




# Test Report 3768-165-166-ETSI-301-489

<b>Equipment Under Test:</b>	SONA NX611 M.2 2230, 1 MHF SONA NX611 M.2 2230, 2 MHF
<b>Requirement(s):</b>	ETSI EN 301 489-17
<b>Test Date(s):</b>	05/22/2024-06/25/2024
<b>Prepared for:</b>	Ezurio Attn: Brian Petted W66 N220 Commerce Ct. Cedarburg, WI 53012

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Signature: 	Date: 02/13/2025
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Signature: 	Date: 01/15/2025
<b>Report Constructed by:</b> Adam Alger, Manager EMC Laboratory	
Signature: 	Date: 01/14/2025

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Company: Ezurio	Page <b>1</b> of <b>28</b>	Name: SONA NX611 M.2 2230
Report: TR3768-165-166-ETSI-301-489		Model: SONA NX611M
Job: C-3768		Serial: 00047

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## Ezurio Test Services in Review

The Ezurio laboratory located at W66 N220 Commerce Court Cedarburg, Wisconsin, 53012 USA is recognized through the following organizations:



### A2LA – American Association for Laboratory Accreditation

*Accreditation based on ISO/IEC 17025:2017 with Electrical (EMC) Scope*

*A2LA Certificate Number: 1255.01*

*Scope of accreditation includes all test methods listed herein unless otherwise noted*



### Federal Communications Commission (FCC) – USA

*Accredited Test Firm Registration Number: 953492*

*Recognition of two 3 meter Semi-Anechoic Chambers*



### Innovation, Science and Economic Development Canada

*Accredited U.S. Identification Number: US0218*

*Recognition of two 3 meter Semi-Anechoic Chambers*

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# 1 TEST REPORT SUMMARY

During **05/22/2024-06/25/2024** the Equipment Under Test (EUT), **SONA NX611 M.2 2230**, as provided by **Ezurio** was tested to the following requirements:

## ETSI EN 301 489-17 referencing ETSI EN 301 489-1

Requirement	Description	Application	Specification	Compliant
CISPR 32	Radiated Emissions	Enclosure	30-6000 MHz Class B	Yes
CISPR 32	AC Mains Conducted Emissions	Enclosure	150 kHz - 30MHz Class B	Yes
IEC 61000-4-2	Electrostatic Discharge	Enclosure	±4 kV Contact ±8 kV Air	Yes
IEC 61000-4-3	Radiated RF Immunity	Enclosure	80-6000 MHz 3 V/m	Yes

### Notice:

The results relate only to the item tested as configured and described in this report. Any additional configurations, modes of operation, or modifications made to the equipment under test after the specified test date(s) are at the decision of the client and may not apply to the data seen in this test report.

The decision rule for Pass / Fail assessment to the specification or standard listed in this test report has been agreed upon by the client and laboratory to be as follows:

Measurement Type	Rule
Emissions – Amplitude	0.5 dB below specified limit
Emissions – Frequency	1% less than the specification
Immunity	Tested at specified level

## 2 CLIENT INFORMATION

<b>Company Name</b>	Ezurio
<b>Contact Person</b>	Brian Petted
<b>Address</b>	W66 N220 Commerce Ct. Cedarburg, WI 53012

### 2.1 Equipment Under Test (EUT) Information

*The following information has been supplied by the client*

<b>Product Name</b>	SONA NX611 M.2 2230, 1 MHF SONA NX611 M.2 2230, 2 MHF
<b>Part Number</b>	453-00166   453-00165
<b>Serial Number</b>	00047
<b>FCC ID</b>	SQG-SONANX611M
<b>IC ID</b>	3147A-SONANX611M

### 2.2 Product Description

The NX611 is based upon NXP IW611 Wi-Fi 6 chipset. Feature-set includes 802.11 a/b/g/n/ac/ax Wi-Fi 6 and Dual-Mode Bluetooth v5.3 (BDR + EDR + BLE).

### 2.3 Modifications Incorporated for Compliance

None noted at time of test

### 2.4 Deviations and Exclusions from Test Specifications

None noted at time of test

### 2.5 EUT Information

Power Supply – INPUT:100-240VAC 50/60 Hz 0.3A

OUTPUT: 5VDC 2A

Firmware - sduart\_nw61x\_v1.bin.se

Sduart\_nw61x\_v1\_mfg.bin.se

Company: Ezurio	Page 5 of 28	Name: SONA NX611 M.2 2230
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Job: C-3768		Serial:00047

## 2.6 Ancillary Equipment

Equipment used for EUT programming (not part of the EUT)

Development Kit, SU60-SOMC 6.0

P/N: 463-00138-K1 Rev 1

Power Supply: INPUT: 100-240 VAC 50/60Hz 0.7A

OUTPUT: 12VDC 2A

HP Elitebook 840G1

Labtool Version: 1.0.0.45.6

## 2.7 Antenna Information

Manufacturer	Model	Part Number	Dimension	Type	Peak Gain (dBi)	
					2400-2500 MHz	4900-5925 MHz
Laird Connectivity	FlexMIMO 6E	EFD2471A3S-10MH4L	39.5mm X 39.5mm X 4.7mm	PIFA	2.2	3.8
Laird Connectivity	FlexPIFA 6E	EFB2471A3S-10MH4L	16mm X 36mm X 2.5mm	PIFA	2.2	3.9
Laird Connectivity	Mini NanoBlade Flex 6E	EMF2471A3S-10MH4L	36mm X 12mm X 0.3mm	PCB Dipole	2.4	4.4
Joymax Electronics	N/A	TWX-100BRS3B	137mm X 13mm	Dipole	2.0	4.0
Laird Connectivity	FlexPIFA	EFB2455A3S-16MHF1	38.5mm X 12.7 mm X 2.5mm	PIFA	2.5	3.0

## 2.8 Performance Criteria

No	Descriptions
A	Packer error rate less than 0.5% per lperf monitoring.
B	Temporary loss of function, self recovers.
C	Temporary loss of function, recoverable by operator.

## 2.9 Test Channels and Exclusion band for Radiated Immunity.

Radio	Channel	Exclusion Band
2.4 GHz WLAN 802.11b	6	2280-2603.5 MHz
Bluetooth	39	2280-2603.5 MHz
UNII-1 802.11a	36	4830-6000 MHz
UNII-1 802.11ac80	42	4830-6000 MHz
UNII-3 802.11a	149	5285-6000 MHz
UNII-3 802.11ac80	155	5285-6000 MHz

### 3 REFERENCES

Publication	Edition	Date	AMD1	AMD2
ETSI EN 301 489-1	2.2.3	2019	-	-
ETSI EN 301 489-17	3.2.4	2020	-	-
IEC 61000-4-2	2.0	2008	-	-
IEC 61000-4-3	3.0	2006	2007	2010
CISPR 32	2.0	2015	2019	-



## 4 UNCERTAINTY SUMMARY

Using the guidance of the following publications the calculated measurement uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level, using a coverage factor of  $k = 2$ .

### References

CISPR 16-4-1

CISPR 16-4-2

CISPR 32

ANSI C63.23

A2LA P103

A2LA P103c

ETSI TR 100-028

Measurement Type	Configuration	Uncertainty $\pm$
Radiated Emissions	Biconical Antenna	5.0 dB
Radiated Emissions	Log Periodic Antenna	5.3 dB
Radiated Emissions	Horn Antenna	4.7 dB
AC Line Conducted Emissions	Artificial Mains Network	3.4 dB
Telecom Conducted Emissions	Asymmetric Artificial Network	4.9 dB
Disturbance Power Emissions	Absorbing Clamp	4.1 dB
Radiated Immunity	3 Volts/meter	2.2 dB
Conducted Immunity	CDN/EM/BCI	2.4/3.5/3.4 dB
EFT Burst/Surge	Peak pulse voltage	164 volts
ESD Immunity	15 kV level	1377 Volts

Parameter	ETSI U.C. $\pm$	U.C. $\pm$
Radio Frequency, from F0	$1 \times 10^{-7}$	$0.55 \times 10^{-7}$
Occupied Channel Bandwidth	5 %	2 %
RF conducted Power (Power Meter)	1.5 dB	1.2 dB
RF conducted emissions (Spectrum Analyzer)	3.0 dB	1.7 dB
All emissions, radiated	6.0 dB	5.3 dB
Temperature	1° C	0.65° C
Humidity	5 %	2.9 %
Supply voltages	3 %	1 %

## 5 TEST DATA

### 5.1 Radiated Emissions

<b>Description of Measurement</b>	<p>The frequency spectrum is investigated for intentional and / or unintentional signals emanating from the EUT by use of a standardized test site and measurement antenna.</p> <p>The antenna, cable, pre-amp, and other necessary measurement system correction factors are loaded onto the EMI receiver / spectrum analyzer when the measurements are performed allowing the data to be gathered and reported as corrected values.</p> <p>The maximum emissions from the EUT are determined by turn-table azimuth rotation (360°) and scanning of the measurement antenna. Maximized levels are noted at degree values of azimuth, measurement antenna height, and measurement antenna polarity.</p>
<b>Example Calculations</b>	<p>Measurement (dBμV) + Cable factor (dB) + Other (dB) + Antenna Factor (dB/m) = Corrected Reading (dBμV/m)</p> <p>Margin (dB) = Limit (dBμV/m) - Corrected Reading (dBμV/m)</p> <p>Example at 4000 MHz:            Reading = 40 dBμV + 3.4 dB + 0.9 dB + 6.5 dB/m = 50.8 dBμV/m            Average Limit = 20 log (500) = 54 dBμV/m            Margin = 54 dBμV/m - 50.8 dBμV/m = 3.2 dB</p>

#### Block Diagram



### 5.1.1 CISPR 32

<b>Operator</b>	Mitchell Freund   Dylan Rosenfeldt	<b>QA</b>	Anthony Smith   Adam Hauke
<b>Temperature</b>	25.3°C   21.8°C	<b>R.H. %</b>	30.50%   36.20%
<b>Test Date</b>	01/23/2024-01/24/2024	<b>Location</b>	Chamber 3   Chamber 5
<b>Requirement</b>	ETSI 301 489-17	<b>Method</b>	CISPR 32

#### Limits:

Frequency (MHz)	Limit (dBμV/m)	Detector Type
30-230	40.0	Quasi-Peak
200-1000	47.0	Quasi-Peak
1000-3000	50.0	Average
	70.0	Peak
3000-6000	54.0	Average
	74.0	Peak

#### Test Parameters

<b>Frequency</b>	30-6000 MHz	<b>Distance</b>	3 m
<b>Detector(s)</b>	Peak Trace Peak, Quasi-Peak, and Average Final	<b>Table Height</b>	80 cm
<b>RBW</b>	<1000 MHz – 120 kHz >1000 MHz – 1 MHz	<b>VBW</b>	<1000 MHz – 1.2 MHz >1000 MHz – 3 MHz

## Instrumentation

Asset #	Description	Manufacturer	Model #	Serial #	Date	Due Date	Status
AA 960007	Antenna - Double Ridge Horn	EMCO	3115	9311-4138	8/10/2023	8/10/2024	Active Calibration
AA 960154	Filter - High Pass 2.4 GHz	KWM	HPF-L-14186	7272-02	4/11/2024	4/11/2025	Active Calibration
AA 960163	Antenna - Log Periodic	A.H. Systems, Inc.	SAS-512-2	500	8/10/2023	8/10/2024	Active Calibration
AA 960217	Antenna - Biconical	A.H. Systems, Inc.	SAS-540	852	7/17/2023	7/17/2024	Active Calibration
AA 960221	Cable	A.H. Systems, Inc.	SAC-26G-6	524	6/13/2023	6/13/2024	Active Verification
EE 960085	Analyzer - EMI Receiver	Agilent	N9038A	MY51210148	4/27/2024	4/27/2025	Active Calibration
EE 960203	Analyzer - EMI Receiver	Keysight	N9038A	MY56400072	4/11/2024	4/11/2025	Active Calibration
LSC-300	Cable	Chamber 3 Emissions	-	-	1/5/2024	1/5/2025	Active Verification
LSC-500	Cable	Chamber 5 Emissions	-	-	1/8/2024	1/8/2025	Active Verification

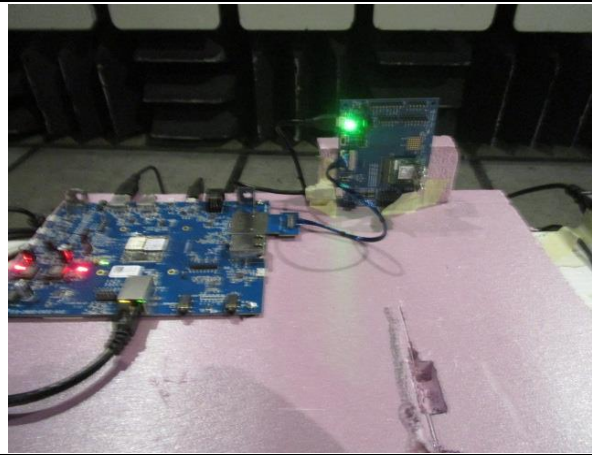
## EUT Parameters

<b>Input Power</b>	120 VAC @ 60 Hz	<b>Mode</b>	802.11b Rx
<b>EUT</b>	X, Y, Z Plane Orientations Antenna ports terminated with 50 $\Omega$ SMA terminators	<b>AE</b>	HP Elitebook 840G1 Ezurio – SOM60 Development Kit
<b>Notes</b>	6000 MHz Emission from auxiliary equipment. Not a function of the EUT. Only worst case reported		

**Setup Photos**



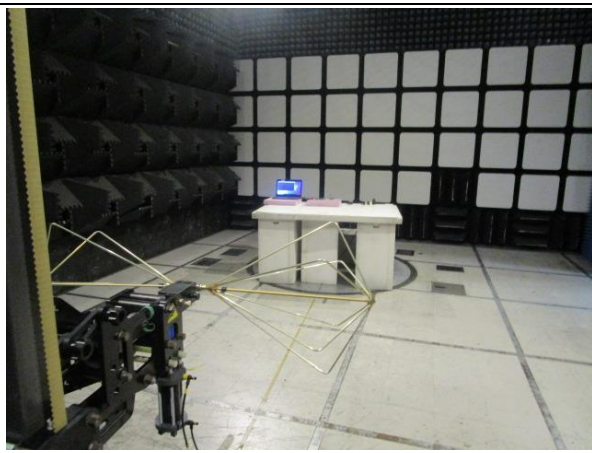
X Plane



Y Plane



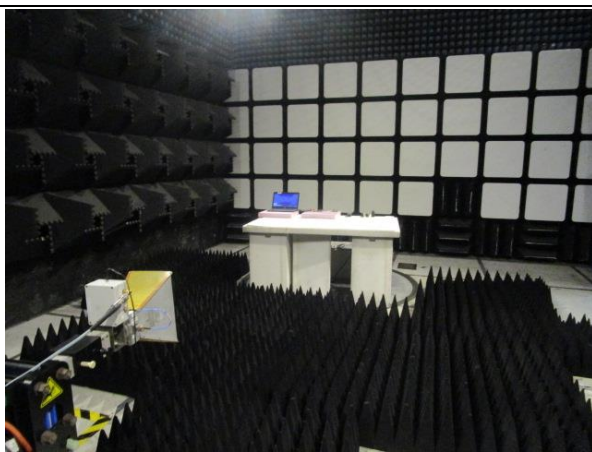
Z Plane



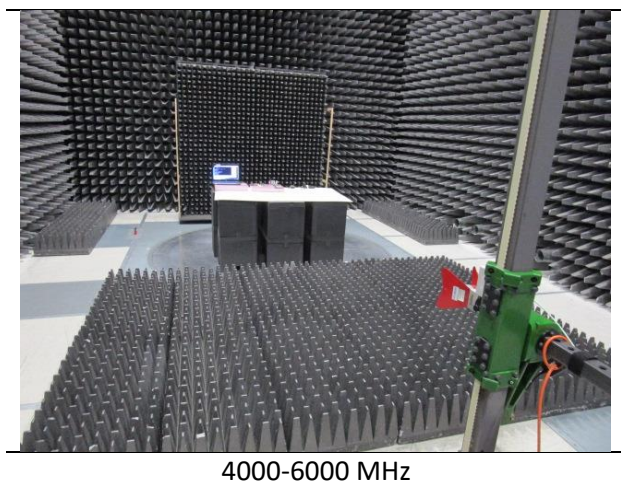
30-200 MHz



200-1000 MHz



1000-4000 MHz



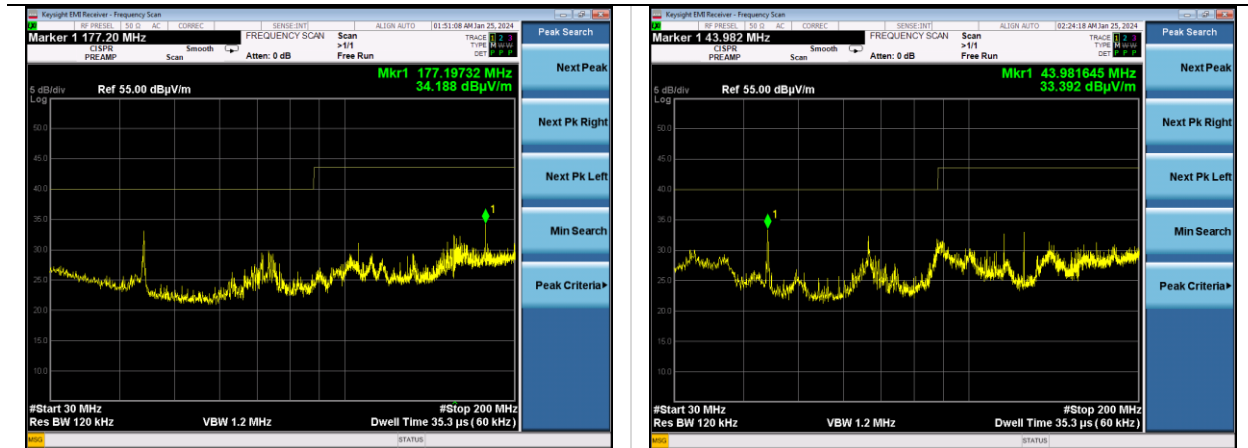
4000-6000 MHz

### Measurements

EUT Orientation	Frequency (MHz)	Antenna Polarity	Detector	Reading (dBμV/m)	Limit (dBμV/m)	Margin (dB)
X Plane	44.0	V	QP	31.8	40.0	8.2
Y Plane	66.3	V	QP	35.0	40.0	5.0
Z Plane	68.0	V	QP	33.0	40.0	7.0
X Plane	799.8	V	QP	37.2	46.0	8.8
Y Plane	480.0	H	QP	40.2	46.0	5.8
Z Plane	959.8	V	QP	38.5	46.0	7.5
X Plane	1440.1	V	PK	36.4	70.0	33.6
X Plane	1440.0	V	AVG	33.0	50.0	17.0
Y Plane	2399.4	V	PK	45.0	70.0	25.0
Y Plane	2399.4	V	AVG	33.8	50.0	16.2
Z Plane	2399.4	V	PK	46.1	70.0	23.9
Z Plane	2399.4	V	AVG	33.6	50.0	16.4

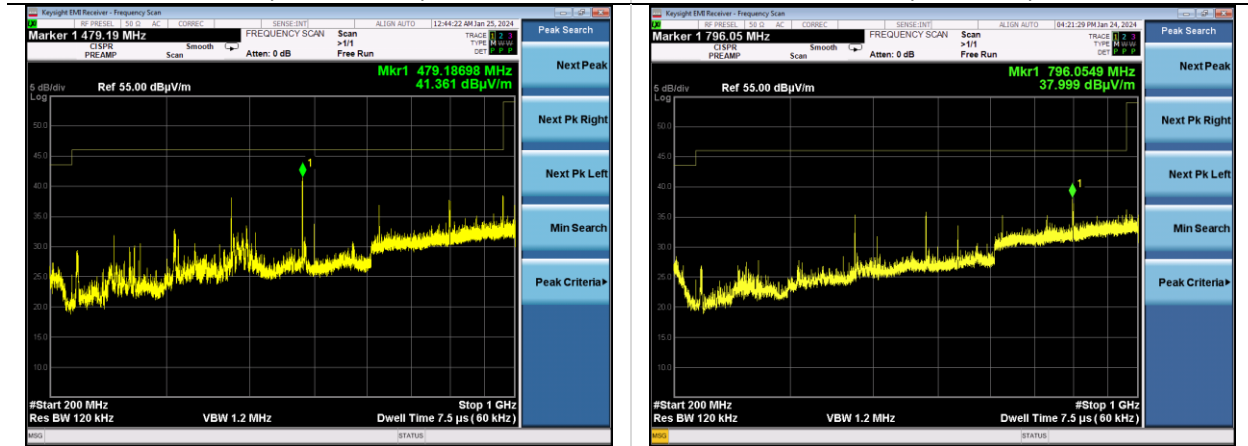


## Plots



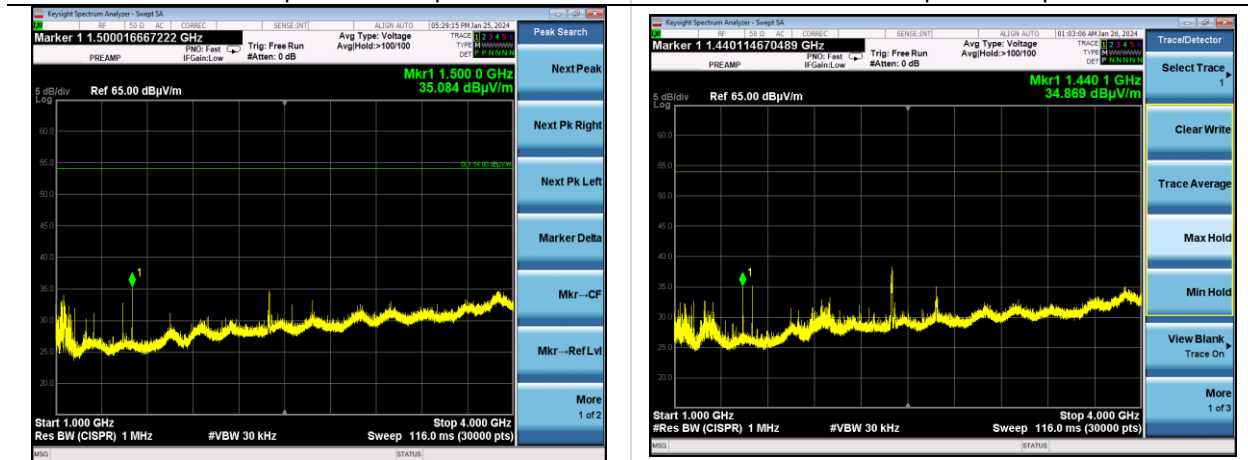
30-200 MHz | Horizontal | X Plane

30-200 MHz | Vertical | X Plane



200-1000 MHz | Horizontal | X Plane

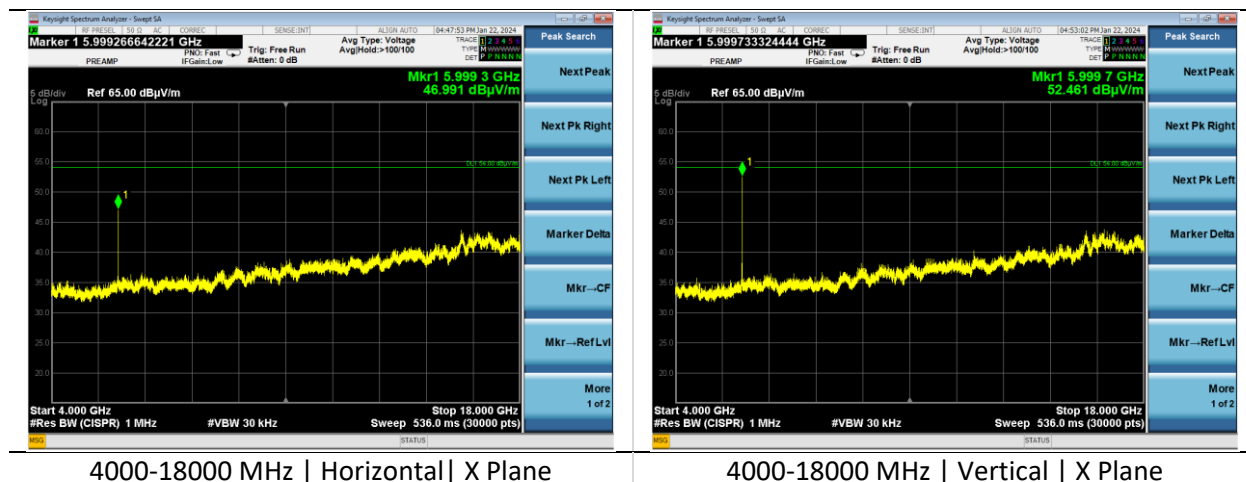
200-1000 MHz | Vertical | X Plane



1000-4000 MHz | Horizontal | X Plane

1000-4000 MHz | Vertical | X Plane

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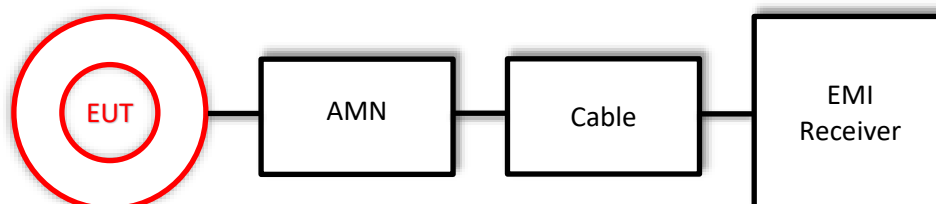




## 5.2 AC Mains Conducted Emissions

	<p>A line impedance stabilization network (LISN) or artificial mains network (AMN) allows the emissions of the power supply conductors to be measured while isolating the EUT from the supply mains.</p>
<b>Description of Measurement</b>	<p>The AMN, cable, and other necessary measurement system correction factors are loaded onto the EMI receiver when the measurements are performed. The data is gathered and reported as the corrected values.</p> <p>Maximum emissions are determined with a peak max hold trace then measurements at a selection of the highest points are made with quasi-peak and average detectors. Results are recorded and compared to limit for each line. (e.g. line and neutral)</p>
<b>Example Calculations</b>	<p>Measurement (dBμV) + Cable factor (dB) + Other (dB) = Corrected Reading (dBμV)</p> <p>Margin (dB) = Limit (dBμV) - Corrected Reading (dBμV)</p>

### Block Diagram



### 5.2.1 AC Mains Conducted Emissions

<b>Operator</b>	Jon Dille	<b>QA</b>	Adam Hauke
<b>Temperature</b>	21.2°C	<b>R.H. %</b>	28.40%
<b>Test Date</b>	04/05/2024	<b>Location</b>	AC Conducted Bench
<b>Requirement</b>	ETSI 301 489-17	<b>Method</b>	CISPR 32

#### Limits:

Frequency (MHz)	Quasi-Peak Limit (dBμV)	Average Limit (dBμV)
0.15-0.5	66.0-56.0*	56.0-46.0*
0.5-5	56.0	46.0
5-30	60.0	50.0

\*Decreases with the logarithm of the frequency.

#### Test Parameters

<b>Frequency</b>	0.15-30 MHz	<b>Distance</b>	40 cm from wall 80 cm from LISN
<b>Detector(s)</b>	Peak Trace Quasi-Peak, Average Final	<b>Table height</b>	80 cm
<b>RBW</b>	9 kHz	<b>VBW</b>	62 kHz
<b>Notes</b>	Channel has no effect on emission		

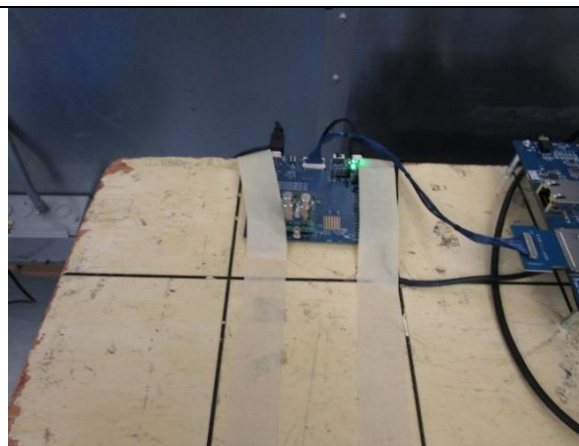
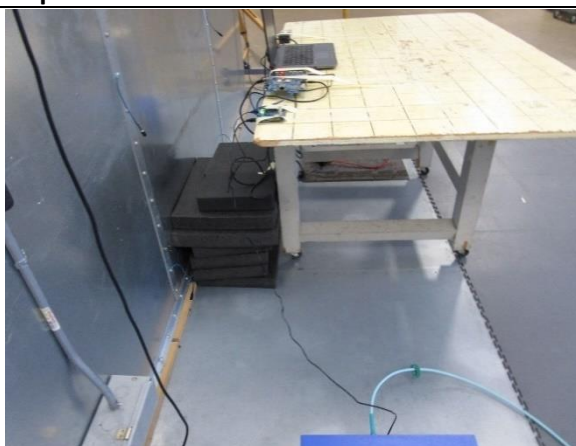
#### Instrumentation

Asset #	Description	Manufacturer	Model #	Serial #	Date	Due Date	Status
EE 960088	Analyzer - EMI Receiver	Agilent	N9038A	MY51210148	4/27/2023	4/27/2024	Active Calibration
EE 960089	LISN	COM-POWER	LI-215A	191943	4/10/2023	4/10/2024	Active Calibration
EE 960162	LISN	COM-POWER	LI-215A	191969	4/10/2023	4/10/2024	Active Calibration
LSC-212	Cable	Micro-Coax	UFB311A-0-1440-70U70U	64639 224071-001	1/8/2024	1/8/2025	Active Verification

#### EUT Parameters

<b>Input Power</b>	230 VAC @ 50 Hz	<b>Mode</b>	802.11b Rx
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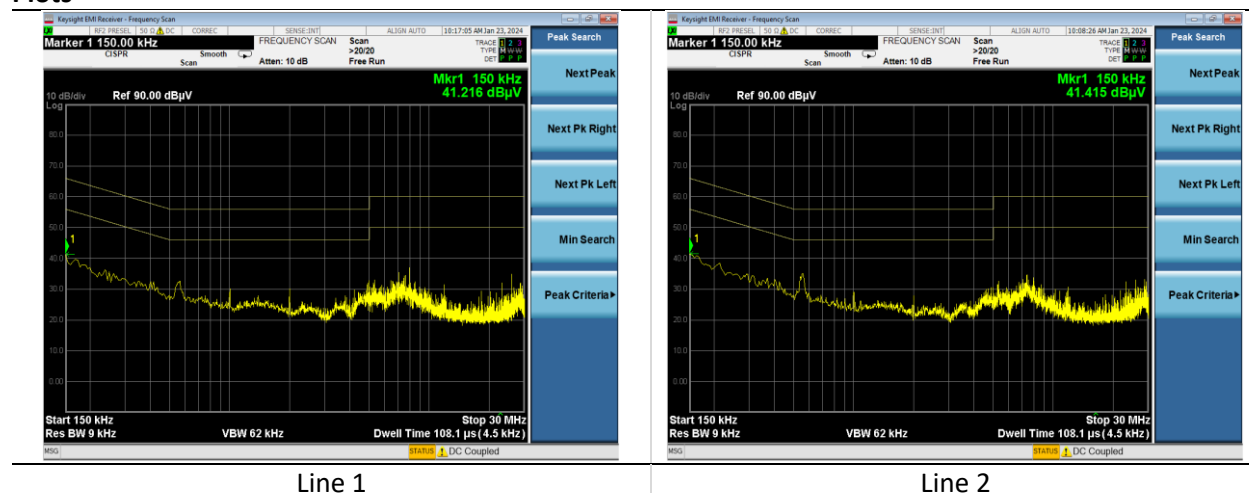
## Setup Photos



## Measurements

Line	Frequency (MHz)	Quasi Peak Reading (dBμV)	Quasi-Peak Limit (dBμV)	Quasi Peak Margin (dB)	Average Reading (dBμV)	Average Limit (dBμV)	Average Margin (dB)
1	0.150	37.7	66.0	28.3	29.4	56.0	26.6
1	0.554	31.2	56.0	24.8	27.2	46.0	18.8
1	7.930	26.3	60.0	33.7	17.1	50.0	32.9
2	0.150	37.6	66.0	28.4	29.4	56.0	26.6
2	0.550	31.3	56.0	24.7	24.2	46.0	21.8
2	7.372	29.8	60.0	30.2	21.8	50.0	28.2

## Plots



## 5.3 Radiated Immunity

The EUT is illuminated with uniform electromagnetic radiation by means of a RF generator, power amplifier, and field generating antenna.

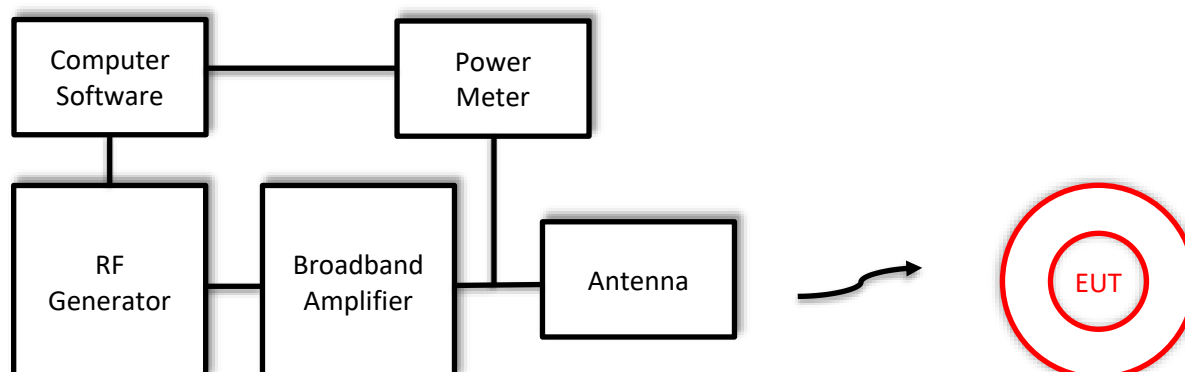
Ferrite panels and/or absorbers are placed on the ground between the antenna and EUT to achieve a uniform field area. The UFA is measured with an isotropic probe positioned in a planar grid at the desired test distance.

### Description of Measurement

The power required to create a uniform test field strength is stored in a calibration file for each frequency and antenna polarity.

The response of the EUT during and after test is observed, recorded, and compared to the defined performance criteria.

### Block Diagram



### 5.3.1 Radiated Immunity

<b>Operator</b>	Zach Brown   Jon Dilley Mitchell Frued   Nicole Sedmak	<b>QA</b>	Adam Alger
<b>Temperature</b>	22.8°C-25.0°C	<b>R.H. %</b>	31.10%-54.50%
<b>Test Date</b>	05/22/2024-06/18/2024	<b>Location</b>	Chamber 5
<b>Requirement</b>	ETSI 301 489-17	<b>Method</b>	IEC 41000-4-3

#### Test Parameters

<b>Level</b>	3 V/m	<b>Frequency</b>	80-1000 MHz 1400-6000 MHz w/ 2.4GHz and 5 GHz exclusion bands
<b>Modulation</b>	1 kHz 80% AM	<b>Step</b>	1% Log
<b>Dwell</b>	3 sec	<b>Antenna Distance</b>	3 m

#### Test Channels and Exclusion Bands

Radio	Channel	Exclusion Band
2.4 GHz WLAN 802.11b	6	2280-2603.5 MHz
Bluetooth	39	2280-2603.5 MHz
UNII-1 802.11a	36	4830-6000 MHz
UNII-1 802.11ac80	42	4830-6000 MHz
UNII-3 802.11a	149	5285-6000 MHz
UNII-3 802.11ac80	155	5285-6000 MHz

#### EUT Parameters

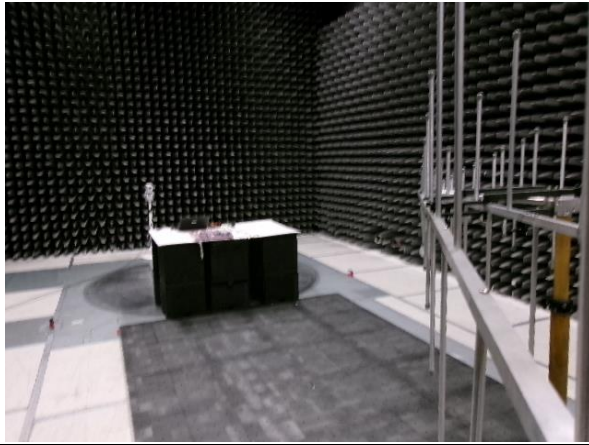
<b>Input Power</b>	230 VAC 50 Hz	<b>Operating Mode</b>	Connected to router, iperf monitoring
<b>Performance Criteria Required</b>	A	<b>AE</b>	Laptop and Router

## Instrumentation

Asset #	Description	Manufacturer	Model #	Serial #	Date	Due Date	Status
AA 960165	Antenna - Stacked Double Logarithmic- Periodic	Schwarzbeck	STLP 9128	9128 E 113	2/10/2024	2/10/2025	Active Calibration
EE 960098	Generator - Signal	Teseq	ITS 6006	33022	4/13/2024	4/13/2025	Active Calibration
EE 960099	Sensor - RF Power	Teseq	PM 6006	73409	4/13/2024	4/13/2025	Active Calibration
EE 960100	Sensor - RF Power	Teseq	PM 6006	73402	4/13/2024	4/13/2025	Active Calibration
EE 960101	Sensor - RF Power	Teseq	PM 6006	73410	4/13/2024	4/13/2025	Active Calibration
EE 960104	Amplifier	Milmega	80RF1000- 250	1060499	2/10/2024	2/10/2025	Active Validation
EE 960105	Amplifier	Milmega	80RF1000- 500	1060498	2/10/2024	2/10/2025	Active Validation
EE 960106	Amplifier	Milmega	80RF1000- 250	1060500	2/10/2024	2/10/2025	Active Validation
EE 960107	Amplifier	Milmega	AS0102- 250	1060508	2/10/2024	2/10/2025	Active Validation
EE 960108	Amplifier	Milmega	AS1860- 100	1060507	2/10/2024	2/10/2025	Active Validation
LSC-213	Cable	Micro-Coax	UFB311A- 0-2160- 70U70U	64639 224068- 001	1/8/2024	1/8/2025	Active Verification



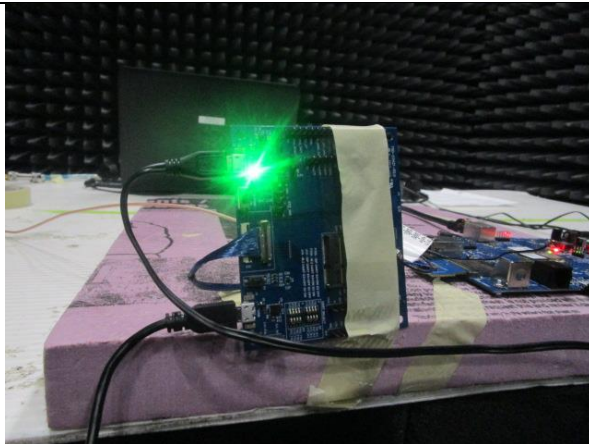
## Setup Photos



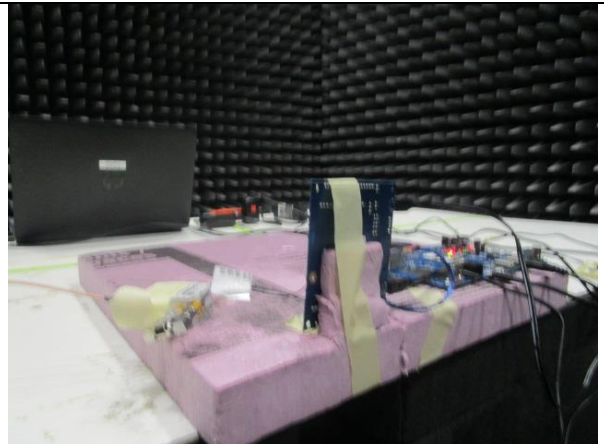
80-1000 MHz



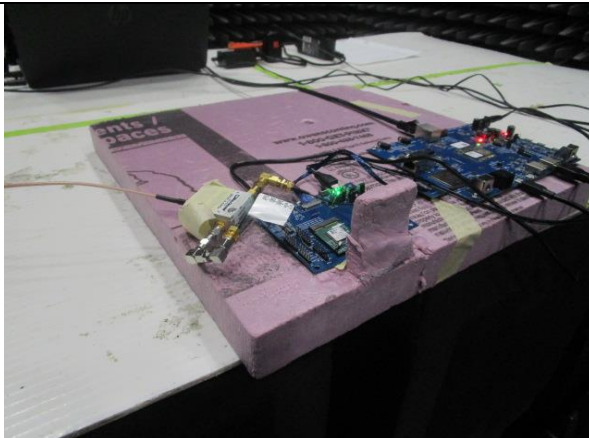
1400-6000 MHz



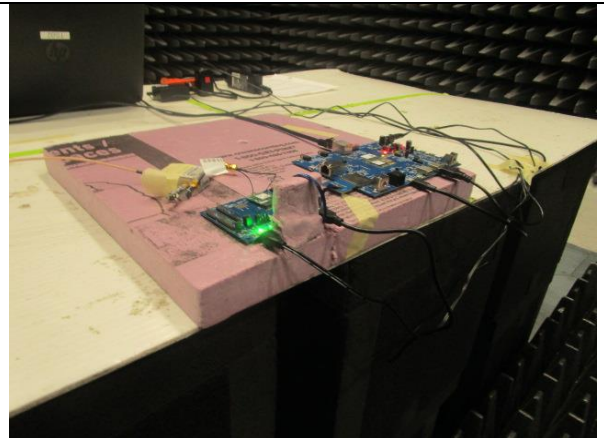
Front



Back



Flat (Antenna exposed)



Flat (USB exposed)

## Results

80-1000 MHz			1400-6000 MHz		
Orientation	Antenna Polarity	Result	Orientation	Antenna Polarity	Result
Front	Vertical	Pass	Front	Horizontal	Pass
Front	Horizontal	Pass	Front	Vertical	Pass
Back	Horizontal	Pass	Back	Vertical	Pass
Back	Vertical	Pass	Back	Horizontal	Pass
Flat (antenna)	Vertical	Pass	Flat (antenna)	Vertical	Pass
Flat (antenna)	Horizontal	Pass	Flat (antenna)	Horizontal	Pass
Flat (usb)	Horizontal	Pass	Flat (usb)	Horizontal	Pass
Flat (usb)	Vertical	Pass	Flat (usb)	Vertical	Pass



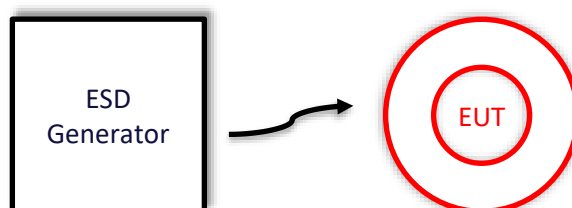
## 5.4 Electrostatic Discharge Immunity

The EUT is subject to a static electricity discharge by means of a generator network and electrode. This electrode is chosen to produce direct contact discharge or indirect air discharge in both positive and negative polarities.

**Description of Measurement** Contact discharges are applied directly to various points on the EUT, horizontal coupling plane, and vertical coupling plane as applicable.  
The round tip electrode produces an indirect discharge to the EUT through the air.

The response of the EUT during and after test is observed, recorded, and compared to the defined performance criteria.

### Block Diagram



### 5.4.1 Electrostatic Discharge Immunity

<b>Operator</b>	Jon Dille	<b>QA</b>	Adam Alger
<b>Temperature</b>	24.2°C	<b>R.H. %</b>	47.40%
<b>Test Date</b>	06/25/2024	<b>Location</b>	ESD Bench
<b>Requirement</b>	ETSI 301 489-17	<b>Method</b>	IEC 61000-4-2

#### Test Parameters

<b>Level (+/-)</b>	±4 kV – Contact ±2, ±4, & ±8 kV – Air	<b>Network</b>	150 pF / 330 Ω
<b>Number of discharges</b>	10 per polarity	<b>Discharge Repetition</b>	1 Hz

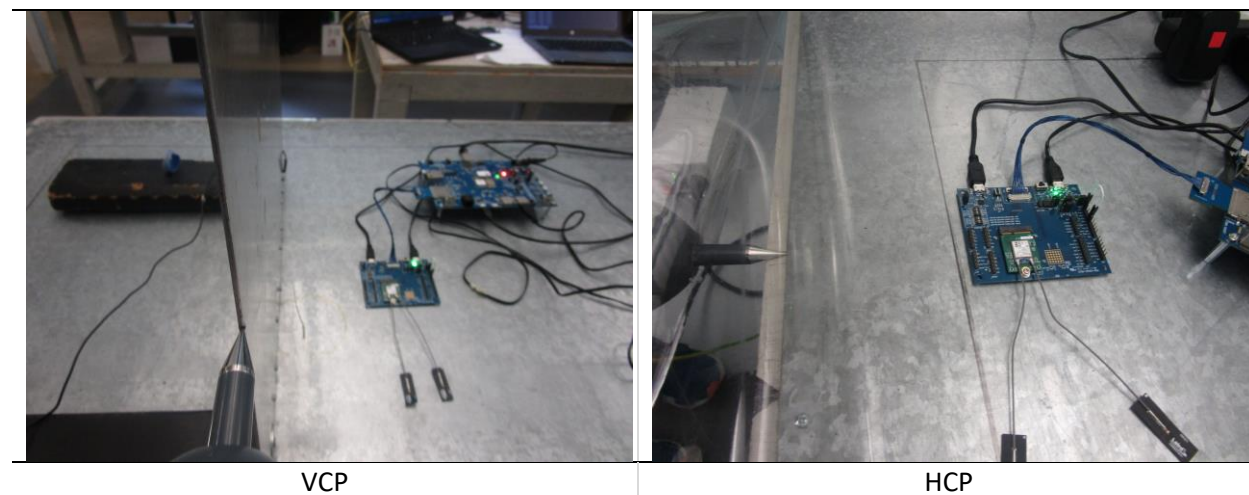
#### Instrumentation

Asset #	Description	Manufacturer	Model #	Serial #	Date	Due Date	Status
EE 960197	Meter - Hygro-Thermometer	Control Company	90080-03	180045461	7/21/2024	7/21/2025	Active Calibration
EE 960213	ESD Gun	Teseq	NSG 438A	346	4/13/2024	4/13/2025	Active Calibration

#### EUT Parameters

<b>Input Power</b>	230 VAC @ 50 Hz	<b>Operating Mode</b>	2.4GHz WLAN Connected 5GHz WLAN Connected
<b>Performance Criteria Required</b>	B	<b>AE</b>	Router

## Setup Photos



## Results (listed by criteria level achieved per discharge)

Radio	Discharge Location	Discharge Type	±4 kV
2.4 GHz WLAN	Vertical Coupling Plane	Contact	Pass
	Horizontal Coupling Plane	Contact	Pass
5 GHz WLAN	Vertical Coupling Plane	Contact	Pass
	Horizontal Coupling Plane	Contact	Pass

## 6 REVISION HISTORY

Version	Date	Notes	Person
0.0	08/28/2024	Initial Draft	Adam Hauke
0.1	01/14/2025	Updated Draft	Adam Alger
1	2/13/2025	Final	Adam Alger

**END OF REPORT**