



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION**

**APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)**

OFFICE USE ONLY

APPLICATION #: OSP-0558

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Global Plasma Solutions, Inc. DBA GPS Air

Manufacturer's Technical Representative: Paul Glowacki

Mailing Address: 3101 Yorkmont Road, Suite 400, Charlotte, NC 28208

Telephone: (980) 279-5622

Email: PGlowacki@gpsair.com

Product Information

Product Name: Air Conditioning Units

Product Type: Air Filters

Product Model Number: See Attachment

General Description: Modular ionization system consisting of 6-inch ionization bar sections, end cap, ion detector sensor, power cable with connectors, power supply, and optional NEMA enclosure for power supply.

Mounting Description: Units are wall mounted (rigid or flexible)

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: Dynamic Certification Laboratories

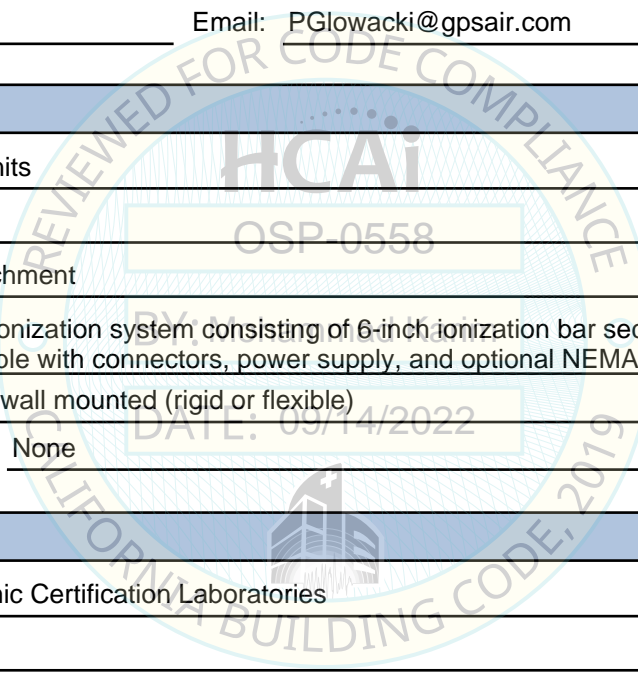
Contact Person: Kelly Laplace

Mailing Address: 1315 Greg Pkwy # 109, Sparks, NV 89431

Telephone: (775) 385-5085

Email: kelly@shaketest.com

Title: Business Manager





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California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

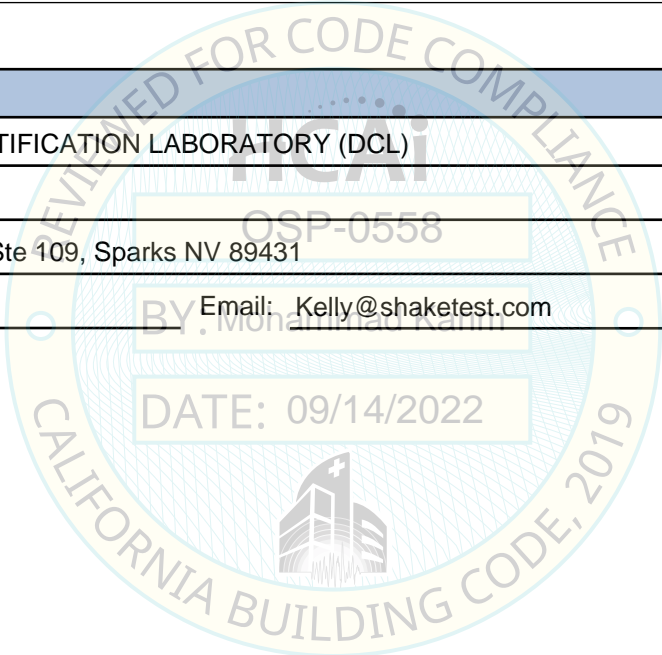
Company Name: THE VMC GROUP
Name: Kenneth Tarlow California License Number: S2851
Mailing Address: 980 9th Street, 16th Floor, Sacramento, CA 95814
Telephone: (832) 627-2214 Email: ken.tarlow@thevmcgroup.com

Certification Method

GR-63-Core ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3
 Other (Please Specify): _____

Testing Laboratory

Company Name: DYNAMIC CERTIFICATION LABORATORY (DCL)
Contact Person: Kelly Laplace
Mailing Address: 1315 Greg St., Ste 109, Sparks NV 89431
Telephone: (775) 358-5085 Email: Kelly@shaketest.com





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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = 1.50 (Sds 2.0g, z/h=1); 1.13 (Sds 2.5g, z/h=0)

SDS (Design spectral response acceleration at short period, g) = Sds 2.0g, z/h=1; Sds 2.5g, z/h=0

a_p (Amplification factor) = 2.5

R_p (Response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 1 and 0

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

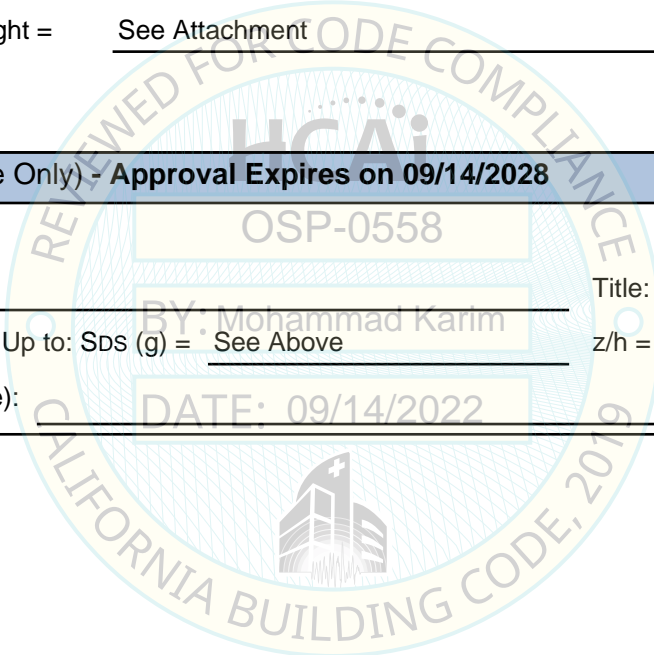
HCAI Approval (For Office Use Only) - Approval Expires on 09/14/2028

Date: 9/14/2022

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = See Above z/h = See Above

Condition of Approval (if applicable): DATE: 09/14/2022



Special Seismic Certification

Table 1 - Certified Components



DCL Project Number: 13122-2201
Manufacturer: Global Plasma Solutions, Inc. DBA GPS Air (GPS)
Product Line: GPS iMOD
Mounting Description: Rigid / Isolated Wall Mount
Test Levels: Sds=2.0g, z/h=1.0; Sds=2.5g, z/h=0.0

Ionization Bars						
Manufacturer Model Number	Manufacturer	Max. Horizontal Distance Between Attachments (in)	Support Material Thickness (gage)	Max. Distance for Unsupported Mid-Coil Span (in)	Max. Weight ¹ (lb)	Unit
GPS-iMOD-6-Screw	GPS	32	18	65	3.5	UUT-01a,b, UUT-02a,b
GPS-iMOD-6-Snap	GPS	36	18	63	3.2	UUT-05a,b, UUT-06a,b

Power Supplies

Manufacturer Model Number	Manufacturer	Dimensions (DxWxH) (in)	Weight (lb)	Unit
GPS-iMOD-Steel	GPS	5.0 x 3.5 x 8.0	5.0	UUT-03a,b
GPS-iMOD-Steel with NEMA enclosure	GPS	7.5 x 14.0 x 15.0	15.0	UUT-04a,b
GPS-iMOD-Nylon	GPS	5.0 x 4.3 x 9.0	4.6	UUT-07a,b
GPS-iMOD-Nylon with NEMA enclosure	GPS	6.3 x 13.5 x 15.5	16.4	UUT-08a,b

Notes:
 1. Maximum weight is a the measured test weight of an end cap, power cable with connectors, ion detector sensors, and (12) ionization bar sections combined.

Special Seismic Certification
Table 2 - Certified Subcomponents



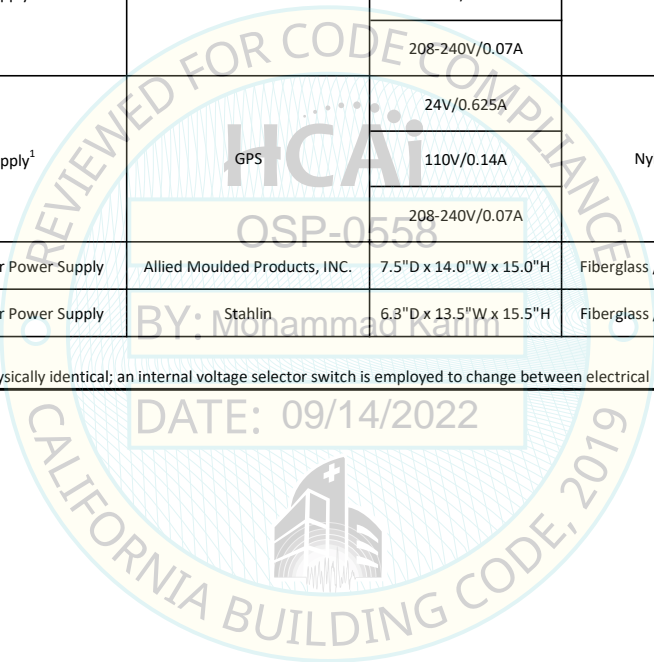
DCL Project Number: 13122-2201

Certified Seismic Level: Sds=2.0, z/h=1.0; Sds=2.5, z/h=0.0

Model	Subcomponent	Manufacturer	Notes	Material of Construction	Weight (lb)	Unit
GPS-iMOD-6-Screw	6-Inch Ionization Bar Sections	GPS	6"L x 0.75"W x 0.75"H	UL94VO Composite	0.3	UUT-01a,b, UUT-02a,b
GPS-iMOD-6-Snap	6-Inch Ionization Bar Sections	GPS	6"L x 0.75"W x 0.75"H	UL94VO Composite	0.3	UUT-05a,b, UUT-06a,b
GPS-iMOD-EC	End Cap	GPS	0.5" diameter	UL94VO Composite	<0.1	UUT-01a,b, UUT-02a,b, UUT-05a,b, UUT-06a,b
GPS-iDetect-P	Ion Detector Sensor	GPS	1" diameter x 10" long	UL94VO Composite	0.2	UUT-01a,b, UUT-02a,b, UUT-05a,b, UUT-06a,b
GPS-iMOD-PC-Screw	Power Cable with Connectors	GPS	5500VAC / 2mA	UL94VO Composite	0.3	UUT-01a,b, UUT-02a,b
GPS-iMOD-PC-Snap	Power Cable with Connectors	GPS	5500VAC / 2mA	UL94VO Composite	0.3	UUT-05a,b, UUT-06a,b
GPS-iMOD-Steel	Power Supply ¹	GPS	24V/0.625A	Carbon steel	5.0	UUT-03a,b
			110V/0.14A			Interpolated
			208-240V/0.07A			UUT-04a,b
GPS-iMOD-Nylon	Power Supply ¹	GPS	24V/0.625A	Nylon	4.6	UUT-07a,b
			110V/0.14A			Interpolated
			208-240V/0.07A			UUT-08a,b
AMU1426TF	NEMA Enclosure for Power Supply	Allied Moulded Products, INC.	7.5"D x 14.0"W x 15.0"H	Fiberglass / NEMA 4X	8.0	UUT-04a,b
J1412HPL	NEMA Enclosure for Power Supply	Stahlin	6.3"D x 13.5"W x 15.5"H	Fiberglass / NEMA 4X	9.9	UUT-08a,b

Notes:

1. Power supplies with different ratings are physically identical; an internal voltage selector switch is employed to change between electrical ratings.



Special Seismic Certification

Table 3 - Tested Units



DCL Project Number: 13122-2201

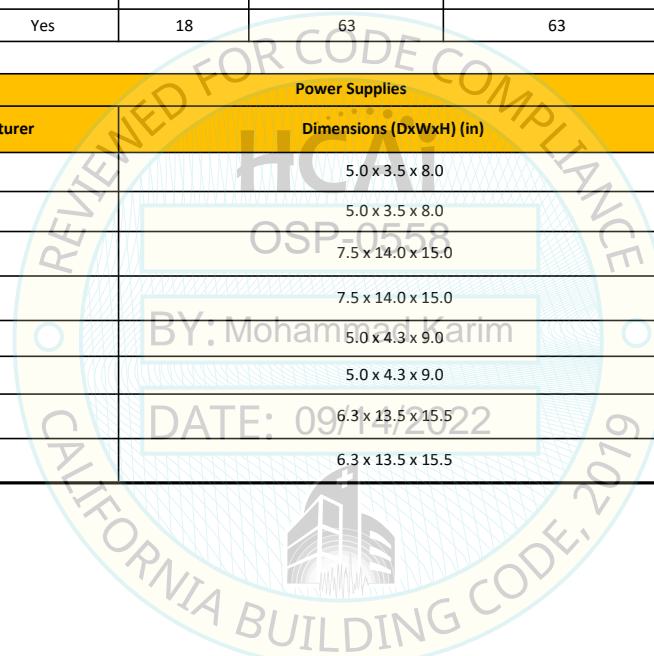
Manufacturer: Global Plasma Solutions, Inc. DBA GPS Air (GPS)

Product Line: GPS iMOD

Mounting Description: Rigid / Isolated Wall Mount

Test Levels: Sds=2.0g, z/h=1.0; Sds=2.5g, z/h=0.0

Ionization Bars								
Manufacturer Model Number	Manufacturer	Ion Detector Sensor Attached	Support Material Thickness (gage)	Tested Distance Between Attachments (in)	Max. Distance for Unsupported Mid-Coil Span (in)	Tested Weight [lb]	Mounting	Unit
GPS-iMOD-6-Screw	GPS	Yes	18	16 and 32	N/A	3.0	Rigid wall	UUT-01a
GPS-iMOD-6-Screw	GPS	Yes	18	16 and 32	N/A	3.0	Isolated wall	UUT-01b
GPS-iMOD-6-Screw	GPS	Yes	18	65	65	3.5	Rigid wall	UUT-02a
GPS-iMOD-6-Screw	GPS	Yes	18	65	65	3.5	Isolated wall	UUT-02b
GPS-iMOD-6-Snap	GPS	Yes	18	18 and 36	N/A	2.4	Rigid wall	UUT-05a
GPS-iMOD-6-Snap	GPS	Yes	18	18 and 36	N/A	2.4	Isolated wall	UUT-05b
GPS-iMOD-6-Snap	GPS	Yes	18	63	63	3.2	Rigid wall	UUT-06a
GPS-iMOD-6-Snap	GPS	Yes	18	63	63	3.2	Isolated wall	UUT-06b
Power Supplies								
Manufacturer Model Number	Manufacturer	Dimensions (DxWxH) (in)			Tested Weight [lb]	Mounting	Unit	
GPS-iMOD-Steel	GPS	5.0 x 3.5 x 8.0			5.0	Rigid wall	UUT-03a	
GPS-iMOD-Steel	GPS	5.0 x 3.5 x 8.0			5.0	Isolated wall	UUT-03b	
GPS-iMOD-Steel with NEMA enclosure	GPS	7.5 x 14.0 x 15.0			15.0	Rigid wall	UUT-04a	
GPS-iMOD-Steel with NEMA enclosure	GPS	7.5 x 14.0 x 15.0			15.0	Isolated wall	UUT-04b	
GPS-iMOD-Nylon	GPS	5.0 x 4.3 x 9.0			4.6	Rigid wall	UUT-07a	
GPS-iMOD-Nylon	GPS	5.0 x 4.3 x 9.0			4.6	Isolated wall	UUT-07b	
GPS-iMOD-Nylon with NEMA enclosure	GPS	6.3 x 13.5 x 15.5			16.4	Rigid wall	UUT-08a	
GPS-iMOD-Nylon with NEMA enclosure	GPS	6.3 x 13.5 x 15.5			16.4	Isolated wall	UUT-08b	



UNIT UNDER TEST (UUT) Summary Sheet



UUT-01a,b

DCL Project Number: 13122-2201

Manufacturer: Global Plasma Solutions (GPS)

Product Line: GPS iMOD

Model Number: GPS-iMOD-6-Screw

Mounting: Rigid / Isolated Wall Mount

Product Construction Summary: UL94VO Composite

Options / Component Summary:

Power cable with connectors, 6-inch ionization bar sections, end cap, and ion detector sensor.

Unit Mounting Description:

UUT-01a,b was mounted to the DCL wall fixture with (4) #8 self-tapping screws, one screw per connection, into 18 gage sheet metal. The span between the screws varied from left to right: 16", 32" and 3", respectively. 18 gage sheet metal backed the entire length of the UUT. For the isolated shake (UUT-01b), the DCL wall fixture was mounted on (4) VMC M2SSH-1E-530N spring isolators. Isolators were mounted to the shake table interface plate with (4) ½" diameter, grade 5 bolts each. Each isolator had a single ¾" diameter, grade 5 bolt to connect to the DCL wall fixture.

UUT Properties

Operating Weight (lb)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
3.0	2.0	60.0	3.0	N/A	N/A	N/A

Seismic Test Parameters

Building Code	Test Criteria	Sds (g)	z/h	Ip	Aflx-H (g)	Arig-H (g)	Aflx-V (g)	Arig-V (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.68	1.68
		2.5	0.0					



Figure 1. Overall view of UUT-01a



Figure 2. Overall view of UUT-01b



Figure 3. Close-up overall view of UUT-01a,b

Note: The UUT was operational before and after shaking and was full of operating content during the tests. The structural integrity of the component attachment system and force-resisting systems was maintained.

UNIT UNDER TEST (UUT) Summary Sheet



UUT-02a,b

DCL Project Number: 13122-2201

Manufacturer: Global Plasma Solutions (GPS)

Product Line: GPS iMOD

Model Number: GPS-iMOD-6-Screw

Mounting: Rigid / Isolated Wall Mount

Product Construction Summary: UL94VO Composite

Options / Component Summary:

Power cable with connectors, 6-inch ionization bar sections, end cap, and ion detector sensor.

Unit Mounting Description:

UUT-02a,b was mounted to the DCL wall fixture with (4) #8 self-tapping screws, one per connection, into 18 gage sheet metal. The span between the screws varied from left to right: 3", 65" and 3", respectively. 18 gage sheet metal backed the two 3" spans, but the 65" span was unsupported. For the isolated shake (UUT-02b), the DCL wall fixture was mounted on (4) VMC M2SSH-1E-530N spring isolators. Isolators were mounted to the shake table interface plate with (4) ½" diameter, grade 5 bolts each. Each isolator had a single ¾" diameter, grade 5 bolt to connect to the DCL wall fixture.

UUT Properties

Operating Weight (lb)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
3.5	2.0	73.0	3.0	N/A	N/A	N/A

Seismic Test Parameters

Building Code	Test Criteria	Sds (g)	z/h	Ip	Aflx-H (g)	Arig-H (g)	Aflx-V (g)	Arig-V (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.68	1.68
		2.5	0.0					

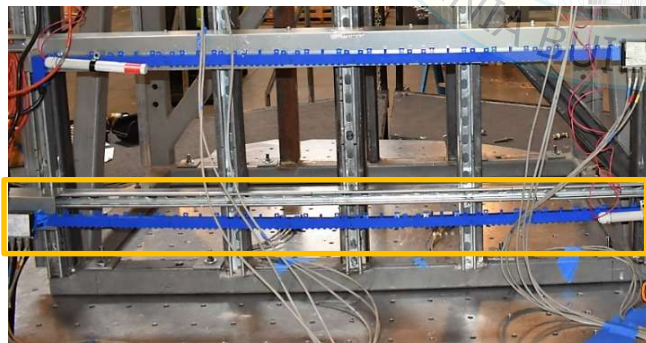


Figure 1. Overall view of UUT-02a



Figure 2. Overall view of UUT-02b



Figure 3. Close-up overall view of UUT-02a,b

Note: The UUT was operational before and after shaking and was full of operating content during the tests. The structural integrity of the component attachment system and force-resisting systems was maintained.

UNIT UNDER TEST (UUT) Summary Sheet



UUT-03a,b

DCL Project Number: 13122-2201

Manufacturer: Global Plasma Solutions (GPS)

Product Line: GPS iMOD

Model Number: GPS-iMOD-Steel

Mounting: Rigid / Isolated Wall Mount

Product Construction Summary: Carbon steel power supply box

Options / Component Summary: Power Supply

Unit Mounting Description:

UUT-03a,b was attached to the DCL wall fixture with (4) #8 self-tapping screws, one in each corner. For the isolated shake (UUT-03b), the DCL wall fixture was mounted on (4) VMC M2SSH-1E-530N spring isolators. Isolators were mounted to the shake table interface plate with (4) ½” diameter, grade 5 bolts each. Each isolator had a single ¾” diameter, grade 5 bolt to connect to the DCL wall fixture.

UUT Properties

Operating Weight (lb)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
5.0	5.0	3.5	8.0	N/A	N/A	N/A

Seismic Test Parameters

Building Code	Test Criteria	Sds (g)	z/h	Ip	Aflx-H (g)	Arig-H (g)	Aflx-V (g)	Arig-V (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.68	1.68
		2.5	0.0					



Figure 1. Overall view of UUT-03a

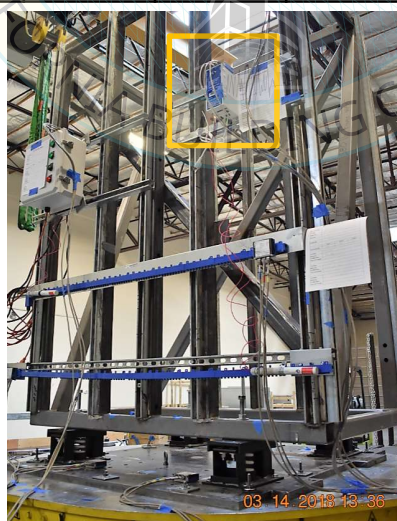


Figure 2. Overall view of UUT-03b



Figure 3. Close up overall view of UUT-03a,b

Note: The UUT was operational before and after shaking and was full of operating content during the tests. The structural integrity of the component attachment system and force-resisting systems was maintained.

UNIT UNDER TEST (UUT) Summary Sheet



UUT-04a,b

DCL Project Number: 13122-2201

Manufacturer: Global Plasma Solutions (GPS)

Product Line: GPS iMOD

Model Number: GPS-iMOD-Steel with NEMA enclosure

Mounting: Rigid / Isolated Wall Mount

Product Construction Summary: Carbon steel power supply box and fiberglass / NEMA 4x enclosure

Options / Component Summary: Power supply box and fiberglass / NEMA 4x enclosure

Unit Mounting Description:

UUT-04a,b was attached to the DCL wall fixture with (4) 1/4" diameter, Grade 5, bolts with channel nuts, one per each corner, slotted into 12 gage unistrut. For the isolated shake (UUT-04b), the DCL wall fixture was mounted on (4) VMC M2SSH-1E-530N spring isolators. Isolators were mounted to the shake table interface plate with (4) 1/2" diameter, Grade 5, bolts each. Each isolator had a single 3/4" diameter, Grade 5, bolt to connect to the DCL wall fixture. Isolators were mounted to the shake table interface plate with (4) 1/2" diameter, grade 5 bolts each. Each isolator had a single 3/4" diameter, grade 5 bolt to connect to the DCL wall fixture.

UUT Properties

Operating Weight (lb)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
15.0	7.5	14.0	15.0	N/A	N/A	N/A

Seismic Test Parameters

Building Code	Test Criteria	Sds (g)	z/h	Ip	Aflx-H (g)	Arig-H (g)	Aflx-V (g)	Arig-V (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.68	1.68
		2.5	0.0					

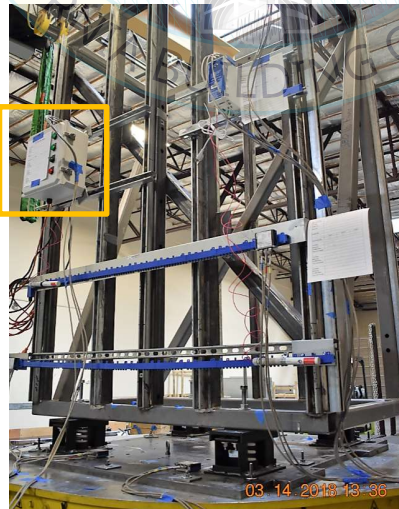


Figure 1. Overall view of UUT-04a

Figure 2. Overall view of UUT-04b

Figure 3. Close up overall view of UUT-04a,b

Note: The UUT was operational before and after shaking and was full of operating content during the tests. The structural integrity of the component attachment system and force-resisting systems was maintained.

UNIT UNDER TEST (UUT) Summary Sheet



UUT-05a,b

DCL Project Number: 13122-2201

Manufacturer: Global Plasma Solutions (GPS)

Product Line: GPS iMOD

Model Number: GPS-iMOD-6-Snap

Mounting: Rigid / Isolated Wall Mount

Product Construction Summary: UL94VO Composite

Options / Component Summary:

Power cable with connectors, 6-inch ionization bar sections, end cap, and ion detector sensor.

Unit Mounting Description:

UUT-05a,b was mounted to the DCL wall fixture with (4) #8 self-tapping screws, one screw per connection, into 18 gage sheet metal. The span between the screws varied from left to right: 18", 36" and 3", respectively. 18 gage sheet metal backed the entire length of the UUT. For the isolated shake (UUT-05b), the DCL wall fixture was mounted on (4) VMC M2SSH-1E-530N spring isolators. Isolators were mounted to the shake table interface plate with (4) ½" diameter, grade 5 bolts each. Each isolator had a single ¾" diameter, grade 5 bolt to connect to the DCL wall fixture.

OSP-0558

UUT Properties

Operating Weight (lb)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
2.4	1.0	61.5	3.0	N/A	N/A	N/A

Seismic Test Parameters

Building Code	Test Criteria	Sds (g)	z/h	Ip	Aflx-H (g)	Arig-H (g)	Aflx-V (g)	Arig-V (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.68	1.68
		2.5	0.0					

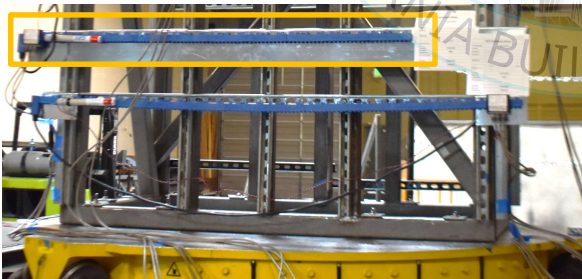


Figure 1. Overall view of UUT-05a



Figure 2. Overall view of UUT-05b

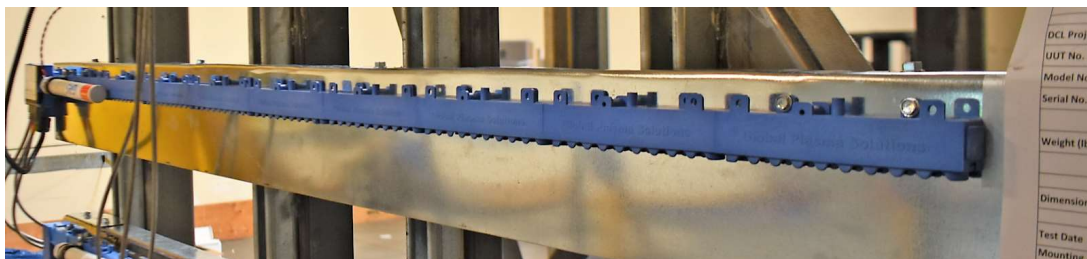


Figure 3. Close-up overall view of UUT-05a,b

Note: The UUT was operational before and after shaking and was full of operating content during the tests. The structural integrity of the component attachment system and force-resisting systems was maintained.

UNIT UNDER TEST (UUT) Summary Sheet



UUT-06a,b

DCL Project Number: 13122-2201

Manufacturer: Global Plasma Solutions (GPS)

Product Line: GPS iMOD

Model Number: GPS-iMOD-6-Snap

Mounting: Rigid / Isolated Wall Mount

Product Construction Summary: UL94VO Composite

Options / Component Summary:

Power cable with connectors, 6-inch ionization bar sections, end cap, and ion detector sensor.

Unit Mounting Description:

UUT-06a,b was mounted to the DCL wall fixture with (4) #8 self-tapping screws, one per connection, into 18 gage sheet metal. The span between the screws varied from left to right: 3", 63" and 3", respectively. 18 gage sheet metal backed the two 3" spans, but the 63" span was unsupported. For the isolated shake (UUT-06b), the DCL wall fixture was mounted on (4) VMC M2SSH-1E-530N spring isolators. Isolators were mounted to the shake table interface plate with (4) ½" diameter, grade 5 bolts each. Each isolator had a single ¾" diameter, grade 5 bolt to connect to the DCL wall fixture.

UUT Properties

Operating Weight (lb)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
3.2	1.0	73.3	3.0	N/A	N/A	N/A

Seismic Test Parameters

Building Code	Test Criteria	Sds (g)	z/h	Ip	Aflx-H (g)	Arig-H (g)	Aflx-V (g)	Arig-V (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.68	1.68
		2.5	0.0					



Figure 1. Overall view of UUT-06a



Figure 2. Overall view of UUT-06b



Figure 3. Close-up overall view of UUT-06a,b

Note: The UUT was operational before and after shaking and was full of operating content during the tests. The structural integrity of the component attachment system and force-resisting systems was maintained.

UNIT UNDER TEST (UUT)

Summary Sheet



UUT-07a,b

DCL Project Number: 13122-2201

Manufacturer: Global Plasma Solutions (GPS)

Product Line: GPS iMOD

Model Number: GPS-iMOD-Nylon

Mounting: Rigid / Isolated Wall Mount

Product Construction Summary: Nylon

Options / Component Summary: Power Supply

Unit Mounting Description:

UUT-07a,b was attached to the DCL wall fixture with (4) #8 self-tapping screws, one in each corner. For the isolated shake (UUT-07b), the DCL wall fixture was mounted on (4) VMC M2SSH-1E-530N spring isolators. Isolators were mounted to the shake table interface plate with (4) ½” diameter, grade 5 bolts each. Each isolator had a single ¾” diameter, grade 5 bolt to connect to the DCL wall fixture.

UUT Properties

Operating Weight (lb)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
4.6	5.0	4.3	9.0	N/A	N/A	N/A

Seismic Test Parameters

Building Code	Test Criteria	Sds (g)	z/h	Ip	Aflx-H (g)	Arig-H (g)	Aflx-V (g)	Arig-V (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.68	1.68
		2.5	0.0					



Figure 1. Overall view of UUT-07a



Figure 2. Overall view of UUT-07b



Figure 3. Close up overall view of UUT-07a,b

Note: The UUT was operational before and after shaking and was full of operating content during the tests. The structural integrity of the component attachment system and force-resisting systems was maintained.

UNIT UNDER TEST (UUT) Summary Sheet



UUT-08a,b

DCL Project Number: 13122-2201

Manufacturer: Global Plasma Solutions (GPS)

Product Line: GPS iMOD

Model Number: GPS-iMOD-Nylon with NEMA

Mounting: Rigid / Isolated Wall Mount

Product Construction Summary: Nylon power supply box and fiberglass / NEMA 4x enclosure

Options / Component Summary: Power supply box and fiberglass / NEMA 4x enclosure

Unit Mounting Description:

UUT-08a,b was attached to the DCL wall fixture with (4) ¼" diameter, grade 5 bolts with channel nuts, one on each corner, slotted into 12 gage unistruts. For the isolated shake (UUT-08b), the DCL wall fixture was mounted on (4) VMC M2SSH-1E-530N spring isolators. Isolators were mounted to the shake table interface plate with (4) ½" diameter, grade 5 bolts each. Each isolator had a single ¾" diameter, grade 5 bolt to connect to the DCL wall fixture.

UUT Properties

Operating Weight (lb)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
16.4	6.3	13.5	15.5	N/A	N/A	N/A

Seismic Test Parameters

Building Code	Test Criteria	Sds (g)	z/h	Ip	Aflx-H (g)	Arig-H (g)	Aflx-V (g)	Arig-V (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.68	1.68
		2.5	0.0					



Figure 1. Overall view of UUT-08a



Figure 2. Overall view of UUT-08b



Figure 3. Close up overall view of UUT-08a,b

Note: The UUT was operational before and after shaking and was full of operating content during the tests. The structural integrity of the component attachment system and force-resisting systems was maintained.