



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0469

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Philips Healthcare

Manufacturer's Technical Representative: Albert Wang

Mailing Address: 258 Zhong Yuan Road, Suzhou Industrial Park, Jiangsu Province 215024

Telephone: +86 21 2412 8165

Email: albert.wang@philips.com

Product Information

Product Name: See Certified Product Listing Tables

Product Model Number(s): See Certified Product Listing Tables

Product Category: CT Systems

Product Sub-Category: CT Systems

General Description: Multiple component systems for the provision of Computed Tomography medical diagnostic imaging. Seismic certification is limited to system components listed in Certified Product Listing Tables for CT functions related to diagnostic assessment of trauma injuries.

Mounting Description: Base Mounted Rigid

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

Applicant Information

Applicant Company Name: Pre Compliance

Contact Person: Galen Reid

Mailing Address: 324 NW Hill St., Bend, OR 97703

Telephone: (541) 241-2310

Email: galen@go-pre.com

Title: Principal & Program Manager



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: PRE COMPLIANCE

Name: Andrew Coughlin

California License Number: S6082

Mailing Address: 324 NW Hill St, Bend, OR 97703

Telephone: (415) 635-8461

Email: Andy@go-pre.com

Certification Method

☐ GR-63-Core

☒ ICC-ES AC156

☐ IEEE 344

☐ IEEE 693

☐ NEBS 3

☐ Other (Please Specify): _____

Testing Laboratory

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)

Contact Person: Jeremy Lange

Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513

Telephone: (972) 247-9657

Email: Jeremy@etldallas.com

BY: Mohammad Karim

DATE: 10/30/2025



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Seismic Parameters

Certified Response Spectral Acceleration Factors:(F_p/W_p)

Horizontal (A Flx-H), g= 3.20 (A Rig-H), g= 2.15

Vertical (A Flx-V), g= 1.67 (A Rig-V), g= 0.67

SDS (Design spectral response acceleration at short period, g) = SDS = 2.00 (z/h = 1); SDS = 2.50 (z/h = 0)

H_f (Force amplification height factor) = 1.0 @ z/h = 0, 3.5 @ z/h = 1

R_u (Structure ductility reduction factor) = 1.0 @ z/h = 0, 1.3 @ z/h = 1

I_p (Importance factor) = 1.5

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

HCAI Approval (For Office Use Only) - Approval Expires on 10/31/2031

Date: 10/30/2025

Name: Mohammad Karim

Title: Supervisor, Health Facilities

Condition of Approval (if applicable): _____

OSP-0469

BY: Mohammad Karim

DATE: 10/30/2025

Manufacturer: Philips Healthcare
Product Type: CT Systems
Model Line: Brilliance Big Bore CT Base System
 Brilliance Big Bore CT for Oncology

Seismic Parameters

$S_{DS} = 2.00g$ for $R_{\mu}=1.3, H_f=3.5$
 $S_{DS} = 2.50g$ for $R_{\mu}=1.0, H_f=1.0$

 $I_p=1.5$

Building Codes

CBC 2025

TABLE 1

Mounting Configuration: Base Mounted - Rigid

Component	Description	Part Number	Max. Dimensions (in)			Wt. (lb)	UUT
			D	W	H		
Gantries	Gantry, Brilliance Big Bore	459800746192	39	99	78.7	4511	1602-1
	LH Actuator, Seismic	459800121282					
	RH Actuator, Seismic	459800121292					
Patient Tables	Patient Support, Bariatric ¹	453567391361	107.4	22.7	25.4 (min)	908	1602-2
Consoles	LCC CRC Rack DVI (Granite) ² including:	455012005711	35.5	24	29.9	307	1503-A3
	Common Host Computer (CRC) (HP z440)	459800918411					
	CIRS Computer (HP z840)	459800914091					
	LCC CRC Rack DVI (Granite) ² including:	455012005711	35.5	24	29.9	307	Interp.
	Common Host Computer (CRC) (HP z440)	459800918411					
	CIRS Computer (HP z840)	459800914241					
	LCC CRC Rack DVI (Granite) ² including:	455012005711	35.5	24	29.9	307	Interp.
	Common Host Computer (CRC) (HP z440)	459800918411					
	CIRS Computer (HP z840)	459801313471					
	CRC Rack IMR (Granite including: ²	459800444991	35.5	24	29.9	316	1503-A1
	CIRS Computer S1 (HP z840)	459800912731					
	CIRS Computer S2 (HP z840)	459800914211					
	CRC Rack (Avnet) including: ³	459801089011	35.6	24	29.9	318	Interp.
	Common Host Computer (CRC) (HP z440)	459800918411					
	CIRS Computer (HP z840)	459801313471					
	CRC Rack (Avnet) including: ³	459801089011	35.6	24	29.9	318	1713-1
	Common Host Computer (CRC) (HP z440)	459801304931					
	CIRS Computer (HP z840)	459801305071					

¹Patient table weight does not include 500 lb patient load present during testing.

²Component requires use of Philips Healthcare Seismic Kit (Part No. 4598 008 81561 or equivalent)

³Component requires use of Philips Healthcare Seismic Kit (Part No. 4598 013 57921 or equivalent)



Manufacturer:	Philips Healthcare
Product Type:	CT Systems
Model Line:	Brilliance Big Bore CT Base System Brilliance Big Bore CT for Oncology

$S_{DS} = 2.00g$ for $R_\mu=1.3, H_f=3.5$	$I_p=1.5$
$S_{DS} = 2.50g$ for $R_\mu=1.0, H_f=1.0$	

CBC 2025

Mounting Configuration: Base Mounted - Rigid

⁵Component is anchored to a rigid fixed support such as a built-in countertop or desktop and requires use of Philips Healthcare CT Box Seismic Mounting Strip (Part No. 4598 011 47561 or equivalent)

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Manufacturer: Philips Healthcare
Product Type: CT Systems
Model Line: Philips CT Big Bore Base System
 Philips CT Big Bore Base System, IMR

Seismic Parameters

$S_{DS} = 2.00g$ for $R_{\mu}=1.3, H_f=3.5$
 $S_{DS} = 2.50g$ for $R_{\mu}=1.0, H_f=1.0$

 $I_p=1.5$

Building Codes

CBC 2025

TABLE 2

Mounting Configuration: Base Mounted - Rigid

Component	Description	Part Number	Max. Dimensions (in)			Wt. (lb)	UUT
			D	W	H		
Gantries	Gantry, Brilliance Big Bore ^{2,6}	459800746192	39	99	78.7	4511	1602-1
	LH Actuator, Seismic	459800121282					
	RH Actuator, Seismic	459800121292					
	Gantry, Brilliance Big Bore ²	459801479581	39	99	78.7	4503	Interp.
	LH Actuator, Seismic	459800121282					
	RH Actuator, Seismic	459800121292					
	Gantry, Ingenuity ⁶	459800708861	37	93	78.9	4336	1603-4
	LH Actuator, Seismic	459800121282					
	RH Actuator, Seismic	459800121292					
Patient Tables	Patient Support, Bariatric ^{1,2}	453567391363	107.4	22.7	25.4	908	1602-2
Consoles	LCC CRC Rack (Avnet) including: ³	459801540281	35	24	30	309	1806-3
	CT Gen 5.3 IDose CIRS, Z8 + ACQ (HP Z8)	459801493311					
	Host z4, Kbd, Mouse, CAN, Adaptor (HP Z8)	459801493301					
	CRC Rack IMR (Avnet) including: ⁴	459801286611	35	24	30	340	1806-4
	CT Gen 5.3 IMR CIRS S1, Z8 + ACQ (HP Z8)	459801626701					
	CT Gen 5.3 IMR CIRS S2, Z8 + (HP Z8)	459801626691					
	Host Rack IMR (Avnet) including: ⁵	459801287961	35	13	30	189	1806-5
	Host z4, Kbd, Mouse, CAN, Adaptor (HP Z4)	459801493301					
	LCC CRC Rack (Avnet) including:	300009654921					
	CT IDose CIRS G5 PC	300013076051	35.6	24	29.9	397	Interp.
	CT Host Z4 G5 PC	300013076091					

¹Patient table weight does not include 500 lb patient load present during testing.

²Component requires use of Philips Healthcare Seismic Kit (Part No. 4598 008 81561 or equivalent)

³LCC CRC Rack requires use of Philips Seismic Kit (Part No. 459801561661 or equivalent)

⁴CRC Rack IMR requires use of Philips Seismic Kit (Part No. 459801561811 or equivalent)

⁵Host Rack IMR requires use of Philips Seismic Kit (Part No. 459801561671 or equivalent)

⁶Model is included only for purpose of interpolation and not used with the CT system(s) identified in this table.



Manufacturer:	Philips Healthcare
Product Type:	CT Systems
Model Line:	Philips CT Big Bore Base System Philips CT Big Bore Base System, IMR

Building Codes

$S_{DS} = 2.00g$ for	$R_\mu=1.3, H_f=3.5$	$I_p=1.5$
$S_{DS} = 2.50g$ for	$R_\mu=1.0, H_f=1.0$	

CBC 2025

Mounting Configuration: Base Mounted - Rigid

[illegible]

⁷Component is anchored to a rigid fixed support such as a built-in countertop or desktop and requires use of Philips Healthcare CT Box Seismic Mounting Strip (Part No. 4598 011 47561 or equivalent)

⁸LCC CRC Rack requires use of Philips Seismic Kit (Part No. 459801561661 or equivalent)

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1602-1

Test Lab: ETL

Manufacturer: Philips Healthcare
Product Name: Brilliance Big Bore CT Gantry
Model Number: 459800746192
Serial Number: N/A

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
39	99	78.7	4511

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
4.4	4.8	23.6

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

Component of the Brilliance Big Bore CT System

UUT Mounting Details:

OSP-0469



UUT was rigid base mounted using (8) 3/4" Grade 8 bolts.

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1602-2

Test Lab: ETL

Manufacturer: Philips Healthcare (Suzhou) Co., Ltd.
Product Name: Brilliance Big Bore Patient Support
Model Number: 453567391361
Serial Number: 921012

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in) ¹	Weight (lbs.) ²
107.4	22.7	36	1408

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
7.3	3.3	4.7

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

Component of the Brilliance Big Bore CT System

UUT Mounting Details:

OSP-0469



¹Tested height presented here is normal operating height. Minimum height is 25.4".

²Weight presented here includes 500 lbs. of simulated patient weight.

UUT was rigid base mounted using (5) 5/8" Grade 8 bolts.

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1503-A1

Test Lab: ETL

Manufacturer: Philips Medical Systems (Cleveland), Inc. & Granite MEDSYSTEMS

Product Name: CRC Rack IMR

Model Number: 459800444991

Serial Number: N/A

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.5	1.3	3.5	1.5	4.00	2.69	1.67	0.67

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
35.5	24	29.9	316

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
6.6	8.1	9.2

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

CRC Rack IMR including:
CIRS S1 (CIRS, HP z840 E5-2630v3 4Drv, SN5BP, ACQ4e)
CIRS S2 (CIRS, HP z840 E5-2630v3 No Raid, SN5BP)
Gen 5.X Console Seismic Kit (Part: 4598 008 81561)

UUT Mounting Details:



UUT was rigid base mounted using (4) 3/8" Allen head cap screws to aluminum interface plate.
Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1503-A3

Test Lab: ETL

Manufacturer: Philips Medical Systems (Cleveland), Inc. & Granite MEDSYSTEMS

Product Name: LCC CRC Rack DVI

Model Number: 455012005711

Serial Number: N/A

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.5	1.3	3.5	1.5	4.00	2.69	1.67	0.67

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
35.5	24	29.9	307

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
9.4	5.6	20.8

Building Codes

CBC 2025

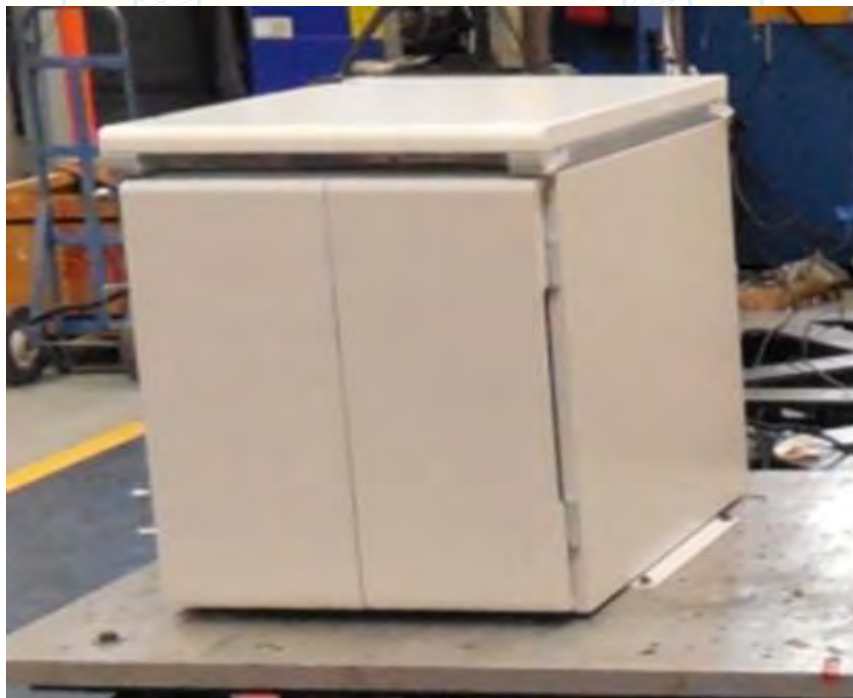
Test Criteria

ICC-ES AC156

Description

LCC CRC Rack DVI including:
 Common Host Computer (CRC) (Host, HP z440, CAN, Adaptor)
 CIRS Computer (CIRS, HP z840 E5-2620v3 4Drv, SN5BP, ACQ4e)
 Gen 5.X Console Seismic Kit (Part: 4598 008 81561)

UUT Mounting Details:



UUT was rigid base mounted using (4) 3/8" Allen head cap screws to aluminum interface plate.
 Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1603-6

Test Lab: ETL

Manufacturer: Philips Medical Systems (Cleveland), Inc. & Vexos

Product Name: CT Box Assembly (Vexos)

Model Number: 453567027195

Serial Number: 232

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
4	15.8	3.5	4

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
22.4	>33.3	>33.3

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

CT Box. Component of the Ingenuity CT System.
Unit is common to multiple CT systems.

UUT Mounting Details:

OSP-0469



UUT was rigid base mounted using (2) - 2" x 1" Velcro strips.

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1707-4

Test Lab: ETL

Manufacturer: Philips Medical Systems (Cleveland), Inc. & Grayhill Electronics (Shenzhen) Co.

Product Name: CT Box Assembly (Grayhill)

Model Number: 459800484611

Serial Number: 000841

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
4	15.8	3.5	4

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
>33.3	>33.3	>33.3

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

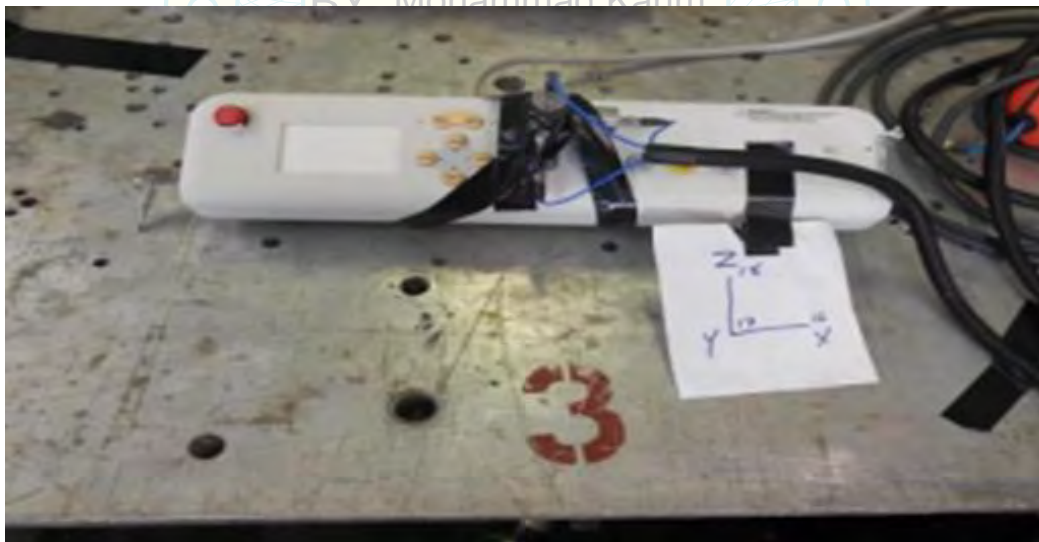
Description

CT Box. Component of the Brilliance Big Bore CT & Ingenuity CT Systems.

UUT Mounting Details:

OSP-0469

BY: Mohammad Karim



UUT was rigid base mounted using (2) - Philips Healthcare CT Box Seismic Mounting Strip (P/N 459801147561) at each of two legs.

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1713-1

Test Lab: ETL

Manufacturer: Philips Medical Systems (Cleveland) Inc. & Avnet Technology Solutions (Tianjin) Ltd.

Product Name: CRC Rack (Avnet)

Model Number: 459801089011, 459801304931, 459801305071

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
35.5	24	29.9	317.5

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
12.58	11.54	21.43

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

CRC Rack (Avnet) including:
 -Common Host Computer (CRC) (HP z440): UPD Host z440, Kbd, Mouse, CAN, Adapter
 -CIRS Computer (HP z840): UPD Host z440, Kbd, Mouse, CAN, Adapter
 -CRC Rack Seismic package KIT (459801357921)

UUT Mounting Details:



UUT was rigid base mounted using (4) 3/8" SAE J429 Grade 8 bolts to aluminum interface plate.
 Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1806-3

Test Lab: ETL

Manufacturer: Avnet Technology Solutions (Tiajin) Ltd., HP, & Philips Healthcare (Suzhou) Co., Ltd.

Product Name: LCC CRC Rack (Avnet)

Model Number: 459801540281, 459801493311, 59801493301

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
35	24	30	309

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
16.26	22.41	16.87

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

Gen 5.3 CRC Rack (Avnet)
Component of the Big Bore, iCT, and Ingenuity CT Systems
-CT Gen5.3 iDose CIRS, Z8 + ACQ (HP), Part: 459801493311
w/1TB NVMe SSD, Part: MZVLB1T0HALR-000H2 Host z4, Kbd, Mouse, CAN, Adaptor, Part: 459801493301
-2TB NVMe SSD, Part: MZVLB2T0HMLB-000H1

UUT Mounting Details:



UUT was rigid base mounted using (4) 3/8" SAE J429 Grade 8 bolts to aluminum interface plate.

Requires Seismic Kit 12NC (P/N: 459801561661)

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1806-4

Test Lab: ETL

Manufacturer: Avnet Technology Solutions (Tiajin) Ltd., HP, & Philips Healthcare (Suzhou) Co., Ltd.

Product Name: CRC Rack IMR (Avnet)

Model Number: 459801286611, 459801626701, 459801626691

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
35	24	30	340

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
21.63	15.66	16.29

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

Gen 5.3 CRC Rack IMR (Avnet)
Component of the Big Bore, iCT, and Ingenuity CT Systems
-CT Gen5.3 IMR CIRS S1, Z8 + ACQ (HP), Part: 459801626701
-CT Gen5.3 IMR CIRS S2, Z8 (HP), Part: 459801626691
-2TB NVMe SSD, Part: MZVLB2T0HMLB-000H1

OSP-0469

UUT Mounting Details:



UUT was rigid base mounted using (4) 3/8" SAE J429 Grade 8 bolts to aluminum interface plate.

Requires Seismic Kit 12NC (P/N: 459801561881)

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1806-5

Test Lab: ETL

Manufacturer: Avnet Technology Solutions (Tiajin) Ltd., HP, & Philips Healthcare (Suzhou) Co., Ltd.

Product Name: Host Rack IMR (Avnet)

Model Number: 459801287961, 459801493301

Serial Number: AVTHOSTIMR00002

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
35	13	30	189

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
13.03	>33.3	25.9

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

Gen 5.3 Host Rack IMR (Avnet)
Component of the Big Bore, iCT, and Ingenuity CT Systems
-Host Z4, Kbd, Mouse, CAN, Adaptor (HP), Part: 459801493301

OSP-0469

UUT Mounting Details:



UUT was rigid base mounted using (4) 3/8" SAE J429 Grade 8 bolts to aluminum interface plate.

Requires Seismic Kit 12NC (P/N: 459801561671)

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1603-4

Test Lab: ETL

Manufacturer: Philips Medical Systems (Cleveland), Inc.

Product Name: Ingenuity CT System Gantry

Model Number: 459800708861

Serial Number: 80680

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
37	93.5	78.9	4336

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
7.0	6.5	22.2

Building Codes

CBC 2025

Test Criteria

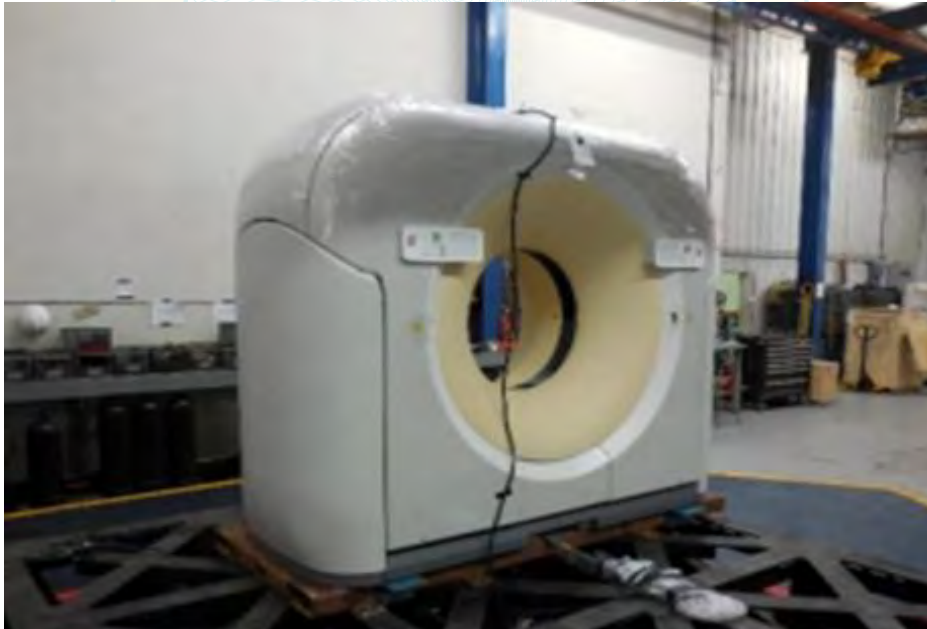
ICC-ES AC156

Description

Component of the Ingenuity CT System

UUT Mounting Details:

OSP-0469



UUT was rigid base mounted using (8) 3/4" SAE J429 Grade 8 bolts.

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 12

Test Report#

25T04X801120-001
(UUTs 1-3)

Test Lab: CAICT
Test Date: 7/15/2025

Manufacturer: Avnet Technology Solutions (Tiajin) Ltd. & Philips Healthcare (Suzhou) Co., Ltd.

Product Name: CRC Rack IMR (Avnet)

Model Number: 300009655241

Serial Number: N/A

Highest Passed Test Level

S_{DS}	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
2.5	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
35.6	24.0	29.9	397

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
7.8	11.13	21.9

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Description

CRC RACK IMR (Avnet)
Component of the Big Bore, iCT, and Ingenuity CT Systems
-CT IMR CIRS Master G5 PC, Part: 300013076061
-CT Host Z4 G5 PC, Part: 300013076091

OSP-0469

UUT Mounting Details:



UUT was rigid base mounted using (4) M10 bolts to steel interface plate.

Requires Seismic Kit 12NC (P/N: 459801561661)

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.