APPLICATION FOR OSHPD SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP) APPLICATION #: OSP - 0472
OSHPD Special Seismic Certification Preapproval (OSP)
Type: ☐ New ☐ Renewal
Manufacturer Information
Manufacturer: Philips Healthcare
Manufacturer's Technical Representative: Yossi Kamhine
Mailing Address: Veenpluis 4-6, 5684 PC Best, The Netherlands
Telephone: On File PEmail: On File
Product Information NED MA
Product Name: IQon CT System OSHPD
Product Type: Computed Tomography (CT) medical imaging system.
Product Model Number: See Attachment 1 (List all unique product identification numbers and/or part numbers) hammad Aliaari
General Description: Multiple component system for the provision of Computed Tomography medical diagnostic imaging. Seismic enhancements made to the test units and modifications required to address the anomalies observed during the tests shall be incorporated into the certified units.
Mounting Description: See Attachment 1
Applicant Information Applicant Company Name: FASE LLC
Applicant Company Name: EASE LLC
Contact Person:JONATHAN ROBERSON, S.E.
Mailing Address: _5877 Pine Ave. Suite 210, Chino Hills, CA 91709
Telephone: (406) 541-EASE (3273) Email: j.roberson@easeco.com
I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.
Signature of Applicant: Date: October 2, 2019
Title: Principal Engineer Company Name: EASE LLC

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"





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STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY

OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

OSH-FD-759 (REV 12/16/15) Page 2 of 3

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: EASE LLC
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 OSHPD
 ☐ Testing in accordance with: ☐ Other (Please Specify):
BY: Mohammad Aliaari
Testing Laboratory DATE: 09/28/2020
Company Name: Environmental Testing Laboratory, Inc.
Contact Name: Brady Richard
Mailing Address: 11034 Indian Trail, Dallas, TX 75229-3513
Telephone: (972) 247-9657 Email: <u>brady@etldallas.com</u>





09/28/2020



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

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Seismic Parameters
Design in accordance with ASCE 7-10 Chapter 13: ⊠ Yes □ No
Design Basis of Equipment or Components (F _p /W _p) = See Attachment 1
S _{DS} (Design spectral response acceleration at short period, g) = See Attachment 1
a _p (In-structure equipment or component amplification factor) = See Attachment 1
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) = See Attachment 1
Equipment or Component Natural Frequencies (Hz) = See Attachment 2
Overall dimensions and weight (or range thereof) = See Attachment 1
Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: Yes 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) = Mohammad Aliaari
Ω_0 (System overstrength factor) =
C _d (Deflection amplification factor) =DATE: 09/28/2020
I _p (Importance factor) = 1.5
Height to Center of Gravity above base =
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: September 28, 2020
Print Name: Mohammad Aliaari Title: Senior Structural Engineer
Special Seismic Certification Valid Up to : S _{DS} (g) = See Above z/h = See Above
Condition of Approval (if applicable):

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"





ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 1 OF 5

TABLE 1:

System Mfr PHILIPS HEA System IQon CT (4	LTHCARE 459800868131)												
		Approx. Dimensions (in.)											
Component	Part No.	W	D	Н	Wt. (lb.)	Mount	Basis [1]	F _P /W _P	SDS	z/h	a _P	R_P	Ω_0
GANTRIES													
IQon Gantry [5]	459800868121	107	37.7	78.10	5,669 E	Floor	UUT-1	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
PATIENT TABLES				E		10,							
Patient Support – Extended [5]	459800021201	22.7	117.6	42.2 max.	955 [2]	Floor	UUT-2						
Patient Support – Extended [5]	459800771026	22.7	117.6	42.2 max.	955	Floor	SAME					1 ½	2
Patient Support – Extended [5]	459800771027	22.7	117.6	42.2 max.	955	Floor	SAME						
Patient Support - Bariatric [11][8]	453567391361	22.7	107.4	25.4 / 42	890 ^[10]	Floor	UUT 1602-2	2.40	2.0	1	1		
Patient Support – IQon Bariatric [5]	453567480192	22.7	107.4	BY:42Vloh	an981ad	AliEloori	INT	1.13	2.5	0	·		
Patient Support – IQon Bariatric [5]	453567480194	22.7	107.4	42	981	Floor	INT						
Patient Support – iCT Standard [9][8]	453567480181	22.7	107.4	42	889 [2]	Floor	UUT 1705-2						
CONSOLES			P				0						
Host Rack including: [3]	459800444981	13.0	35.3	29.9	169	Floor	UUT-3						
Common Host (Dell T3600 E5- 1620 3.6GHz non TPM 4TB)	459800842981			RNIA		COD							
Host Rack including: [3]	459800444981	13.0	35.3	29.9	165	Floor	UUT- A1	4.44	0.0				
Common Host (IQon Host HP z440, CAN)	459801127401							1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Host Rack including: [3]	459800444981	13.0	35.3	29.9	165	Floor	SAME						
Common Host (IQon Host HP z440, 64 GB, CAN)	459801308241				_								

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 2 OF 5

TABLE 1:

System Mfr PHILIPS HEA													
System IQon CT (4	<u>459800868131)</u>												
		Approx	. Dimensio	ns (in.)									
Component	Part No.	W	D	Н	Wt. (lb.)	Mount	Basis [1]	F _P /W _P	S _{DS}	z/h	a _P	R_P	Ω_0
IQon CT System CIRS Rack including: [4]	459800873621	23.6	42	79.8	CODE								
CIRS S3 (Dell T620 No RAID E5-2660 K20 GPU)	459800456102	19	26.5	8.5		COMP							
CIRS S2 (Dell T620 No RAID E5-2660 K20 GPU)	459800456102	19	26.5	8.5	783	Wall/Floor	UUT-4	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
CIRS S1 (Dell T620 E5-2660/5 disk/H710/GPU)	459800456082	19	26.5	8.5	2000		13						
Console UPS (Staco UniStar)	459800913091	17.25	Q23	5.4	SP-047	/2	/// m /						
UPS battery (Staco UniStar)	459801029431	17.25	24	5.4		YYVVAAAAXXXXXXYAAA							
IQon CT System CIRS Rack including: [4]	459801156031	23.6	43	BY79.8/10	nammad	Aliaari							
CIRS S3 (IQon HP z840 E5- 2630v3 No Raid S2/S3)	459801112481	19	22	8.5									
CIRS S2 (IQon HP z840 E5- 2630v3 No Raid S2/S3)	459801112481	19	22	DATE: 0)9/28/20 713	Wall/Floor	UUT-A2	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
CIRS S1 (IQon HP z840 E5- 2630v3 6 Drv S1)	459801112471	19	22/	8.5			25						
Console UPS (Staco UniStar)	459800913091	17.25	23	5.4		4	, /						
UPS battery (Staco UniStar)	459800844121	17.25	24	5.4									
POWER DISTRIBUTION				MAF	SIII DIN	JG C							
Light Weight PDU (Spellman High Voltage Electronics)	459800064812	22	32	48.5	1147	Floor	UUT-6	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
MISC													
IQon CT Box [6]	459800842441	15.8	4	2.5	4	CTA	UUT-5						
IQon CT Box [6]	459800842442	15.8	4	2.5	4	CTA	SAME	1.44	2.0	1			
Compressor – JUN AIR 50/60 Hz	459800191992	21.42	28.86	30.75	200	Floor	UUT-8	1.44	2.0 2.5	1 0	1	2 ½	2
Cabinet Compressor – JUN AIR 50/60 Hz	459800882781	24.3	26	33.7	290	Floor	UUT-9	0	2.0	ŭ			

Mount

Floor (Rigid Base): free-standing, base-mounted configuration with the component rigidly attached to a supporting structure and no lateral support above the base.

CTA (Countertop Anchored): refers to a condition where the unit is anchored to a counter, desk, or other piece of rigid fixed furniture.

Wall/Floor Mounted refers to a condition where the unit bears on, and is anchored directly to the supporting floor. In addition, lateral restraint anchoring the unit to an adjacent wall or other supporting structure is provided along the height of the equipment.

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ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 3 OF 5

TABLE 1:

System Mfr	PHILIPS HE	ALTHCARE												
System	IQon CT	(459800868131)												
			Approx	. Dimensi	ons (in.)									
Componen	t	Part No.	W	D	Н	Wt. (lb.)	Mount	Basis [1]	F _P /W _P	S _{DS}	z/h	a _P	R_P	Ω_0
Notes	SAME: 2. Patient tal 3. Requires (4. Requires (5. Requires (6. Requires (7. Requires (8. Componet 9. Requires (10. Patient tal	ndicates that a test s Model is physically, not be weight does not in use of Philips Healthouse weight does not in	nechanically & nechan	electrically ic patient load p I 5.1 HOST S I 5.x CIRS SE COUCH AND BEISMIC (Par MPRESSOR S I and is includ MIC HARDEN patient load p	lentical to test resent during EISMIC KIT (I EISMIC KIT (P CHOR BRACK t No. 4598011 SEISMIC (Part ed only to est IING KIT (Part resent during	specimen. Diffortesting. Part No. 459800 (art No. 459800 (ET SEISMIC K 147561). To No. 45980106 (ablish a basis for No. 45980132 testing.	erence is limite 1148053). 914063). IT (Part No. 45 7821). or untested mo	ed to model nu		or softwar	e.			





ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 2:

System Mfr PHILIPS HEAL	THCARE												
	459800868134)												
		Approx	c. Dimensi	ons (in.)									
Component	Part No.	W	D	H	Wt. (lb.)	Mount	Basis [1]	F _P /W _P	S_{DS}	z/h	a _P	R _P	Ω_0
GANTRIES													
IQon Gantry [5]	459801662461	107	37.7	78.10 R	C _{5,669} E	Floor	SAME AS UUT-1	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
PATIENT TABLES				E			,						
Patient Support – Extended [5][8]	459800021201	22.7	117.6	42.2 max.	955 ^[2]	Floor	UUT-2						
Patient Support – Extended [5]	459800771026	22.7	117.6	42.2 max.	955	Floor	SAME						
Patient Support – Bariatric [11][8]	453567391361	22.7	107.4	25.4 / 42	P890 (1º0)	2 Floor	UUT 1602-2	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Patient Support – IQon Bariatric [5]	453567480192	22.7	107.4	42	981	Floor	INT	1.15	2.0				
Patient Support - iCT Standard [9][8]	453567480181	22.7	107.4	BY: IVION	889 ^[2]	Aliaari Floor	UUT 1705-2						
CONSOLES			VXXXXII	DATE O	0/20/204	20							
IQon Gen 5.3 Host w/ Host Rack [3]	459801496671	13	35	30	189	Floor	UUT	1.44	2.0	1	1	2 ½	2
IQon Host, Z4 (HP)	459801496981		P				1805-2	1.13	2.5	0			
IQon Gen 5.3 CIRS TL_Rack / UPS / ACQ [4]	459801498651			20.		ODE	. /						
CT Gen5.3 IQon CIRS Master, HP Z8	459801498681			RNIAB	UII DIN	GCODY							
CT Gen5.3 IQon CIRS Computing, HP Z8	459801498691	00.0					UUT	1.44	2.0	1		0.1/	
CT Gen5.3 IQon CIRS Computing, HP Z8	459801498691	23.6	43.0	79.8	695	Wall/Floor	1805-1	1.13	2.5	0	1	2 ½	2
Staco UniStar VP 6kVA UPS w/ SNMP	459800913091												
Staco UniStar UPS Extended Run Batt	459800844121												
POWER DISTRIBUTION	•							•					
Light Weight PDU (Spellman High Voltage Electronics)	459800064812	22	32	48.5	1147	Floor	UUT-6	1.44 1.13	2.0 2.5	1 0	1	2 ½	2

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ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 2:

System Mfr	PHILIPS HEAL	THCARE												
System	IQon CT (459800868134)												
			Approx. Dimensions (in.)		<u> </u>									
Compone	nt	Part No.	W	D	Н	Wt. (lb.)	Mount	Basis [1]	F _P /W _P	S _{DS}	z/h	a _P	R_P	Ω_0
MISC									_					
CT BOX AS (RoHS)	SSY. NO TILT	459800842442	15.8	4	2.5 R	CQDE	СТА	SAME AS UUT-5	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Compresso – JUN AIR :		459800191992	21.42	28.86	30.75	200	Floor	UUT-8	1.44	2.0	1	4	2 ½	
Cabinet Cor	•	459800882781	24.3	26	33.7	290	Floor	UUT-9	1.13	2.5	0	'		2
Notes	SAME: Patient tab	Indicates that a tes Model is physicall le weight does not	y, mechanio include 450	cally & electr 0 lb. patient l	cally identica	I to test spec during testing	cimen. Differ g.	rence is limite			color, or	software.		
	 Requires u Requires u 	se of Philips Healt se of Philips Healt se of Philips Healt	hcare IQon hcare GAN	Gen 5.x CIR TRY/COUCH	RS Seismic Ki HANCHOR E	it P/N: 45980 BRACKET SI	00914063. EISMIC KIT	0'	980113979	91).				
	7. Requires u 8. Componer	se of Philips Healt se of Philips Healt It is not part of the	hcare KIT - IQon CT sy	COMPRES	SÓR SEISMI	C (Part No. 4	1598010678							
	10. Patient tab	se of Philips Healt le weight does not it requires use of F	include 50	0 lb. patient l	oad present o	during testing	g.	(01).						



ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-1	IQon Gantry							
MANUFACTURER:	Philips Healthcare	,				SEL .	-	
IDENTIFICATION:	Model No.: 45980086	, 3121					AT M.	-101
	Serial No.: 860000				NO.			311
DESCRIPTION:	Component of the IQc Included components GANTRY/COUCH AN 459801139791).	found in Philips						
MOUNTING:	Rigid Base using (8) - provided washer asse		29 Gr 8 bo	olts with Philips			1.	
PROPERTIES:			FOR	CODE CO				
	DIMENSIONS (in.)	IED	-111		LOV	VEST RESONAN	IT FREQUEN	CY (Hz.)
Width	Depth	Height		Weight (lb.)	Side-Axis	s Fron	t-Axis	Vertical-Axis
107	37.7	78.10		5669	9.4	8	3.0	30.6
SHAKE TABLE TEST	PARAMETERS	2/	09	D 0472	11/2			
CODE	TEST CRITERIA	S _{DS} (g)	z/h	1 04/2	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC156	2.0 2.5 BY	1.0 M 0.0a	mmad Alia	3.20	2.40	1.68	0.68
Unit satisfied AC	156 requirements for str	uctural integrity a	and manuf	acturer requireme	nts for function	ality after AC156	test.	

UUT- 2	Patient Suppo	rt – Extend	ded	J9/Z	8/2020				
MANUFACTURER:	Philips Healthcare	7			+	5	1	The second second	
IDENTIFICATION:	Model No.: 45980002	1201				1,2			
	Serial No.: 951038	00				ODK.			
DESCRIPTION:	Component of the IQo Patient Support - Stan PIM Included enhancemen subsequently included ANCHOR BRACKET	dard including its not found or I in Philips Hea	n then-pr althcare (oduction	RY/COUCH				
MOUNTING: PROPERTIES:	Rigid Base using (5) – provided washer asse				•				
TROI ENTIES.	DIMENSIONS (in)					LOW	TCT DECOMA	NIT EDEOLIEN	CV (II=)
	DIMENSIONS (in.)	1						NT FREQUEN	, ,
Width	Depth	Height	:	W	eight (lb.)	Side-Axis	Fro	nt-Axis	Vertical-Axis
22.7	117.6	41.4			954.5	3.7	,	7.61	4.2
SHAKE TABLE TEST	PARAMETERS								
CODE	TEST CRITERIA	S _{DS} (g)	z/l	h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0		1.5	3.20	2.40	1.68	0.68
Unit satisfied AC	156 requirements for str	uctural integrity	/ and ma	nufact	urer requireme	ents for functiona	lity after AC15	6 test.	

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 2 OF 7

UUT- 3	Host Rack							
MANUFACTURER:	Philips Healthcare					10		- 8
IDENTIFICATION:	Model No.: 45980044	4981				34	2	66
	Serial No.: 50426S00	042				The same of		
DESCRIPTION:	Component of the IQc Common Host (Dell T (model no.: 45980084 Philips Healthcare IQc 459801148053)	3600 E5-1620 3 12981)		,				
MOUNTING:	Rigid Base using (4) - Screws to aluminum in		A574 Socke	et Head Cap		-		
PROPERTIES:			OR C	0050				
	DIMENSIONS (in.)		FUNC	OPE CO	LOWE	EST RESONAN	T FREQUENC	Y (Hz.)
	_	1.15.36,164		Weight (lb.)	Side-Axis	Fron	t-Axis	Vertical-Axis
Width	Depth	Height		vvcigiti (ib.)	GIGC AXIS			V EI IICai-Axis
Width 13.0	Depth 35.3	29.9		169	34.5		1.2	47.1
13.0	35.3		OS				1.2	
	35.3		OS-				1.2 A _{FLX-V} (g)	

	TAZYWAAAAAWWAAAAAAAAAAAAAAAAAAAAAAAAAAAA		
UUT- 4	IQon CT System CIRS Rack	28/2020	
MANUFACTURER:	Philips Healthcare		
IDENTIFICATION:	Model No.: 459800873621	*	
DESCRIPTION:	Component of the IQon CT System.		V .
	CIRS S3 (Dell T620 No RAID E5-2660 K20 GPU)	4598004	56102
	CIRS S2 (Dell T620 No RAID E5-2660 K20 GPU)	4598004	56102
	CIRS S1 (Dell T620 E5-2660/5 disk/H710/GPU)	4598004	56082
	Console UPS (Staco UniStar)	4598009	13091
	UPS battery (Staco UniStar)	45980102	29431
	Test specimen included seismic enhancements no found in then-standard production units which wer subsequently released in seismic kit.		14063
MOUNTING:	Wall/Floor using (4) – 5/8" dia. SAE J429 Gr 8 bol hex washer head, self-tapping, self-threading she wall. Manufacturer provided brackets, top and bot	et metal screws	
PROPERTIES:			•
	DIMENSIONS (in.)		LC

2.0

2.5



DIMENSIONS (in.)					LOW	(Hz.)			
Width	Depth	Height		Weight (lb.)	Front-Axis	Side	Side-Axis		/ertical-Axis
23.6	42	79.8		783	12.8	8	8.0		14.7
SHAKE TABLE TE	ST PARAMETERS								
CODE	TEST CRITERIA	S _{DS} (g)	z/h	l _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g	g)	A _{RIG-V} (g)

1.5

3.20

0.0 Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

1.0

ICC-ES AC156

1.68

2.40

CBC 2016

0.68

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 3 OF 7

UUT- 5	IQon CT Box							
MANUFACTURER:	Philips Healthcare	,			JUNEAU 86	100		
IDENTIFICATION:	Model No.: 45980084	2441						
	Serial No.: 004							-
DESCRIPTION:	Component of the IQo	n CT System.				000	& & & & &	
MOUNTING:	Countertop Anchored reclosable fastener a bottom of foot and te	t each of two tap	3" 3M Dua ered feet (Il Lock applied to				*
PROPERTIES:			50	2002				
	DIMENSIONS (in.)		FOK	TODE CO	LOWI	EST RESONAN	T FREQUENC	SY (Hz.)
Width	Depth	Height		Weight (lb.)	Side-Axis	Fron	t-Axis	Vertical-Axis
15.8	4	2.5	MS	4	37.9	>	50	33.2
SHAKE TABLE TEST	PARAMETERS	7			7	\		
CODE	TEST CRITERIA	S _{DS} (g)	z/h	P.0472	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.20	2.40	1.68	0.68
Unit satisfied AC	156 requirements for str	uctural integrity a	and manufa	acturer requireme	nts for functional	lity after AC156	test.	•

UUT- 6	Light Weigh <mark>t P</mark>	DU	TE: 0	9/2	8/2020						
MANUFACTURER:	Spellman High Voltage	Electronics					18	MONEY.			
IDENTIFICATION:	Model No.: 45980006	4812			*	16			= 1	1	
	Serial No.:102639659	-A01623				2	а	•			
DESCRIPTION:	Component of the IQo	n CT System.	VIA B	UII	LDING	ODE 20°		91			
MOUNTING:	Rigid base using (4) - Screws with manufac interface plate.						製 1 / / ·		The state of the s	Y	
PROPERTIES:											
	DIMENSIONS (in.)					LOW	EST	RESONAN	T FREQUE	NCY	(Hz.)
Width	Depth	Height	:	W	eight (lb.)	Side-Axis		Fron	t-Axis	٧	ertical-Axis
22	32	48.5			1147	10.1		16	6.7		23.8
SHAKE TABLE TEST	PARAMETERS										
CODE	TEST CRITERIA	S _{DS} (g)	z/h		I _P	A _{FLX-H} (g)	A	_{RIG-H} (g)	A _{FLX-V} (g))	$A_{RIG-V}(g)$
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0		1.5	3.20		2.40	1.68		0.68

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

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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	/
UUT- 8	COMPRESSOR-JUN AIR 50/60 HZ
MANUFACTURER:	Philips Healthcare
IDENTIFICATION:	Model No.: 459800191992
DESCRIPTION:	Component of the IQon CT System. Casters removed to allow anchorage of unit to fixture.
MOUNTING:	Floor mounted using (4) -1/2" dia. SAE J429 Grade 8 bolts to aluminum interface plate.



PROPERTIES:			F01	K CODE CC					
DIMENSIONS (in.)				TI III WAR	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Weight (lb.)	Side-Axis	Fron	t-Axis	Vertical-Axis	
21.42	28.86	30.75		200	21.9	10.6		15.6	
SHAKE TABLE TEST P	'ARAMETERS	24/		SP_0472	MS.				
CODE	TEST CRITERIA	S _{DS} (g)	z/	h I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)	
CBC 2016	ICC-ES AC156	2.5	1.	0 1.5	4.00	3.00	1.68	0.68	
Unit satisfied AC1	56 requirements for str	uctural integrity	and ma	anufacturer requireme	ents for functionali	ity after AC156	test.		

UUT- 9	CABINET COMPRESSOR- JUNIAIR 50/6	60 HZ
MANUFACTURER:	Jun-Air	
IDENTIFICATION:	459800882781	
DESCRIPTION:	Component of the IQon CT System. Test specimen included seismic enhancements which are represented in Philips seismic kit P/N 459801067821. The Test Specimen was fully populated at time of test.	
MOUNTING:	Floor mounted using (4) -3/8" dia. ASTM A574 Socket Head Cap Screws to aluminum interface plate.	



						-					
PROPERTIES:											
DIMENSIONS (in.)						LOWEST RESONANT FREQUENCY (Hz.)				(Hz.)	
Width	Depth	Height	Height		eight (lb.)	Side-Axis		Front-Axis		\	/ertical-Axis
24.3	26	33.7			290	6.1		6	.3		29.9
SHAKE TABLE TE	ST PARAMETERS										
CODE	TEST CRITERIA	S _{DS} (g)	z/l	า	I _P	A _{FLX-H} (g)	Α	RIG-H (g)	A _{FLX-V} (g)	$A_{RIG-V}(g)$
CBC 2016	ICC-ES AC156	2.5	1.0		1.5	4.00		3.00	1.68		0.68
Unit satisfied AC15	56 requirements for stru	uctural integrity	and ma	nufact	urer requireme	nts for functiona	lity af	ter AC156	test.		

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT- A1	Host Rack							
MANUFACTURER:	Philips Healthcare	,					4	N.
IDENTIFICATION:	Model No.: 45980044	4981					7	
	Serial No.: 50565S00	123					-	
DESCRIPTION:	Component of the IQ Common Host (IQon Test specimen includ IQon Gen 5.1 Host So	Host z440, Kbd, ed seismic enha	ncements wh	nich are repres	,			
MOUNTING:	Rigid Base using (4) interface plate.	- 3/8" dia. ASTM	A574 Socke	et Head Cap So	crews to aluminu	m		
PROPERTIES:			OP C	000				
	DIMENSIONS (in.)		CONO	ODE CO	LOW	EST RESONAN	T FREQUENC	Y (Hz.)
Width	Depth	Height	٧	Veight (lb.)	Front-Axis	Side	-Axis	Vertical-Axis
13.0	35.3	29.9	MCI	165	36.1	10	0.4	37.2
SHAKE TABLE T	EST PARAMETERS	7	וכט		7	\		
CODE	TEST CRITERIA	S _{DS} (g)	z/hs p	0472	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.20	2.40	1.68	0.68
Unit satisfied AC1	56 requirements for stru	uctural integrity a	and manufac	turer requireme	ents for functiona	lity after AC156	test.	•

UUT- A2	IQon CT System CIRS Rack						
MANUFACTURER:	Philips Healthcare						
IDENTIFICATION:	Model No.: 4598011 <mark>56031</mark>	16					
DESCRIPTION:	Component of the IQon CT System.						
	CIRS S3 (IQon z840 E5-2630v3 No Raid S2/S3)	459801112481					
	CIRS S2 IQon z840 E5-2630v3 No Raid S2/S3)	459801112481					
	CIRS S1 (IQon z840 E5-2630v3 6 Drv S1)						
	Console UPS	459800913091					
	UPS battery	459800844121					
	Test specimen included seismic enhancements subsequently released as Philips Healthcare IQon Gen 5.1 CIRS Seismic Kit	459800914063					
MOUNTING:	Wall/Floor using (4) – 5/8" dia. SAE J429 Gr 8 bolts to the floor an washer head, self-tapping, self-threading sheet metal screws to the Manufacturer provided brackets, top and bottom						



PROPERTIES.	•
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	DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)					(Hz.)		
Width	Depth	Height		Weight (lb.)	Front-Axis		Side-Axis		\	/ertical-Axis		
23.6	43	79.8		713	13.1		10	0.1 26.8		26.8		
SHAKE TABLE TE	SHAKE TABLE TEST PARAMETERS											
CODE	TEST CRITERIA	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A_R	_{IG-Н} (g)	A _{FLX-V} (g)	$A_{RIG-V}(g)$		
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.20	2	2.40	1.68		0.68		
Unit satisfied AC15	Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.											

ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT1602- 2 Patient Support - Bariatrice: 09/28/2020

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UUT1705- 2	Patient Supp	ort - Standard				
MANUFACTURER:	Philips Medical Sys	tems (Cleveland)		A Part of the Part		
IDENTIFICATION:	Model No.: 4535674	480181				
DESCRIPTION:	Patient Support - St PIM Gantry/Couch And	Brilliance iCT System candard including: chor Bracket Seismic ch Base (4598000730				
MOUNTING:		nounted using (5) – ½ illips supplied washer			Na 15	
	DIMENSIONS (in	.)		LOWEST	RESONANT FREQUE	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Longit -Axis	Transv-Axis	Vert-Axis
22.7	107.4	42	889	24.3	3.4	4.6
ICC-ES AC156 SH	AKE TABLE TEST PA	RAMETERS				CODE: 2016 CBC
S _{DS} (G)	z/h	₽/ I _P	05 A _{FLX-H} (G) 2	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit satisfied AC15	6 requirements for stru	uctural integrity and m	anufacturer requirement	ts for functionality afte	r AC156 test.	-

MANUFACTURER:	Philips Medical Syste	ems (Cleveland)	*	= 6			
IDENTIFICATION:	Model No.: 4535673	91361					
DESCRIPTION:	Component of the BriCT System and other	rilliance Big Bore CT sy ers.	ystem, Brilliance	OV	ALC: N		
	Philips Healthcare S	eismic Kit (Part No. 45	98 008 81561)				
MOUNTING:		ounted using (5) – 5/8' ninum interface plate.	" dia. SAE J429				
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Weight (lb.)	Transv -Axis	Longit-Axis	Vert-Axis	
	10-1	0.0					
22.7	107.4	36	908	3.3	7.3	4.7	
	107.4 AKE TABLE TEST PAF		908	3.3	7.3	4.7 CODE: 2016 CBC	
			908 A _{FLX-H} (G)	3.3 A _{RIG-H} (G)	7.3 A _{FLX-V} (G)		
ICC-ES AC156 SH	AKE TABLE TEST PAF	RAMETERS				CODE: 2016 CBC	

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT1805-1	IQon Gen 5.3 CIRS TL_Rack / UPS / ACQ							
Manufacturer:	Bynet, Hewlett Packard (HP) & Philips Healthcare (Suzhou) Co., Ltd.							
Identification:	Part No.: 45980149	8651						
Description:	Gen 5.3 CIRS TL_Rack / UPS / ACQ Component of IQon CT System					920		
Mounting:	CT Gen5.3 IQon C Each w/ 1 TE Staco UniStar VP Staco UniStar UP Philips Healthcare Also included: (No 2 TB NVMe SSD, Rigid Wall/Floor usi washer head, self-ta	CIRS Master, HP Z8, CIRS Computing, HP Z8, CIRS Computing, HP Z8, NVMe SSD, 6kVA UPS w/ SNMP, S Extended Run Batt, a IQon Gen 5.x CIRS Son-standard config.) ng (4) – 5/8" dia. SAE apping, self-threading	MZVL Geismic Kit MZVL J429 Gr 8 bolts at base sheet metal screws to t					
	Manufacturer provided brackets, top and bottom Dimensions (in.) Lowes			st Resonant Frequency (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis		
23.6	43.0	79.8	695	15.2	8.5	27.9		
ICC-ES AC156 Sh	ake Table Test Paran	neters				Code: 2016 CBC		
S _{DS} (G)	z/h	₽ I _P	OSP _{AFLX-H} (G) 2	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)		
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68		
Unit satisfied AC15	6 requirements for stru	ctural integrity and ma	anufacturer requiremen	ts for functionality afte	r AC156 test.			

UUT1805-2	IQon Gen 5.3	Host w/ Host	Rack 8/2020			
Manufacturer:		lutions (Taijin), Ltd. (<i>F</i>) & Philips Healthcare				
Identification:	Part No.: 459801496	671 CORNIA	BUILDING	00		
Description: Mounting:		t) Part Computer) Part en 5.3 Host			UUT-2	
Dimensions (in.)				Lowes	cy (Hz.)	
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vert-Axis
13.0	35.3	29.9	189	26.7	8.2	25.8
CC-ES AC156 Sh	ake Table Test Parame	eters				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 2.5	1 0	1.5	3.2	2.4	1.68	0.68