

APPLICATION FOR OSHPD SPECIAL SEISMIC	C	FFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #:	OSP – 0622
OSHPD Special Seismic Certification Preapproval (OSP)		
Type: 🛛 New 🗌 Renewal		
Manufacturer Information		
Manufacturer: Philips Healthcare		
Manufacturer's Technical Representative: Curtis Stemm		
Mailing Address: Veenpluis 4-6, 5684 PC Best, The Netherlands		
Telephone: On File		
Product Information	MD,	
Product Name: Vereos PET/CT System OSHPD	F	
Product Type: PET-CT System OSP-0622	- Cri	
Product Model Number: <u>See Attachment 1</u> (List all unique product identification numbers and/or part numbers) State	lin	
General Description: <u>Multiple component diagnostic imaging system</u> (PET) and X-ray Computed Tomography (CT) systems. Seismic certific Attachment 1 for functions related to CT diagnostic Imaging. Seismic enhancements required to address anomalies observed during the test	cation is limited to s enhancements inco	system components listed in propriated into the test units and
Mounting Description: Rigid Base mount / Rigid Wall Mount / See Att		
	OF.	
Applicant Information		
Applicant Company Name: EASE		
Contact Person:Jonathan Roberson, S.E.		
Mailing Address: 5877 Pine Ave, Suite 210, Chino Hills, CA. 91709		
Telephone: (909) 606-7622 Email: j.roberg	son@easeco.com	
I hereby agree to reimburse the Office of Statewide Health F accordance with the California Administrative Code, 2016.	Ū.	
Signature of Applicant:		Date: September 30, 2019
Title: Principal Structural Engineer Company Name: EASE	1	0.01100
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"	AL AMAAAA	OSHPD
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15)	And h he had had	Page 1 of 3



California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: EASE
Name: Jonathan Roberson, S.E. California License Number: S4197
Mailing Address: _5877 Pine Ave, Suite 210, Chino Hills, CA. 91709
Telephone: (909) 606-7622 Email: j.roberson@easeco.com
Supports and Attachments Preapproval
 Supports and attachments are preapproved under OPM- (Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required) Supports and attachments are not preapproved
Certification Method
 Testing in accordance with: ICC-ES AC156 Other (Please Specify): OSP-0622
BY: William Staehlin
Testing Laboratory DATE: 05/13/2021
Company Name: Environmental Testing Laboratory, Inc.
Contact Name: Brady Richard
Mailing Address: 11034 Indian Trail, Dallas, TX. 75229-3513
Telephone: (972) 247-9657 Email: brady@etIdallas.com

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OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Seismic Parameters
Design in accordance with ASCE 7-10 Chapter 13: 🖂 Yes 🗌 No
Design Basis of Equipment or Components (F _p /W _p) = <u>See Attachment 1</u>
S _{DS} (Design spectral response acceleration at short period, g) = 2.00
a _p (In-structure equipment or component amplification factor) = <u>See Attachment 1</u>
R _p (Equipment or component response modification factor) = See Attachment 1
Ω_0 (System overstrength factor) = See Attachment 1
I _p (Importance factor) = 1.5
z/h (Height factor ratio) =
Equipment or Component Natural Frequencies (Hz) = <u>See Attachment 2</u>
Overall dimensions and weight (or range thereof) = See Attachment 1
Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: Yes X No
Design Basis of Equipment or Components (V/W) =
S _{DS} (Design spectral response acceleration at short period, g) =
S _{D1} (Design spectral response acceleration at 1 second period, g) =
R (Response modification coefficient) =
Ω₀ (System overstrength factor) = _{BY:} William Staehlin
C₄ (Deflection amplification factor) =
I _P (Importance factor) = 1.5 DATE: 05/13/2021
Height to Center of Gravit <mark>y above base =</mark>
Equipment or Component Natural Frequencies (Hz) =
Overall dimensions and weight (or range thereof) =
Tank(s) designed in accordance with ASME BPVC, 2015: 🔲 Yes 🖾 No
List of Attachments Supporting Special Seismic Certification
 Test Report(s) Drawings Calculations Manufacturer's Catalog Other(s) (Please Specify): Attachments 1 & 2
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2025
Signature: Date: May 13, 2021 Print Name: William Staehlin Title: Senior Structural Engineer
Print Name: William Staehlin Title: Senior Structural Engineer Special Seismic Certification Valid Up to : SDS (g) = 2.00 z/h = 1
Condition of Approval (if applicable):
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

In Mag



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

Philips Healthcare

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TABLE 1:

System Mfr PHILIPS HEALTHO System VEREOS PET-CT S		00939401)	[3]						S _{DS} = 2.	.0 at z/h =	: 1
	PART	APPROX.	DIMENSI	ONS (IN.)	MAX. WT.						
COMPONENT	NUMBER	W	D	Н	(LB.)	MOUNT	BASIS ^[1]	F _P /W _P	а _Р	RP	Ω₀
GANTRIES									-		
Digital PET/CT Gantry, Integrated	3]			nRCO	DECO						
CT Gantry for Digital PET	459800939011	83.1	86.8	81.31	5695	Rigid Base	UUT-1A	2.40	1	1 1⁄2	2
DIGI PET Gantry	459800366301		NE								
PATIENT TABLES						NA N					
Patient Support Fully Tested Comp Assy ^[3]	459801203551	104.4-183	23.0	24.9 – 42	1260 [2]	Rigid Base	UUT-12	2.40	1	1 ½	2
Patient Support, Vereos [3]	459801737931	104.4-217	23.0	24.9 – 42	1213 [2]	Rigid Base	UUT-15	2.40	1	1 ½	2
Patient Support, Vereos [3]	459801825531	10 <mark>4.4-21</mark> 7	23.0	24.9 - 42	1224 ^[2]	Rigid Base	UUT-2003-1	2.40	1	1 ½	2
Floor MT Catcher	459800366313	17.3	35.7	Wi 37 .am	Stasshlin	Rigid Base	UUT-3A	2.40	1	1 ½	2
Floor Mounted Catcher	459800366314	17.3	35.7	37.1	188	Rigid Base	UUT-2003-2	2.40	1	1 ½	2
CONSOLES				- 05/13	0/2021						
NMRS G5 Dual Workstation ^[3]	459800416301	3 <mark>6.0</mark>	32.0	30.1	311	Rig <mark>id Bas</mark> e	UUT-4 ^[3]	1.44	1	2 1⁄2	2
LCC CRC RACK DVI w/ [4][5] (Granite)	455012005711	CP				010					
Common Host Computer (CRC) (HP z440)	459800918411	24.0	35.5	29.9	307	Rigid Base	UUT-1503-3	1.44	1	2 1⁄2	2
CIRS Computer (HP z840)	459800914091		AN		CO						
LCC CRC RACK DVI w/ ^[4] (Granite)	455012005711			BUIL	DING						
Common Host Computer (CRC) (HP z440)	459800918411	24.0	35.6	29.9	307	Rigid Base	INT	1.44	1	2 1⁄2	2
CIRS Computer (HP z840)	459801305071										
CRC RACK w/ ^{[5][6]} (Avnet)	459801089011										
Common Host Computer (CRC) (HP z440)	459801304931	24.0	35.6	29.9	318	Rigid Base	UUT-1713-1	1.44	1	2 1⁄2	2
CIRS Computer (HP z840)	459801305071										

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

Philips Healthcare

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TABLE 1:

System Mfr PHILIPS HEALTHCARE System VEREOS PET-CT SYSTEM (459800939401) [3]										S _{DS} = 2.0 at z/h = 1		
		PART	APPROX.			MAX. WT.	MOUNT		= 0.0			
COMPONEN	-	NUMBER	W	D	Н	(LB.)	MOUNT	BASIS ^[1]	F _P /W _P	ap	RP	Ω0
POWER DIST	RIBUTION						T		Г	1	1	
PDU		459800442351	22	25	49.4	966	Rigid Base	UUT-6	1.44	1	2 1⁄2	2
GPP	[3]	459800633012	24	32.4	51.6	838	Rigid Base	UUT-7A	1.50	2 1⁄2	6	2
USER INTER	FACE			JE-			0,					
CT Box	[3]	453567105234	15.8	4	3.5	HP4	Countertop Anchored	UUT-8	1.44	1	2 1⁄2	2
PERIPHERAI	S		41				46					
Dehumidifier	[3]	459800383383	24.0	32.4	31.6	062273	Rigid Base	UUT-9	1.8	1	2 1⁄2	2
Liquid Chiller	[3]	459800383433	29.9	34.0	38.3	360	Rigid Base	UUT-11A	1.44	1	2 1/2	2
Mount	Rigid Base: free-star Countertop Anchored							structure and no	lateral supp	ort above tl	he base.	•
Notes	 INT (Interpola models in the Patient table we Requires use of Requires use of Model not used 	es that a unit match te/Extrapolate): indie product line. ight does not includ Philips Healthcare (with this system; it i Philips Healthcare (cates a mode e the 345 lb. Seismic Insta Gen 5.X Con s included or	el not spec patient loa all Kit, Vere isole Seisn hly for purp	ifically teste ad present c eos (PN: 459 nic Kit (Part pose of inter	d, for which seisi luring testing. 9800939391) or e No. 4598 008 81 polation.	mic certification equivalent). 561) or equivale	is established th ent.	ırough evalu	ation of tes	ting of othe	er, simil





Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-1A	PET/CT Gan	itry				
Manufacturer:	Philips Medical Sys	tems (Cleveland) Inc.			10	
Identification:		59800939401 / SN: 400 al PET Part No. 459800 ry) Part No. 459800	0939011		07	and L
Description:	Engineering verifica Includes enhancem resistance which we standardized kit: <u>CT GANTRY:</u> Addi 453567486371). Cc (PN: 45980093939) mounting brackets <u>PET GANTRY:</u> Add (PN: 45980155167) Vereos (PN: 45980	Vereos PET/CT system ation / validation unit / P eents and modifications ere subsequently releas tion of Seismic Locking omponent of Seismic In 1). Installation of 5/16" to the Gantry Frame dition of Vereos PET Ga 1). Component of Seisr 0939391). Installation of o secure PET Gantry to	Production equivalent to improve seismic sed as part of Pin Kit (PN: stall Kit, Vereos Pins to secure antry Seismic Kit nic Install Kit, of second PET			
Mounting:	Rigid Base (Floor) Grade 5 bolts w/ Ph	<u>mounted</u> using (8) – 5/8 nilips supplied washer k	3" dia. SAE J429 tit.		9	
	Dimensions (in	.)	JSAPD	Lowes	t Resonant Frequend	cy (Hz.)
	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
Width						
Width 83.1	86.8	81.31	5695	11.41	6.38	16.2
83.1	86.8 hake Table Test Paran		JOF 5695/22	11.41	6.38	
83.1			ilia Aflx-H (d)ach	11.41	6.38 A _{FLX-V} (G)	16.2 Code: 2016 CBC A _{RIG-V} (G)

hit satisfied AC requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

UUT-12	Patient Suppo	ort	+	012		
Manufacturer:	Philips Medical Syster	ns (Cleveland) Inc.				I want the second
Identification:	Part No.: 4598012035 Serial No.: (No label)	51 (No label)		198	Prillos	
Description:	Component of Vereos Validation unit / Produ Includes enhancemen resistance, which were Seismic Kit Assembly Seismic Install Kit, Ver	ction equivalent ts and modification subsequently rele (PN: 45980153635	ased as Couch 1). Component of			
Mounting:	<u>Rigid Base (Floor) mo</u> Grade 8 bolts w/ Philip					
	Dimensions (in.)			Lowes	st Resonant Frequence	cy (Hz.)
Width	Depth	Height	Weight (lb.)	Transv -Axis	Longit -Axis	Vert-Axis
183	23	36	1260	3.33	3.03	13.66
ICC-ES AC156 S	HAKE TABLE TEST PAR	AMETERS				CODE: 2016 CBC
S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5	3.20	2.40	1.34	0.54
Unit satisfied AC1	56 requirements for struct	ural integrity and m	anufacturer requiremer	nts for functionality after	er AC156 test.	



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-3A	Floor MT Ca	tcher				
Manufacturer:	Philips Medical Sys	tems (Cleveland) Inc.				
Identification:	Part No.: 45980036 Serial No.: 4005 (S			K		
Description: Mounting:	Provides support fo extended through b	mounted using $(4) - \frac{3}{2}$	ent table when			
		E	RCODEC			
	Dimensions (in	.) <u>20</u> F		Lowes	st Resonant Frequen	cy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
17.3	35.7	37.1	185	>50	22.28	12.58
ICC-ES AC156 S	hake Table Test Parar	neters		120		Code: 2016 CBC
S _{DS} (G)	z/h	l _P	G AFLX=H (G)-2	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5	3.20	2.40	1.34	0.54
Unit satisfied AC1	56 requirements for str	uctural integrity and m	anufacturer requirement	ts for functionality after	er AC156 test.	•

UUT-4	NMRS	DATE	05/13/2021			
Manufacturer:	Granite Medsystems	& Philips Medical S	ystems Cleveland	water a h		CAT.
Identification:	Part No.: 459800416 Serial No.: 50424S00 No label for top level	0333		1 AL		
Description:	Rack Granite 455012 PC 1: Supermicro (45 PC: HP Z840 (HP Pro Includes enhancement resistance, which we	59800396181) oduct No. F5G73AV nts and modification	s to improve seismic		Y	
	 Component of S 	Seismic Install Kit, Ve Installation of floor				
Mounting:	 Addition of NMR Component of S 459800939391) 	Seismic Install Kit, Ve . Installation of floor nment brackets.	ereos (PN: mounting kit and			
Mounting:	Addition of NMR Component of S 459800939391) computer contai Rigid Base (Floor) me	Seismic Install Kit, Ve . Installation of floor nment brackets.	ereos (PN: mounting kit and	Lowes	et Resonant Frequen	cy (Hz.)
<i>Mounting:</i> Width	Addition of NMR Component of S 459800939391) computer contai <u>Rigid Base (Floor) me</u> cap screws.	Seismic Install Kit, Ve . Installation of floor nment brackets.	ereos (PN: mounting kit and	Lowes Side-Axis	t Resonant Frequen Front-Axis	cy (Hz.) Vert-Axis
	Addition of NMR Component of S 459800939391) computer contai <u>Rigid Base (Floor) me</u> cap screws. Dimensions (in.)	Seismic Install Kit, Ve . Installation of floor inment brackets. ounted using (4) – 3/	ereos (PN: mounting kit and (" dia. socket head		•	,,,
Width 24	Addition of NMR Component of S 459800939391) computer contain <u>Rigid Base (Floor) may cap screws. Dimensions (in.) Depth </u>	Beismic Install Kit, Ve Installation of floor nment brackets. <u>ounted</u> using (4) – ³ /2 Height 29.9	ereos (PN: mounting kit and 4" dia. socket head Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
Width 24	Addition of NMR Component of S 459800939391) computer contai <u>Rigid Base (Floor) me</u> cap screws. Dimensions (in.) Depth 35.5	Beismic Install Kit, Ve Installation of floor nment brackets. <u>ounted</u> using (4) – ³ /2 Height 29.9	ereos (PN: mounting kit and 4" dia. socket head Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis 20.77



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-6	PDU					
Manufacturer:	Controlled Power	Co.				Contraction of the second
Identification:	Part No.: 459800 Serial No.: 6K-02	/		A		
Description:		e Vereos PET/CT sy ication / validation u				
	SURE Image ima conditioner	ging and treatment	series power		internet in the second se	
	Floor Anchoring E shipment.	Brackets are include	ed in normal			
Mounting:	<u>Rigid Base (Floor</u> J429 Grade 5 bol	r <u>) mounted</u> using (6) its w/ washer.) – 1/2" dia. SAE		uura	
	Dimensions (in	n.) (ED)		Lowest	Resonant Frequer	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
22	25	49.4	966	14.69	9.7	30.06
22	25 Shake Table Test P		OSP-0622	14.69	9.7	
22			966 OSP-0622 Агіх-н (G)	14.69 Агід-н (G)	9.7 Aflx-v (G)	
22 ICC-ES AC156	Shake Table Test P	arameters	OSP-0622	Arig-h (G)		Code: 2016 CBC
22 ICC-ES AC156 S _{DS} (G) 2.0 2.5	Shake Table Test P z/h 1	IP 1,5 Y: W	OSP-0622 AFLX-H (G) /illian3.20taeh	А _{RIG-H} (G)	A _{FLX-V} (G) 1.68	Code: 2016 CBC A _{RIG-V} (G) 0.68

UUT-7A	GPP	C.V		<u> </u>		
Manufacturer:	Staco Energy Prod	ucts Co.		2	e	
Identification:	Part No.: 45980063 Serial No.: 13288	33011 ORNIA	BUILDING	CODE		
Description:	Component of the	/ereos PET/CT sys	tem		6	
	Modifications at Lal Install supplementa bottom of each doo test.	l locking assembly				
Mounting:	<u>Rigid Base (Floor) </u> J429 Grade 5 bolts		- 3/8" dia. SAE			
	Dimensions (in.)			Lowes	st Resonant Frequen	icy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
24	32.4	51.6	838	9.49	4.64	12.39
ICC-ES AC156 S	Shake Table Test Par	ameters	•			Code: 2016 CBC
S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5	3.20	2.40	1.34	0.54
Unit satisfied AC	156 requirements for s	structural integrity a	nd manufacturer re	quirements for func	tionality after AC15	6 test.



ATTACHMENT 2: TEST SPECIMEN SUMMARY

Philips Healthcare

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rt No.: 4535671 rial No.: 071	ystems (Cleveland) 105233	Inc.	P		N. N
rial No.: 071	105233				11
				and the second second	4
mponent of the	e Vereos PET/CT sy	/stem	TICK .	A	
N: 4598011475	61). Component of		K		
				- Alter	
imensions (in	I.)		Lowest	Resonant Frequer	 псу (Hz.)
Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
4	3.5	JST4PD	35.36	42.09	>50
Table Test P	arameters				Code: 2016 CBC
z/h	IP	Aflx-h (G)	Arig-н (G)	AFLX-V (G)	Arig-v (G)
1 0	1.5 _{Y:} W	/illiam ^{3.20} taeh	lin ^{2.40}	1.68	0.68
	N: 4598011475 reos (PN: 4598 <u>jid Base (Floor</u> ck 6730 Tape a imensions (in Depth 4 2 Table Test P 2/h 1 0	N: 459801147561). Component of reos (PN: 459800939391) nid Base (Floor) mounted using (2) ck 6730 Tape at each tapered leg nimensions (in.) Depth Height 4 3.5 Table Test Parameters z/h IP 1 1.5	<u>aid Base (Floor) mounted</u> using (2) – 1" x 3" 3M Dual ck 6730 Tape at each tapered leg imensions (in.) Depth Height Weight (lb.) 4 3.5 Table Test Parameters z/h IP 1 1.5 0 1.5	N: 459801147561). Component of Seismic Install Kit, reos (PN: 459800939391) nid Base (Floor) mounted using (2) – 1" x 3" 3M Dual ck 6730 Tape at each tapered leg imensions (in.) Depth Height Weight (Ib.) Side-Axis 4 3.5 4 35.36 Table Test Parameters Z/h IP AFLX-H (G) ARIG-H (G) 1 1.5 4 2.40	N: 459801147561). Component of Seismic Install Kit, reos (PN: 459800939391) <u>aid Base (Floor) mounted</u> using (2) – 1" x 3" 3M Dual ck 6730 Tape at each tapered leg imensions (in.) Depth Height Weight (lb.) Side-Axis Front-Axis 4 3.5 4 35.36 42.09 Table Test Parameters Z/h IP AFLXH (G) ARIG-H (G) AFLX-V (G) 1 15 4 320 4240 168

UUT-9	Dehumidifier	DATE		/a /		
Manufacturer:	Parker Hannifin Ma	nufacturing S.r.1.	A .	THE CLEWE		
Identification:	Part No.: 45980038 Serial No.: Z18092			Column -		
Description:	Component of the Ve Parker Model No.: DF 208-230 VAC 9.0A 50/60 Hz 1 Phas Includes enhancemen resistance, which wer standardized kit: Installation of Seismid 459801553621). Com (PN: 459800939391)	E-PHMAC1 se SSCR=5000A nts and modifications re subsequently releas b Dehumidifier Floor M	sed as part of Itg Bracket (PN:			
Mounting:	Rigid Base (Floor) head caps screws		- 3/8" dia. socket	·		19
	Dimensions (in.)			Lowest	Resonant Frequer	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
24.0	32.4	31.6	273	>50	28.0	39.1
CC-ES AC156 S	Shake Table Test Pa	rameters				Code: 2016 CB
		P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
S _{DS} (G)	z/h	IP	, (-)		· · ·	



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-11A	Liquid Chille	er /				
Manufacturer:	Parker / Hiross			8	× <u> </u>	
Identification:	Part No.: 459800 Serial No.: 39907	7				
Description:	Unit full of water-(level. Includes enhance seismic resistance as part of standar Installation of Ass 459801216731).	e Vereos PET/CT s Glycol coolant to sta ments and modifica e, which were subs dized kit: y, Chiller Seismic (ismic Install Kit, Ve	andard operating ations to improve equently released PN:	F		
Mounting:	<u>Rigid Base (Floor</u> head caps screws	<u>) mounted</u> using (8 s w/ washers.) – 3/8" dia. socket			
	Dimensions (in	.)		Lowest	Resonant Freque	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
29.9	34	38.25	J J ₃₆₀ D	17.65	25.96	21.09
ICC-ES AC156	Shake Table Test P	arameters	OSP-0622	2		Code: 2016 CBC
S _{DS} (G)	z/h	IP	А _{FLX-Н} (G)	Arig-н (G)	A _{FLX-V} (G)	Arig-v (G)
2.0	1	1.5	3.20	2.40	1.34	0.54

UUT-15 Patient Support, Vereos E: 05/13/2021

001-13	Fallent Supp					
Manufacturer:	Philips Medical Sys	tems Technologies	Limited			
Identification:	Part No.: 45980173 Serial No.: N/A (en		unit)			
Description:	Component of Vere Engineering validat Also labeled: P/N 4 delivered from supp before final Philips changes assembly Includes Couch Se 459801536351), su Install Kit, Vereos (ion unit / Production 598-009-17685; S/I olier, Benchmark El internal function tes to 459801737931 ismic Kit Assembly ib-assembly of Seis	n equivalent N BM39-0001, as ectronics PT, st, which then (PN: mic System	UUT-15		
Mounting:	<u>Rigid Base mounte</u> Grade 8 bolts w/ Pl			1-	1 3	
	Dimensions (in.)			Lowest	Resonant Frequer	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	TransvAxis	LongitAxis	VertAxis
104.4 - 217	23	24.9 - 42	1213	5.27	19.74	9.81
ICC-ES AC156 S	SHAKE TABLE TEST	PARAMETERS CODE: 2016	CBC			
S _{DS} (G)	z/h	IP	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5	3.20	2.40	1.34	0.54
Unit satisfied AC	156 requirements for	structural integrity a	nd manufacturer re	equirements for func	tionality after AC156	6 test.



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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Manufacturer:	Philips Medical S Granite Medsyste	ystems Cleveland &	x			MAR A T
Identification:	Rack 455012005711	CRC 459800918411	CIRS 459800914091		2	Here -
Description:	 Common z440, CAI CIRS Con 	K DVI consist of : Host Computer (CF N, Adaptor) nputer (CIRS, HP z 5BP, ACQ4e)			Ĭ	
		Console Seismic Kit fully populated at tir				
Mounting:	Test unit was f	fully populated at tir <u>) mounted</u> using (4	ne of test.			
Mounting:	Test unit was f <u>Rigid Base (Floor</u>	fully populated at tir <u>) mounted</u> using (4	ne of test.	Lowest	Resonant Frequen	ncy (Hz.)
<i>Mounting:</i> Width	Test unit was f <u>Rigid Base (Floor</u> head cap screws.	fully populated at tir <u>) mounted</u> using (4	ne of test.	Lowest Síde-Axis	t Resonant Frequer Front-Axis	ncy (Hz.) Vert-Axis
	Test unit was f <u>Rigid Base (Floor</u> head cap screws. Dimensions (in	fully populated at tir <u>) mounted</u> using (4	ne of test.) – ¾" dia. socket	·P,		
Width 24	Test unit was f <u>Rigid Base (Floor</u> head cap screws. Dimensions (in Depth	fully populated at tir <u>) mounted</u> using (4 .) Height 29.9	ne of test.) – ¾" dia. socket R CODF Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
Width 24	Test unit was f <u>Rigid Base (Floor</u> head cap screws. Dimensions (in Depth 35.5	fully populated at tir <u>) mounted</u> using (4 .) Height 29.9	ne of test.) – ¾" dia. socket R CODF Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis 20.8

UUT-1713-1 LCC CRC RACK DVDATE: 05/13/2021

001-1713-1		CR DVDAIL.				
Manufacturer:	Philips Healthcare Avnet Technology		_td.	S S		
Identification:	Rack 455012005711	CRC 459800918411	CIRS 459801305071	CODE		1
Description:	Host z440, CA • CIRS Compute Mouse, CAN, A CRC Rack Seis	Computer (CRC) (N, Adapter er (HP z840): UPD	Host z440, Kbd, 598 013 57921)			
Mounting:	<u>Rigid Base (Floor)</u> head cap screws.	mounted using (4)	– ¾" dia. socket			
	Dimensions (in.)			Lowest	Resonant Freque	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
24.0	35.6	29.9	317.5	12.58	11.54	21.43
ICC-ES AC156 S	hake Table Test Pa	rameters				Code: 2016 CBC
S _{DS} (G)	z/h	lР	A _{FLX-H} (G)	Arig-н (G)	A _{FLX-V} (G)	Arig-v (G)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit satisfied AC1	56 requirements for	structural integrity a	nd manufacturer re	equirements for fund	tionality after AC15	6 test.



Philips Healthcare

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-2003-1	Patient Supp	oort, Complete	Assembly			
Manufacturer:	Philips Healthcare	e (Suzhou) Co., Ltd.			Same and the state	
Identification:	Part No.: 459801 Serial No.: NPTR			2.1		
Description:	Component of Ver Patient Support	reos PET-CT System				
	of required Couch 459801536351), v System Install Kit, Included 345 lb pa	russes and stiffening pla Seismic Kit Assembly (vhich is a sub-assembly Vereos (PN: 45980093 atient load during test. onfiguration: Width = 21	(PN: vof Seismic 19391).			
Mounting:		<u>ted</u> using (8) – 5/8" di Philips supplied bush		MA		
	Dimensions (in	.) 4	SHPD	Lowest	Resonant Frequer	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	TransvAxis	LongitAxis	VertAxis
104.4 – 217*	23	24.9 - 42*)SP122422	5.93	4.33	6.23
ICC-ES AC156 SI	HAKE TABLE TES	T PARAMETERS				Code: 2019 CBC
S _{DS} (G)	z/h	IBY: Wi	AFLX-H (G)	Arig-н (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68
Unit satisfied AC1	56 requirements for	r structural integrity a	nd manufacturer re	equirements for func	tionality after AC156	6 test.

UUT-2003-2	Floor Mounted	Catcher
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UUT-2003-2	2 Floor Mounte	d Catcher		20.		
Manufacturer:	Philips Healthcare	(Suzhou) Co., Ltd.				
Identification:	Part No.: 4598003 Serial No.: NPTR0	56314 8	BUILDING			
Description:	Component of the	Vereos PET/CT sys	tem			
	Provides support for extended through b	or upper cradle of pa pore of gantry.	atient table when		to I	
Mounting:	<u>Rigid Base (Floor)</u> J429 Grade 5 bolts	<u>mounted</u> using (4) - with washers.	- 5/8" dia. SAE			
	Dimensions (in.)			Lowes	st Resonant Frequen	cy (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
17.3	35.7	37.1	188	5.95	18.39	15.64
ICC-ES AC156	Shake Table Test Pa	rameters				Code: 2019 CBC
S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68
Unit satisfied AC15	56 requirements for struc	tural integrity and mar	nufacturer requiremer	nts for functionality afte	er AC156 test.	