FCC RADIO TEST REPORT

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

The product was received on Oct. 29, 2025 and testing was performed from Nov. 10, 2025 to Jan. 22, 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 partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

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History of this test report

Report No.	Version	Description	Issue Date
FR5O2913-01H	01	Initial issue of report	Jan. 19, 2026
FR5O2913-01H	02	Revise Product Feature of Equipment Under Test , Fundamental Maximum EIRP Measurement ,List of Measuring Equipment,Measurement Uncertainty and appendix B This report is an updated version, replacing the report issued on Jan. 19, 2026.	Jan. 26, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.407(a)(10)	26dB Emission Bandwidth	Pass	See Note
-	2.1049	99% Occupied Bandwidth	Pass	See Note
3.1	15.407(a)(9)	Fundamental Maximum EIRP	Pass	
-	15.407(a)(9)	Fundamental Power Spectral Density	Pass	See Note
-	15.407(b)(6)	In-Band Emissions (Channel Mask)	Pass	See Note
-	15.407(d)(6)	Contention Based Protocol	Pass	See Note
-	15.407(d)(10)	Transmit Power Control (TPC)	Pass	See Note
3.2	15.407(b)	Unwanted Emissions	Pass	3.83 dB under the limit at 7255.68 MHz
-	15.207	AC Conducted Emission	Pass	See Note
3.3	15.203 15.407(a)	Antenna Requirement	Pass	-

Note：

1. For host device, the spot check Radiated Spurious Emission and complies with the limit in this test report.
2. For host device, the spot check Conducted Output Power is no difference after compared to module (Model: Panasonic WL24A)

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

Reviewed by: Keven Cheng

Report Producer: Vina Su

1 General Description

1.1 Product Feature of Equipment Under Test

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

Antenna information		
Aux Antenna (Chain A)	**Peak Gain**	U-NII-5 3.74 dBi U-NII-6 4.74 dBi U-NII-7 4.67 dBi U-NII-8 0.77 dBi
Main Antenna (Chain B)	**Peak Gain**	U-NII-5 3.34 dBi U-NII-6 3.44 dBi U-NII-7 3.82 dBi U-NII-8 3.79 dBi

Remark:

1. MIMO Main+ Aux Ant. Directional Gain is a calculated result from MIMO Main Ant. and MIMO Aux Ant..The formula used in calculation is documented in section 1.1.1.
2. Power of MIMO Main Ant. + Aux Ant. is a calculated result from sum of the power Main Ant. and MIMO Aux Ant..
3. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
4. The product was installed into Portable Computer (Brand Name: Panasonic, Model Name: FZ-56 during test
5. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.1.1 Antenna Directional Gain

<For CDD Mode>

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

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

For power measurements on IEEE 802.11 devices,

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

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

For PSD measurements, the directional gain calculation.

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

where

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

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

N_{ANT} = the total number of antennas

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

G_k is the gain in dBi of the kth antenna.

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

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

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

The directional gain “DG” is calculated as following table.

	Chain Port 0 Chain A (dBi)	Chain Port 1 Chain B (dBi)	DG for Power (dBi)	DG for PSD (dBi)
U-NII-5	3.74	3.34	3.74	6.55
U-NII-6	4.74	3.44	4.74	7.12
U-NII-7	4.67	3.82	4.67	7.27
U-NII-8	0.77	3.79	3.79	5.42

Calculation example:

If a device has two antenna, G_{ANT1}= 3.74dBi; G_{ANT2}=3.34dBi

Directional gain of power measurement = max(3.74, 3.34) + 0 = 3.74 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (3.74 dBi / 20) + 10^ (3.34 dBi / 20)] ^ 2 } / 2 }

= 6.55 dBi

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY 03CH21-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2020

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

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).

2.1 Carrier Frequency and Channel

BW 20M	**Channel**	1	5	9	13	17	21	25	29
	Freq. (MHz)	5955	5975	5995	6015	6035	6055	6075	6095
BW 40M	**Channel**	3		11		19		27	
	Freq. (MHz)	5965		6005		6045		6085	
BW 80M	**Channel**	7				23			
	Freq. (MHz)	5985				6065			
BW 160M	**Channel**	15							
	Freq. (MHz)	6025							
BW 320M	**Channel**	31							
	Freq. (MHz)	6105							

BW 20M	**Channel**	33	37	41	45	49	53	57	61
	Freq. (MHz)	6115	6135	6155	6175	6195	6215	6235	6255
BW 40M	**Channel**	35		43		51		59	
	Freq. (MHz)	6125		6165		6205		6245	
BW 80M	**Channel**	39				55			
	Freq. (MHz)	6145				6225			
BW 160M	**Channel**	47							
	Freq. (MHz)	6185							
BW 320M	**Channel**	63							
	Freq. (MHz)	6265							

BW 20M	Channel	65	69	73	77	81	85	89	93
	Freq. (MHz)	6275	6295	6315	6335	6355	6375	6395	6415
BW 40M	Channel	67		75		83		91	
	Freq. (MHz)	6285		6325		6365		6405	
BW 80M	Channel	71				87			
	Freq. (MHz)	6305				6385			
BW 160M	Channel	79							
	Freq. (MHz)	6345							
BW 320M	Channel	95							
	Freq. (MHz)	6425							

BW 20M	Channel	97	101	105	109	113	117	121	125
	Freq. (MHz)	6435	6455	6475	6495	6515	6535	6555	6575
BW 40M	Channel	99		107		115		123	
	Freq. (MHz)	6445		6485		6525		6565	
BW 80M	Channel	103				119			
	Freq. (MHz)	6465				6545			
BW 160M	Channel	111							
	Freq. (MHz)	6505							
BW 320M	Channel	127							
	Freq. (MHz)	6585							

BW 20M	Channel	129	133	137	141	145	149	153	157
	Freq. (MHz)	6595	6615	6635	6655	6675	6695	6715	6735
BW 40M	Channel	131		139		147		155	
	Freq. (MHz)	6605		6645		6685		6725	
BW 80M	Channel	135				151			
	Freq. (MHz)	6625				6705			
BW 160M	Channel	143							
	Freq. (MHz)	6665							
BW 320M	Channel	159							
	Freq. (MHz)	6745							

BW 20M	Channel	161	165	169	173	177	181	185	189
	Freq. (MHz)	6755	6775	6795	6815	6835	6855	6875	6895
BW 40M	Channel	163		171		179		187	
	Freq. (MHz)	6765		6805		6845		6885	
BW 80M	Channel	167				183			
	Freq. (MHz)	6785				6865			
BW 160M	Channel	175							
	Freq. (MHz)	6825							
BW 320M	Channel	191							
	Freq. (MHz)	6905							

BW 20M	Channel	193	197	201	205	209	213	217	221
	Freq. (MHz)	6915	6935	6955	6975	6995	7015	7035	7055
BW 40M	Channel	195		203		211		219	
	Freq. (MHz)	6925		6965		7005		7045	
BW 80M	Channel	199				215			
	Freq. (MHz)	6945				7025			
BW 160M	Channel	207							
	Freq. (MHz)	6985							

BW 20M	Channel	225	229
	Freq. (MHz)	7075	7095
BW 40M	Channel	227	
	Freq. (MHz)	7085	

BW 20M	Channel	233
	Freq. (MHz)	7115

2.2 Test Mode

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

MIMO Mode

Modulation	Data Rate
802.11ax HE20(Covered by EHT20)	MCS0
802.11ax HE40(Covered by EHT40)	MCS0
802.11ax HE80(Covered by EHT80)	MCS0
802.11ax HE160(Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0
802.11be EHT320	MCS0

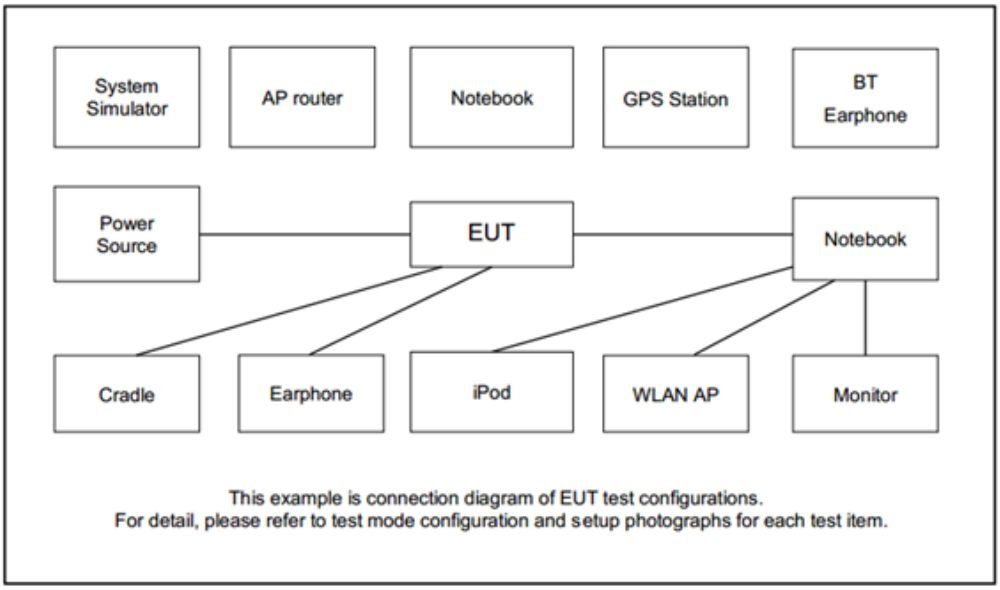
SISO Mode

Modulation	Data Rate
802.11ax HE20(Covered by EHT20)	MCS0
802.11ax HE40(Covered by EHT40)	MCS0
802.11ax HE80(Covered by EHT80)	MCS0
802.11ax HE160(Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0
802.11be EHT320	MCS0

Remark:

1. The detailed Radiated test modes are shown in Appendix B.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

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

2.5 EUT Operation Test Setup

The RF test items, utility "DRTU Version:DRTU 0.8662.23.150.0" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

For EIRP output power:

The EIRP output power result is derived from RF conducted power plus directional antenna gain.

EIRP = RF conducted power + directional antenna gain.

Following shows an offset computation example with conducted power 20.2 dBm and directional antenna gain 3dBi.

EIRP(dBm) = RF conducted power(dBm) + directional antenna gain(dBi).

= 20.2 + 3 = 23.2 (dBm)

3 Test Result

3.1 Fundamental Maximum EIRP Measurement

3.1.1 Measuring Instruments

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

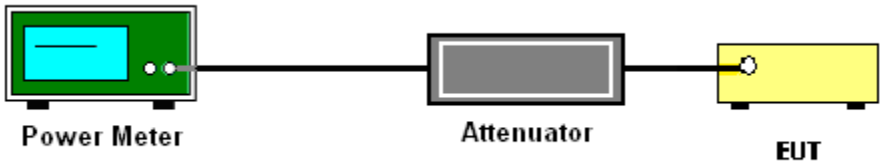
3.1.2 Test Procedures

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

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

3.1.3 Test Setup



3.1.4 Test Result of Fundamental Maximum EIRP

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

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

3.2.1 Limit of Unwanted Emissions

(1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.3
- 7 (Peak)	88.3

According 987594 D02 U-NII 6GHz EMC Measurement v03 section G:
Unwanted emissions outside of restricted bands are measured with a RMS detector.
In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

(2) Unwanted spurious emissions fallen 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)

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

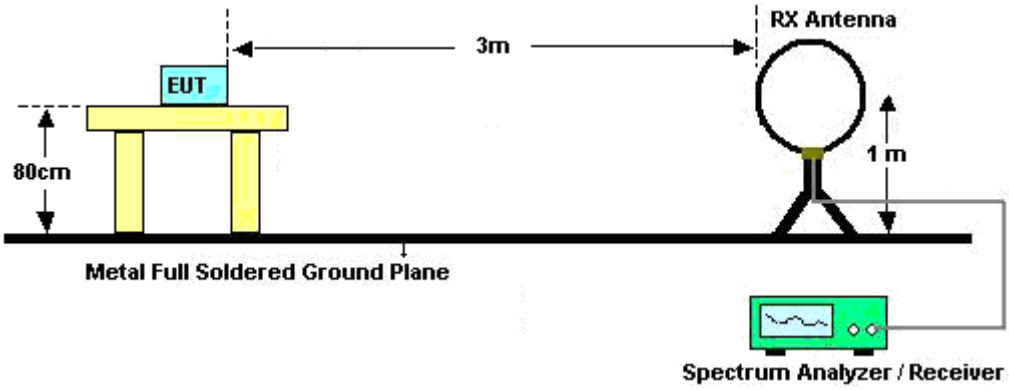
   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.

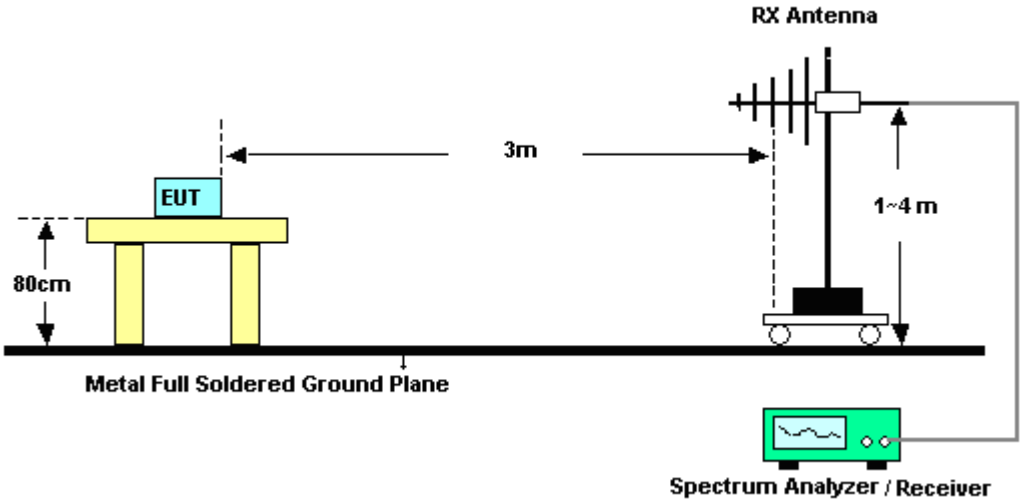
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with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

3.2.4 Test Setup

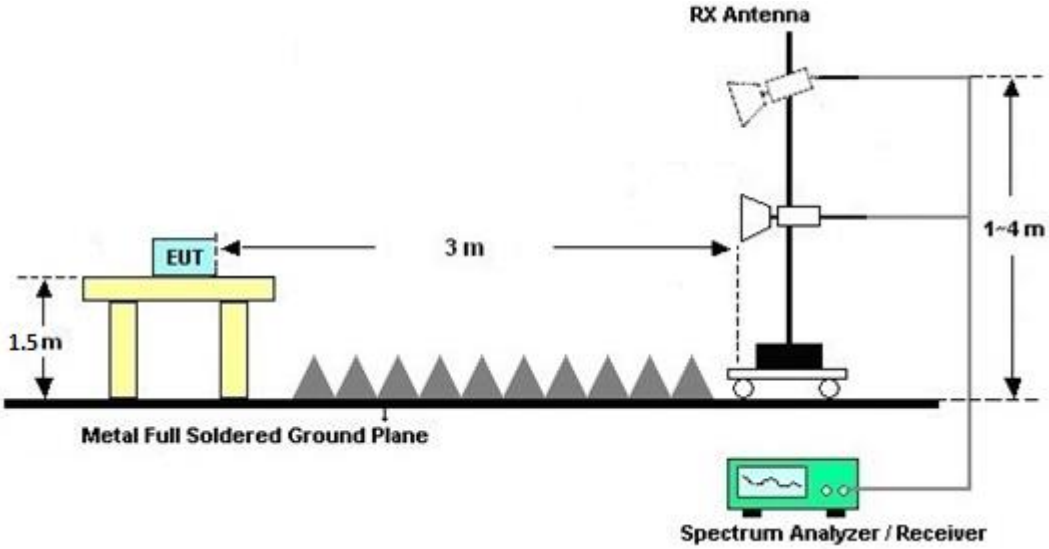
For radiated emissions below 30MHz



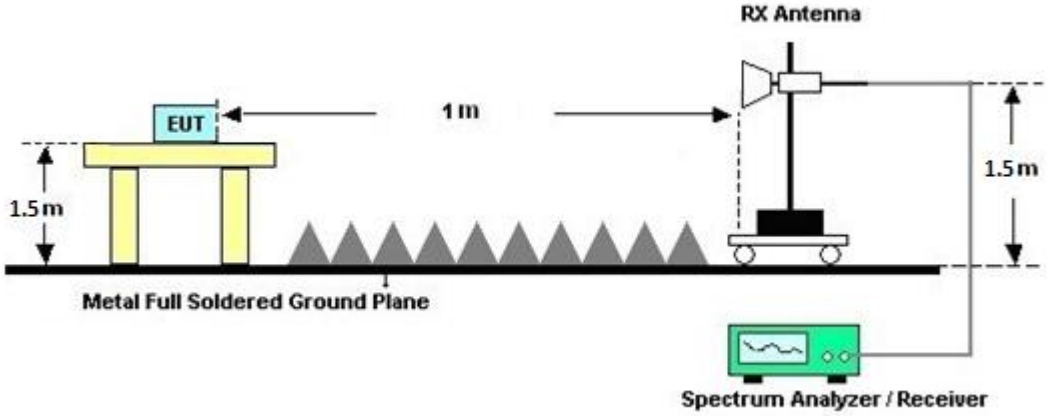
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.2.6 Duty Cycle

Please refer to Appendix C.

3.3 Antenna Requirements

3.3.1 Standard Applicable

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

3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP224371	N/A	Jun. 16, 2025	Nov. 10, 2025 Nov. 12, 2025	Jun. 15, 2026	Conducted (TH05-HY)
USB Power Sensor	DARE	RPR3008W	RPR8W-23010013 (NO:100)	10MHz~8GHz	Jul. 18, 2025	Nov. 10, 2025 Nov. 12, 2025	Jul. 17, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 23, 2024	Nov. 10, 2025 Nov. 12, 2025	Aug. 22, 2025	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	Nov. 10, 2025 Nov. 12, 2025	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Nov. 10, 2025 Nov. 12, 2025	N/A	Conducted (TH05-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	101108	9 kHz~30 MHz	Dec. 18, 2024	Nov. 12, 2025 ~ Jan. 16, 2025	Dec. 17, 2025	Radiation (03CH21-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	101108	9 kHz~30 MHz	Dec. 11, 2025	Dec. 17, 2025 ~ Jan. 22, 2026	Dec. 10, 2026	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Dec. 17, 2024	Nov. 12, 2025 ~ Jan. 15, 2025	Dec. 16, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Nov. 26, 2025	Nov. 26, 2025 ~ Jan. 22, 2026	Nov. 25, 2026	Radiation (03CH21-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 27, 2025	Nov. 12, 2025 ~ Jan. 22, 2026	Mar. 26, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Nov. 12, 2025 ~ Jan. 22, 2026	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 13, 2025	Nov. 12, 2025 ~ Jan. 22, 2026	Jul. 12, 2026	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	Nov. 12, 2025 ~ Jan. 22, 2026	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Nov. 12, 2025 ~ Jan. 22, 2026	Aug. 25, 2026	Radiation (03CH21-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Nov. 22, 2024	Nov. 12, 2025 ~ Nov. 20, 2025	Nov. 21, 2025	Radiation (03CH21-HY)
EMI Test Receiver	Keysight	N9038B	MY62210111	20Hz~8.4GHz	Aug. 29, 2025	Nov. 21, 2025 ~ Jan. 22, 2026	Aug. 28, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 05, 2025	Nov. 12, 2025 ~ Jan. 22, 2026	Mar. 04, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804612/2,803954/2	30MHz~40GHz	Aug. 11, 2025	Nov. 12, 2025 ~ Jan. 22, 2026	Aug. 10, 2026	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Nov. 12, 2025 ~ Jan. 22, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 12, 2025 ~ Jan. 22, 2026	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Nov. 12, 2025 ~ Jan. 22, 2026	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Nov. 12, 2025 ~ Jan. 22, 2026	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Nov. 12, 2025 ~ Jan. 22, 2026	N/A	Radiation (03CH21-HY)

5 Measurement Uncertainty

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

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

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

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

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2025/11/10~2025/11/12	Relative Humidity:	51~54	%

Report Number : FR5O2913-01H

TEST RESULTS DATA
EIRP Power Table

U-NII-5 single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B			Chain A	Chain B
EHT20	MCS0	1	001	5955	Full	5.50	5.10		3.74	3.34	9.24	8.44	24.00	Pass	5.5	5
EHT20	MCS0	1	045	6175	Full	5.50	5.40		3.74	3.34	9.24	8.74	24.00	Pass	5.5	5.5
EHT20	MCS0	1	093	6415	Full	5.40	5.40		3.74	3.34	9.14	8.74	24.00	Pass	5.5	6.5
EHT40	MCS0	1	003	5965	Full	8.50	8.50		3.74	3.34	12.24	11.84	24.00	Pass	8.5	8.5
EHT40	MCS0	1	043	6165	Full	8.50	8.40		3.74	3.34	12.24	11.74	24.00	Pass	8.5	8.5
EHT40	MCS0	1	091	6405	Full	8.30	8.50		3.74	3.34	12.04	11.84	24.00	Pass	8.5	9.5
EHT80	MCS0	1	007	5985	Full	11.20	11.20		3.74	3.34	14.94	14.54	24.00	Pass	11.5	11.5
EHT80	MCS0	1	039	6145	Full	11.10	11.50		3.74	3.34	14.84	14.84	24.00	Pass	11.5	12
EHT80	MCS0	1	087	6385	Full	11.50	11.20		3.74	3.34	15.24	14.54	24.00	Pass	12	11.5
EHT160	MCS0	1	015	6025	Full	14.10	14.10		3.74	3.34	17.84	17.44	24.00	Pass	14.5	14.5
EHT160	MCS0	1	079	6345	Full	14.10	14.40		3.74	3.34	17.84	17.74	24.00	Pass	14.5	15
EHT320	MCS0	1	031	6105	Full	16.40	16.30		3.74	3.34	20.14	19.64	24.00	Pass	16.5	16.5

U-NII-5 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	SUM			Chain A	Chain B
EHT20	MCS0	2	001	5955	Full	2.50	2.40	5.46	3.74		9.20	24.00	Pass	2.5	
EHT20	MCS0	2	045	6175	Full	2.30	2.20	5.26	3.74		9.00	24.00	Pass	2.5	
EHT20	MCS0	2	093	6415	Full	2.40	1.60	5.03	3.74		8.77	24.00	Pass	2.5	
EHT40	MCS0	2	003	5965	Full	5.30	5.30	8.31	3.74		12.05	24.00	Pass	5.5	
EHT40	MCS0	2	043	6165	Full	5.30	5.20	8.26	3.74		12.00	24.00	Pass	5.5	
EHT40	MCS0	2	091	6405	Full	5.50	4.90	8.22	3.74		11.96	24.00	Pass	6	
EHT80	MCS0	2	007	5985	Full	8.30	8.20	11.26	3.74		15.00	24.00	Pass	8.5	
EHT80	MCS0	2	039	6145	Full	8.20	8.10	11.16	3.74		14.90	24.00	Pass	8.5	
EHT80	MCS0	2	087	6385	Full	8.50	8.30	11.41	3.74		15.15	24.00	Pass	9	
EHT160	MCS0	2	015	6025	Full	11.50	11.40	14.46	3.74		18.20	24.00	Pass	12	
EHT160	MCS0	2	079	6345	Full	11.50	11.30	14.41	3.74		18.15	24.00	Pass	12	
EHT320	MCS0	2	031	6105	Full	13.20	13.10	16.16	3.74		19.90	24.00	Pass	13.5	

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TEST RESULTS DATA
EIRP Power Table

U-NII-6 single antenna

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B			Chain A	Chain B
EHT20	MCS0	1	097	6435	Full	5.30	5.40		4.74	3.44	10.04	8.84	24.00	Pass	5.5	6
EHT20	MCS0	1	105	6475	Full	5.30	5.20		4.74	3.44	10.04	8.64	24.00	Pass	5.5	6
EHT20	MCS0	1	113	6515	Full	5.50	5.30		4.74	3.44	10.24	8.74	24.00	Pass	5.5	5.5
EHT40	MCS0	1	099	6445	Full	8.10	8.30		4.74	3.44	12.84	11.74	24.00	Pass	8.5	9
EHT40	MCS0	1	107	6485	Full	8.40	8.50		4.74	3.44	13.14	11.94	24.00	Pass	8.5	9.5
EHT80	MCS0	1	103	6465	Full	11.20	11.30		4.74	3.44	15.94	14.74	24.00	Pass	11.5	12.5

U-NII-6 MIMO

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	SUM			Chain A	Chain B
EHT20	MCS0	2	097	6435	Full	2.20	1.90	5.06	4.74		9.80	24.00	Pass	2.5	
EHT20	MCS0	2	105	6475	Full	2.40	1.80	5.12	4.74		9.86	24.00	Pass	2.5	
EHT20	MCS0	2	113	6515	Full	2.50	2.20	5.36	4.74		10.10	24.00	Pass	2.5	
EHT40	MCS0	2	099	6445	Full	5.50	5.20	8.36	4.74		13.10	24.00	Pass	6	
EHT40	MCS0	2	107	6485	Full	5.50	5.00	8.27	4.74		13.01	24.00	Pass	6	
EHT80	MCS0	2	103	6465	Full	8.20	7.80	11.01	4.74		15.75	24.00	Pass	9	

U-NII-6 straddle channel single antenna

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B			Chain A	Chain B
EHT40	MCS0	1	115	6525	Full	8.40	8.20		4.74	3.44	13.14	11.64	24.00	Pass	8.5	8.5
EHT80	MCS0	1	119	6545	Full	11.40	11.10		4.74	3.44	16.14	14.54	24.00	Pass	12	12
EHT160	MCS0	1	111	6505	Full	14.50	14.10		4.74	3.44	19.24	17.54	24.00	Pass	15	15
EHT320	MCS0	1	095	6425	Full	16.30	16.50		4.74	3.44	21.04	19.94	24.00	Pass	16.5	17
EHT320	MCS0	1	127	6585	Full	16.40	16.50		4.74	3.44	21.14	19.94	24.00	Pass	16.5	17

U-NII-6 straddle channel MIMO

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	SUM			Chain A	Chain B
EHT40	MCS0	2	115	6525	Full	5.30	5.10	8.21	4.74		12.95	24.00	Pass	5.5	
EHT80	MCS0	2	119	6545	Full	8.50	8.20	11.36	4.74		16.10	24.00	Pass	9	
EHT160	MCS0	2	111	6505	Full	11.40	11.00	14.21	4.74		18.95	24.00	Pass	12	
EHT320	MCS0	2	095	6425	Full	13.50	13.40	16.46	4.74		21.20	24.00	Pass	14	
EHT320	MCS0	2	127	6585	Full	13.20	12.80	16.01	4.74		20.75	24.00	Pass	13.5	

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TEST RESULTS DATA
EIRP Power Table

U-NII-7 single antenna

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B			Chain A	Chain B
EHT20	MCS0	1	117	6535	Full	5.40	5.40		4.67	3.82	10.07	9.22	24.00	Pass	5.5	5
EHT20	MCS0	1	149	6695	Full	5.30	5.40		4.67	3.82	9.97	9.22	24.00	Pass	5	5.5
EHT20	MCS0	1	181	6855	Full	5.40	5.20		4.67	3.82	10.07	9.02	24.00	Pass	5	5
EHT40	MCS0	1	147	6685	Full	8.40	8.40		4.67	3.82	13.07	12.22	24.00	Pass	8	8.5
EHT40	MCS0	1	179	6845	Full	8.50	8.30		4.67	3.82	13.17	12.12	24.00	Pass	8.5	8
EHT80	MCS0	1	135	6625	Full	11.40	11.50		4.67	3.82	16.07	15.32	24.00	Pass	12	12
EHT80	MCS0	1	167	6785	Full	11.50	11.50		4.67	3.82	16.17	15.32	24.00	Pass	11.5	11.5
EHT160	MCS0	1	143	6665	Full	14.50	14.10		4.67	3.82	19.17	17.92	24.00	Pass	14.5	14.5

U-NII-7 MIMO

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	SUM			Chain A	Chain B
EHT20	MCS0	2	117	6535	Full	2.30	2.30	5.31	4.67		9.98	24.00	Pass	2.5	
EHT20	MCS0	2	149	6695	Full	2.50	2.20	5.36	4.67		10.03	24.00	Pass	2.5	
EHT20	MCS0	2	181	6855	Full	2.50	2.40	5.46	4.67		10.13	24.00	Pass	2.5	
EHT40	MCS0	2	147	6685	Full	5.50	5.20	8.36	4.67		13.03	24.00	Pass	5.5	
EHT40	MCS0	2	179	6845	Full	5.50	5.40	8.46	4.67		13.13	24.00	Pass	5.5	
EHT80	MCS0	2	135	6625	Full	8.50	8.30	11.41	4.67		16.08	24.00	Pass	8.5	
EHT80	MCS0	2	167	6785	Full	8.50	8.40	11.46	4.67		16.13	24.00	Pass	8.5	
EHT160	MCS0	2	143	6665	Full	11.50	11.10	14.31	4.67		18.98	24.00	Pass	11.5	

U-NII-7 straddle channel single antenna

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B			Chain A	Chain B
EHT20	MCS0	1	185	6875	Full	5.50	5.40		4.67	3.82	10.17	9.22	24.00	Pass	5	5
EHT40	MCS0	1	187	6885	Full	8.50	8.30		4.67	3.82	13.17	12.12	24.00	Pass	8.5	8
EHT80	MCS0	1	183	6865	Full	11.50	11.50		4.67	3.82	16.17	15.32	24.00	Pass	12	12

U-NII-7 straddle channel MIMO

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	SUM			Chain A	Chain B
EHT20	MCS0	2	185	6875	Full	2.30	2.30	5.31	4.67		9.98	24.00	Pass	2.5	
EHT40	MCS0	2	187	6885	Full	5.50	5.40	8.46	4.67		13.13	24.00	Pass	5.5	
EHT80	MCS0	2	183	6865	Full	8.20	8.30	11.26	4.67		15.93	24.00	Pass	8.5	

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TEST RESULTS DATA
EIRP Power Table

U-NII-8 single antenna

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B			Chain A	Chain B
EHT20	MCS0	1	209	6995	Full	5.40	5.50		0.77	3.79	6.17	9.29	24.00	Pass	5	5.5
EHT20	MCS0	1	229	7095	Full	5.20	5.50		0.77	3.79	5.97	9.29	24.00	Pass	5	5.5
EHT20	MCS0	1	233	7115	Full	-2.70	-2.60		0.77	3.79	-1.93	1.19	24.00	Pass	-2.5	-2.5
EHT40	MCS0	1	227	7085	Full	8.10	8.40		0.77	3.79	8.87	12.19	24.00	Pass	9	8.5
EHT80	MCS0	1	199	6945	Full	11.50	11.50		0.77	3.79	12.27	15.29	24.00	Pass	12	12
EHT80	MCS0	1	215	7025	Full	11.30	11.50		0.77	3.79	12.07	15.29	24.00	Pass	12	12
EHT160	MCS0	1	207	6985	Full	14.50	14.50		0.77	3.79	15.27	18.29	24.00	Pass	15	15

U-NII-8 MIMO

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	SUM			Chain A	Chain B
EHT20	MCS0	2	209	6995	Full	2.30	2.50	5.41	3.79		9.20	24.00	Pass	2.5	
EHT20	MCS0	2	229	7095	Full	2.00	2.40	5.21	3.79		9.00	24.00	Pass	2.5	
EHT20	MCS0	2	233	7115	Full	-5.80	-5.60	-2.69	3.79		1.10	24.00	Pass	-5	
EHT40	MCS0	2	227	7085	Full	4.90	5.30	8.11	3.79		11.90	24.00	Pass	5.5	
EHT80	MCS0	2	199	6945	Full	8.10	8.20	11.16	3.79		14.95	24.00	Pass	8.5	
EHT80	MCS0	2	215	7025	Full	8.20	8.50	11.36	3.79		15.15	24.00	Pass	9	
EHT160	MCS0	2	207	6985	Full	11.30	11.20	14.26	3.79		18.05	24.00	Pass	12	

U-NII-8 straddle channel single antenna

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B			Chain A	Chain B
EHT320	MCS0	1	159	6745	Full	16.40	16.50		0.77	3.79	17.17	20.29	24.00	Pass	16	16.5
EHT320	MCS0	1	191	6905	Full	13.50	13.90		0.77	3.79	14.27	17.69	24.00	Pass	13.5	14

U-NII-8 straddle channel MIMO

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Chain A	Chain B	SUM	Chain A	Chain B	SUM			Chain A	Chain B
EHT320	MCS0	2	159	6745	Full	13.50	13.30	16.41	3.79		20.20	24.00	Pass	13.5	
EHT320	MCS0	2	191	6905	Full	11.90	11.80	14.86	3.79		18.65	24.00	Pass	12	

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jack Cheng, Ray Lung,Sky Chang	**Temperature :**	21.1 ~ 25.7°C
		Relative Humidity :	55.8 ~ 63.2%

Note symbol

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

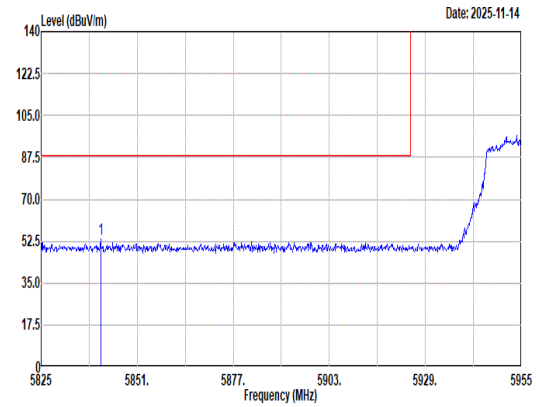
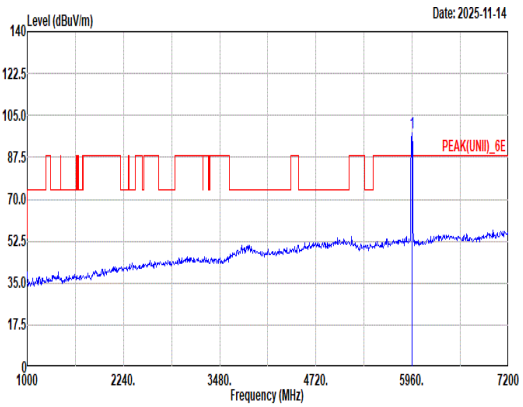
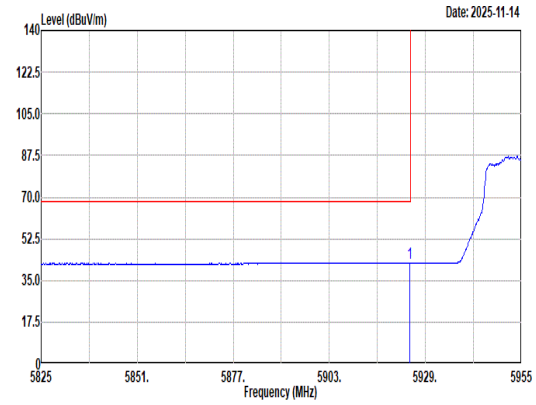
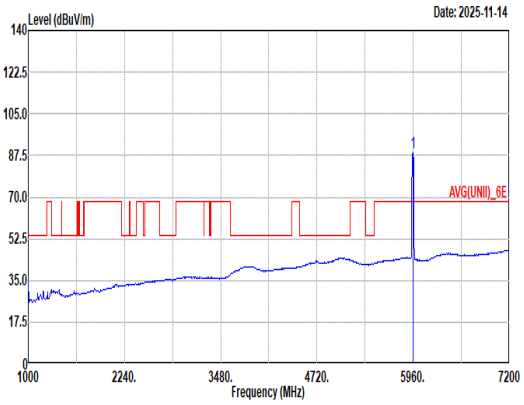
C1.Radiated Spurious Emission Test Modes

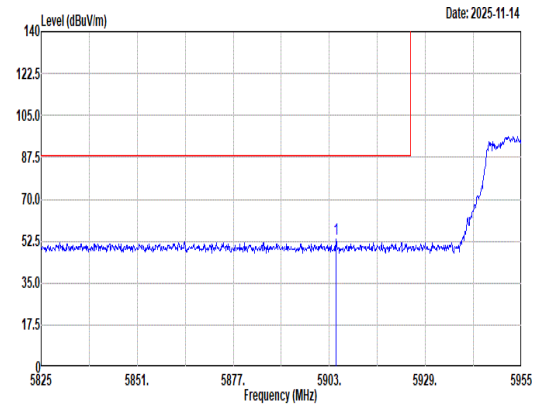
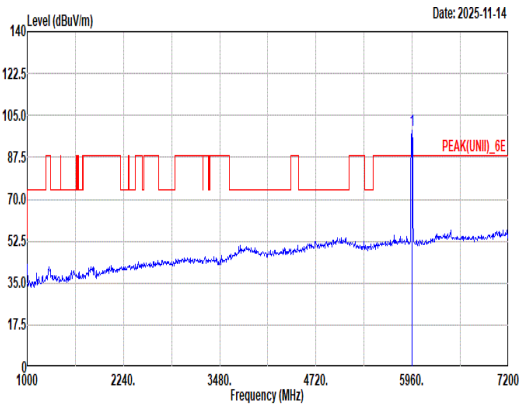
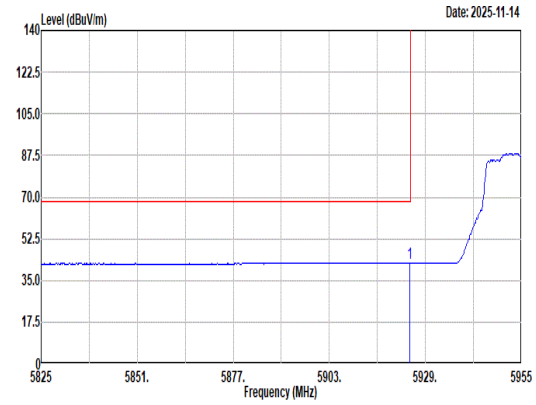
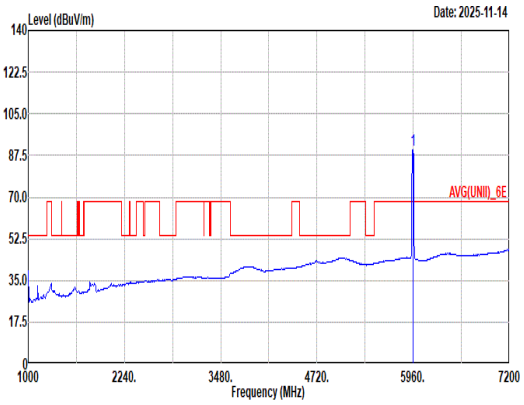
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 26	U-NII-5	5.925-6.425	Chain B+A	802.11be EHT20	1	5955	MCS0	-	-
Mode 27	U-NII-5	5.925-6.425	Chain B+A	802.11be EHT320	31	6105	MCS0	-	-
Mode 28	U-NII-6	6.425-6.525	Chain B+A	802.11be EHT160	111	6505	MCS0	-	-
Mode 29	U-NII-7	6.525-6.875	Chain B+A	802.11be EHT320	159	6745	MCS0	-	-
Mode 30	U-NII-8	6.875-7.125	Chain B+A	802.11be EHT20	233	7115	MCS0	-	-
Mode 31	U-NII-8	6.875-7.125	Chain B+A	802.11be EHT320	191	6905	MCS0	-	-
Mode 32	U-NII-8	6.875-7.125	Chain B+A	802.11be EHT320	191	6905	MCS0	-	LF
Mode 33	U-NII-8	6.875-7.125	Chain B+A	802.11be EHT320	191	6905	MCS0	-	SHF

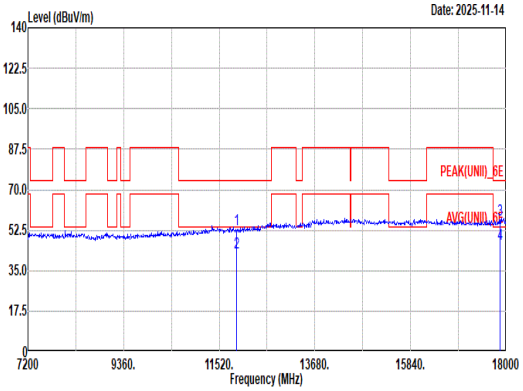
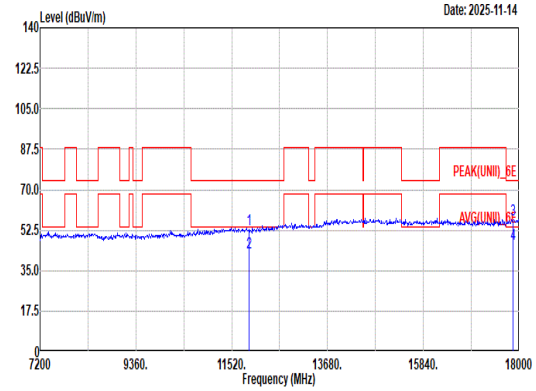
C2.Summary of each worse mode

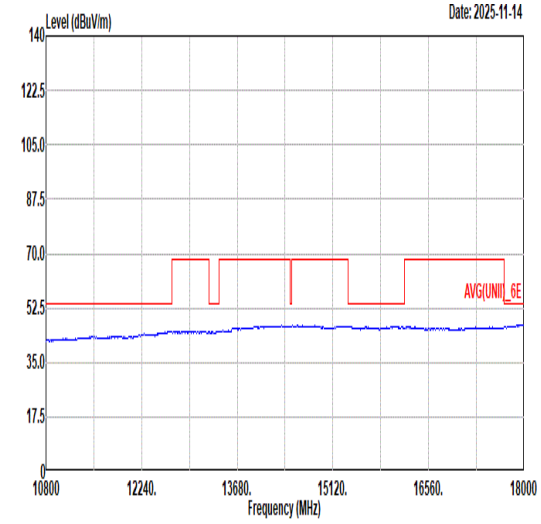
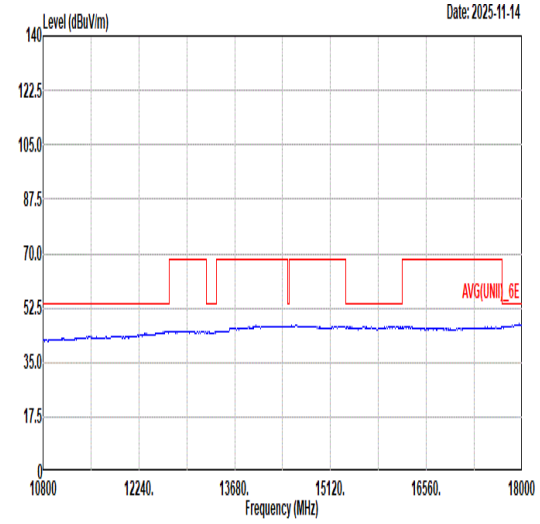
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
26	802.11be EHT20	1	5924.71	42.24	68.20	-25.96	V	Avg.	Pass	-	Band Edge
	802.11be EHT20	1	17865.00	46.46	54.00	-7.54	V	Avg.	Pass	-	Harmonic
27	802.11be EHT320	31	5924.68	50.93	68.20	-17.27	V	Avg.	Pass	-	Band Edge
	802.11be EHT320	31	-	-	-	-	-	-	-	-	Harmonic
28	802.11be EHT160	111	5844.72	42.37	68.20	-25.83	H	Avg.	Pass	-	Band Edge
	802.11be EHT160	111	13010.00	55.33	88.20	-32.87	H	Peak	Pass	-	Harmonic
29	802.11be EHT320	159	7129.00	52.46	68.20	-15.74	V	Avg.	Pass	-	Band Edge
	802.11be EHT320	159	13490.00	56.55	88.20	-31.65	V	Peak	Pass	-	Harmonic
30	802.11be EHT20	233	7125.01	61.27	68.20	-6.93	V	Avg.	Pass	-	Band Edge
	802.11be EHT20	233	14230.00	56.48	88.20	-31.72	H	Peak	Pass	-	Harmonic
31	802.11be EHT320	191	7255.68	50.17	54.00	-3.83	V	Avg.	Pass	-	Band Edge

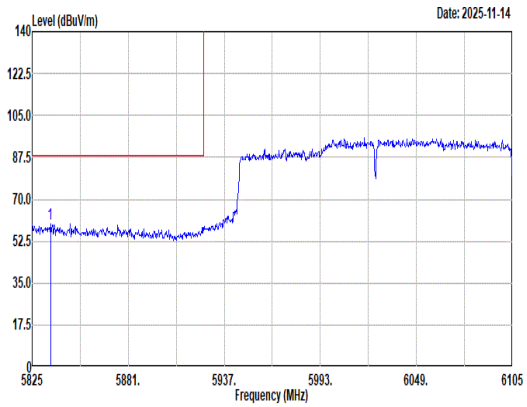
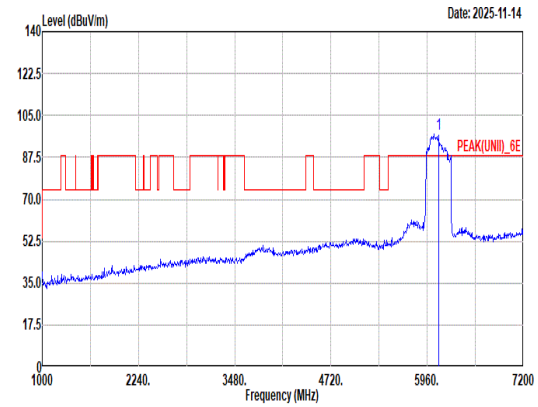
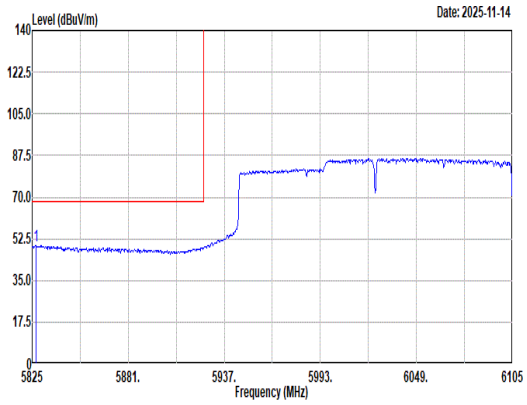
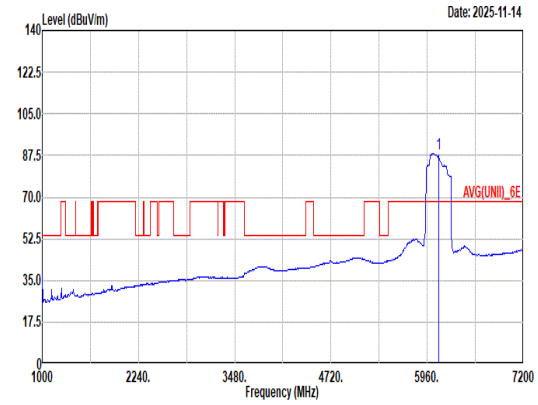
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
31	802.11be EHT320	191	-	-	-	-	-	-	-	-	Harmonic
32	LF	191	959.26	33.27	46.00	-12.73	H	Peak	Pass	-	LF
33	SHF	191	38800.71	40.21	54.00	-13.79	H	Avg.	Pass	-	SHF

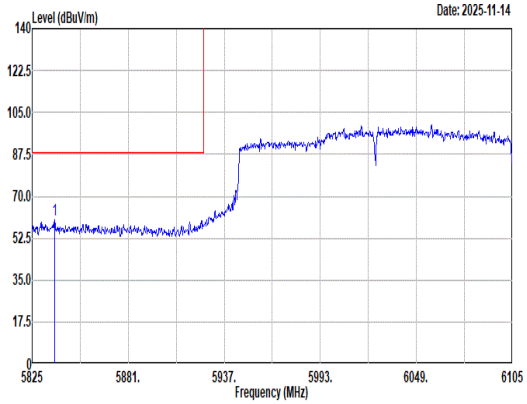
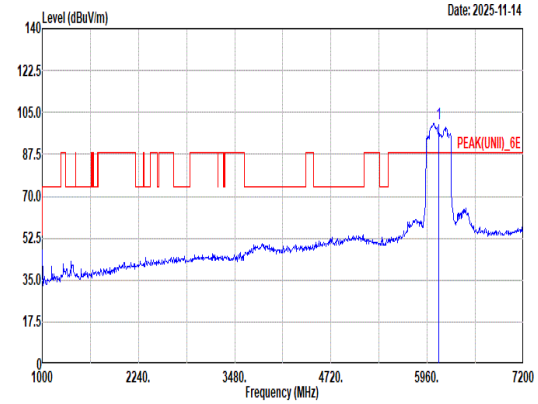
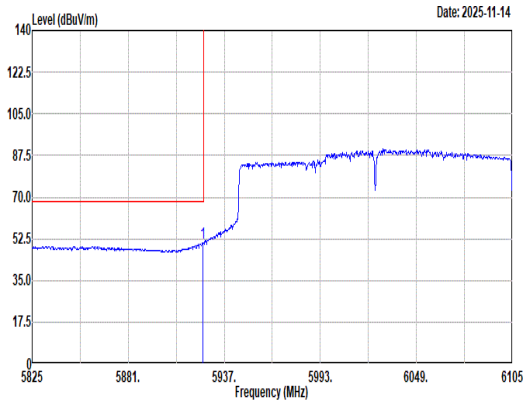
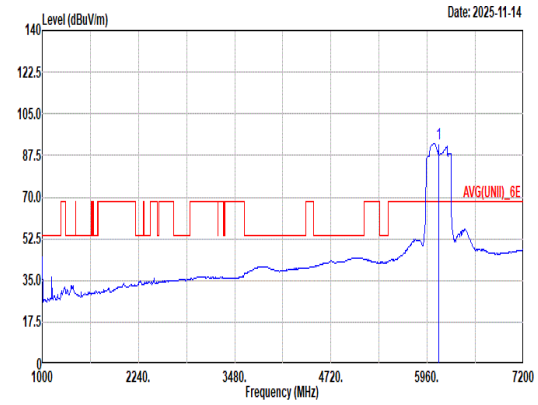
Mode	26	
	Band Edge	
	U-NII-5_5.925-6.425_802.11be EHT20_CH1_5955MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5841.12 53.50 88.20 -34.70 39.00 33.72 14.88 35.20 1.10 225 285 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5955.00 97.59 ------ ------ 83.33 33.60 15.05 35.33 0.94 225 285 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5924.71 42.14 68.20 -26.06 27.80 33.65 15.01 35.30 0.98 225 285 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5955.00 88.83 ------ ------ 74.58 33.60 15.06 35.34 0.93 225 285 Average

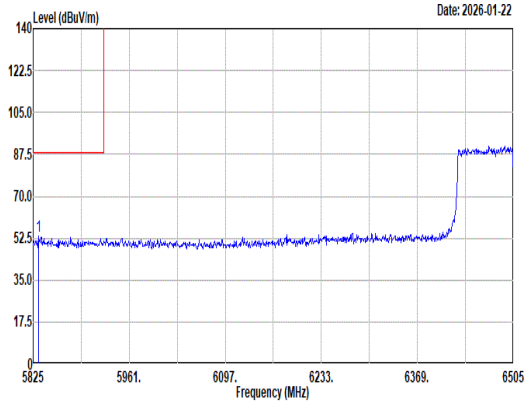
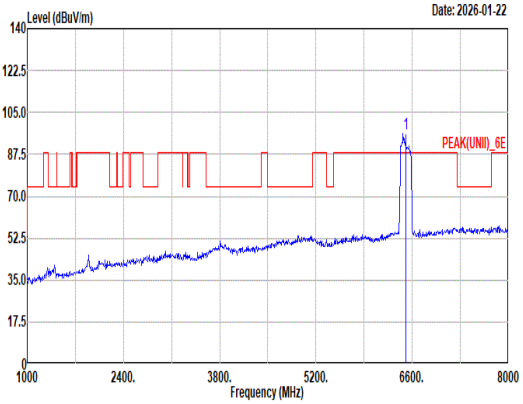
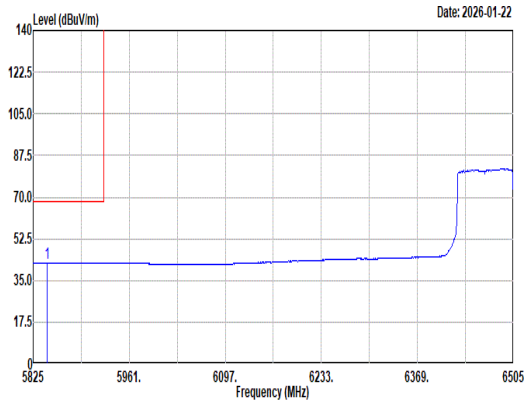
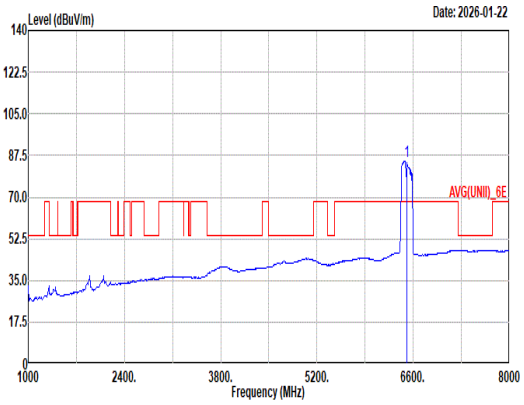
Mode	26	
	Band Edge	
	U-NII-5_5.925-6.425_802.11be EHT20_CH1_5955MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5904.82 53.47 88.20 -34.73 39.06 33.69 14.98 35.27 1.01 100 119 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5955.00 98.86 ------ ------ 84.61 33.60 15.06 35.34 0.93 100 119 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5924.71 42.24 68.20 -25.96 27.90 33.65 15.01 35.30 0.98 100 119 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5955.00 90.04 ------ ------ 75.78 33.60 15.05 35.33 0.94 100 119 Average

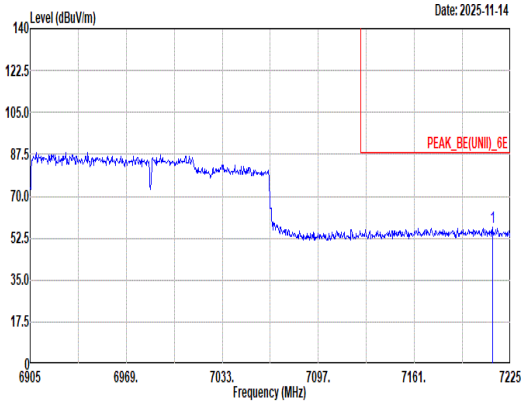
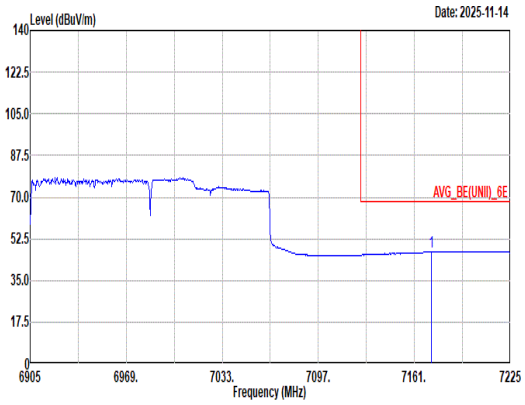
Mode	26	
	Harmonic	
	U-NII-5_5.925-6.425_802.11be EHT20_CH1_5955MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11910.00 52.70 74.00 -21.30 32.00 38.50 21.42 41.27 2.05 -- -- Peak 2 11910.00 42.87 54.00 -11.13 22.17 38.50 21.42 41.27 2.05 -- -- Average 3 17865.00 56.83 74.00 -17.17 35.02 40.19 26.60 47.50 2.52 -- -- Peak 4 17865.00 46.43 54.00 -7.57 24.62 40.19 26.60 47.50 2.52 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11910.00 52.93 74.00 -21.07 32.23 38.50 21.42 41.27 2.05 -- -- Peak 2 11910.00 42.88 54.00 -11.12 22.18 38.50 21.42 41.27 2.05 -- -- Average 3 17865.00 57.07 74.00 -16.93 35.26 40.19 26.60 47.50 2.52 -- -- Peak 4 17865.00 46.46 54.00 -7.54 24.65 40.19 26.60 47.50 2.52 -- -- Average

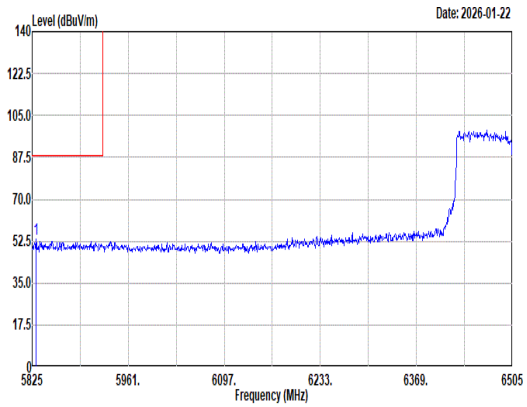
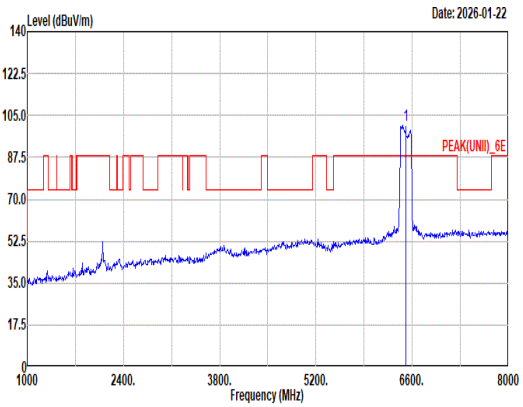
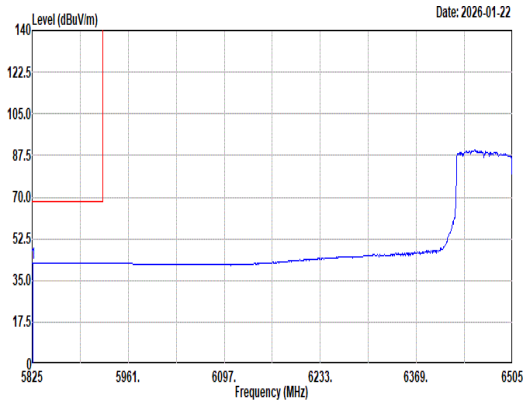
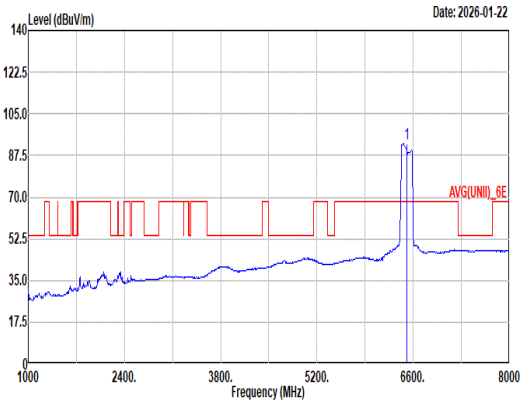
Mode	26	
	Harmonic	
	U-NII-5_5.925-6.425_802.11be EHT20_CH1_5955MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
10.8G ~18G Avg		

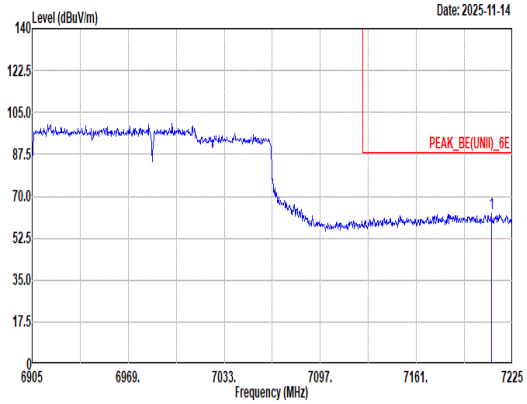
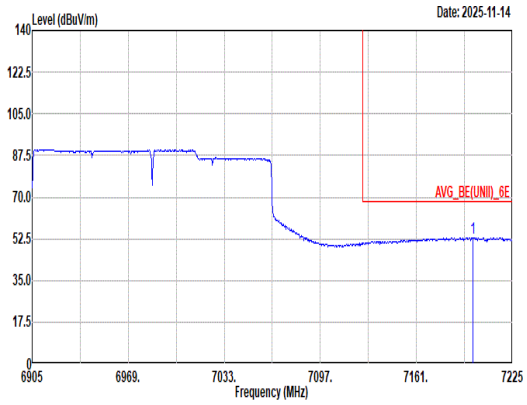
Mode	27	
	Band Edge	
	U-NII-5_5.925-6.425_802.11be EHT320_CH31_6105MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5835.64 59.91 88.20 -28.29 45.39 33.73 14.87 35.19 1.11 226 253 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6105.00 97.00 ------ ------ 82.53 33.79 15.17 35.41 0.92 226 253 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5827.24 49.61 68.20 -18.59 35.06 33.75 14.86 35.18 1.12 226 253 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6105.00 88.30 ------ ------ 73.87 33.76 15.16 35.40 0.91 226 253 Average

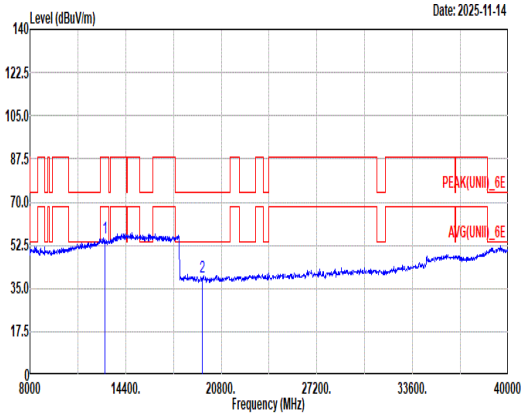
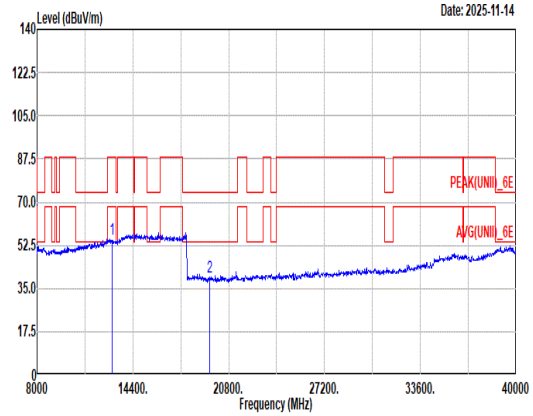
Mode	27	
	Band Edge	
	U-NII-5_5.925-6.425_802.11be EHT320_CH31_6105MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5838.16 60.02 88.20 -28.18 45.51 33.72 14.88 35.19 1.10 300 100 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6105.00 100.47 ------ ------ 85.96 33.81 15.18 35.41 0.93 300 100 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5924.68 50.93 68.20 -17.27 36.59 33.65 15.01 35.30 0.98 300 100 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6105.00 92.56 ------ ------ 78.09 33.79 15.17 35.41 0.92 300 100 Average

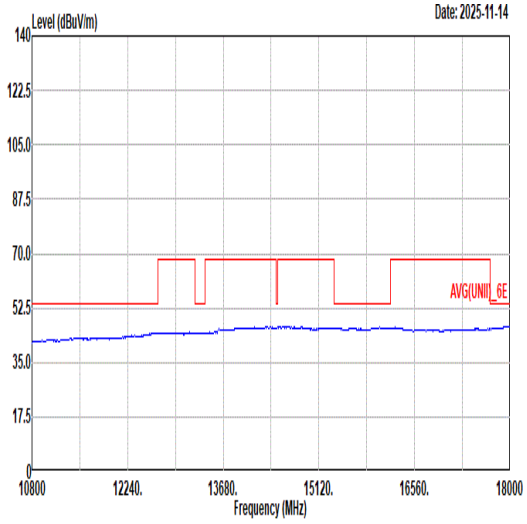
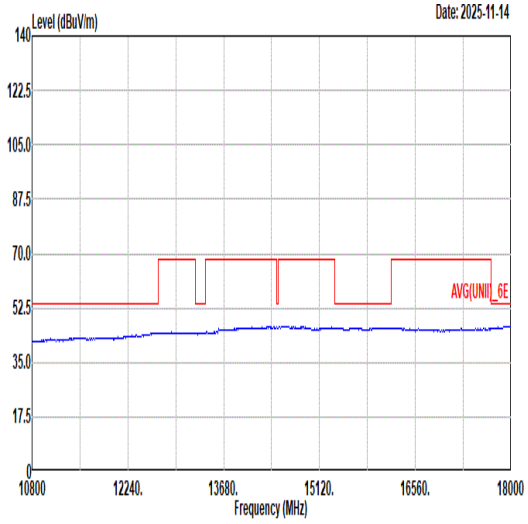
Mode	28	
	Band Edge - L	
	U-NII-6_6.425-6.525_802.11be EHT160_CH111_6505MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 28 Setting : 12 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5832.48 53.51 88.20 -34.69 38.98 33.74 14.87 35.19 1.11 200 233 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 28 Setting : 12 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6505.00 96.09 ------ ------ 79.26 35.70 15.67 35.55 1.01 200 233 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 28 Setting : 12 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5844.72 42.37 68.20 -25.83 27.87 33.71 14.89 35.20 1.10 200 233 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 28 Setting : 12 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6505.00 85.19 ------ ------ 68.35 35.70 15.68 35.55 1.01 200 233 Average

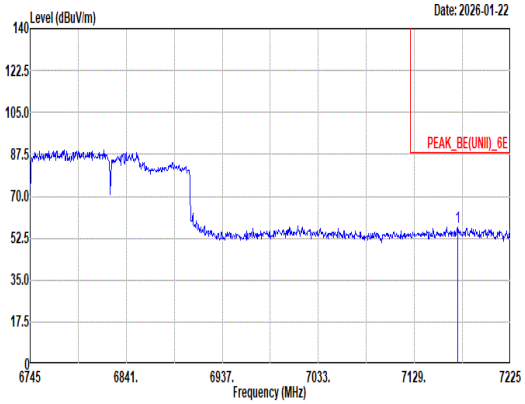
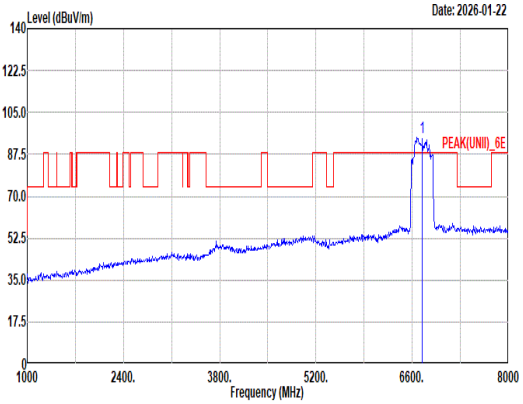
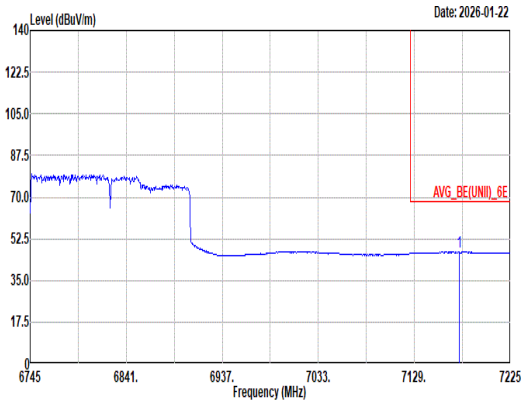
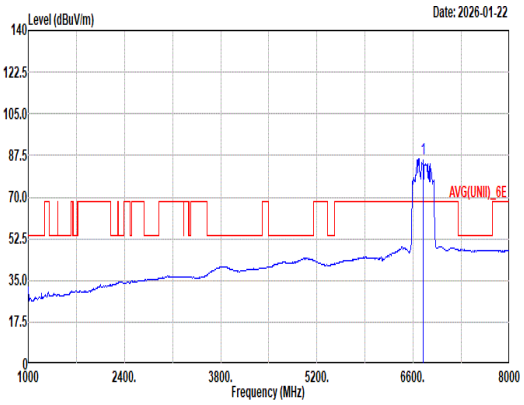
Mode	28	
	Band Edge - R	
	U-NII-6_6.425-6.525_802.11be EHT160_CH111_6505MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7213.16 56.81 88.20 -31.39 39.06 36.40 16.61 36.35 1.09 101 145 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7172.52 47.09 68.20 -21.11 29.42 36.35 16.56 36.34 1.10 101 145 Average	Blank

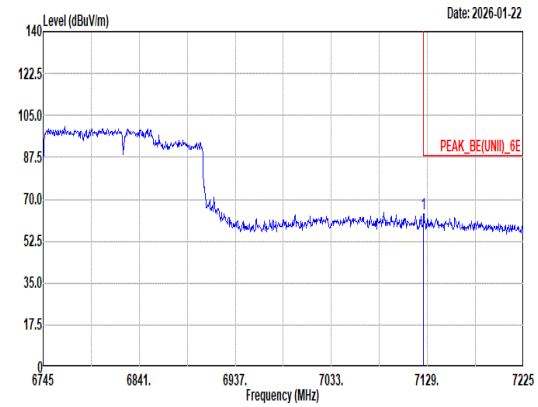
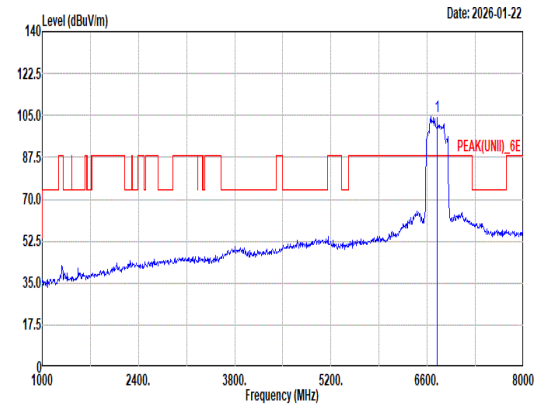
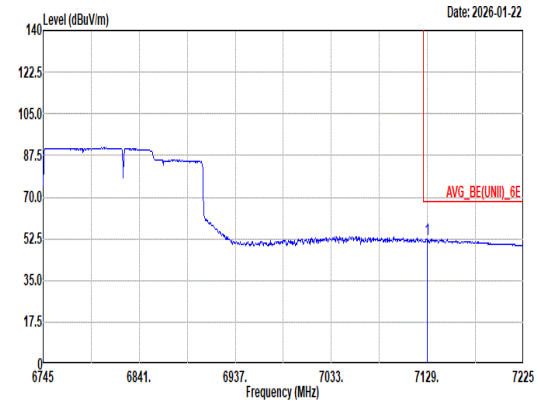
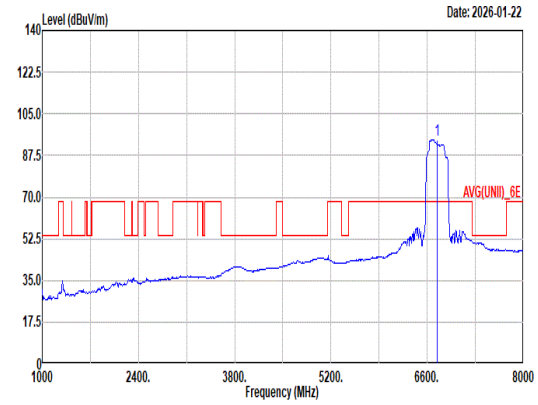
Mode	28	
	Band Edge - L	
	U-NII-6_6.425-6.525_802.11be EHT160_CH111_6505MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 28 Setting : 12 1 5830.44 53.55 88.20 -34.65 39.00 33.74 14.87 35.18 1.12 100 71 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 28 Setting : 12 1 6505.00 100.82 ------ ------ 84.00 35.70 15.66 35.55 1.01 100 71 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 28 Setting : 12 1 5825.68 42.36 68.20 -25.84 27.81 33.75 14.86 35.18 1.12 100 71 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 28 Setting : 12 1 6505.00 92.60 ------ ------ 75.77 35.70 15.66 35.54 1.01 100 71 Average

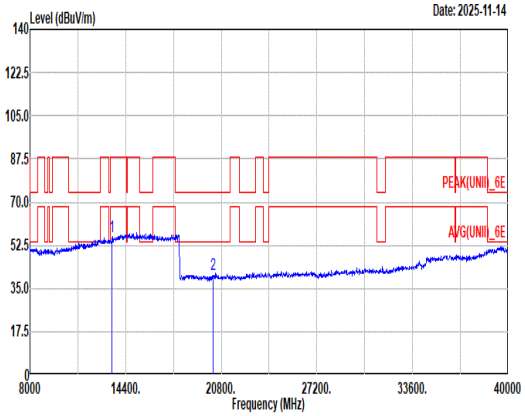
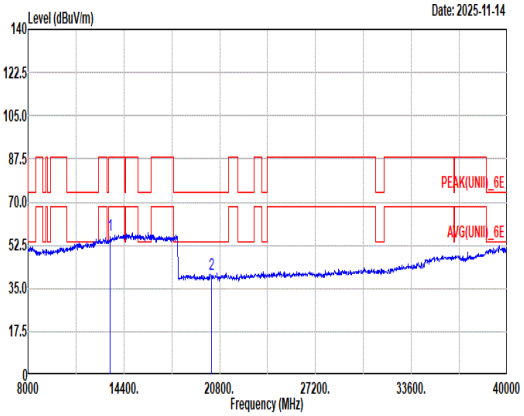
Mode	28	
	Band Edge - R	
	U-NII-6_6.425-6.525_802.11be EHT160_CH111_6505MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7210.92 62.83 88.20 -25.37 45.08 36.40 16.60 36.35 1.10 200 125 Peak	Blank
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7198.44 53.05 68.20 -15.15 35.29 36.40 16.59 36.34 1.11 200 125 Average	Blank

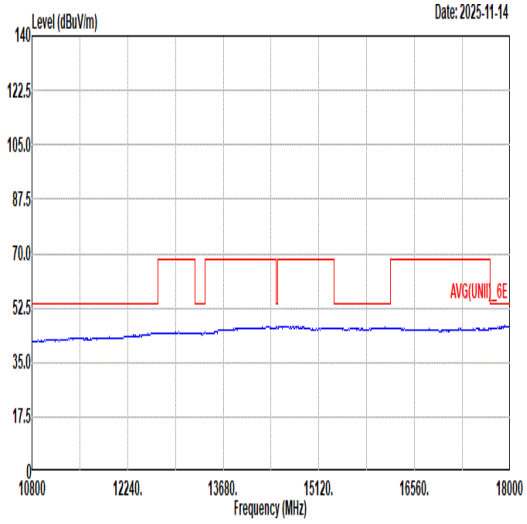
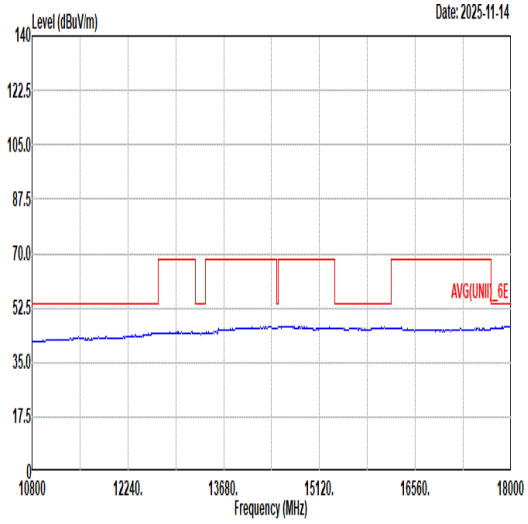
Mode	28	
	Harmonic	
	U-NII-6_6.425-6.525_802.11be EHT160_CH111_6505MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Mode : 25 Setting : 12 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 13010.00 55.33 88.20 -32.87 32.71 40.08 22.42 41.65 1.77 -- -- Peak 2 19515.00 39.80 74.00 -34.20 48.71 37.93 25.79 63.09 -9.54 -- -- Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL Mode : 25 Setting : 12 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 13010.00 54.77 88.20 -33.43 32.15 40.08 22.42 41.65 1.77 -- -- Peak 2 19515.00 39.73 74.00 -34.27 48.64 37.93 25.79 63.09 -9.54 -- -- Peak

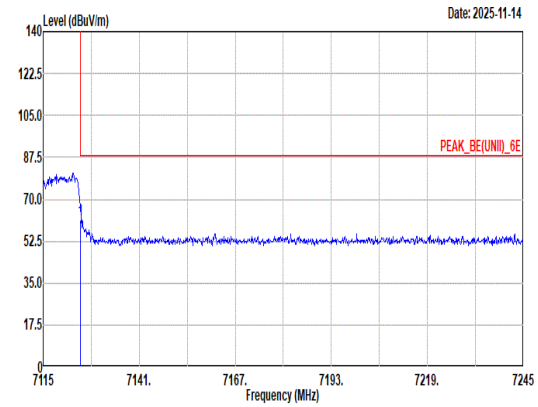
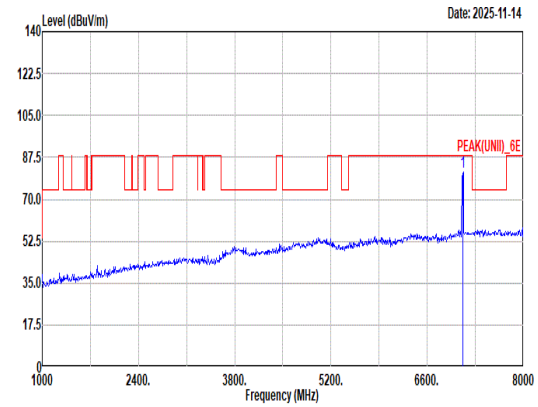
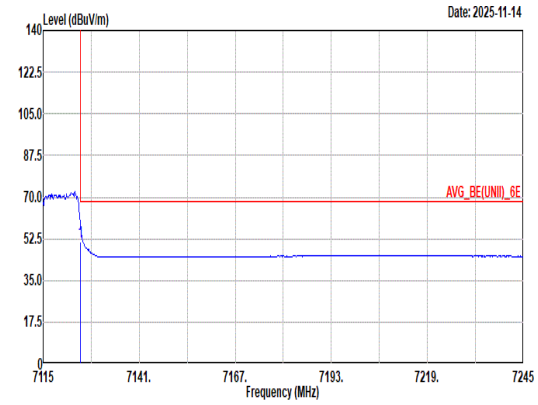
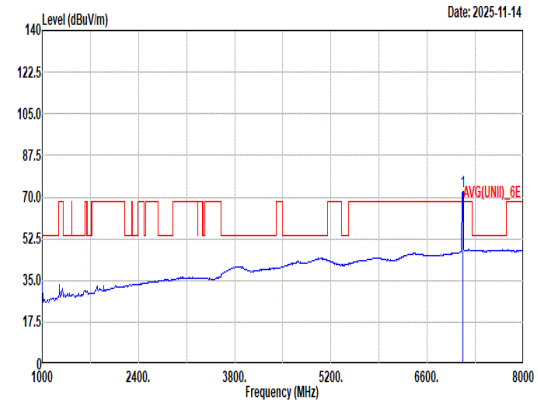
Mode	28	
	Harmonic	
	U-NII-6_6.425-6.525_802.11be EHT160_CH111_6505MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
10.8G ~18G Avg	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Mode : 25 Setting : 12	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL Mode : 25 Setting : 12

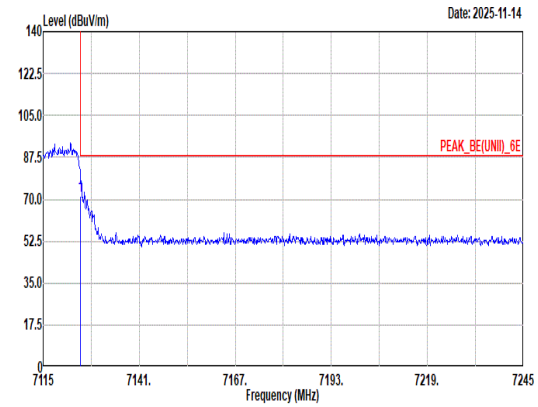
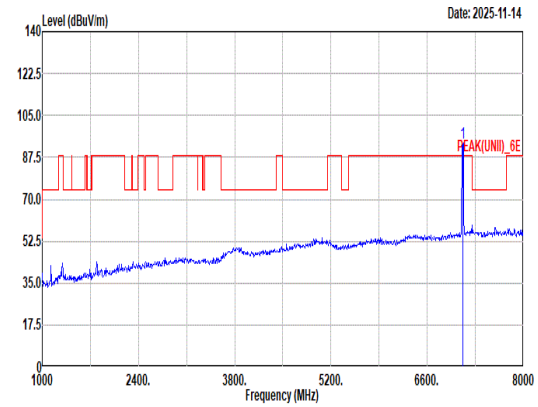
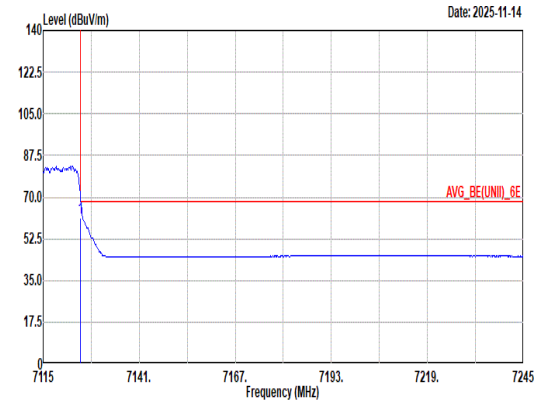
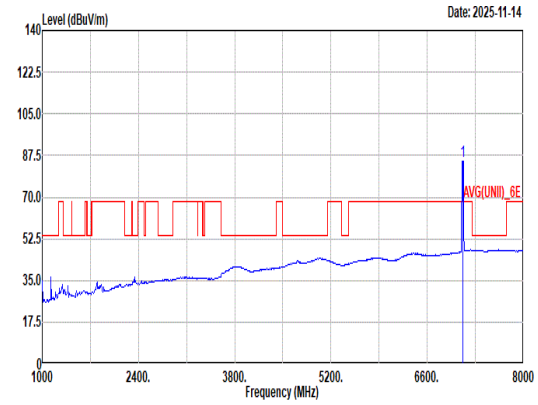
Mode	29	
	Band Edge	
	U-NII-7_6.525-6.875_802.11be EHT320_CH159_6745MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 29 Setting : 13.5 1 7172.20 57.04 88.20 -31.16 39.38 36.34 16.56 36.34 1.10 104 149 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 29 Setting : 13.5 1 6745.00 94.55 ------ ------ 77.59 35.80 15.94 35.80 1.02 104 149 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 29 Setting : 13.5 1 7173.64 46.90 68.20 -21.30 29.23 36.35 16.56 36.34 1.10 104 149 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 29 Setting : 13.5 1 6745.00 86.09 ------ ------ 69.13 35.80 15.95 35.81 1.02 104 149 Average

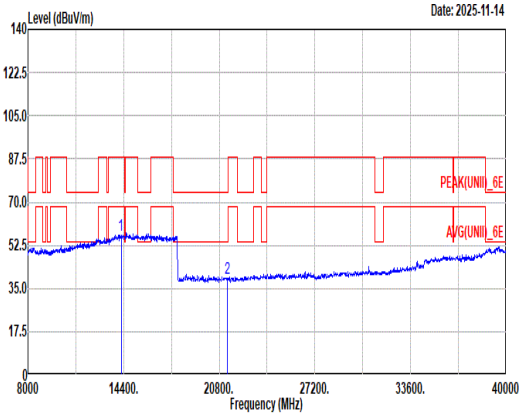
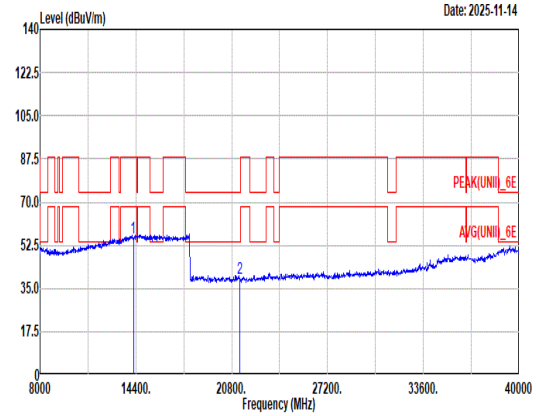
Mode	29	
	Band Edge	
	U-NII-7_6.525-6.875_802.11be EHT320_CH159_6745MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 29 Setting : 13.5 1 7125.16 63.94 88.20 -24.26 46.49 36.20 16.50 36.32 1.07 188 99 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 29 Setting : 13.5 1 6745.00 104.51 ------ ------ 87.54 35.80 15.91 35.77 1.03 188 99 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 29 Setting : 13.5 1 7129.00 52.46 68.20 -15.74 34.99 36.22 16.50 36.32 1.07 188 99 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 29 Setting : 13.5 1 6745.00 94.25 ------ ------ 77.29 35.80 15.95 35.81 1.02 188 99 Average

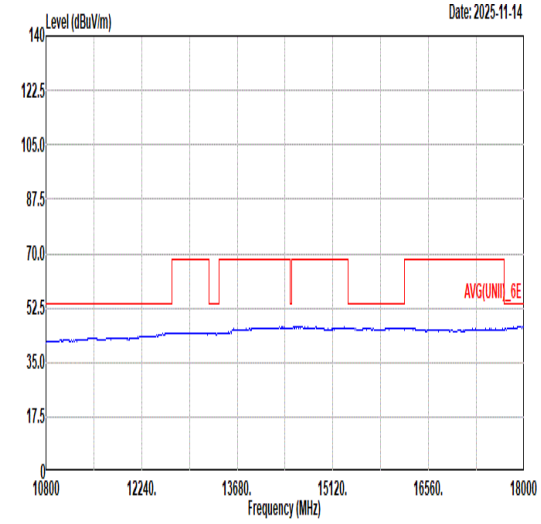
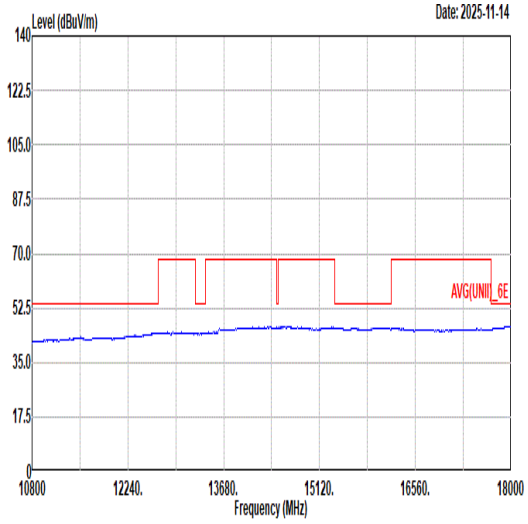
Mode	29	
	Harmonic	
	U-NII-7_6.525-6.875_802.11be EHT320_CH159_6745MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Mode : 26 Setting : 13.5 1 13490.00 55.98 88.20 -32.22 34.19 40.02 22.88 42.92 1.81 -- -- Peak 2 20235.00 40.46 74.00 -33.54 48.19 37.90 26.24 62.33 -9.54 -- -- Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL Mode : 26 Setting : 13.5 1 13490.00 56.55 88.20 -31.65 34.76 40.02 22.88 42.92 1.81 -- -- Peak 2 20235.00 40.68 74.00 -33.32 48.41 37.90 26.24 62.33 -9.54 -- -- Peak

Mode	29	
	Harmonic	
	U-NII-7_6.525-6.875_802.11be EHT320_CH159_6745MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
10.8G ~18G Avg	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Mode : 26 Setting : 13.5	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL Mode : 26 Setting : 13.5

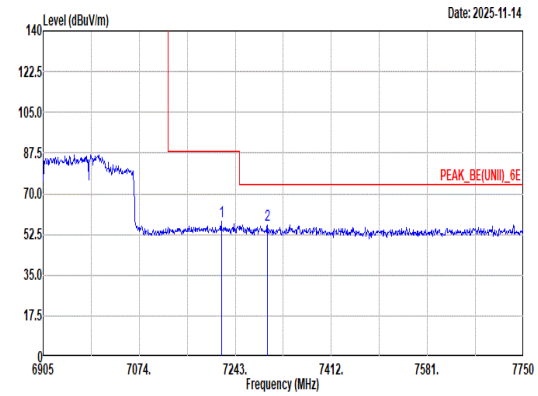
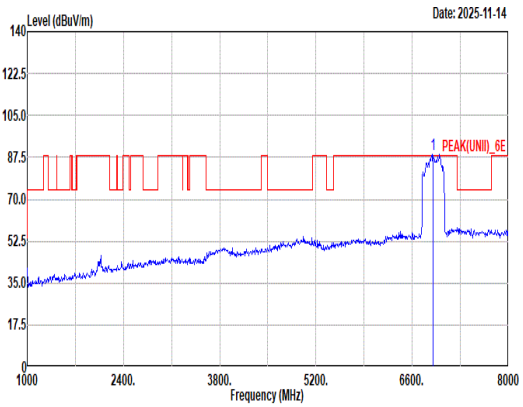
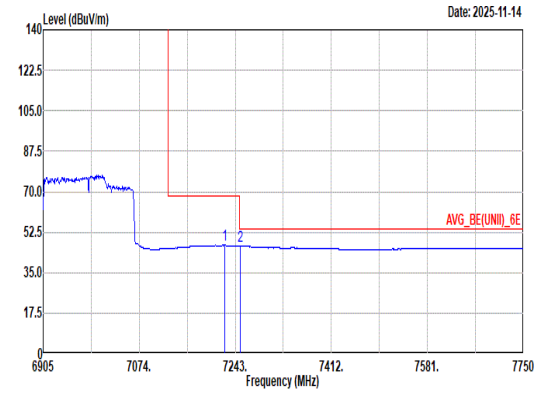
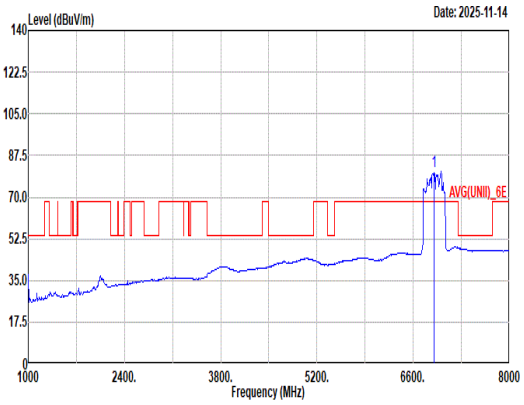
Mode	30	
	Band Edge	
	U-NII-8_6.875-7.125_802.11be EHT20_CH233_7115MHz	
ANT	Chain B+A	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7125.01 61.21 88.20 -26.99 43.76 36.20 16.50 36.32 1.07 100 124 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7115.00 81.21 ------ ------ 63.76 36.20 16.50 36.32 1.07 326 124 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7125.01 51.04 68.20 -17.16 33.59 36.20 16.50 36.32 1.07 100 124 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7115.00 72.42 ------ ------ 54.97 36.20 16.50 36.32 1.07 326 124 Average

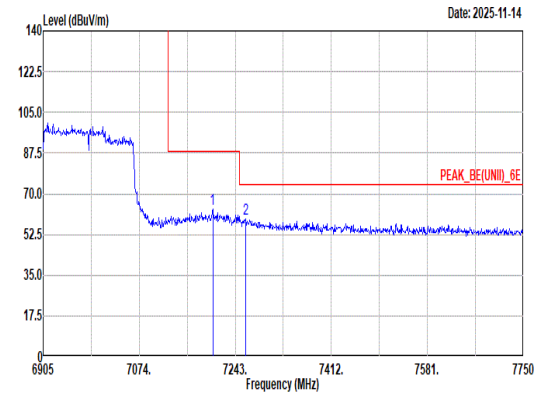
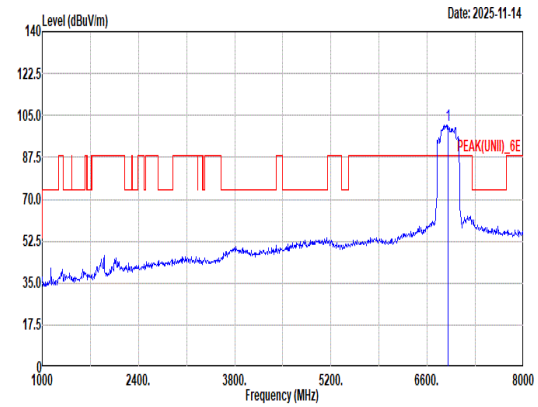
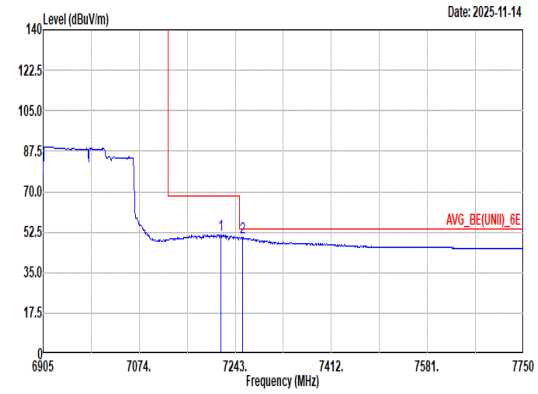
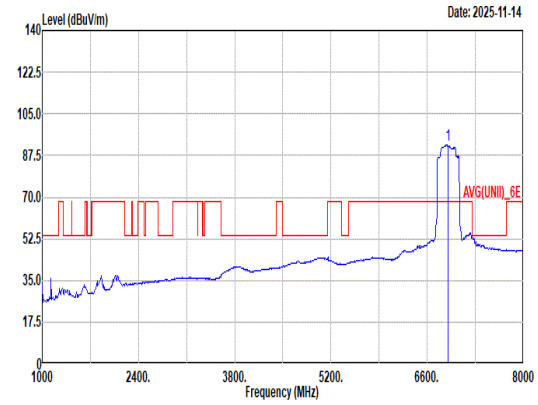
Mode	30	
	Band Edge	
	U-NII-8_6.875-7.125_802.11be EHT20_CH233_7115MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7125.01 71.21 88.20 -16.99 53.76 36.20 16.50 36.32 1.07 200 116 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7115.00 93.41 ------ ------ 75.96 36.20 16.50 36.32 1.07 200 116 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7125.01 61.27 68.20 -6.93 43.82 36.20 16.50 36.32 1.07 200 116 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7115.00 84.98 ------ ------ 67.61 36.14 16.48 36.32 1.07 200 116 Average

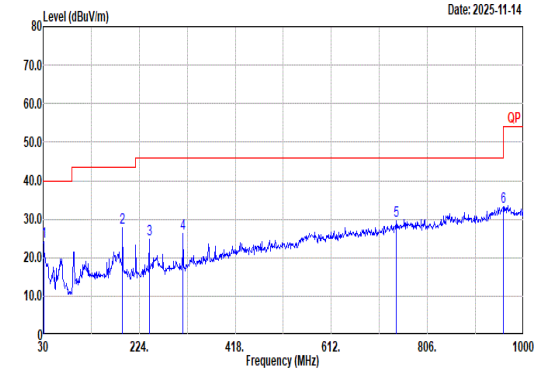
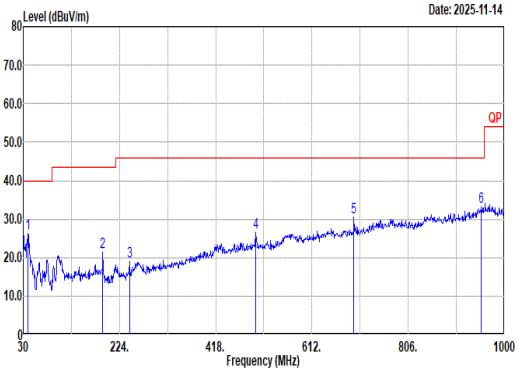
Mode	30	
	Harmonic	
	U-NII-8_6.875-7.125_802.11be EHT20_CH233_7115MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 14230.00 56.48 88.20 -31.72 34.11 41.00 23.59 44.06 1.84 -- -- Peak 2 21345.00 38.90 74.00 -35.10 44.63 38.10 26.93 61.22 -9.54 -- -- Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 14230.00 55.49 88.20 -32.71 33.12 41.00 23.59 44.06 1.84 -- -- Peak 2 21345.00 39.18 74.00 -34.82 44.91 38.10 26.93 61.22 -9.54 -- -- Peak

Mode	30	
	Harmonic	
	U-NII-8_6.875-7.125_802.11be EHT20_CH233_7115MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
10.8G ~18G Avg	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL

Mode	31
	Band Edge
	U-NII-8_6.875-7.125_802.11be EHT320_CH191_6905MHz
ANT	Chain B+A

Pol.	Horizontal	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7218.50 57.93 88.20 -30.27 40.18 36.40 16.61 36.35 1.09 400 221 Peak 2 7299.62 56.74 74.00 -17.26 38.83 36.60 16.71 36.38 0.98 400 221 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6905.00 88.83 ------ ------ 71.56 36.20 16.34 36.28 1.01 400 221 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7224.41 46.90 68.20 -21.30 29.15 36.40 16.62 36.35 1.08 400 221 Average 2 7251.45 46.46 54.00 -7.54 28.72 36.41 16.65 36.36 1.04 400 221 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6905.00 80.79 ------ ------ 63.52 36.19 16.35 36.28 1.01 400 221 Average

Mode	31	
	Band Edge	
	U-NII-8_6.875-7.125_802.11be EHT320_CH191_6905MHz	
ANT	Chain B+A	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH21-HY Condition: PEAK_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7203.29 63.31 88.20 -24.89 45.56 36.40 16.59 36.35 1.11 200 123 Peak 2 7261.59 59.26 74.00 -14.74 41.47 36.45 16.67 36.36 1.03 200 123 Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6905.00 101.03 ------ ------ 83.94 36.00 16.21 36.11 0.99 200 123 Peak
Avg	 Site : 03CH21-HY Condition: AVG_BE(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7217.65 51.47 68.20 -16.73 33.72 36.40 16.61 36.35 1.09 200 123 Average 2 7255.68 50.17 54.00 -3.83 32.42 36.42 16.66 36.36 1.03 200 123 Average	 Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6905.00 91.89 ------ ------ 74.80 36.00 16.22 36.12 0.99 200 123 Average

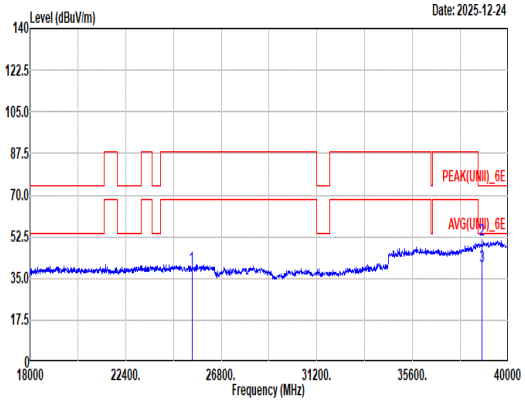
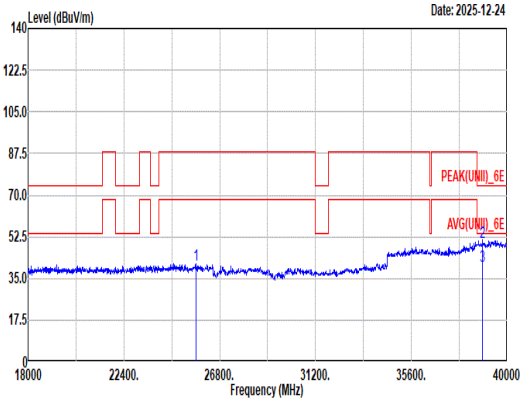
Mode	32	
	LF	
	U-NII-8_6.875-7.125_802.11be EHT320_CH191_6905MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
QP/ Peak	 Site : 03CH21-HY Condition: QP 3m LF_63303&001_241217 HORIZONTAL	 Site : 03CH21-HY Condition: QP 3m LF_63303&001_241217 VERTICAL

Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	30.97	24.05	40.00	-15.95	31.24	24.43	0.87	32.51	0.02	--	--	Peak
2	190.05	27.67	43.50	-15.83	42.94	14.70	2.42	32.45	0.06	--	--	Peak
3	244.37	24.85	46.00	-21.15	36.59	17.91	2.74	32.46	0.07	--	--	Peak
4	312.27	26.41	46.00	-19.59	36.36	19.35	3.11	32.48	0.07	--	--	Peak
5	742.95	29.58	46.00	-16.42	29.08	28.16	4.77	32.57	0.14	--	--	Peak
6	959.26	33.27	46.00	-12.73	27.27	31.50	5.42	31.13	0.21	--	--	Peak

Vertical:

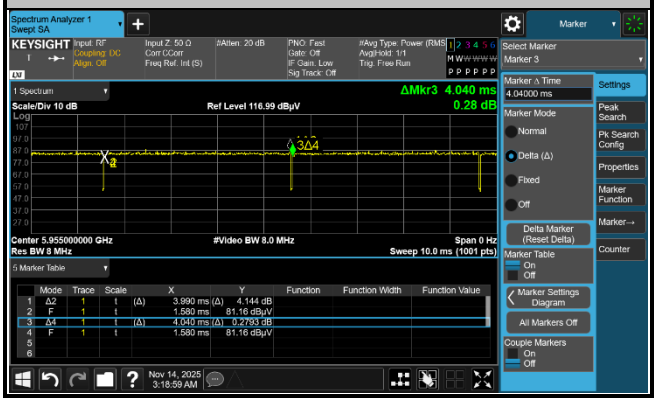
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	38.73	26.15	40.00	-13.85	36.93	20.66	1.03	32.49	0.02	--	--	Peak
2	190.05	21.56	43.50	-21.94	36.83	14.70	2.42	32.45	0.06	--	--	Peak
3	244.37	18.92	46.00	-27.08	30.66	17.91	2.74	32.46	0.07	--	--	Peak
4	498.51	26.64	46.00	-19.36	31.35	23.90	3.91	32.64	0.12	--	--	Peak
5	696.39	30.63	46.00	-15.37	32.04	26.53	4.64	32.70	0.12	--	--	Peak
6	953.44	33.25	46.00	-12.75	27.43	31.41	5.40	31.19	0.20	--	--	Peak

Mode	33	
	SHF	
	U-NII-8_6.875-7.125_802.11be EHT320_CH191_6905MHz	
ANT	Chain B+A	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 1m BBHA9170_1223_250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 25446.94 39.67 88.20 -48.53 40.72 39.30 29.49 60.30 -9.54 -- -- PEAK 2 38800.71 51.25 74.00 -22.75 39.86 44.29 37.18 60.54 -9.54 -- -- PEAK 3 38800.71 40.21 54.00 -13.79 28.82 44.29 37.18 60.54 -9.54 -- -- Average	 Site : 03CH21-HY Condition: PEAK(UNII)_6E 1m BBHA9170_1223_250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 25720.15 40.76 88.20 -47.44 41.82 39.20 29.67 60.39 -9.54 -- -- PEAK 2 38868.52 49.97 74.00 -24.03 38.87 44.01 37.22 60.59 -9.54 -- -- PEAK 3 38868.52 39.99 54.00 -14.01 28.89 44.01 37.22 60.59 -9.54 -- -- Average

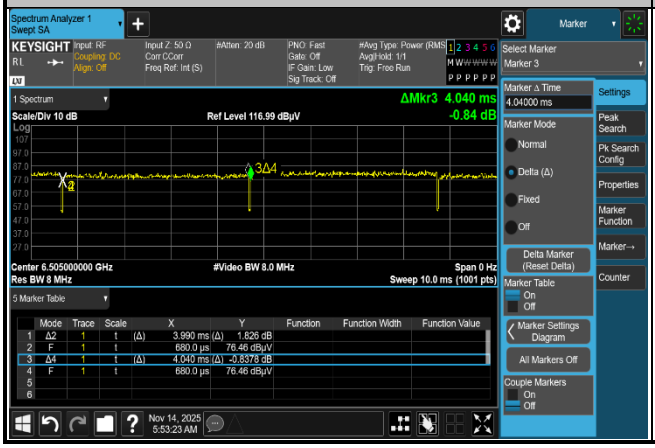
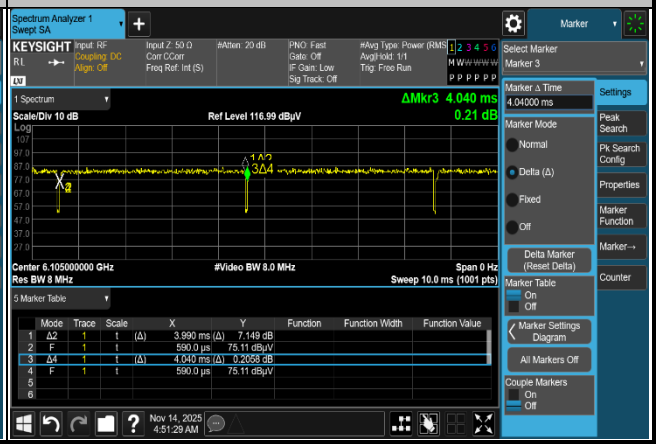
Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
Chain A+B	6EHz 802.11be EHT20 Full RU	98.76	-	-	10Hz
Chain A+B	6EHz 802.11be EHT160 Full RU	98.76	-	-	10Hz
Chain A+B	6EHz 802.11be EHT320 Full RU	98.76	-	-	10Hz

6EHz 802.11be EHT20 Full RU



6EHz 802.11be EHT160 Full RU



6EHz 802.11be EHT320 Full RU