July 12, 2021

Dakota Ultrasonics
Jason Treon
1500 Green Hills Road #107
Scotts Valley, CA 95066

Dear Jason Treon,

Enclosed is the Electromagnetic Compatibility for the Dakota Ultrasonics, HPX, tested to the requirements of:

- EN 61326-1:2013

Thank you for using the services of Eurofins Electrical and Electronic Testing NA, Inc. Please contact me if you have any questions regarding these results or if Eurofins E&E can be of further service to you.

Sincerely,

Rheine Nguyen

Documentation Department
Eurofins Electrical and Electronic Testing NA, Inc.

Reference: EMC112824-EN61326

A2LA ACCREDITED TESTINGCERT #0591.02

Report Status Sheet

Revision	Report Date	Reason for Revision
Ø	07/12/2021	Initial Issue.

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1.0 Testing Summary

The Dakota Ultrasonics, HPX was found to be compliant to the following specification(s).

- EN 61326-1:2013

Alex Chen
EMC Laboratory Engineer

Engineering Statement: The measurements shown in this report were made in accordance with the procedures indicated. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements.

Joe Vang
EMC Laboratory Manager, California

2.0 Overview

Eurofins Electrical and Electronic Testing NA, Inc. was contracted by Dakota Ultrasonics to perform testing on the HPX, under purchase order number 9056.

This document describes the test setups, test methods, required test equipment, and the test limit criteria used to perform compliance testing of Dakota Ultrasonics, HPX.

The results obtained relate only to the item(s) tested.

Model(s) Tested:	HPX
Equipment Emissions Class:	A

2.1 Test Site

All testing was performed at Eurofins Electrical and Electronic Testing NA, Inc., 3162 Belick St. Santa Clara, CA 95054. All equipment used in making physical determinations is accurate and bears recent traceability to the National Institute of Standards and Technology. Eurofins Electrical and Electronic Testing NA, Inc. has been accredited by the American Association for Laboratory Accreditation (A2LA) (Certificate #: 0591.02) in accordance with ISO/IEC 17025:2017.

2.2 Measurement Uncertainty

Measurement uncertainty calculated as per NIST Technical Note (TN) 1297 and ANSI / NCSL Z540-2, as equivalent to EN 55016-4-2 / IEC CISPR 16-4-2.

Test Method	Typical Expanded Uncertainty (dB)	K	Confidence Level
Radiated Emissions, (30 MHz – 1 GHz)	±3.24	2	95%
Radiated Emissions, (1 GHz – 6 GHz)	±3.92	2	95%
Conducted Emission Voltage	±2.44	2	95%
Conducted Emission Telecom	±3.53	2	95%

Measurement Uncertainty

2.3 Overall Immunity Performance Criteria

In accordance with EN 55024, the EUT was evaluated according to the following performance criteria where specified:

Performance Criterion A: The equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

Performance Criterion B: After the test, the equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed, after the application of the phenomena below a performance level specified by the manufacturer, when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance.

During the test, degradation of performance is allowed. However, no change of operating state or stored data is allowed to persist after the test.

If the minimum performance level (or the permissible performance loss) is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

Performance Criterion C: Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions.

Functions, and/or information stored in non-volatile memory, or protected by a batter backup, shall not be lost.

2.4 Equipment Overview and Test Configuration

Name of EUT/Model:	HPX
Description of EUT and Intended Use:	The HPX measures the thickness of material by means of an ultrasonic pulse created and measured by a piezoelectric transducer. The handheld device is intended for use by trained technicians in construction sites and metal structures.
Selected Operation Mode(s):	The HPX will measure thickness in Pulse-Echo mode. The transducer will be attached to the provided sample material. Thickness of the material will be displayed on screen. The transducer should be plugged into the unit. A drop of couplant is placed on the head of the transducer and the transducer is placed on the sample material. Turn on the unit by pressing the on/off button. The unit will display a thickness reading and will continue to do so during normal operations. If no reading appears initially, apply more couplant and press the transducer down firmly.
Rational for the selection of the Operation Mode(s):	All functions of the gauge rely on measuring thickness.
Monitoring Method(s):	1) Unit should legibly display material thickness to within 0.01 inches. 2) Unit display should not be illegible or fail to display a reading . Momentary flickers are acceptable.
Emissions Class Declaration:	Class A
Immunity Table Declaration:	Table A.1 – Immunity test requirements for portable test and measurement equipment
Manufacturer's specified environmental operating conditions	
Temperature Range (Ex: 0c - 100c):	10C to 60C
Humidity Range (Ex: 15% - 80% RH):	15% - 80% RH
Atmospheric Pressure (Ex: 90-110 kPa):	90-110 kPa
Cabling and earthing.(grounding):	Internal components are grounded to the aluminum case. This is a handheld device and is not normally connected to earth ground.
Configuration(s):	EUT consists of the handheld unit itself, transducer with 3ft cable, and 3ft USB-C data cable. Also to be provided are a sample block and couplant gel. Unit is to be configured with all the cables plunged into it. The transducer is to be placed on the test block with a drop of couplant between the transducer and the sample material.
EUT Power Requirement	
Voltage:	4.5V DC (AA Batteries)
AC or DC:	DC
Voltage Frequency:	N.A.
Phases:	1
Current:	500mA
Uses an external AC/DC Adapter:	False
Physical Description	

EUT Arrangement:	Table Top
System with Multiple Chassis:	False
Size (HxWxD) inches:	Width (2.5in/63.5 mm) Height (6.5 in/165 mm) Depth
Weight (lbs):	13.5 ounces (with batteries).
Other Info	
Highest Internal Frequency (MHz) used:	96
Magnetic Sensitivity:	False
EUT Software (internal to EUT):	CMXUv3_04r.bch
Support Software (used by support PC to exercise EUT):	NA

EUT List

Ref.ID	Slot#	Name/Description	Model Number	Part Number	Serial Number	Rev. #
A		HPX Gauge	1	Z-225-0001		1
B		Transducer	500kHz	T-857-8608		1

Ports and Cabling

Ref.ID	Port Name on EUT	Cable Desc. or reason for none	QTY	Length as tested (m)	Max Length (m)	Shielded?	Termination Box ID & Port Name
1	Transducer	RG-174A/U Lemo00 to BNC	1	1	1	Yes	Transducer
2	USB-C	USB-C	2	1	1	No	USB

Support Equipment List

Ref.ID	Name/Description	Manufacturer	Model Number	*Customer Supplied Calibration Data
C	Couplant Gel	Ultrasonix	V-000-0001	NA
D	Test Block			NA

2.5 Modifications to the EUT

No modifications were made to the EUT.

2.6 Modifications to the Standard

No modifications were made to the Test Standard.

2.7 Disposition of EUT

The test sample including all support equipment (if any), submitted to the Electromagnetic Compatibility Lab for testing was returned to Dakota Ultrasonics upon completion of testing.

3.0 Electromagnetic Compatibility Emission Criteria

3.3 Radiated Emissions: Limits of Electromagnetic Radiation Disturbance

Test Method: CISPR 11

Test Requirement(s): The following standards specified below are covered in the scope of this section of the test report:

- EN 61326-1:2013

For radiated emission in the frequency range 30 MHz – 1000 MHz, the EUT shall meet the Class A limits shown in the following table.

Table Clause	Frequency Range (MHz)	Measurement		Limits (dBµV/m)
		Distance m	Detector type/ bandwidth	
A2.1	30 – 230	10	Quasi Peak / 120 kHz	40
	230 to 1000			47
A2.2	30 – 230	3		50
	230 to 1000			57

Requirements for radiated emissions at frequencies up to 1 GHz for Class A equipment

Table Clause	Frequency Range (MHz)	Measurement		Limits (dBµV/m)
		Distance m	Detector type/ bandwidth	
A3.1	1000 – 3000	3	Average / 1 MHz	56
	3000 – 6000			60
A3.2	1000 – 3000		Peak / 1 MHz	76
	3000 – 6000			80

Requirements for radiated emissions at frequencies above 1 GHz for Class A equipment

Sample Calculation for Distance Correction factor (DCF) measurement:

$F_d = 20*LOG_{10} (D_m/D_s)$

where:

F_d = Distance Factor in dB
D_m = Measurement Distance in meters
D_s = Specification Distance in meters

Sample formula for calculating the Corrected Data for the Radiated Emissions Measurements:

Frequency (MHz)	Antenna Polarity	EUT Azimuth (Degrees)	Antenna Height (cm)	Uncorrected Amplitude (dBµV)	ACF (dB/m) (+)	Pre Amp Gain (dB)(-)	CBL (dB) (+)	DCF (dB) (+)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)

249.99	V	359.9	240.7	55.46	11.4	28.335	0	0	***38.505***	47	-8.495

Corrected Amplitude (dBµV/m) = Uncorrected Amplitude (dBµV) +ACF (dB/m) - Preamp Gain (dB) + CBL (dB) +DCF (dB) = 55.46 + 11.4 - 28.355 + 0 + 0 = ***38.505***

Test Procedure: The EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber. The method of testing, test conditions, and test procedures of CISPR 11 were used. Any measured frequency that exhibits a margin of compliance that is less than 3 dB below the specification limit is marked. MET recommends that every emission measured, has at least a 3 dB margin to allow for deviations in the emission characteristics that may occur during the production process.

For emissions between 30 MHz and 1000 MHz, a biconilog antenna was located 3m from the EUT on an adjustable mast. A pre-scan was first performed in order to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. Unless otherwise specified, measurements were made using a quasi-peak detector with a 120 kHz resolution bandwidth.

For emission between 1 GHz and GHz, a double ridged guide horn was located 3 m from the EUT on an adjustable mast. A pre-scan was performed and used to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied depending on the geometry of the EUT. In order to ensure maximized emissions, the horn antenna was positioned both vertically and laterally. Measurements in both horizontal and vertical polarities were made and the data was recorded. Unless otherwise specified, measurements were made using a peak and average detector with a 1 MHz resolution bandwidth.

Test Software Used: Jamila RE Rev 4.0 was used to perform this test.

Test Results:

Test Standard:	EN 61326-1:2013 Class A
Test Name	Radiated Emissions
Test Dates:	07/08/2021
Laboratory	Eurofins Electrical and Electronic Testing NA, Inc.
Test Engineer:	Alex Chen
Test Results:	Compliant

Test Summary

Frequency Range	Specification	Measurement (MHz)	Margin (dBµV)	Class	Compliance
30 MHz – 1 GHz	EN 61326-1: 2013	480	-10.5	A	**Compliant**
1 – 6 GHz	EN 61326-1: 2013	1750.333	-17.824		**Compliant**

Test Data

Frequency (MHz)	Antenna Polarity	EUT Azimuth (Degrees)	Antenna Height (cm)	Uncorrected Amplitude (dBuV)	ACF (dB/m)	Pre-Amp Gain (dB)	CBL (dB)	DCF (dB)	Corrected Amplitude (dBuV)	Limit (dBuV)	Margin (dB)
36.24	H	326	100	-0.26	20.156	0	1.315	-10.46	10.751	40	-29.249
64.48	V	0	100	23.61	10.452	0	1.671	-10.46	25.273	40	-14.727
360	H	342	100	16.23	19.9	0	3.454	-10.46	29.124	47	-17.876
480	V	300	100	21.38	21.5	0	4.08	-10.46	36.5	47	-10.5
528	V	0	100	14.39	22.4	0	4.214	-10.46	30.544	47	-16.456
672	V	291	100	10.02	23.6	0	4.615	-10.46	27.775	47	-19.225

Table 1. Radiated Emissions (30 MHz – 1 GHz), Test Results

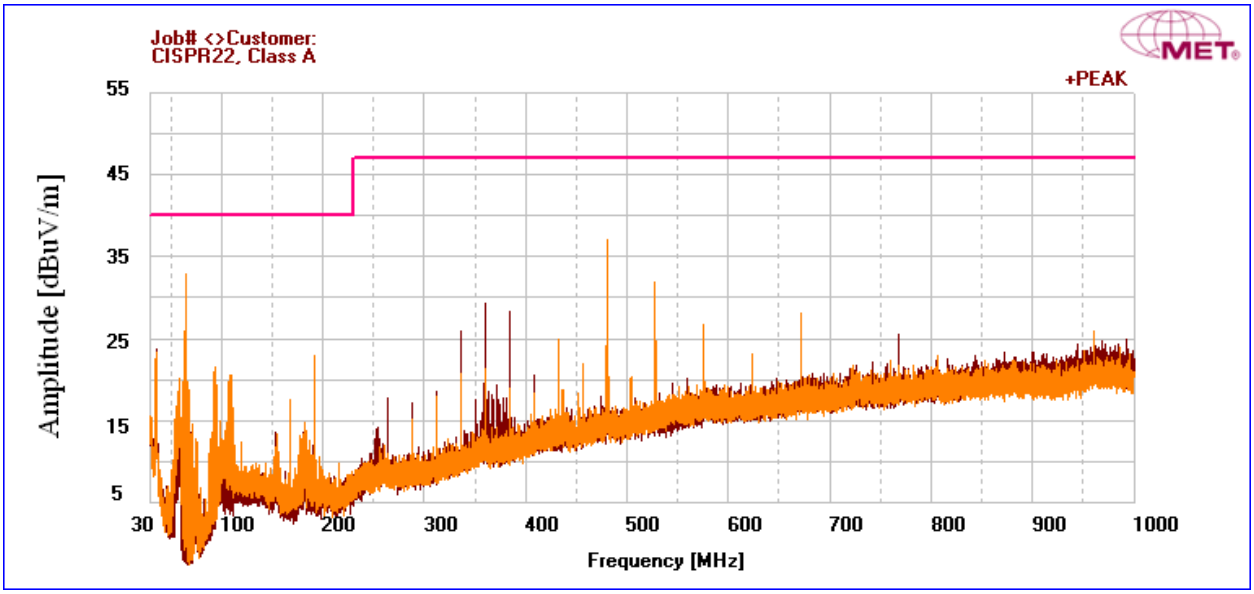

Figure 1. Radiated Emissions (30 MHz – 1 GHz), Plot

Frequency (MHz)	Antenna Polarity	EUT Azimuth (Degrees)	Antenna Height (cm)	Uncorrected Amplitude (dBuV)	ACF (dB/m)	Pre Amp Gain (dB)	CBL (dB)	DCF (dB)	Corrected Amplitude (dBuV)	Limit (dBuV)	Margin (dB)
1000	V	0	100	43.14	27.112	37.5	0	0	32.752	56	-23.248
1151.667	V	0	100	37.38	27.736	37.602	0	0	27.514	56	-28.486
1286.833	V	0	100	35.19	29.111	37.692	0	0	26.609	56	-29.391
1500.167	V	0	100	40.71	28.783	37.835	0	0	31.658	56	-24.342
1750.333	V	0	130.52	46.81	29.369	38.003	0	0	38.176	56	-17.824
2900.333	H	0	100	35.68	32.383	39.358	0	0	28.705	56	-27.295

Table 2. Radiated Emissions (1 - 6 GHz), Average Test Results

Frequency (MHz)	Antenna Polarity	EUT Azimuth (Degrees)	Antenna Height (cm)	Uncorrected Amplitude (dBuV)	ACF (dB/m)	Pre Amp Gain (dB)	CBL (dB)	DCF (dB)	Corrected Amplitude (dBuV)	Limit (dBuV)	Margin (dB)
1000	V	0	100	49.2	27.112	37.5	0	0	38.812	76	-37.188
1151.667	V	0	100	47.67	27.736	37.602	0	0	37.804	76	-38.196
1286.833	V	0	100	44.14	29.111	37.692	0	0	35.559	76	-40.441
1500.167	V	0	100	48.8	28.783	37.835	0	0	39.748	76	-36.252
1750.333	V	0	130.52	51.05	29.369	38.003	0	0	42.416	76	-33.584
2900.333	H	0	100	45.18	32.383	39.358	0	0	38.205	76	-37.795

Table 3. Radiated Emissions (1 - 6 GHz), Peak Test Results

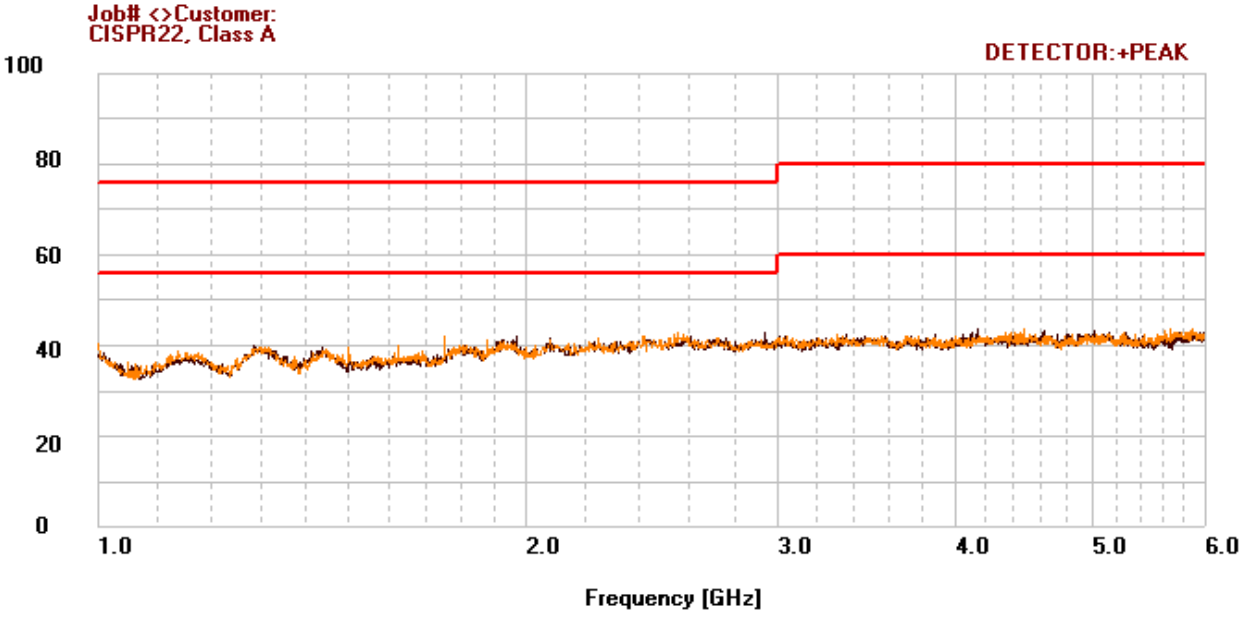

Figure 2. Radiated Emissions (1 - 6 GHz), Average & Peak Test Setup

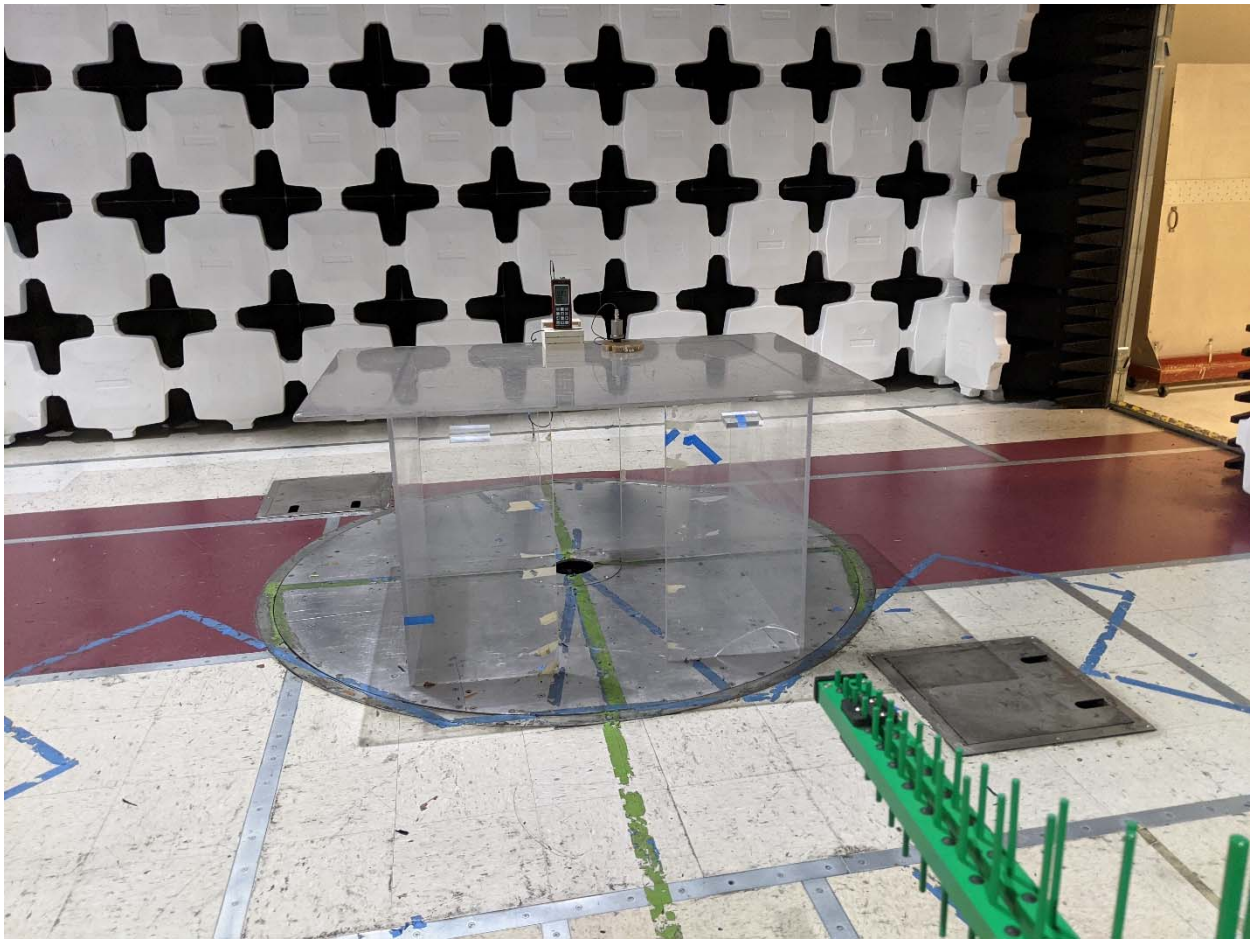

Figure 3. Radiated Emissions (30 MHz – 1 GHz), Plot

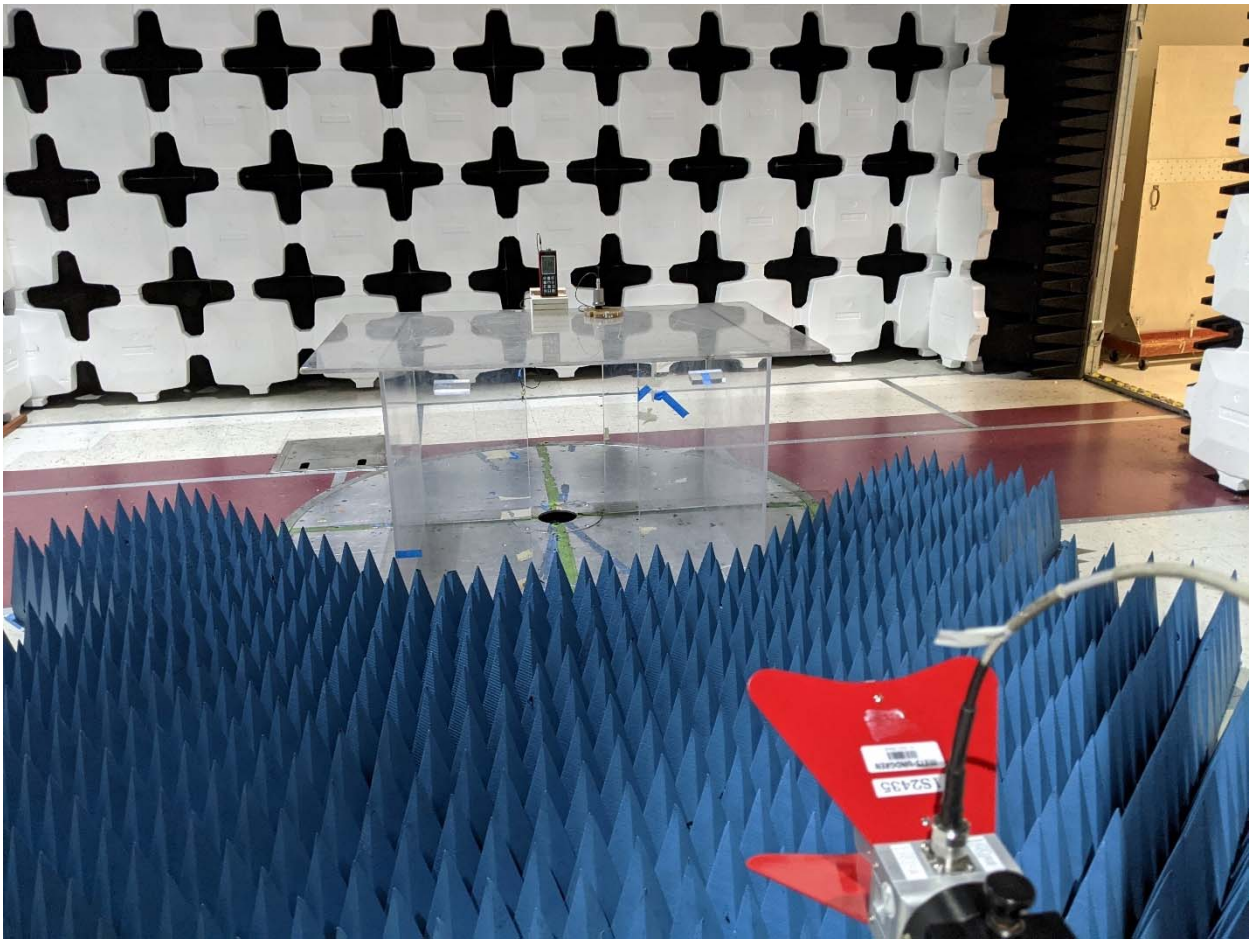

Figure 4. Radiated Emissions (Above 1 GHz), Plot

Calibrated test equipment utilized during testing was maintained in a current state of calibration per the requirements of ISO/IEC 17025:2017.

Test Name: RE			**Test Date(s):** 07/08/2021		
MET Asset #	**Equipment**	**Manufacturer**	**Model**	**Last Cal Date**	**Cal Due Date**
1S2486	5 Meter Chamber Control Room	Panashield	5 Meter Control Room	See Note	See Note
1S4064	Digital Barometer	Control Co	6530	09/15/2020	09/15/2022
1S3926	1MHz step, 1GHz combo generator	Com-power Corp	CGO-501	See Note	See Note
1S3991	Comb Generator	Com-Power	CGO-51000	See Note	See Note
1S3928	EMI Tester Receiver	Rohde & Schwarz	ESR26	03/04/2021	03/04/2022
1S2399	Turntable Controller	SUNOL SCIENCE	SC99V	See Note	See Note
1S2600	Bilog Antenna	Teseq	CBL6112D	05/11/2021	05/11/2023
1U3962	Spectrum Analyzer (PSA)	Keysight/Agilent	E4448A	07/31/2020	07/31/2021
1S2435	Horn Antenna (Medium)	ETS-Lindgren	3117	03/09/2021	03/09/2023
1S2587	Preamplifier	AML Communications	AML0126L3801	See Note	See Note
Note: Functionally tested equipment is verified using calibrated instrumentation at the time of testing.					

Table 4. Radiated Emissions, Test Equipment

4.0 Electromagnetic Compatibility Immunity Criteria

4.1 Electrostatic Discharge

Test Method: **EN 61000-4-2:2009**
Electrostatic Discharge Immunity Test

Test Requirement: The following standards specified below are covered in the scope of this section of the test report:

- EN 61326-1:2013

The EUT shall be tested with air discharges of up to ±8 kV applied to non-conductive surfaces, and to contact discharges of up to ±4 kV, applied to conductive surfaces of the EUT, HCP and the VCP.

Test Procedure: The EUT was placed on a table, 80 cm above the ground plane. The measurements were performed using normal operation of the equipment and in accordance with EN 61000-4-2. A horizontal coupling plane (HCP), 1.6 m x 0.8 m, was placed on the table. The EUT and cables were isolated from the coupling plane by an insulating support 0.5 mm thick. Air discharges of up to ±15 kV were applied to non-conductive surfaces. Contact discharges of ±8 kV were applied to conductive surfaces of the EUT and the HCP and VCP. Discharges were applied at least ten times to each selected discharge point at each polarity with a minimum time between discharges of 1s. The functionality of the EUT was determined during and after each discharge. Photographs of the test equipment are provided below.

Test Results:

Test Standard:	EN 61326-1:2013 Class A
Test Name	Electrostatic Discharge
Test Dates:	07/09/2021
Laboratory	Eurofins Electrical and Electronic Testing NA, Inc.
Test Engineer:	Alex Chen
Test Results:	Compliant
Performance Criteria	A

Test Summary

Discharge Type	Test Voltage (±kV)	Results						Anomalies
		Front	Rear	Left	Right	Top	Bottom	
HCP (Tabletop EUT only)	4	Pass	Pass	Pass	Pass	Pass	Pass	None
VCP	4	Pass	Pass	Pass	Pass	Pass	Pass	None
Contact Discharge	2	Pass	Pass	Pass	Pass	Pass	Pass	None
	4	Pass	Pass	Pass	Pass	Pass	Pass	None
Air Discharge	2	Pass	Pass	Pass	Pass	Pass	Pass	None
	4	Pass	Pass	Pass	Pass	Pass	Pass	None
	6	Pass	Pass	Pass	Pass	Pass	Pass	None
	8	Pass	Pass	Pass	Pass	Pass	Pass	None

Test Data

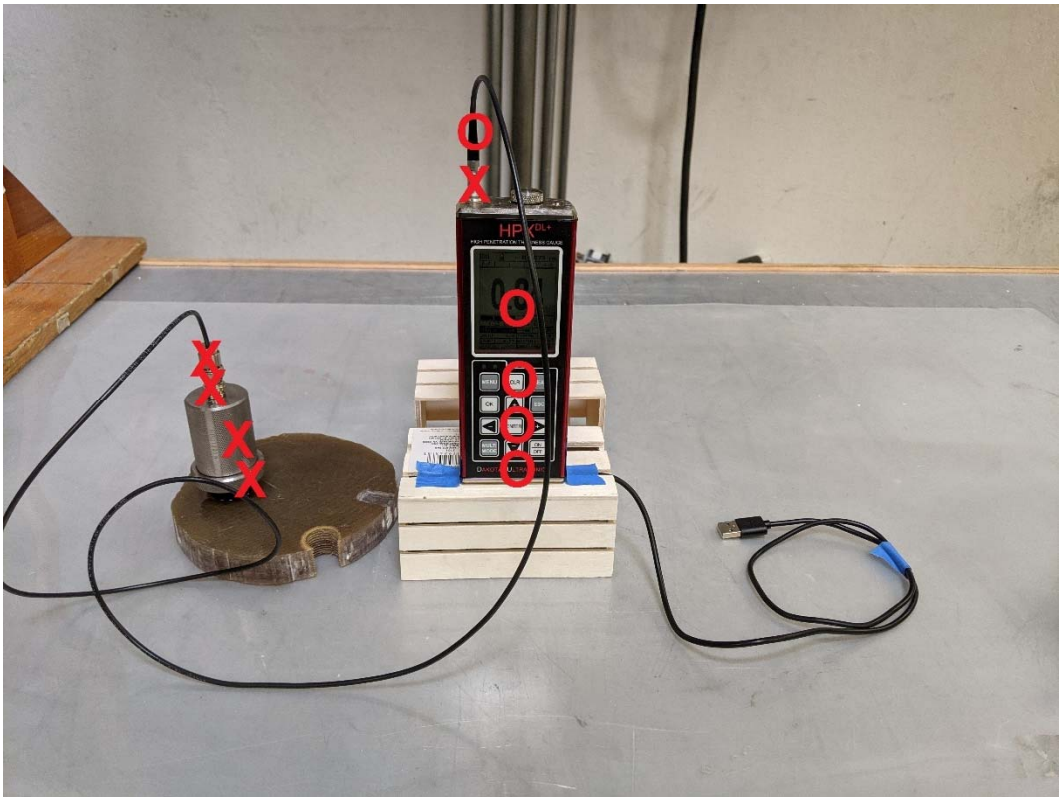

Figure 5. Electrostatic Discharge, Front Test Point

X = Contact Discharge Test Points
O = Air Discharge Test Points

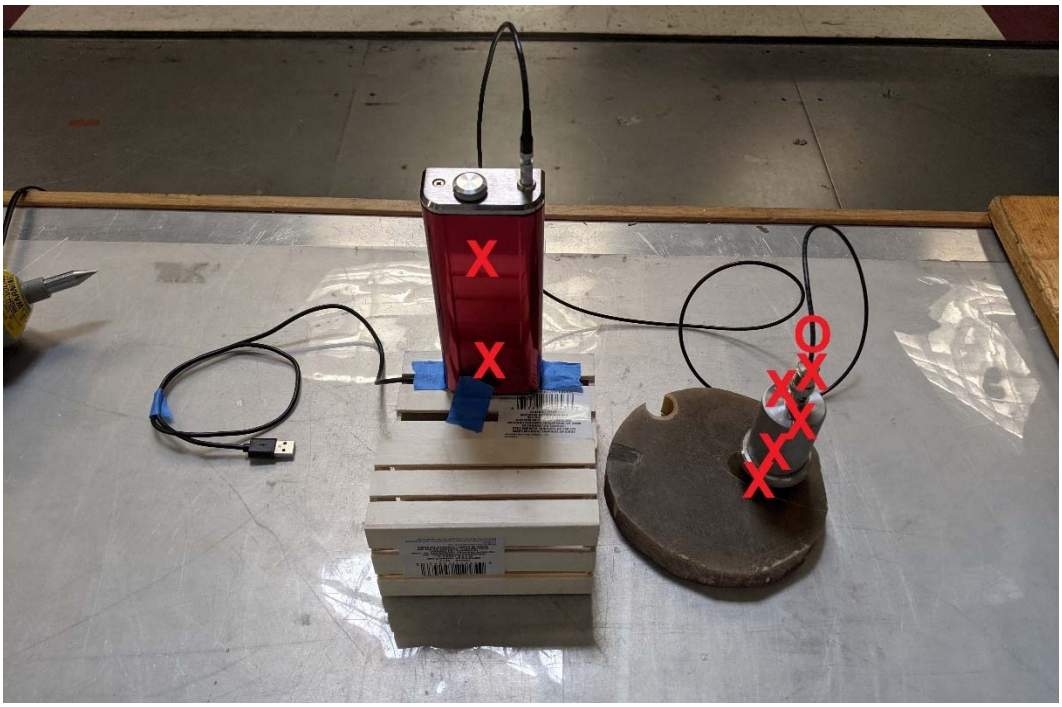

Figure 6. Electrostatic Discharge, Rear Test Point

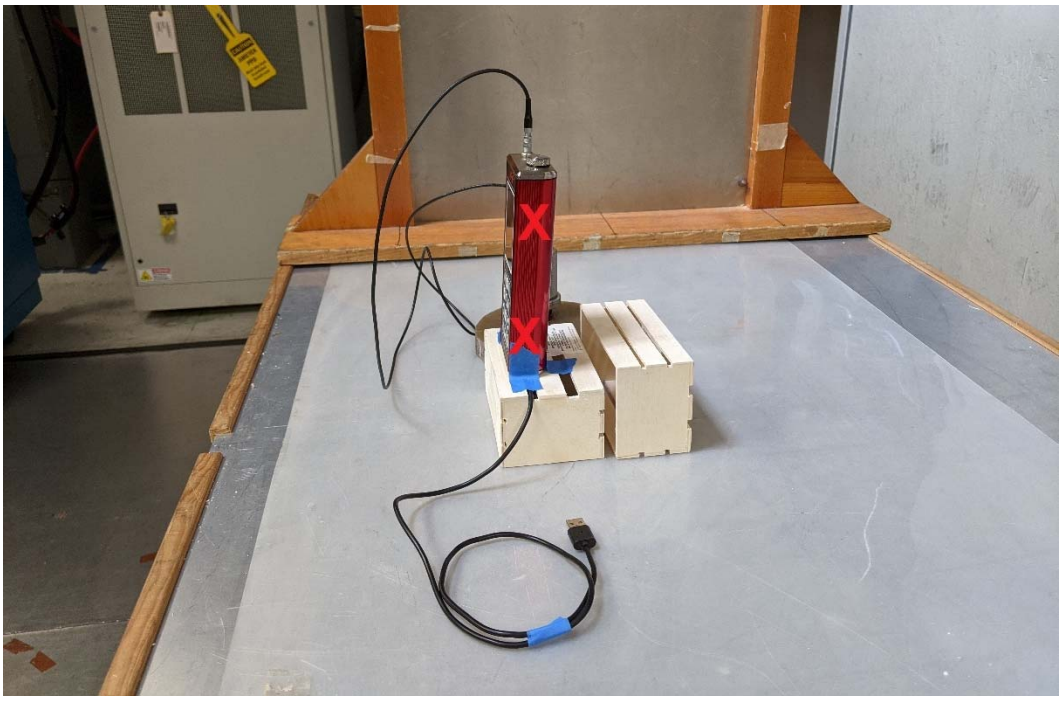

Figure 7. Electrostatic Discharge, Left Test Point

X = Contact Discharge Test Points
O = Air Discharge Test Points

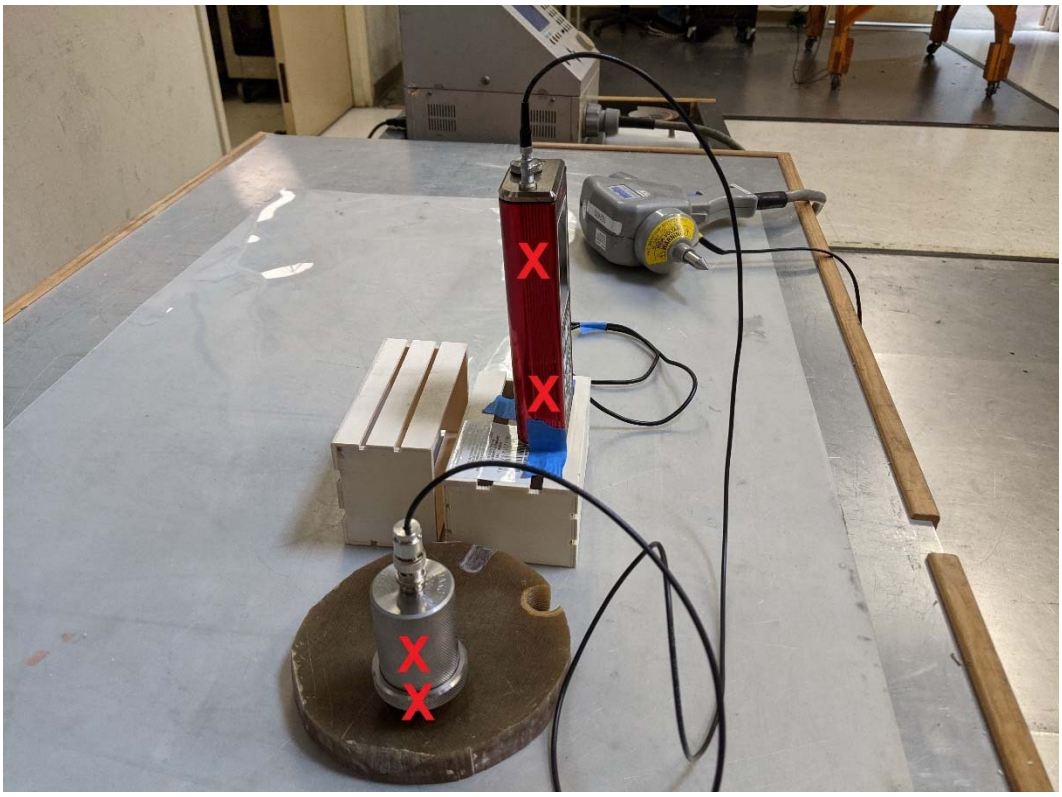

Figure 8. Electrostatic Discharge, Right Test Point

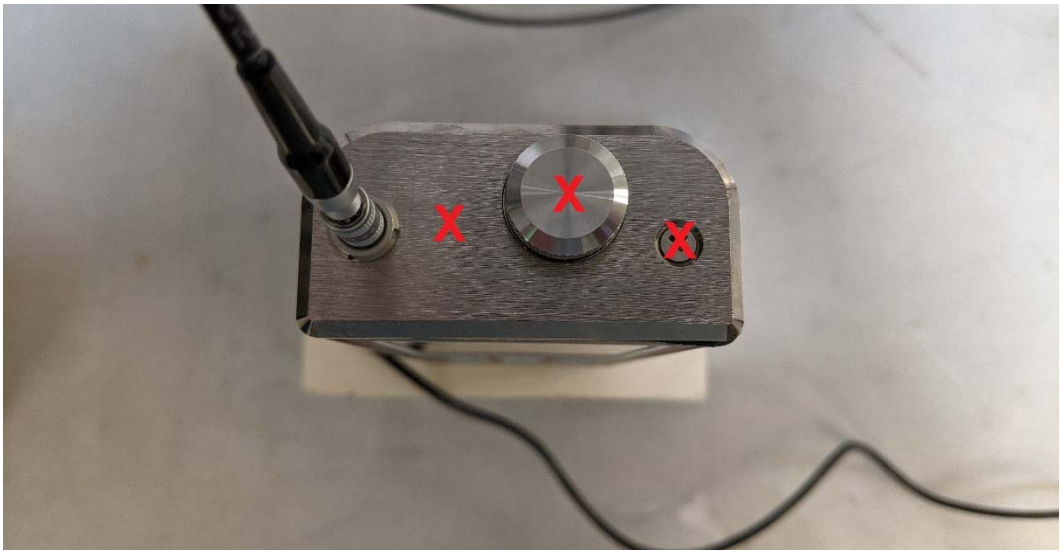

Figure 9. Electrostatic Discharge, Top Test Point

X = Contact Discharge Test Points
O = Air Discharge Test Points

Figure 10. Electrostatic Discharge, Bottom of EUT Test Point

X = Contact Discharge Test Points
O = Air Discharge Test Points

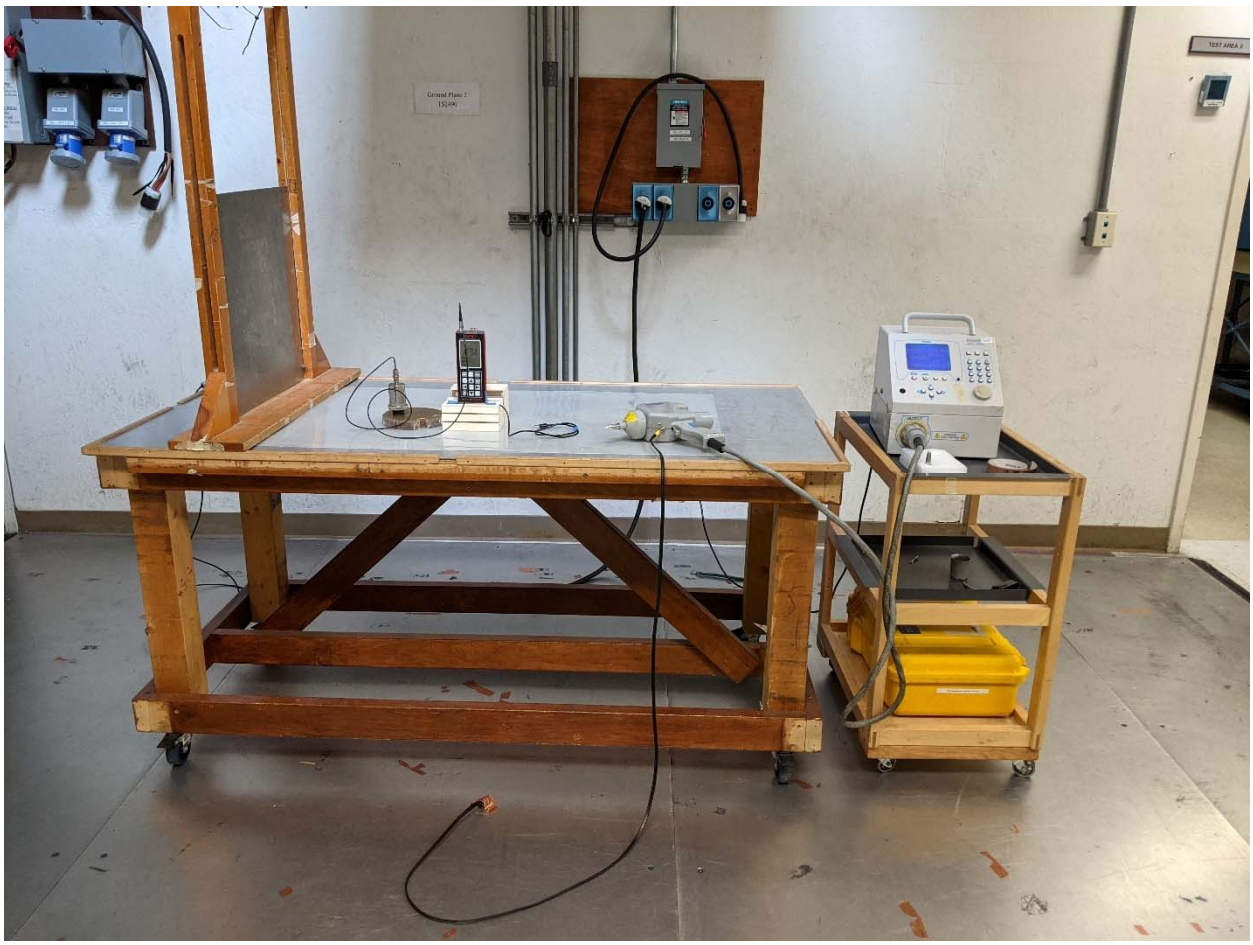

Figure 11. Electrostatic Discharge, Test Setup

Calibrated test equipment utilized during testing was maintained in a current state of calibration per the requirements of ISO/IEC 17025:2017.

Test Name: ESD			**Test Date(s):** 07/09/2021		
MET Asset #	**Equipment**	**Manufacturer**	**Model**	**Last Cal Date**	**Cal Due Date**
1S2490	Ground Plane 2	MET LABS	N/A	Not Required	Not Required
1S4066	Digital Barometer	Control Co	6530	09/16/2020	09/16/2022
1S2470	Electrostatic Discharge Gun & Simulator	NoiseKen	TC-815R & ESS-2000	02/15/2021	02/15/2022
1U0332	4GHz Oscilloscope	Tektronix	TDS 7404	01/29/2021	01/29/2022
1S2458	ESD Target	ESD PARTNER	ESD TARGET -1	See Note	Func Verify
Note: Functionally tested equipment is verified using calibrated instrumentation at the time of testing.					

Table 5. Electrostatic Discharge, Test Equipment

4.2 Radio Frequency Electromagnetic Field

Test Method: **EN 61000-4-3:2013 +A1:2008 +A2:2010**
Radiated, Radio-Frequency, Electromagnetic Field Immunity Test

Test Requirement: The following standards specified below are covered in the scope of this section of the test report:

- EN 61326-1:2013

The EUT must not be susceptible to a radiated electromagnetic field of 3 V/m, 80% amplitude modulated, in the swept frequency range 80 MHz to 2.7 GHz.

Test Procedure: Testing was performed in a semi-anechoic chamber as recommended by EN 61000-4-3. The EUT was placed on a non-metallic table, 80 cm above the ground plane in the area of field uniformity. The radiating antenna was placed 2 m in front of the EUT . Support equipment for the EUT was located outside of the test room. The amplitude, frequency, and dwell time of the radiated interference was controlled by an automated, computer-controlled system.

The signal source was stepped through the applicable frequency range at a rate no faster than 1% of the fundamental. The signal was amplitude modulated 80% over the frequency range 80 MHz to 2.7 GHz at a level of 3 V/m. The dwell time was set at 1 s. Field presence was monitored during testing via a field probe placed in close proximity to the EUT. Throughout testing, the EUT was closely monitored for signs of susceptibility. The test was performed with the antennae oriented in both a horizontal and vertical polarization. Photographs of test setup are presented below.

Test Results:

Test Standard:	EN 61326-1:2013 Class A
Test Name	Radiated Immunity
Test Dates:	07/08/2021
Laboratory	Eurofins Electrical and Electronic Testing NA, Inc.
Test Engineer:	Alex Chen
Test Results:	Compliant
Performance Criteria	A

Test Summary

Port	Test Description	Specification	Test Level Required	Test Level Achieved	Performance Criteria Achieved	Compliance
Enclosure	RI	EN 61000-4-3: 2006 +A1:2008 +A2:2010	80-1000 MHz at 3 V/m 1.4-2 GHz at 3 V/m 2-2.7 GHz at 1 V/m	80-1000 MHz at 3 V/m 1.4-2 GHz at 3 V/m 2-2.7 GHz at 1 V/m	A	**Compliant**

Test Data

Start Frequency (MHz)	Stop Frequency (MHz)	Severity (V/m)	Polarity (H/V)	Modulation (Freq & Type)	Results			
					Front	Back	Left	Right
80	1000	3	V	1 kHz, 80%AM	Pass	Pass	Pass	Pass
80	1000	3	H	1 kHz, 80%AM	Pass	Pass	Pass	Pass
1400	2000	3	V	1 kHz, 80%AM	Pass	Pass	Pass	Pass
1400	2000	3	H	1 kHz, 80%AM	Pass	Pass	Pass	Pass
2000	2700	1	V	1 kHz, 80%AM	Pass	Pass	Pass	Pass
2000	2700	1	H	1 kHz, 80%AM	Pass	Pass	Pass	Pass

Table 6. Radiated Immunity, Test Results

EN 61326-1 (If the EUT is telecommunications terminal equipment having voice interface or EUT is facsimile.)				
FOKI Frequency (MHz)	Polarity	Severity (V/m)	Results	Remarks
80	V&H	3	Pass	None
120	V&H	3	Pass	None
160	V&H	3	Pass	None
230	V&H	3	Pass	None
434	V&H	3	Pass	None
460	V&H	3	Pass	None
600	V&H	3	Pass	None
863	V&H	3	Pass	None
900	V&H	3	Pass	None

EN 61326-1 (Always Required)				
FOKI Frequency (MHz)	Polarity	Severity (V/m)	Results	Remarks
1800	V&H	3	Pass	None
2600	V&H	3	Pass	None
3500	V&H	3	Pass	None
5000	V&H	3	Pass	None

Table 7. Radiated Immunity (FOKI), Test Results

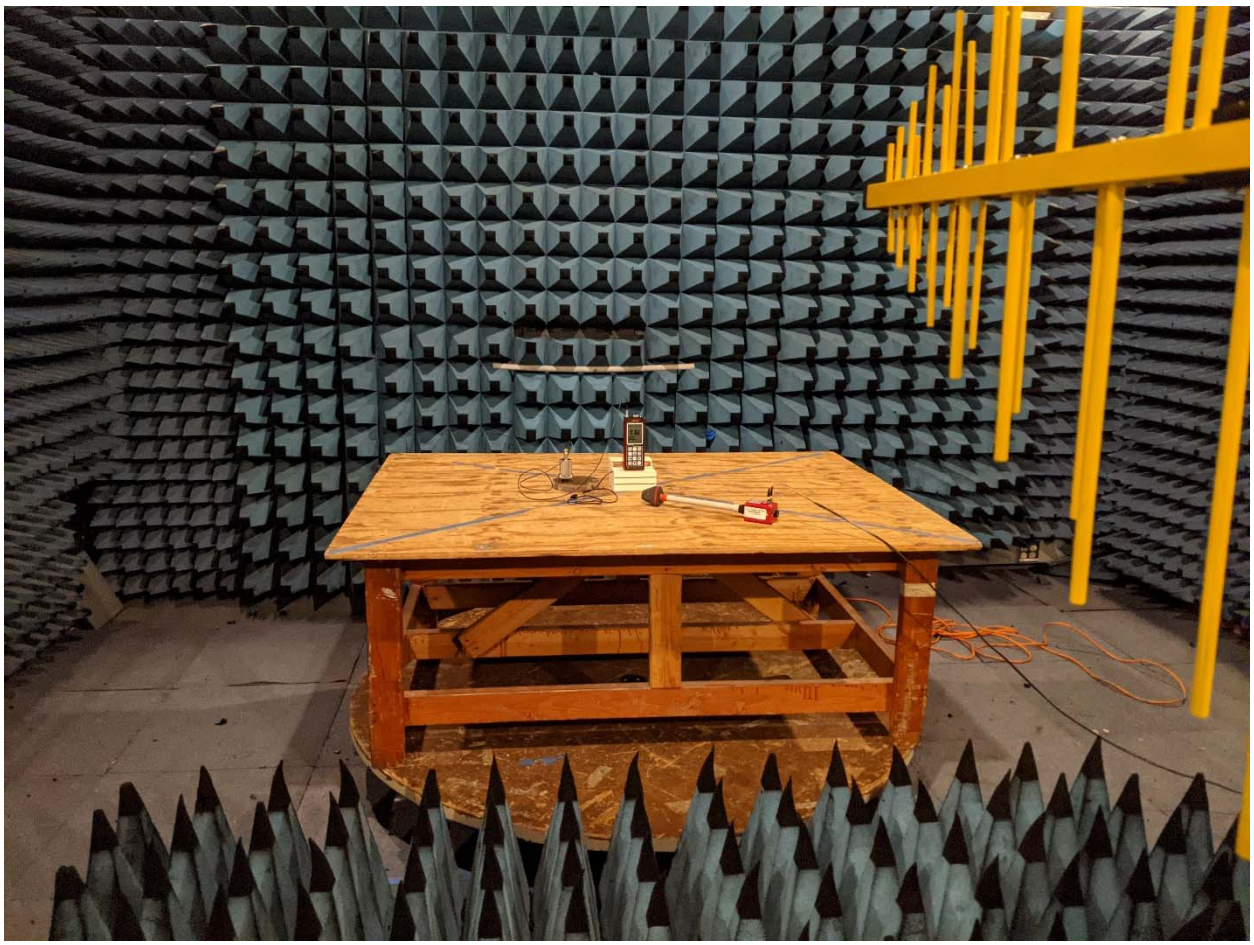

Figure 12. Radiated Immunity (80 MHz – 1 GHz), Test Setup

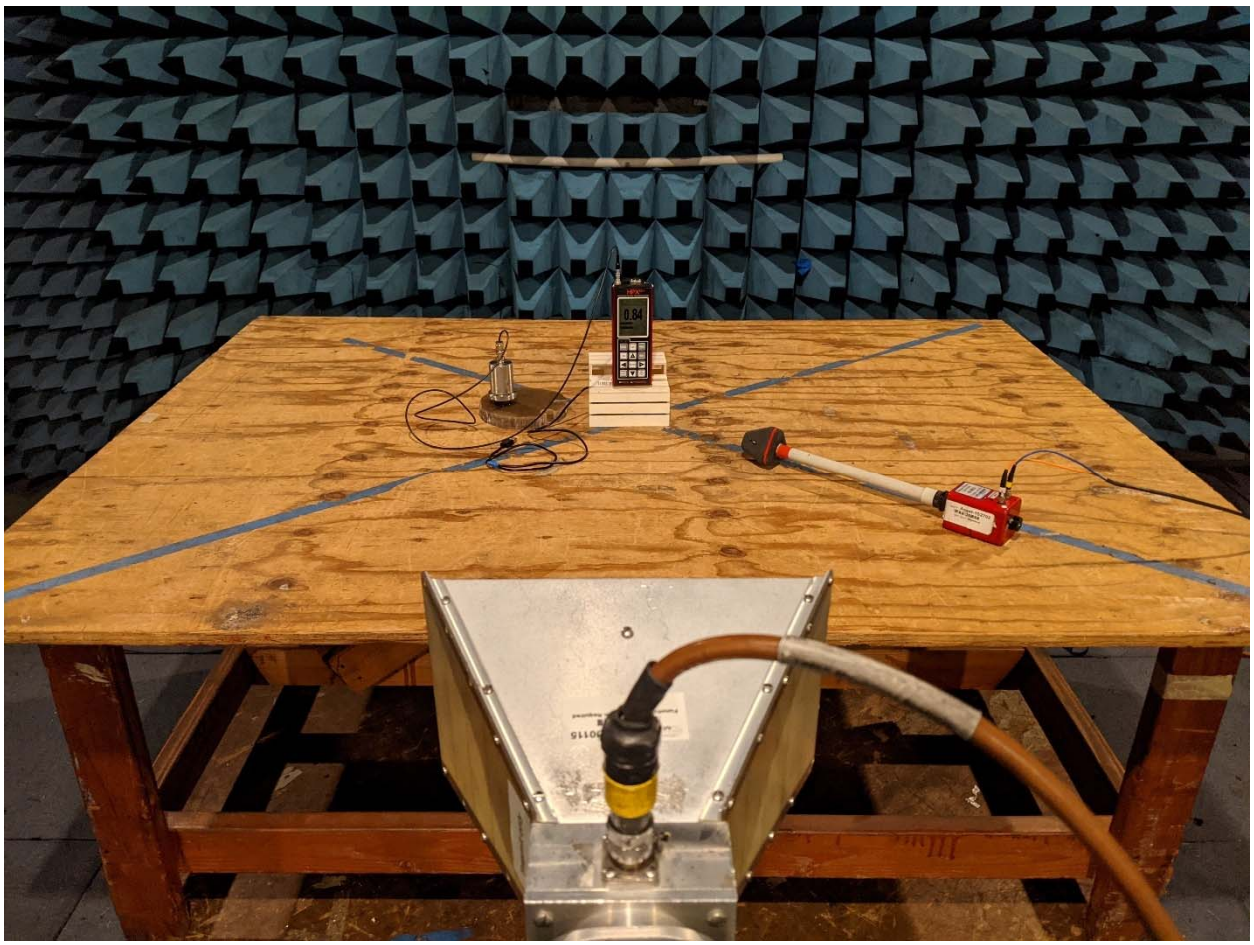

Figure 13. Radiated Immunity (Above 1 GHz), Test Setup

Calibrated test equipment utilized during testing was maintained in a current state of calibration per the requirements of ISO/IEC 17025:2017.

Test Name: RI (EN 61326-1)			**Test Date(s):** 07/08/2021		
Asset #	**Equipment**	**Manufacturer**	**Model**	**Last Cal Date**	**Cal Due Date**
1S2264	Radiated Immunity Chamber	LINDGREN	N/A	See Note	See Note
1S4068	Digital Barometer	Control Co	6530	08/03/2020	08/03/2022
1S2702	Isotropic Electric Field Probe	ETS-Lindgren	HI-6053	03/16/2021	03/16/2022
1S2780	EMC Hardened Camera and Power Supply Module	Pontis EMC Products	HDCam70301 V4.0	See Note	See Note
1S2781	Camera Controller	Pontis EMC Products	HDCon4101	See Note	See Note
1S2430	POWER METER	ANRITSU	ML2488A	04/01/2021	04/01/2022
1S3912	Power Monitor Sensor WCDMA	Anritsu	MA2491A	11/14/2019	11/14/2021
1U3927	Microwave Signal Generator	Rohde & Schwarz	SMF100A	01/27/2020	07/27/2021
1S3873	Amplifier	Amplifier Research	1000W1000E	See Note	See Note
1S2771	Directional Coupler	Mismatch Tolerant	C3908-714	See Note	See Note
1S3872	Amplifier	Amplifier Research	80/20S1G8	See Note	See Note
1U0040	Antenna, Biconilog	Schaffner	CBL6140A	See Note	See Note
1U0115	Antenna, Horn	EMCO	3115	See Note	See Note
Note: Functionally tested equipment is verified using calibrated instrumentation at the time of testing.					

Table 8. Radiated Immunity, Test Equipment

END OF REPORT