

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

APPLICATION FOR HCAI SPECIAL SEISMIC	OFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #: OSP-0469
HCAI Special Seismic Certification Preapproval (OSP)	
Type: New X Renewal	
Manufacturer Information	
Manufacturer: Philips Healthcare	
Manufacturer's Technical Representative: Albert Wang	
Mailing Address: 258 Zhong Yuan Road, Suzhou Industrial Park, Jiangsu Pr	rovince 215024
Telephone: +86 21 2412 8165	hilips.com
Product Information	
Product Name: See Certified Product Listing Tables	10.
Product Model Number(s): See Certified Product Listing Tables	
Product Category: CT Systems	92
Product Sub-Category: CT Systems	
General Description: Multiple component systems for the provision of Co Seismic certification is limited to system component functions related to diagnostic assessment of traum	ts listed in Certified Product Listing Tables for CT
Mounting Description: Base Mounted Rigid	######################################
Tested Seismic Enhancements: Seismic enhancements made to the test anomalies during the tests shall be incorporate.	units and/or modifications required to address porated into the production units.
Applicant Information	
Applicant Company Name: Pre Compliance	D.
Contact Person: Galen Reid	
Mailing Address: 324 NW Hill St., Bend, OR 97703	
Telephone: (541) 241-2310 Email: galen@go-pre.co	om

"A healthier California where all receive equitable, affordable, and quality health care"

Title: Principal & Program Manager



10/30/2025 OSP-0469 Page 1 of 19

STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY



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

California Licensed Structu	ural Engineer F	Respons	ible for the Engine	ering and Test Rep	ort(s)
Company Name: PRE COMPL	IANCE				
Name: Andrew Coughlin			California Licer	nse Number: S6082	
Mailing Address: 324 NW Hill S	St, Bend, OR 977	03			
Telephone: (415) 635-8461		_ Email:	Andy@go-pre.com		
Certification Method					
GR-63-Core X	CC-ES AC156	.	IEEE 344	IEEE 693	NEBS 3
Other (Please Specify):					
Testing Laboratory					
Company Name: ENVIRONME	NTAL TESTING	LABORA	TORIES, INC. (ETL)		
Contact Person: Jeremy Lang	e (K)	L			
Mailing Address: 11034 Indian	Trail, Dallas TX	75229-35	13	2	
Telephone: (972) 247-9657	N L	Email:	Jeremy@etldallas.c	om	
	o BY	: Moha	ammad Karim		
	C DA	TE: 1	0/30/2025	225	
	FORNI	4 01		54.	

All In





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

Seismic Parameters

Certified Response Spectral Acceleration Factors:(Fp/Wp)

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)

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

Ru (Structure ductility redution factor) = 1.0 @ z/h = 0, 1.3 @ z/h = 1

Ip (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):

BY: Mohammad Karim

DATE: 10/30/2025



STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY







SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Pre No. CC241619-01-R0

Manufacturer: Philips Healthcare Product Type: CT Systems

Brilliance Big Bore CT Base System

Brilliance Big Bore CT for Oncology

Seismic Parameters

Building Codes

 $S_{DS} = 2.00g$ for $R_{\mu}=1.3$, I

 $S_{DS} = 2.50g$ for

 R_{μ} =1.3, H_f =3.5 R_u =1.0, H_f =1.0

 $I_{\rm p} = 1.5$

CBC 2025

TABLE 1

Model Line:

Mounting Configuration: Base Mounted - Rigid

6	December 1 and 1 a	Dant November	Max. D	imensi	ons (in)	Wt.	
Component	Description	Part Number	D	W	Н	(lb)	UUT
	Gantry, Brilliance Big Bore	459800746192					
Gantries	LH Actuator, Seismic	459800121282	39	99	78.7	4511	1602-1
	RH Actuator, Seismic	459800121292					
Patient Tables	Patient Support, Bariatric ¹	453567391361	107.4	22.7	25.4 (min)	908	1602-2
	LCC CRC Rack DVI (Granite) ² including:	455012005711	2				
	Common Host Computer (CRC) (HP z440)	4459800918411	35.5	24	29.9	307	1503-A
	CIRS Computer (HP z840)	459800914091					
	LCC CRC Rack DVI (Granite) ² including:	455012005711	O			307	
	Common Host Computer (CRC) (HP z440)	459800918411	35.5	24	29.9		Interp.
	CIRS Computer (HP z840)	459800914241	0				
	LCC CRC Rack DVI (Granite) ² including:	455012005711		5 24		307	
Consoles	Common Host Computer (CRC) (HP z440)	459800918411	35.5		29.9		Interp
	CIRS Computer (HP z840)	459801313471					
	CRC Rack IMR (Granite including: ²	459800444991					
	CIRS Computer S1 (HP z840)	459800912731	35.5	24	29.9	316	1503-A1
	CIRS Computer S2 (HP z840)	459800914211					
	CRC Rack (Avnet) including: ³	459801089011					
	Common Host Computer (CRC) (HP z440)	459800918411	35.6	6 24	29.9	318	Interp.
	CIRS Computer (HP z840)	459801313471					
	CRC Rack (Avnet) including: ³	459801089011					
	Common Host Computer (CRC) (HP z440)	459801304931	35.6	24	29.9	318	1713-1
	CIRS Computer (HP z840)	459801305071					

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

Pre Compliance www.go-pre.com (541) 241-2310

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)



SPECIAL SEISMIC CERTIFICATION **CERTIFIED COMPONENTS**

Pre No. CC241619-01-R0

Manufacturer: Philips Healthcare Product Type: CT Systems

Brilliance Big Bore CT Base System

Brilliance Big Bore CT for Oncology

Seismic Parameters

Building Codes

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

 $I_{p} = 1.5$

CBC 2025

Model Line:

Mounting Configuration: Base Mounted - Rigid

 $S_{DS} = 2.50g$ for $R_u=1.0$, $H_f=1.0$

Consoles LCC CRC Rack (Avnet) including: 300009654921 CT IDose CIRS G5 PC 300013076051 CRC RACK IMR (Avnet) including: 300009655241 CT IMR CIRS Master G5 PC 300013076061 CT Host Z4 G5 PC 300013076061 CT Host Z4 G5 PC 300013076091 CT Box Assembly (Vexos) ⁵ 453567027195 4 15.8 3.5 4 1603-	0	Description	Don't Novel and	Max. D	imensio	ons (in)	Wt.		
Consoles CT IDose CIRS G5 PC 300013076051 35.6 24 29.9 397 Interp CT Host Z4 G5 PC 300013076091 CRC RACK IMR (Avnet) including: 300009655241 CT IMR CIRS Master G5 PC 300013076061 35.6 24 29.9 397 12 CT Host Z4 G5 PC 300013076091 CT Box Assembly (Vexos) ⁵ 453567027195 4 15.8 3.5 4 1603- CT Box Assembly (Grayhill) ⁵ P 459800484611 4 15.8 3.5 4 1707-	Component	Description	Part Number	D	w	Н	(lb)	001	
CRC RACK IMR (Avnet) including: 300009655241 CT IMR CIRS Master G5 PC 300013076061 35.6 24 29.9 397 12 CT Host Z4 G5 PC 300013076091 CT Box Assembly (Vexos) ⁵ 453567027195 4 15.8 3.5 4 1603- CT Box Assembly (Grayhill) ⁵ P 459800484611 4 15.8 3.5 4 1707-	_	CT IDose CIRS G5 PC	300013076051	35.6	24	29.9	397	Interp.	
Miscellaneous CT Box Assembly (Vexos) ⁵ 453567027195 4 15.8 3.5 4 1603- CT Box Assembly (Grayhill) ⁵ SP 459800484611 4 15.8 3.5 4 1707- BY: Mohammad Karim	Consoles	CT IMR CIRS Master G5 PC	300013076061	35.6	24	29.9	397	12	
CT Box Assembly (Grayhill) 5 SP_(14459800484611		A AIII III		14	15.8	3.5	4	1603-6	
O BY: Mohammad Karim O	Miscellaneous		459800484611	4	15.8	3.5	4	1707-4	
		R		m					
		PV: Mohami	Mad Karin						
DATE: 10/30/2025 BUILDING		O DY. WOHAITH	nau Kanin						
BUIL DING		DATE: 10/8	20/2025						
BUIL DING		Z DAIL.							
PANA BUIL DING				29/					
		0							
BUILDING		TVI III							
		BUIL	DING						
								-	

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)

Pre Compliance (541) 241-2310 www.go-pre.com

10/30/2025 OSP-0469 Page 5 of 19



SPECIAL SEISMIC CERTIFICATION **CERTIFIED COMPONENTS**

Pre No. CC241619-01-R0

Manufacturer: Philips Healthcare Product Type: CT Systems

Philips CT Big Bore Base System

Model Line: Philips CT Big Bore Base System, IMR **Seismic Parameters**

Building Codes

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

 $I_{n}=1.5$

CBC 2025

Mounting Configuration: Base Mounted - Rigid

 $S_{DS} = 2.50g$ for $R_u=1.0$, $H_f=1.0$

C	Description	Don't Name has	Max. D	Max. Dimensions (in)			шт
Component	Description	Part Number	D	W	Н	(lb)	UUT
	Gantry, Brilliance Big Bore ^{2,6}	459800746192					
	LH Actuator, Seismic	459800121282	39	99	78.7	4511	1602-1
	Gantry, Brilliance Big Bore ^{2,6} LH Actuator, Seismic RH Actuator, Seismic Gantry, Brilliance Big Bore ² 45986 Gantry, Brilliance Big Bore ² 45986 Gantry, Brilliance Big Bore ² LH Actuator, Seismic RH Actuator, Seismic Gantry, Ingenuity ⁶ LH Actuator, Seismic HA Actuator, Seismic CORC Rack (Avnet) including: ³ LCC CRC Rack (Avnet) including: ⁴ CT Gen 5.3 IMR CIRS S1, Z8 + ACQ (HP Z8) CT Gen 5.3 IMR CIRS S1, Z8 + ACQ (HP Z8) CT Gen 5.3 IMR CIRS S2, Z8 + (HP Z8) Host Z4, Kbd, Mouse, CAN, Adaptor (HP Z8) CT Gen 5.3 IMR CIRS S2, Z8 + (HP Z8) Host Rack IMR (Avnet) including: ⁵ Host Rack IMR (Avnet) including: ⁵ Host Z4, Kbd, Mouse, CAN, Adaptor (HP Z4) LCC CRC Rack (Avnet) including: 30000 (HP Z4) LCC CRC Rack (Avnet) including: 30000 CT IDose CIRS G5 PC 3000	459800121292					
		459801479581					
Gantries		459800121282	39	99	78.7	4503	Interp.
	RH Actuator, Seismic Gantry, Brilliance Big Bore ² LH Actuator, Seismic RH Actuator, Seismic Gantry, Ingenuity ⁶ LH Actuator, Seismic RH Actuator, Seismic RH Actuator, Seismic Patient Support, Bariatric ^{1,2} LCC CRC Rack (Avnet) including: ³ CT Gen 5.3 IDose CIRS, Z8 + ACC (HP Z8) Host z4, Kbd, Mouse, CAN, Adapto (HP Z8)	459800121292					
	Gantry, Ingenuity ⁶	459800708861	17				
	LH Actuator, Seismic	459800121282	37	93	78.9	4336	1603-4
	RH Actuator, Seismic	459800121292					
Patient Tables	Patient Support, Bariatric ^{1,2}	453567391363	107.4	22.7	25.4	908	1602-2
		459801540281	20	24		309	
	CT Gen 5.3 IDose CIRS, Z8 + ACQ	459801493311	35		30		1806-3
		459801493301	0				
	CRC Rack IMR (Avnet) including:4	459801286611	/			340	
Canadas		459801626701	35	5 24	30		1806-4
Consoles		459801626691					
	Host Rack IMR (Avnet) including: ⁵	459801287961					
	Host z4, Kbd, Mouse, CAN, Adaptor	459801493301	35	13	30	189	1806-5
	LCC CRC Rack (Avnet) including:	300009654921					
		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.

Pre Compliance www.go-pre.com (541) 241-2310

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.



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Pre No. CC241619-01-R0

Manufacturer: Philips Healthcare Product Type: CT Systems

Philips CT Big Bore Base System

Philips CT Big Bore Base System, IMR

Seismic Parameters

Building Codes

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

g for $R_{\mu}=1.3$, $H_{f}=3.5$ g for $R_{\mu}=1.0$, $H_{f}=1.0$

 $I_{p} = 1.5$

CBC 2025

TABLE 2

Model Line:

Mounting Configuration: Base Mounted - Rigid

 $S_{DS} = 2.50g$ for

Component	Description	Part Number	Max. D	imensio W	ons (in)	Wt. (lb)	UUT
Consoles	CRC RACK IMR (Avnet) including: ⁸ CT IMR CIRS Master G5 PC CT Host Z4 G5 PC	300009655241 300013076061 300013076091	35.6	24	29.9	397	12
Miscellaneous	CT Box Assembly (Grayhill) ⁷	459801478151	4	15.8	3.5	4	1707-4
			7				
	OSP-0	469					
	The state of the s		m				
	BY: Moham	mad Karim					
	U DI.						
	DATE: 10/	30/2025	10				
	7 Dilli						
			7				
	PA						
	VIA						
	BUIL	DING					

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)

Pre Compliance www.go-pre.com (541) 241-2310



UUT 1602-1

Test Lab: ETL

1.67

0.67

Manufacturer: Philips Healthcare

Product Name: Brilliance Big Bore CT Gantry

Model Number: 459800746192

Serial Number: N/A **Highest Passed Test Level**

S_{DS} $\mathbf{A}_{\text{flx-v}}$ R_{μ} H_{f} A_{flx-h} A_{rig-h} A_{rig-v}

2.0 1.3 3.5 1.5 3.20 2.15

2.5 1.0 1.0

Lowest Natural Frequency (Hz)

Dimensions/Weights Depth (in) Width (in) Height (in) Weight (lbs.) Front-Back Side-Side Vertical 39 99 78.7 4511 4.4 4.8 23.6

Building Codes

Test Criteria

Description

CBC 2025

ICC-ES AC156

Component of the Brilliance Big Bore CT System

UUT Mounting Details:



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



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}	\mathbf{A}_{flx-v}	A _{rig-v}			
2.0	1.3	3.5	15	3 20	2.15	1 67	0.67			
2.5	1.0	1.0	1.0	0.20	2.10	1.07	0.07			

Dimensions/Weights

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

Lowest Natural Frequency (Hz) Front-Back Side-Side Vertical 7.3 4.7

Building Codes

Test Criteria

Description

3.3

CBC 2025

ICC-ES AC156

Component of the Brilliance Big Bore CT System

UUT Mounting Details:



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

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

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



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

Test Criteria

Description

CBC 2025

ICC-ES AC156

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.



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

N/A

Dimensions/Weights

Depth (in) Width (in) Height (in) Weight (lbs.)

35.5 24 29.9 307

Highest Passed Test Level $\mathbf{A}_{\text{flx-v}}$ SDS R_{μ} H A_{flx-h} A_{rig-h} A_{rig-v} 2.5 1.3 3.5 1.5 4.00 2.69 1.67 0.67

Lowest Natural Frequency (Hz)

Front-Back Side-Side Vertical 9.4 5.6 20.8

Building Codes

Test Criteria

Description

LCC CRC Rack DVI including:

CBC 2025

ICC-ES AC156

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.



 H_{f}

3.5

1.0

UUT 1603-6

SDS

2.0

2.5

 R_{μ}

1.3

1.0

Test Lab: ETL

 A_{rig-h}

2.15

 A_{flx-v}

1.67

 A_{rig-v}

0.67

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

Dimensions/Weights

Vexos

Product Name: CT Box Assembly (Vexos)

Model Number: 453567027195

15.8

Serial Number: 232

Depth (in) Width (in)

4

Lowest Natural Frequency (Hz)

Highest Passed Test Level

 A_{flx-h}

3.20

l_p

1.5

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

Building Codes

CBC 2025 ICC-ES AC156

Height (in)

3.5

Description

CT Box. Component of the Ingenuity CT System.

Unit is common to multiple CT systems.

Weight (lbs.)

4

Test Criteria

UUT Mounting Details:



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



UUT 1707-4

Test Lab: ETL

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

Grayhill Electronics (Shenzhen) Co.

Product Name: CT Box Assembly (Grayhill)

Model Number: 459800484611

Serial Number: 000841

_		A A A		
I Mina	neion	e^{MM}	ala	ate
	ension		GIUI	111.5

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

Highest Passed Test Level										
S _{DS}	R_{μ}	H_{f}	Ιp	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}			
2.0	1.3	3.5	15	3 20	2.15	1 67	0.67			
2.5	1.0	1.0	1.5	5.20	2.10	1.07	0.07			

Lowest Natural Frequency (Hz)

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

Building Codes

CBC 2025

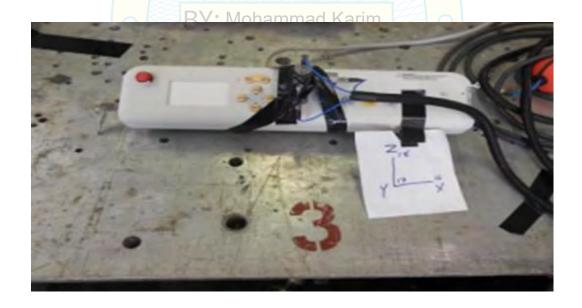
Test Criteria

ICC-ES AC156

Description

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

UUT Mounting Details:



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



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} A_{flx-h} A_{rig-h} A_{flx-v} A_{rig-v} Ιp 2.0 1.3 3.5 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

Test Criteria

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)

CBC 2025

ICC-ES AC156

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.



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 \mathbf{S}_{DS} R_{μ} H_{f} A_{flx-h} A_{rig-h} A_{flx-v} A_{rig-v} 2.0 1.3 3.5 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

Test Criteria

Description

Gen 5.3 CRC Rack (Avnet)

CBC 2025

ICC-ES AC156

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)



UUT 1806-4

Test Lab: ETL

(541) 241-2310

Avnet Technology Solutions (Tiajin) Ltd., HP, & Manufacturer:

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}	Ιp	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}			
2.0	1.3	3.5	15	3 20	2.15	1 67	0.67			
2.5	1.0	1.0	1.5	5.20	2.10	1.07	0.07			

Dimensions/Weights

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

Lowest Natural Frequency (Hz)						
Front-Back	Side-Side	Vertical				
21.63	15.66	16.29				

Building Codes

CBC 2025

Pre Compliance

Test Criteria

Description

ICC-ES AC156

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)



H

UUT 1806-5

SDS

2.0

2.5

R..

Test Lab: ETL

A_{flv_}

(541) 241-2310

Ariah

Avnet Technology Solutions (Tiajin) Ltd., HP, & Manufacturer:

Philips Healthcare (Suzhou) Co., Ltd.

Product Name: Host Rack IMR (Avnet)

Model Number: 459801287961, 459801493301

Serial Number: AVTHOSTIMR00002

μ		Р	117-11	ng-n	IIX-A	iig-v
1.3	3.5	15	3 20	2.15	1 67	0.67
1.0	1.0	1.0	0.20	2.10	1.07	0.07

A_{fly-h}

Highest Passed Test Level

Dimensions/Weights

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

Lowest Natural Frequency (Hz) Front-Back Side-Side Vertical 13.03 >33.3 25.9

Building Codes

Test Criteria

Description

CBC 2025

Pre Compliance

ICC-ES AC156

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)



UUT 1603-4

Test Lab: ETL

Manufacturer: Philips Medical Systems (Cleveland), Inc.

Product Name: Ingenuity CT System Gantry

Model Number: 459800708861

Serial Number: 80680

Dime	nsions	Weia	hts

 Depth (in)
 Width (in)
 Height (in)
 Weight (lbs.)

 37
 93.5
 78.9
 4336

nighest Passed Test Level								
S_{DS}	R_{μ}	H_f	Ιp	A_{flx-h}	\mathbf{A}_{rig-h}	\mathbf{A}_{flx-v}	\mathbf{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						

Lowest Natural Frequency (Hz)

Front-Back Side-Side Vertical 7.0 6.5 22.2

Building Codes

Test Criteria

Description

CBC 2025

ICC-ES AC156

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.



 H_{f}

3.5

1.0

UUT 12 Test Report# 25T04X801120-001 Test Lab: CAICT (UUTs 1-3) Test Date: 7/15/2025

 R_{μ}

1.3

1.0

Manufacturer: Avnet Technology Solutions (Tiajin) Ltd. & Philips

Healthcare (Suzhou) Co., Ltd.

Product Name: CRC Rack IMR (Avnet)

Model Number: 300009655241

Serial Number: N/A

Dimensions/Weights Lowest Natural Frequency (Hz)

S_{DS}

2.0

2.5

 Depth (in)
 Width (in)
 Height (in)
 Weight (lbs.)
 Front-Back
 Side-Side
 Vertical

 35.6
 24.0
 29.9
 397
 7.8
 11.13
 21.9

Building Codes

Test Criteria

Description

Highest Passed Test Level

 A_{flx-h}

3.20

 A_{rig-h}

2.15

 A_{flx-v}

1.67

 A_{rig-v}

0.67

CBC 2025

ICC-ES AC156

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)