

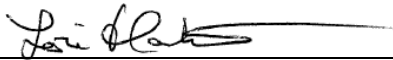
**Element Materials Technology Denver-Longmont
A.K.A. NTS Labs, LLC
Test Report for Electromagnetic Interference (EMI)
Testing of the Vx Mark**

Prepared For

SLI Compliance | 4720 Independence Street | Wheat Ridge, CO 80033

Prepared By

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Revision History

Rev.	Description	Issue Date
0	Initial Release	10/30/2025
1	Corrected test specification in Section 5.2	07/23/2026

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1.0 Introduction

This document presents the test procedures used and the results obtained during the performance of an Electromagnetic Interference (EMI) test program at Element Materials Technology Denver-Longmont (hereafter referred to as “Element”). The test program was conducted to assess the ability of the specified Equipment Under Test (EUT) to successfully satisfy the requirements defined in the test specification.

2.0 References

The following references listed below form a part of this document to the extent specified herein.

- Test Specification: See Table 5.0-1
- SLI Compliance Purchase Order 20250917-02 dated 09/17/2025
- Element Quotation OP0679042 dated 09/11/2025
- ISO/IEC 17025:2017(E) *General Requirements for the Competence of Testing and Calibration Laboratories*, dated 11/2017

3.0 Product Selection and Description

SLI Compliance selected and provided the following test sample(s) to be used as the Equipment Under Test.

Table 3.0-1: Product Identification – Equipment Under Test (EUT)

Item	Qty.	Name/Description	Part Number	Serial Number
1	1	Vx Mark	V4.0.0	MK-11-004
2	1	APC Battery Backup	BE850G2	0B2408L43198
3	1	Sip and Puff	AC-0300-AV1V2	7855
4	1	ATI Pad	ATI	CNGKPDAA1011539
5	1	Lorelei Headphones	Lorelei	N/A

3.1 Security Classification

Non-classified

4.0 General Test Requirements

4.1 Test Equipment

The instrumentation used in the performance of these tests is periodically calibrated and standardized within manufacturer's rated accuracies and are traceable to the National Institute of Standards and Technology. The calibration procedures and practices are in accordance with ISO 17025:2017. Certification of calibration is on file subject to inspection by authorized personnel.

4.2 Measurement Uncertainties

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below were calculated using the approach described in CISPR 16-4-2:2003 using a coverage factor of $k=2$, which gives a level of confidence of approximately 95%. The levels were found to be below levels of CISPR and therefore no adjustment of the data for measurement uncertainty is required.

Table 4.2-1: Measurement Uncertainties (Emissions)

Measurement Type	Measurement Unit	Frequency Range	Expanded Uncertainty
Conducted Emissions	dBuA	150kHz to 30MHz	.+/- 3.75 dB
Radiated Emissions	dBuV/m	30MHz to 1GHz	.+/- 6.32 dB
		1GHz to 6GHz	.+/- 9.59 dB
		6GHz to 18GHz	.+/- 7.58 dB
		18GHz to 40GHz	.+/- 6.08 dB

5.0 Test Description and Results

Table 5.0-1: Summary of Test Information & Results

Section	Test	Specification	Test Facility	Test Date	Part #	Serial #	Test Result
5.1	Radiated Emissions, 30 MHz - 1 GHz	FCC Part 15. Subpart B, Class B.	Longmont	10/20/2025	V4.0.0	MK-11-004	Passed
					BE850G2	0B2408L43198	
					AC-0300-AV1V2	7855	
					ATI	CNGKPDAA1011539	
					Lorelei	N/A	
5.2	Radiated Emissions, 1 GHz - 12 GHz	FCC Part 15. Subpart B, Class B	Longmont	10/20/2025	V4.0.0	MK-11-004	Passed
					BE850G2	0B2408L43198	
					AC-0300-AV1V2	7855	
					ATI	CNGKPDAA1011539	
					Lorelei	N/A	
5.3	Conducted Emissions, 150 kHz - 30 MHz	FCC Part 15. Class B	Longmont	10/21/2025	V4.0.0	MK-11-004	Passed
					BE850G2	0B2408L43198	
					AC-0300-AV1V2	7855	
					ATI	CNGKPDAA1011539	
					Lorelei	N/A	

The decision rule for Test Results was based on the Test Specification used for testing.

5.1 Radiated Emissions, 30 MHz - 1 GHz

5.1.1 Test Procedure

The EUT was tested in accordance with FCC Part 15. Subpart B, Class B.

5.1.2 Test Result

The EUT passed the defined requirements.

5.1.3 Test Datasheets

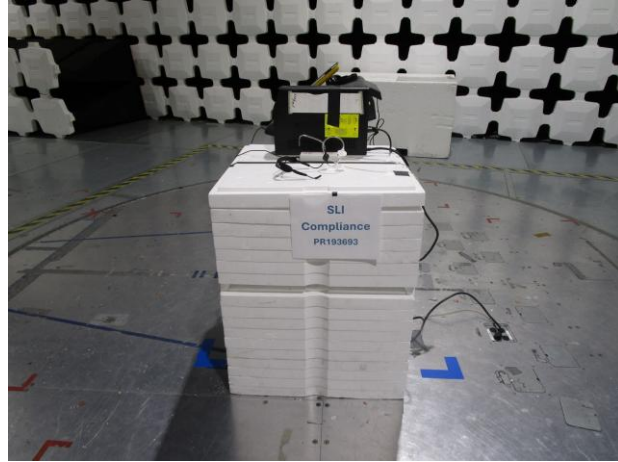
Element Materials Technology				
Radiated Emissions				
Standard Referenced: FCC Part 15, Class B		Date: 10/20/2025		
Temperature: 23°C	Humidity: 25%	Pressure: 835 mb		
Input Voltage: 120Vac/60Hz		Pretest & Linearity Check: Pass		
Configuration of Unit: Normal Operations		Sweep Time Check: Ok		
Test Engineer / Technician: T. Wittig				
Date	Time	Log Entries	Initials	Result
10/20/2025	0705	Performed RE pre-test verification and ambient scans	TW	Complete
	0726	Client arrived and started by modifying EUT for RE testing	TW	Complete
	1138	Begin Radiated Emissions, 30 MHz 1 GHz. FCC Part 15. Subpart B, Class B	TW	---
	1301	Completed RE testing	TW	Pass

Element Materials Technology	
Radiated Emissions	
Standard Referenced: FCC Part 15, Class B	Date: 10/20/2025
Temperature: 23°C Humidity: 25%	Pressure: 835 mb
Input Voltage: 120Vac/60Hz	Pretest & Linearity Check: Pass
Configuration of Unit: Normal Operations	Sweep Time Check: Ok
Test Engineer / Technician: T. Wittig	
"Type" refers to the type of measurement performed. The type of measurement made is based on the requirements of the particular standard: PK = Peak Measurement: RBW is 120kHz, VBW is 3 MHz QP = Quasi-Peak Measurement: RBW is 120kHz, VBW is 3 MHz, and QP Detection is ENABLED AV = Video Average Measurement: RBW is 1 MHz, VBW is 10 Hz The "field strength" (FS) emissions level is attained by adding the received amplitude measured (RA), Antenna factor (AF), and cable factor (CF) minus the amplifier gain (AG). $FS = RA + AF + CF - AG$. Final measurements are made with the Azimuth, Polarity, Height, and EUT Cables positioned for maximum radiation. If applicable, cables positions are noted in the test log. (Sample Calculation: $49.6 \text{ dBuV} + 11.4 \text{ dB/m} - 28.8 \text{ dB (CF/AG)} = 32.2 \text{ dBuV/m}$. Important Note: This is a sample calculation only for the purpose of demonstration, and does not reflect data in this report.) The "Azm/Pol/Hgt" indicates the turn-table azimuth, the antenna polarity, and the antenna height where the maximum emissions level was measured. The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit. The PRESCAN is a peak measurement and is performed with the RBW set to 120 kHz, VBW set to 3 MHz (30 MHz to 1 GHz), and the RBW set to 1 MHz, VBW set to 3MHz (> 1 GHz) The Antenna setup for >1GHz should match the setup that was used to meet SVSWR requirements. Refer to the SVSWR report stored in the calibration records for the chamber being used.	

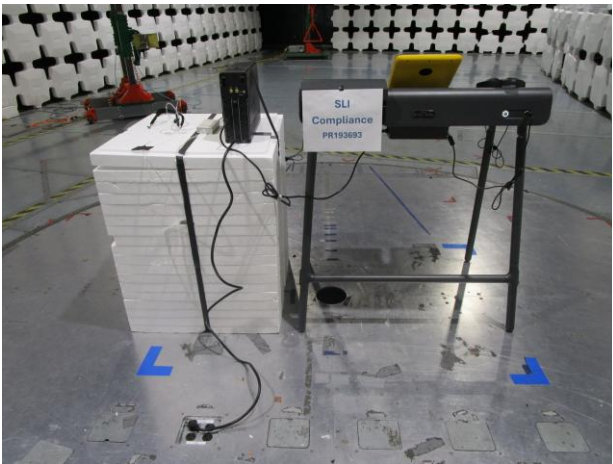
5.1.4 Test Photographs



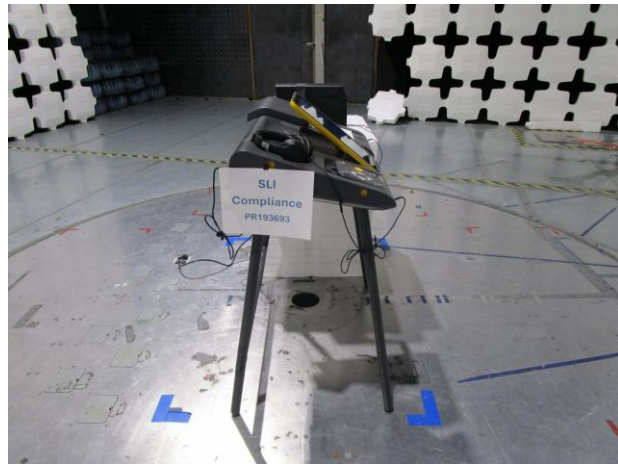
RE Test Setup Photos - Front



RE Test Setup Photos - Right



RE Test Setup Photos - Back



RE Test Setup Photos - Left

5.1.5 Test Data

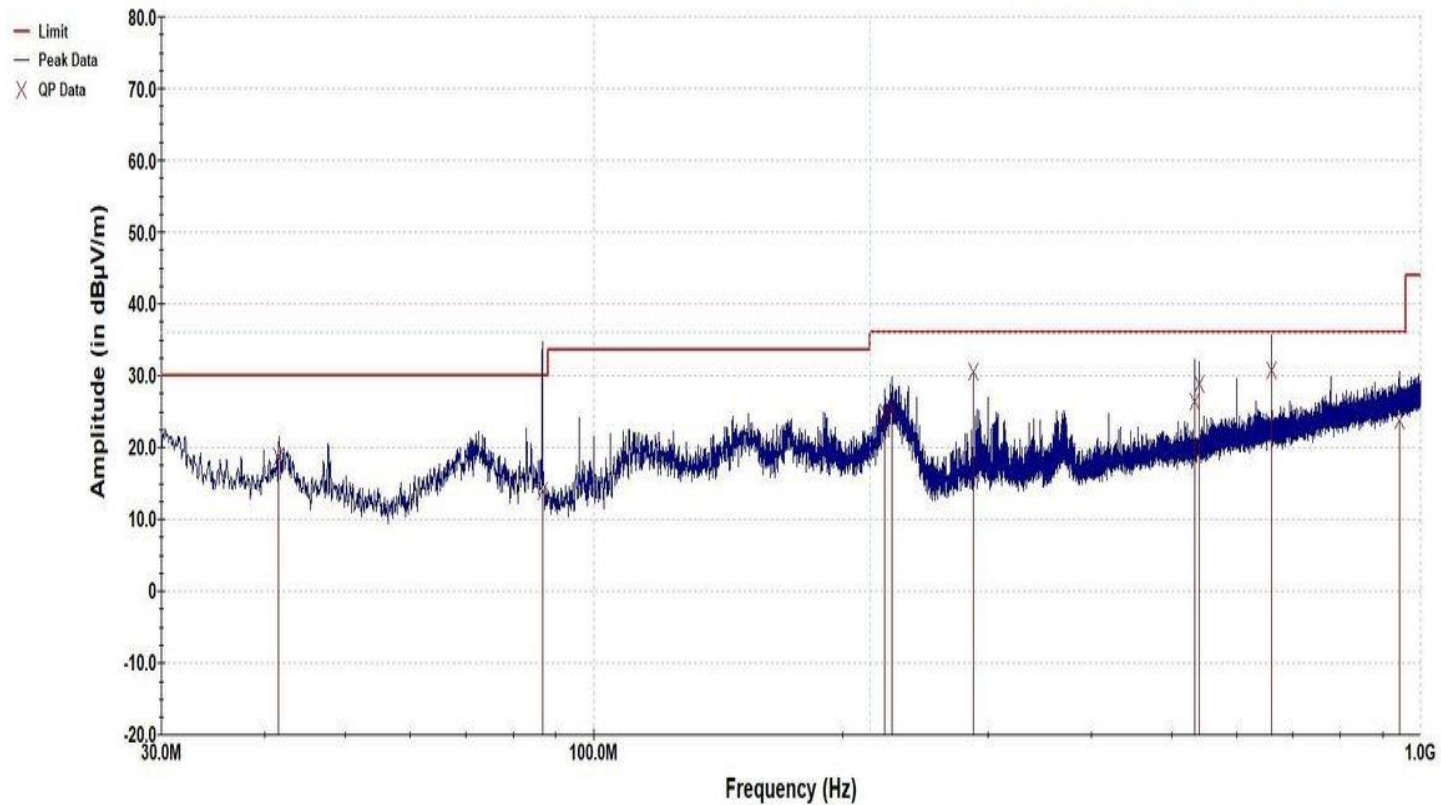
Standard/Limit:
FCC Part 15, Subpart B, Class B
120Vac/60Hz

Radiated Emissions
Peak and Quasi-peak Measurements
Graph Vertical Data

EUT - VxMark (V4.0.0) + APC

Serial # - MK-11-004 + 0B2408L43198

Mode of Operation - Normal Operations



Operator: T. Wittig

Customer: SLI Compliance

Last Data Update 01:22:18 PM, Monday, October 20, 2025

PR#: PR193693

Vertical Data Graph

Radiated Emissions
Quasi-peak Measurements
Table: Vertical Quasi-peaks below 1 GHz

Operator: T. Wittig

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Customer: SLI Compliance

Frequency (MHz)	QP (in dBuV)	Delta QP to Limit (in dBuV)	Height (in cm)	Azimuth (in Degrees)
41.530 MHz	18.701	-11.299	111	154
86.690 MHz	13.875	-16.125	138	242
224.630 MHz	24.847	-11.173	138	345
229.290 MHz	25.434	-10.586	102	158
288.010 MHz	30.496	-5.524	100	97
533.380 MHz	26.503	-9.517	401	135
540.050 MHz	28.885	-7.135	301	5
660.050 MHz	30.836	-5.184	237	312
942.810 MHz	23.684	-12.336	371	26
Standard/Limit:				
FCC Part 15, Subpart B, Class B				
120Vac/60Hz				

Vertical Quasi-Peak Data Table

Standard/Limit:
FCC Part 15, Subpart B, Class B
120Vac/60Hz

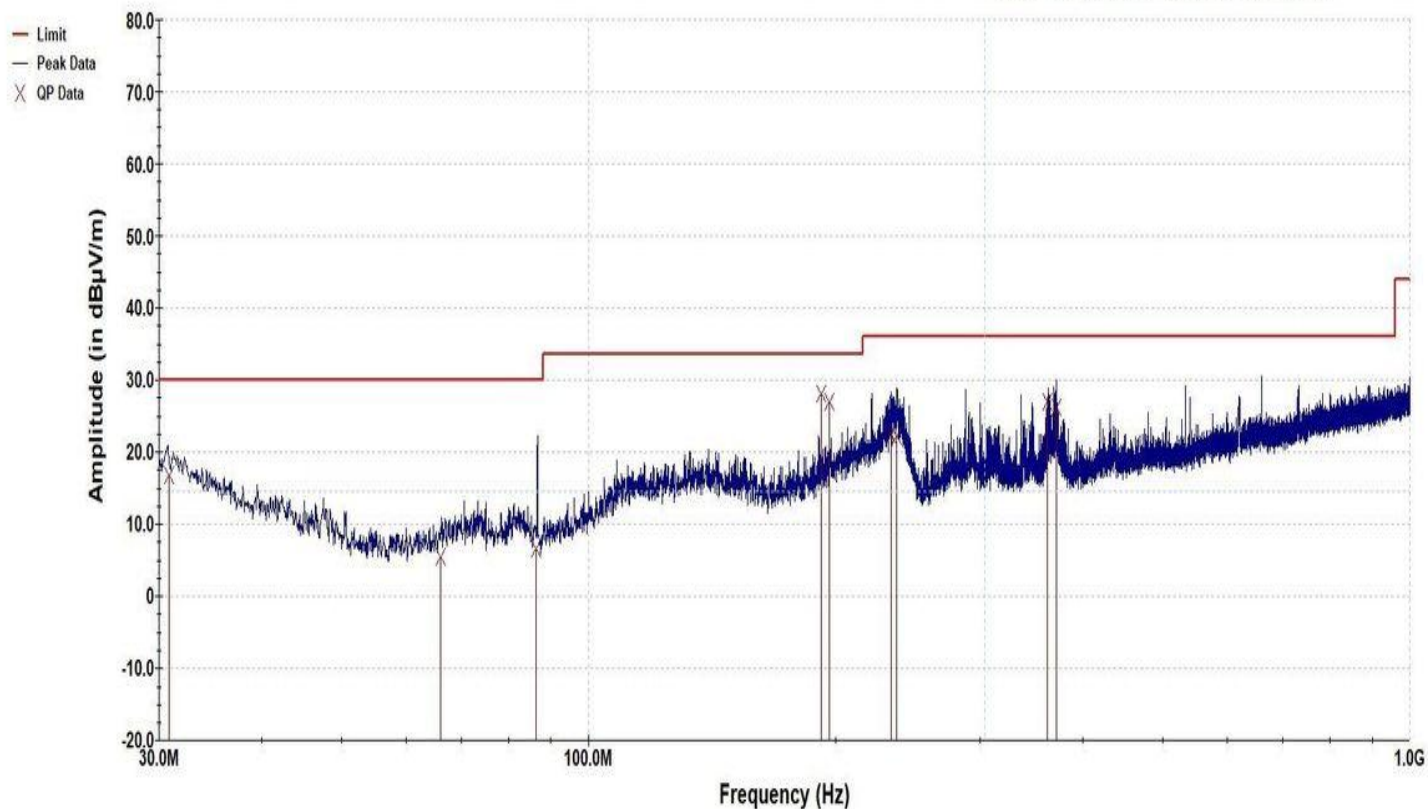
Radiated Emissions

Peak and Quasi-peak Measurements
Graph Horizontal Data

EUT - VxMark (V4.0.0) + APC

Serial # - MK-11-004 + 0B2408L43198

Mode of Operation - Normal Operations



Operator: T. Wittig

Customer: SLI Compliance

Last Data Update 12:40:02 PM, Monday, October 20, 2025

PR#: PR193693

Horizontal Data Graph

Radiated Emissions
Quasi-peak Measurements
Table: Horizontal Quasi-peaks below 1 GHz

Operator: T. Wittig

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Customer: SLI Compliance

Frequency (MHz)	QP (in dBuV)	Delta QP to Limit (in dBuV)	Height (in cm)	Azimuth (in Degrees)
30.870 MHz	16.839	-13.161	401	84
66.050 MHz	5.518	-24.482	388	333
86.350 MHz	6.657	-23.343	169	97
192.010 MHz	28.053	-5.467	401	243
196.610 MHz	26.923	-6.597	381	273
233.410 MHz	22.351	-13.669	307	270
236.950 MHz	22.248	-13.772	311	245
361.650 MHz	26.863	-9.157	240	50
371.550 MHz	26.263	-9.757	290	165
Standard/Limit:				
FCC Part 15, Subpart B, Class B				
120Vac/60Hz				

Horizontal Quasi-Peak Data Table

5.1.6 Test Equipment List

Table 5.1-1: Radiated Emissions, 30 MHz - 1 GHz Test Equipment List

Asset Number	Asset Type	Manufacturer	Model	Calibrated	Due
US58-A059421	EMI Chamber	CIR Enterprises	10M2	02/12/2024	02/12/2026
US58-A076859	Ballistic Equipment	Rohde & Schwarz	ESW44	01/24/2025	01/24/2026
US58-A059431	Electrical Equipment or Standards	Sunol Sciences	SC110V	NCR	NCR
US58-A059739	Electrical Equipment or Standards	Sunol Sciences	JB1	06/30/2025	06/30/2026
WC078468	Software	ETS-Lindgren	C47213	NCR	NCR
WC076870	Cable (Test)	Pasternack Enterprises	RF Coaxial Cable (20 meters)	07/24/2024	07/24/2026
WC076923	Cable (Test)	Teledyne-taber	RF Coaxial Cable (2 meters)	07/09/2024	07/10/2026
WC076925	Cable (Test)	Teledyne-taber	3 M RF Coax Cable	10/21/2024	10/21/2026
US58-A059621	Electric Meter/Datalogger	Fluke	87 V	06/11/2025	06/11/2026
US58-A078487	Electric Meter/Datalogger	Extech Instruments	42270	09/15/2025	09/30/2026

Calibration Abbreviations

CAL: Calibration

NCR: No Calibration Required

5.2 Radiated Emissions, 1 GHz - 12 GHz

5.2.1 Test Procedure

The EUT was tested in accordance with FCC Part 15. Subpart B, Class.B

5.2.2 Test Result

The EUT passed the defined requirements.

5.2.3 Test Datasheets

Element Materials Technology				
Radiated Emissions				
Standard Referenced:		FCC Part 15. Subpart B, Class B	Date: 10/20/2025	
Temperature: 23°C		Humidity: 25%	Pressure: 835 mb	
Input Voltage: 120Vac/60Hz		Pretest & Linearity Check: Pass		
Configuration of Unit: Normal Operations		Sweep Time Check: Ok		
Test Engineer / Technician: T. Wittig				
Date	Time	Log Entries	Initials	Result
10/20/2025	1406	Setup 10 meter #2 for 1-12GHz testing	TW	Complete
	1424	Begin Radiated Emissions, 1 GHz 12 GHz. FCC Part 15. Subpart B, Class B	TW	---
		Completed H-Pole, will need to complete V-Pole	TW	---
	1538	Done for the day	TW	---
	0649	Warmed up RE test equipment	TW	---
	0708	Client arrived and bringing up the EUT	TW	---
	0716	Resume 1-18GHz testing	TW	---
	0821	Completed RE testing	TW	Pass

Element Materials Technology	
Radiated Emissions	
Standard Referenced: FCC Part 15. Subpart B, Class B	Date: 10/20/2025
Temperature: 23°C Humidity: 25%	Pressure: 835 mb
Input Voltage: 120Vac/60Hz	Pretest & Linearity Check: Pass
Configuration of Unit: Normal Operations	Sweep Time Check: Ok
Test Engineer / T. Wittig Technician: _____	

“Type” refers to the type of measurement performed. The type of measurement made is based on the requirements of the particular standard:

PK = Peak Measurement: RBW is 120kHz, VBW is 3 MHz

QP = Quasi-Peak Measurement: RBW is 120kHz, VBW is 3 MHz, and QP Detection is ENABLED

AV = Video Average Measurement: RBW is 1 MHz, VBW is 10 Hz

The “field strength” (FS) emissions level is attained by adding the received amplitude measured (RA), Antenna factor (AF), and cable factor (CF) minus the amplifier gain (AG). $FS = RA + AF + CF - AG$. Final measurements are made with the Azimuth, Polarity, Height, and EUT Cables positioned for maximum radiation. If applicable, cables positions are noted in the test log. (Sample Calculation: $49.6 \text{ dBuV} + 11.4 \text{ dB/m} - 28.8 \text{ dB (CF/AG)} = 32.2 \text{ dBuV/m}$. Important Note: This is a sample calculation only for the purpose of demonstration, and does not reflect data in this report.)

The “Azm/Pol/Hgt” indicates the turn-table azimuth, the antenna polarity, and the antenna height where the maximum emissions level was measured.

The “Margin” is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.

The PRESCAN is a peak measurement and is performed with the RBW set to 120 kHz, VBW set to 3 MHz (30 MHz to 1 GHz), and the RBW set to 1 MHz, VBW set to 3MHz (> 1 GHz)

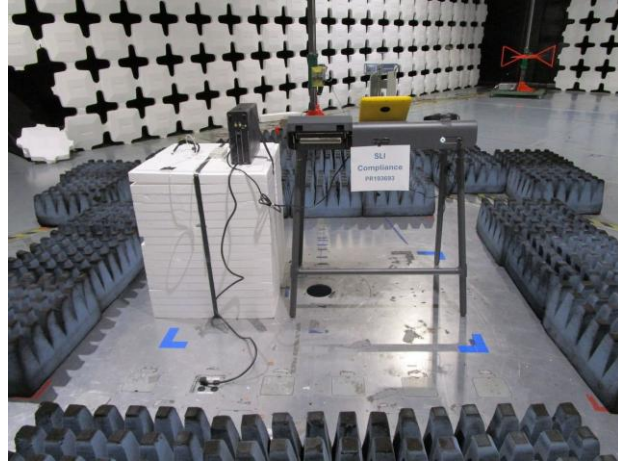
The Antenna setup for >1GHz should match the setup that was used to meet SVSWR requirements. Refer to the SVSWR report stored in the calibration records for the chamber being used.

Element Materials Technology			
Enter the EUT's width in cm in the green box then select the end frequency. The number of antennas will be shown below			
EUT Width	105	cm	Antenna 3115 EMCO
Stop Frequency	6	GHz	Beamwidth 32 degrees
# of Positions	1		Distance away 0.559 Radians
			Lateral Coverage 3 meters
			Lateral Coverage 1.72 meters

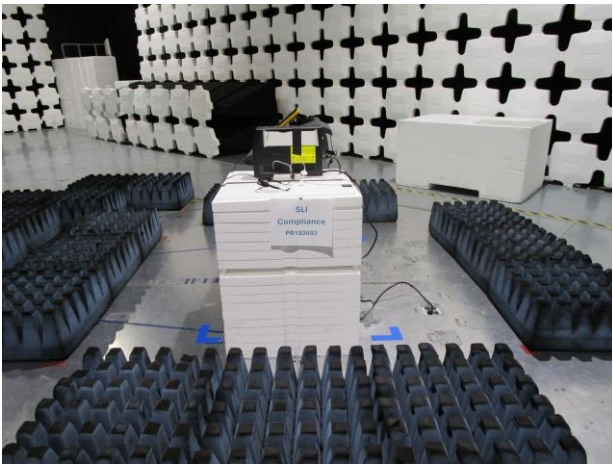
5.2.4 Test Photographs



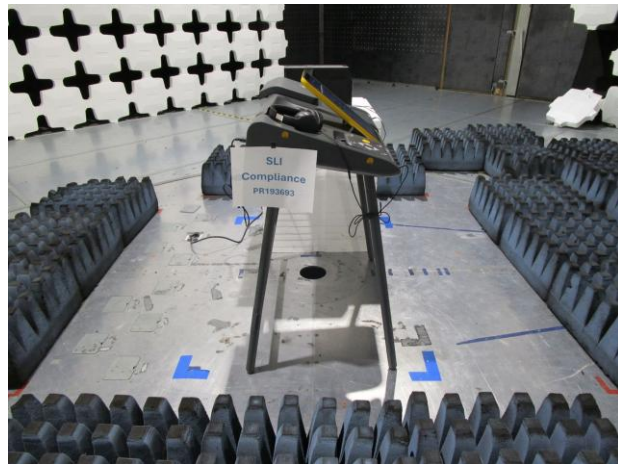
RE Test Setup Photos - Front



RE Test Setup Photos - Back

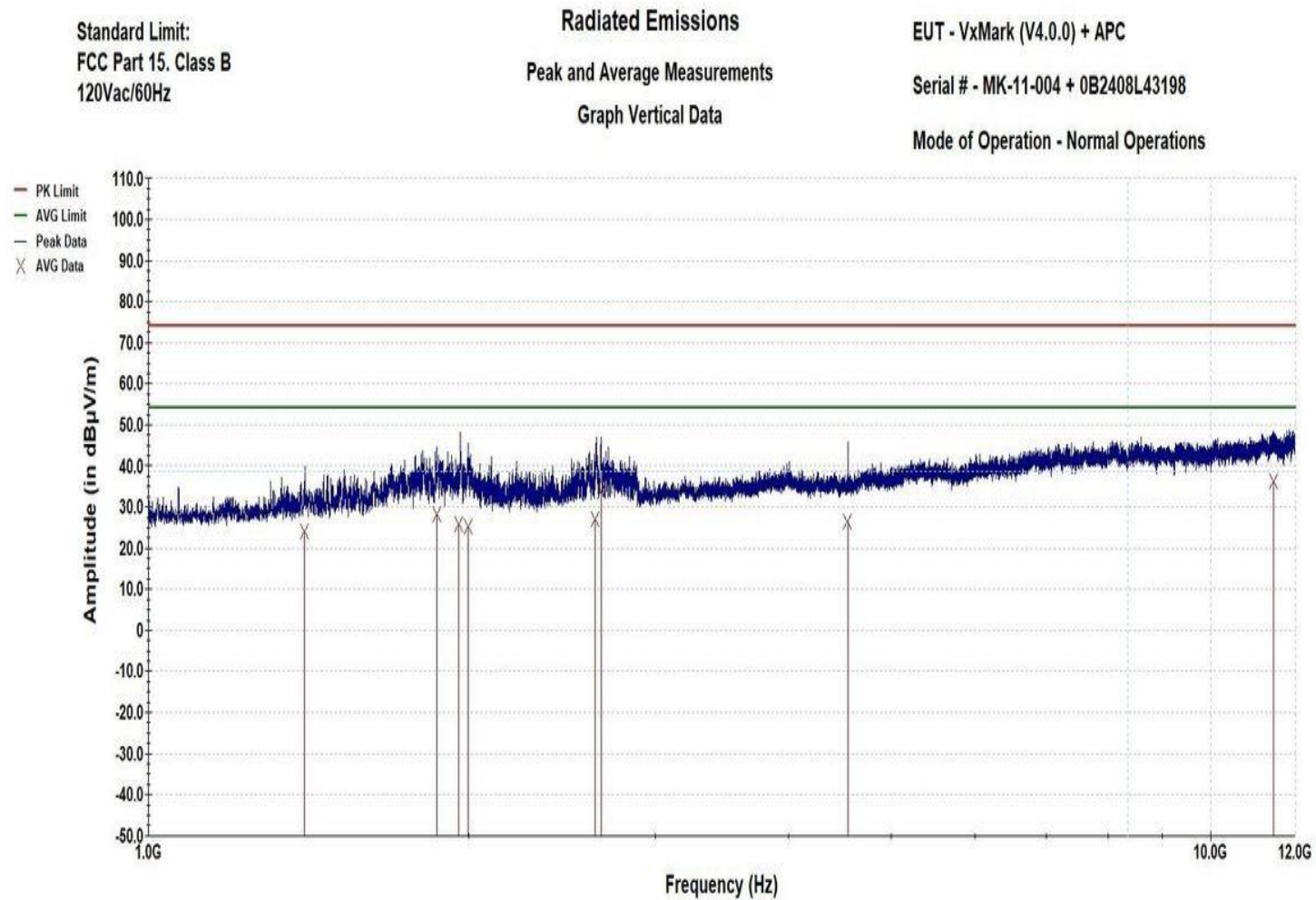


RE Test Setup Photos - Right



RE Test Setup Photos - Left

5.2.5 Test Data



Operator: T. Wittig

Customer: SLI Compliance

Last Data Update 08:06:57 AM, Tuesday, October 21, 2025

PR#: PR193693

Vertical Data Graph

Radiated Emissions
Vertical Average Measurements
Table: Final Vertical Average above 1GHz

Operator: T. Wittig

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Customer: SLI Compliance

Frequency (MHz)	AVG (in dBuV)	Delta to AVG Limit (in dBuV)	Height (in cm)	Azimuth (in Degrees)
1.401 GHz	24.134	-29.866	145	149
1.867 GHz	28.139	-25.861	147	172
1.959 GHz	25.681	-28.319	126	164
1.997 GHz	25.340	-28.660	102	166
2.630 GHz	26.997	-27.003	132	199
2.667 GHz	33.929	-20.071	130	317
4.551 GHz	26.428	-27.572	114	154
11.451 GHz	36.278	-17.722	258	2
Standard Limit:				
FCC Part 15, Class B				
120Vac/60Hz				

Vertical Average Data Table

Radiated Emissions
Vertical peak Measurements
Table: Final Vertical Peak above 1GHz

Operator: T. Wittig

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Customer: SLI Compliance

Frequency (MHz)	Peak (in dBuV)	Delta to Pk Limit (in dBuV)	Height (in cm)	Azimuth (in Degrees)
1.401 GHz	44.243	-29.757	145	149
1.867 GHz	53.285	-20.715	147	172
1.959 GHz	47.070	-26.930	126	164
1.997 GHz	49.331	-24.669	102	166
2.630 GHz	47.264	-26.736	132	199
2.667 GHz	55.886	-18.114	130	317
4.551 GHz	39.907	-34.093	114	154
11.451 GHz	49.563	-24.437	258	2
Standard Limit:				
FCC Part 15, Class B				
120Vac/60Hz				

Vertical Peak Data Table

Standard Limit:
FCC Part 15, Class B
120Vac/60Hz

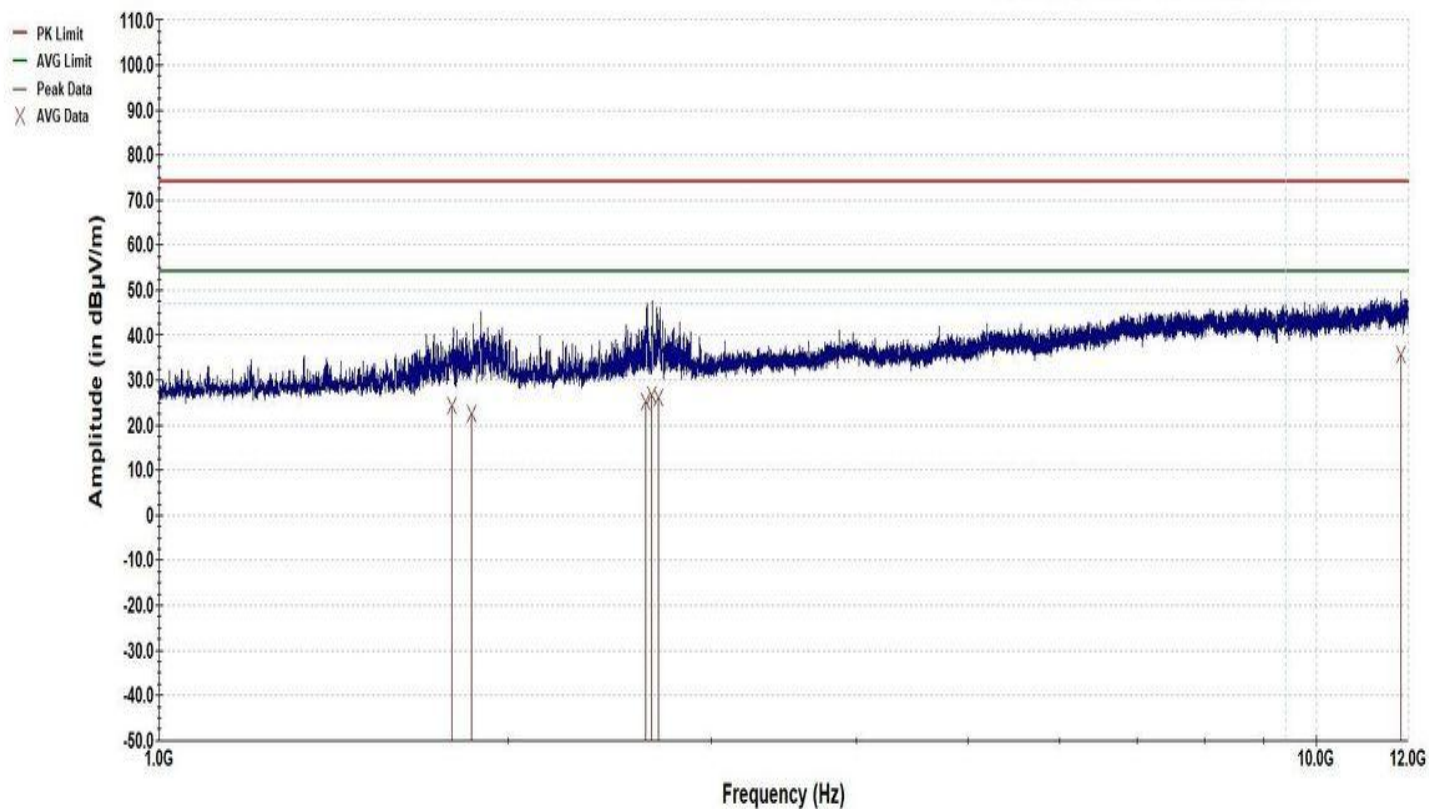
Radiated Emissions

Peak and Average Measurements
Graph Horizontal Data

EUT - VxMark (V4.0.0) + APC

Serial # - MK-11-004 + 0B2408L43198

Mode of Operation - Normal Operations



Operator: T. Wittig

Customer: SLI Compliance

Last Data Update 03:29:35 PM, Monday, October 20, 2025

PR#: PR193693

Horizontal Data Graph

Radiated Emissions
Horizontal Average Measurements
Table: Final Horizontal Average above 1GHz

Operator: T. Wittig

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Customer: SLI Compliance

Frequency (MHz)	AVG (in dBuV)	Delta to AVG Limit (in dBuV)	Height (in cm)	Azimuth (in Degrees)
1.790 GHz	24.261	-29.739	211	54
1.860 GHz	22.649	-31.351	204	55
2.630 GHz	25.217	-28.783	204	80
2.661 GHz	26.641	-27.359	137	60
2.699 GHz	26.103	-27.897	256	53
11.820 GHz	35.531	-18.469	333	295
Standard Limit:				
FCC Part 15, Class B				
120Vac/60Hz				

Horizontal Average Data Table

Radiated Emissions
Horizontal peak Measurements
Table: Final Horizontal Peak above 1GHz

Operator: T. Wittig

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Customer: SLI Compliance

Frequency (MHz)	Peak (in dBuV)	Delta to PK limit (in dBuV)	Height (in cm)	Azimuth (in Degrees)
1.790 GHz	44.280	-29.720	211	54
1.860 GHz	45.369	-28.631	204	55
2.630 GHz	48.725	-25.275	204	80
2.661 GHz	47.604	-26.396	137	60
2.699 GHz	50.269	-23.731	256	53
11.820 GHz	48.145	-25.855	333	295
Standard Limit:				
FCC Part 15, Class B				
120Vac/60Hz				

Horizontal Peak Data Table

5.2.6 Test Equipment List

Table 5.2-1: Radiated Emissions, 1 GHz - 12 GHz Test Equipment List

Asset Number	Asset Type	Manufacturer	Model	Calibrated	Due
US58-A059421	EMI Chamber	CIR Enterprises	10M2	02/12/2024	02/12/2026
US58-A076859	Ballistic Equipment	Rohde & Schwarz	ESW44	01/24/2025	01/24/2026
US58-A059621	Electric Meter/Datalogger	Fluke	87 V	06/11/2025	06/11/2026
US58-A078487	Electric Meter/Datalogger	Extech Instruments	42270	09/15/2025	09/30/2026
WC078468	Software	ETS-Lindgren	C47213	NCR	NCR
WC080805	Cable (Test)	Micro-Coax	UFA210A-0-0180-300300	06/21/2024	06/21/2026
WC076925	Cable (Test)	Teledyne-taber	3 M RF Coax Cable	10/21/2024	10/21/2026
US58-A059428	Electrical Equipment or Standards	Sunol Sciences	DRH-118	02/20/2024	02/20/2026
US58-A059550	Electrical Equipment or Standards	Ciao Wireless	1-18 GHZ	06/21/2024	06/21/2026
US58-A059441	Lab Equipment	Sunol Sciences	TLT2	NCR	NCR

Calibration Abbreviations

CAL: Calibration

NCR: No Calibration Required

5.3 Conducted Emissions, 150 kHz - 30 MHz**5.3.1 Test Procedure**

The EUT was tested in accordance with FCC Part 15, Class B.

5.3.2 Test Result

The EUT passed the defined requirements.

5.3.3 Test Datasheets

Element Materials Technology				
Conducted Emissions				
Standard Referenced: FCC Part 15, Class B			Date: 10/21/2025	
Temperature: 19°C		Humidity: 17%		Pressure: 841 mb
Input Voltage: 120Vac/60Hz		LISN Bonding: 1.7 mOhms		
Configuration of Unit: Normal Operations			Sweep Time Check: Yes	
Test Engineer: T. Wittig				
Date	Time	Log Entries	Initials	Result
10/21/2025	0841	Performed CE pre-test verification and ambient scans	TW	Complete
		Setup EUT on the 10 meter #1 ground plane	TW	Complete
	0941	Begin Conducted Emissions, 150 kHz 30MHz. FCC Part 15. Class B.	TW	---
	1136	Completed CE testing	TW	Pass

Element Materials Technology	
Conducted Emissions	
Standard Referenced: FCC Part 15, Class B	Date: 10/21/2025
Temperature: 19°C Humidity: 17%	Pressure: 841 mb
Input Voltage: 120Vac/60Hz	LISN Bonding: 1.7 mOhms
Configuration of Unit: Normal Operations	Sweep Time Check: Yes
Test Engineer: T. Wittig	
"Type" refers to the type of measurement performed. The type of measurement made is based on the requirements of the particular standard: PK = Peak Measurement: RBW is 9 kHz, VBW is 3 MHz QP = Quasi-Peak Measurement: RBW is 9 kHz, VBW is 3 MHz, and QP Detection is ENABLED AV = Video Average Measurement: RBW is 9 kHz, VBW is 10 Hz The "CE Level" is attained by adding the conducted amplitude measured (CA), Attenuation Cal factor (ACF), cable factor (CF) plus the LISN Cal Factor (LCF). CE Level = CA + ACF + CF + LCF. If applicable, cables positions are noted in the test log. (Sample Calculation: -7.5 dBuV + 20.2 dB + 1.5 dB + 23.8 dB= 38 dBuV. Important Note: This is a sample calculation only for the purpose of demonstration, and does not reflect data in this report.) The "TestPoint" indicates which AC or DC input power line or which I/O cable the measurement was made on. The "Margin" is with reference to the emissions limit. A positive number indicates that the emission measurement is below the limit. A negative number indicates that the emission measurement exceeds the limit.	

5.3.4 Test Photographs



CE Test Setup Photo - Front



CE Test Setup Photo - Right

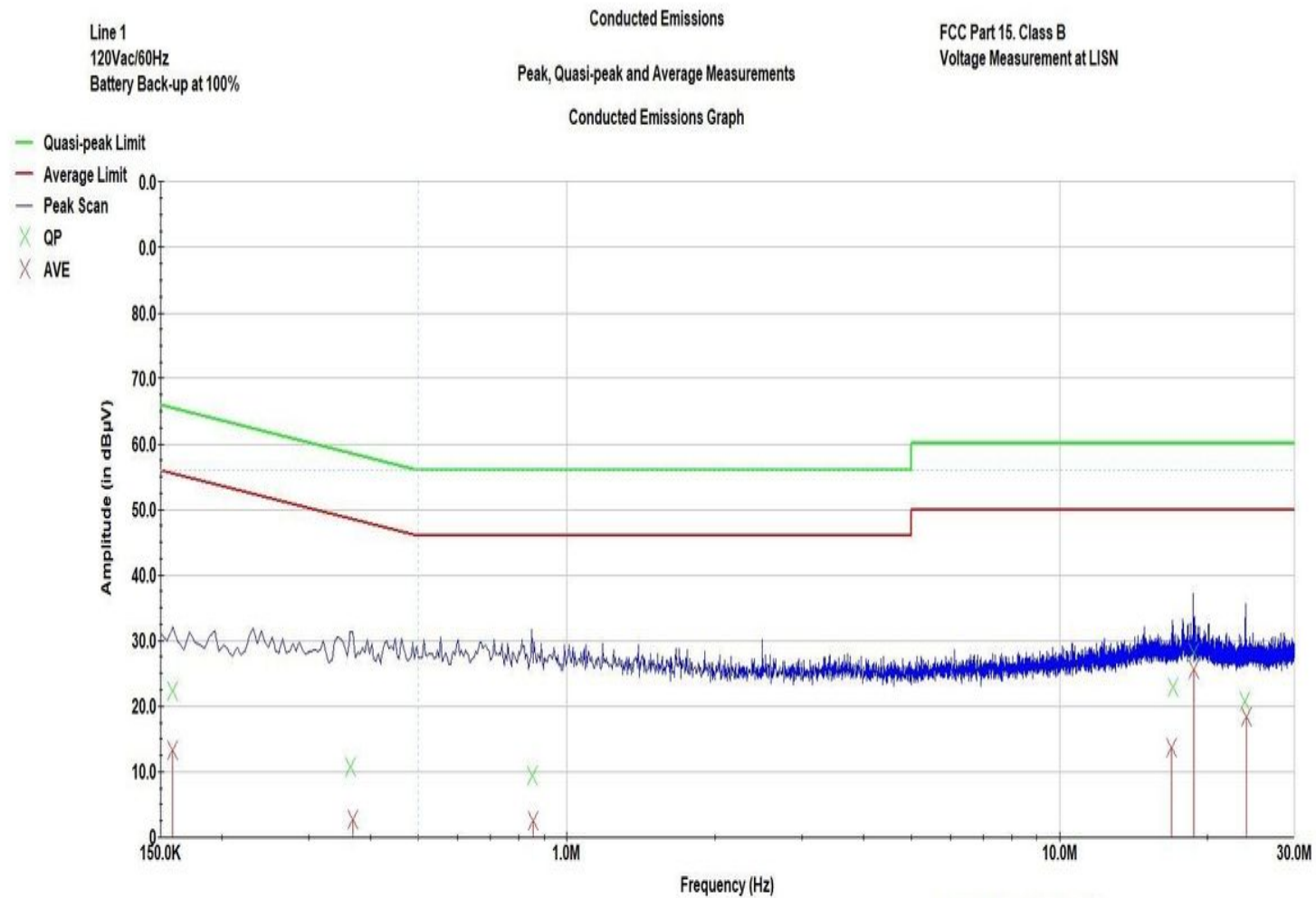


CE Test Setup Photo - Back



CE Test Setup Photo - Left

5.3.5 Test Data



EUT: VxMark (V4.0.0) + APC

Operator: T. Wittig

Client: SLI Compliance

Commercial Conducted Emissions - Line.ttl

PR#: PR193693

Conducted Emissions Graph Line 1

Conducted Emissions Quasi-Peak Data Table

Operator: T. Wittig
11:47:09 AM, Tuesday, October 21, 2025

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Client: SLI Compliance

Frequency (MHz)	Amplitude (in dBμV)	Quasi-peak Limit (in dBμV)	Delta to Quasi-peak Limit (in dB)
158.50 KHz	22.35	65.76	-43.41
363.74 KHz	10.64	59.89	-49.25
852.04 KHz	9.41	56.00	-46.59
17.01 MHz	22.85	60.00	-37.15
18.73 MHz	28.15	60.00	-31.85
23.80 MHz	20.62	60.00	-39.38
Line 1			
120Vac/60Hz			
Battery Back-up at 100%			

Conducted Emissions Quasi-Peak Data Table Line 1

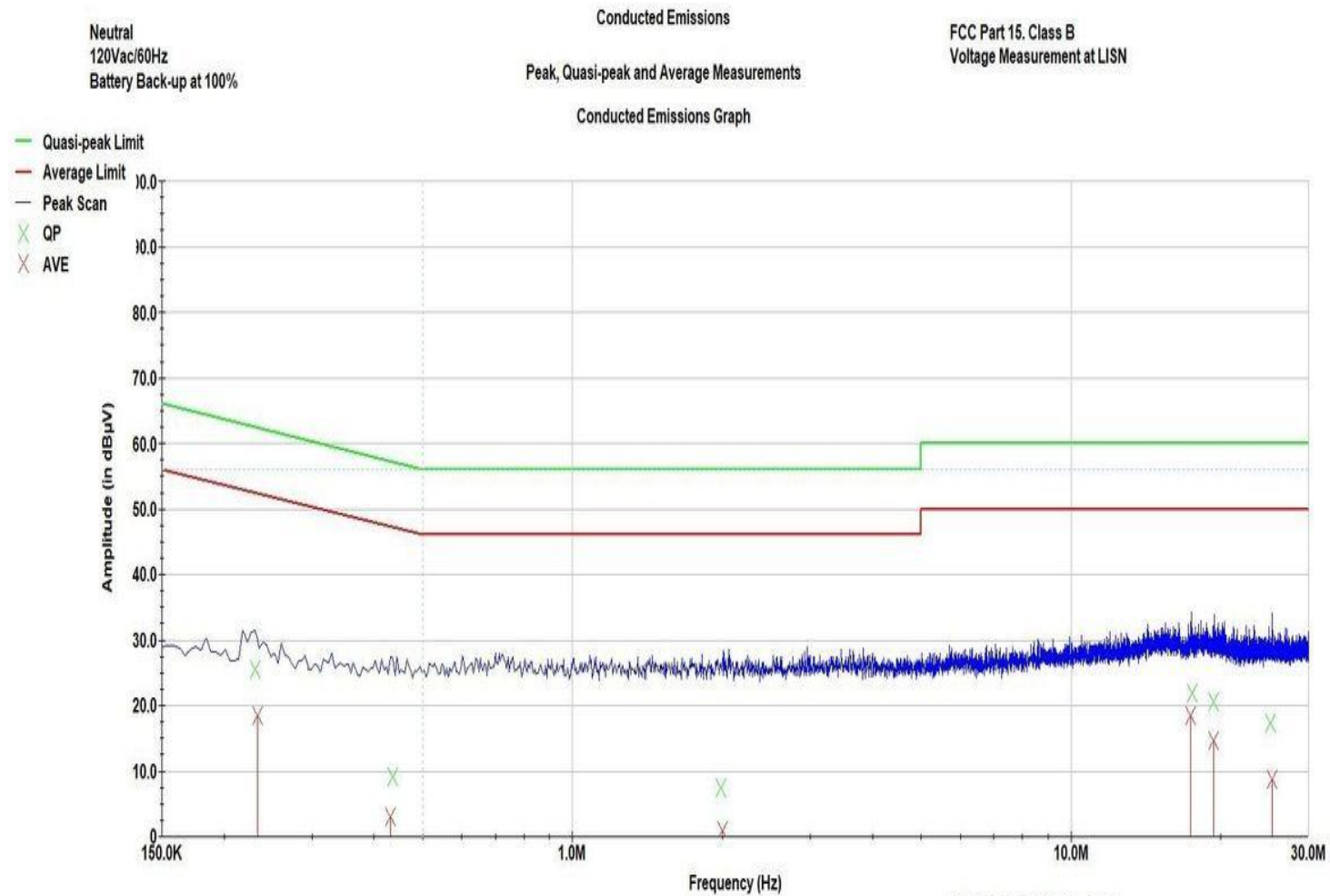
Conducted Emissions Average Data Table

Operator: T. Wittig
11:49:37 AM, Tuesday, October 21, 2025

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Client: SLI Compliance

Frequency (MHz)	Amplitude (in dBμV)	Average Limit (in dBμV)	Delta to Average Limit (in dB)
158.50 KHz	13.25	55.76	-42.51
367.39 KHz	2.63	49.79	-47.16
853.78 KHz	2.49	46.00	-43.51
16.89 MHz	13.73	50.00	-36.27
18.74 MHz	25.63	50.00	-24.37
24.00 MHz	18.32	50.00	-31.68
Line 1			
120Vac/60Hz			
Battery Back-up at 100%			

Conducted Emissions Average Data Table Line 1



EUT: VxMark (V4.0.0) + APC

Operator: T. Wittig

Client: SLI Compliance

Commercial Conducted Emissions - Neutral.ttl

PR#: PR193693

Conducted Emissions Graph Neutral

Conducted Emissions Quasi-Peak Data Table

Operator: T. Wittig
12:03:35 PM, Tuesday, October 21, 2025

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Client: SLI Compliance

Frequency (MHz)	Amplitude (in dB μ V)	Quasi-peak Limit (in dB μ V)	Delta to Quasi-peak Limit (in dB)
230.99 KHz	25.58	63.69	-38.11
435.32 KHz	9.19	57.85	-48.66
1.99 MHz	7.43	56.00	-48.57
17.50 MHz	21.93	60.00	-38.07
19.36 MHz	20.58	60.00	-39.42
25.12 MHz	17.25	60.00	-42.75
Neutral			
120Vac/60Hz			
Battery Back-up at 100%			

Conducted Emissions Quasi-Peak Data Table Neutral

Conducted Emissions Average Data Table

Operator: T. Wittig
12:06:08 PM, Tuesday, October 21, 2025

EUT: VxMark (V4.0.0) + APC
PR#: PR193693
Client: SLI Compliance

Frequency (MHz)	Amplitude (in dBμV)	Average Limit (in dBμV)	Delta to Average Limit (in dB)
233.25 KHz	18.43	53.62	-35.19
431.19 KHz	3.09	47.97	-44.88
2.00 MHz	0.86	46.00	-45.14
17.38 MHz	18.47	50.00	-31.53
19.35 MHz	14.69	50.00	-35.31
25.35 MHz	8.82	50.00	-41.18
Neutral			
120Vac/60Hz			
Battery Back-up at 100%			

Conducted Emissions Average Data Table Neutral

5.3.6 Test Equipment List

Table 5.3-1: Conducted Emissions, 150 kHz - 30 MHz Test Equipment List

Asset Number	Asset Type	Manufacturer	Model	Calibrated	Due
US58-A059736	EMI Chamber	CIR Enterprises	10M1	02/12/2024	02/12/2026
US58-A076847	Line Impedance Stabilization Network	Solar Electronics	8012-50-R-25-BNC	10/10/2024	10/31/2025
WC078471	Cable (Test)	National Technical Systems	BNC Coaxial Cable	09/20/2024	09/20/2026
US58-A059729	Lab Equipment	Pacific Power Source	TMX 140	NCR	NCR
US58-A059621	Electric Meter/Datalogger	Fluke	87 V	06/11/2025	06/11/2026
US58-A078487	Electric Meter/Datalogger	Extech Instruments	42270	09/15/2025	09/30/2026
WC078468	Software	ETS-Lindgren	C47213	NCR	NCR

Calibration Abbreviations

CAL: Calibration

NCR: No Calibration Required

End of Test Report