.62	0.97	32.37	0.01	--	--	Peak
2	94.02	34.45	43.50	-9.05	49.91	15.06	1.58	32.14	0.04	--	--	Peak
3	184.23	36.62	43.50	-6.88	51.64	14.93	2.22	32.20	0.03	--	--	Peak
4	317.12	32.64	46.00	-13.36	43.01	19.28	2.91	32.61	0.05	--	--	Peak
5	847.71	31.03	46.00	-14.97	29.45	29.04	4.84	32.46	0.16	--	--	Peak
6	956.35	33.38	46.00	-12.62	28.54	31.05	5.15	31.58	0.22	--	--	Peak

Site : 03CH16-HY
Condition: QP 3m 15Bilog_41912 & 05_260318 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	56.19	31.68	40.00	-8.32	50.77	11.94	1.20	32.24	0.01	--	--	Peak
2	93.05	30.99	43.50	-12.51	46.56	14.95	1.57	32.14	0.05	--	--	Peak
3	185.20	31.72	43.50	-11.78	46.77	14.90	2.23	32.21	0.03	--	--	Peak
4	296.75	26.71	46.00	-19.29	37.38	19.02	2.81	32.56	0.06	--	--	Peak
5	875.84	31.56	46.00	-14.44	29.78	29.02	4.93	32.33	0.16	--	--	Peak
6	950.53	32.58	46.00	-13.42	27.97	30.91	5.13	31.65	0.22	--	--	Peak

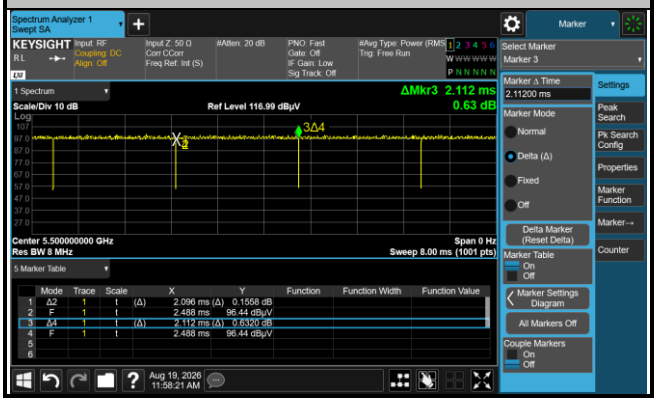
Mode	66	
	SHF	
	U-NII-3_5.725-5.85_802.11be EHT80_CH155_Full RU_5775MHz	
ANT	5+4	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 1m BBHA9170_1230_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 39395.00 47.28 74.00 -26.72 59.42 45.53 8.27 56.40 -9.54 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 1m BBHA9170_1230_251105 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 39461.00 46.87 74.00 -27.13 59.39 45.09 8.27 56.34 -9.54 -- -- Peak

Appendix D. Duty Cycle Plot

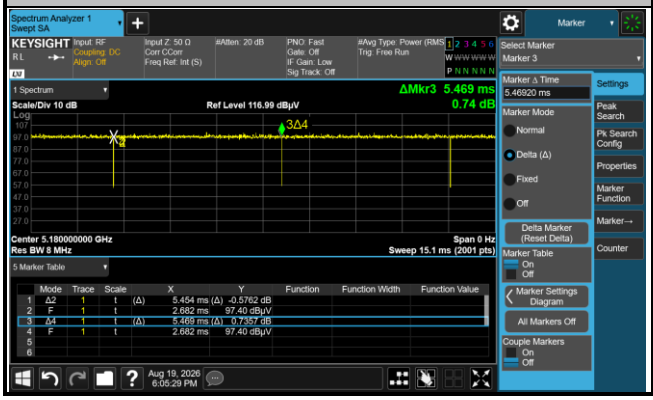
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
5+4	802.11a	99.24	-	-	10Hz
5+4	5GHz 802.11be EHT20 Full RU	99.73	-	-	10Hz
5+4	5GHz 802.11be EHT20 26 RU	99.55	-	-	10Hz
5+4	5GHz 802.11be EHT20 52 RU	99.55	-	-	10Hz
5+4	5GHz 802.11be EHT20 106 RU	99.35	-	-	10Hz
5+4	5GHz 802.11be EHT40 Full RU	99.60	-	-	10Hz
5+4	5GHz 802.11be EHT80 Full RU	99.63	-	-	10Hz
5+4	5GHz 802.11be EHT160 Full RU	99.60	-	-	10Hz

<Ant. 5+4>

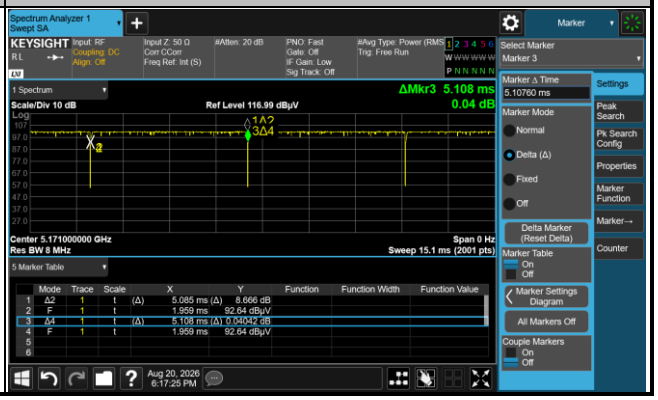
802.11a



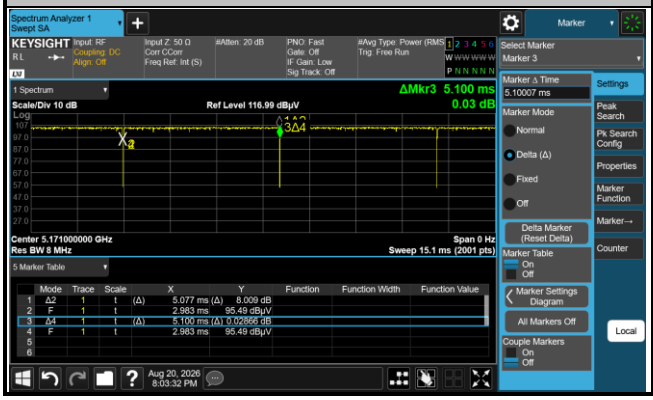
5GHz 802.11be EHT20 Full RU



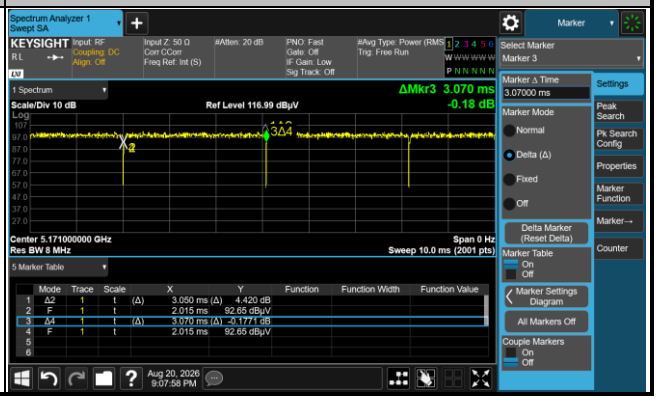
5GHz 802.11be EHT20 26 RU



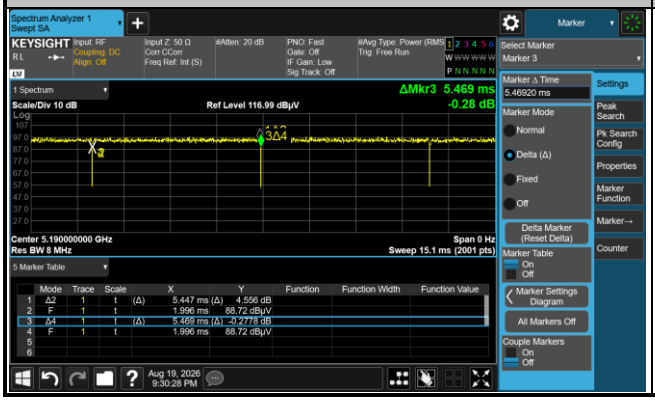
5GHz 802.11be EHT20 52 RU



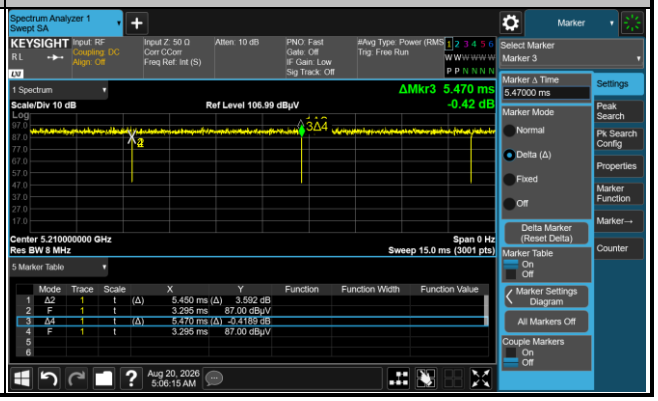
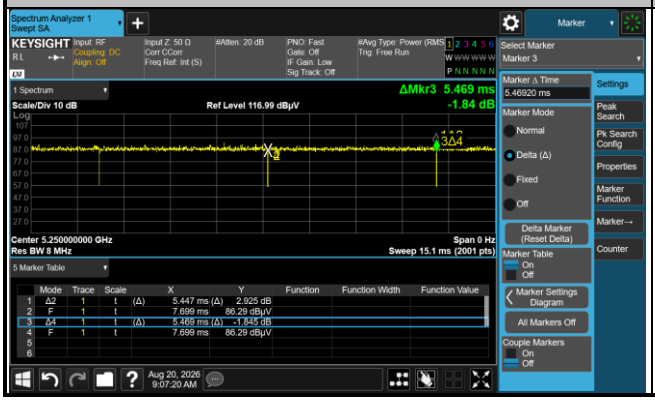
5GHz 802.11be EHT20 106 RU



5GHz 802.11be EHT40 Full RU



5GHz 802.11be EHT80 Full RU



5GHz 802.11be EHT160 Full RU