

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC	OFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #: OSP-0472
HCAI Special Seismic Certification Preapproval (OSP)	
Type: New X Renewal	
Manufacturer Information	
Manufacturer: Philips Healthcare	
Manufacturer's Technical Representative: Yossi Kamhine	
Mailing Address: Veenpluis 4-6, 5684 PC Best, The Netherlands	
Telephone: +97248310663 Email: yossi.kamhine@	philips.com
Product Information	Mp,
Product Name: CT Systems	
Product Type: NA OSP-0472	2
Product Model Number: IQon CT Systems (See Attachment 1)	m l
General Description: Multiple component systems for the provision of C	omputed Tomography medical diagnostic imaging.
Mounting Description: See Attachment 1, See Attachment 1	
Tested Seismic Enhancements: Seismic enhancements made to the test anomalies during the tests shall be inco	t units and/or modifications required to address provide the production units.
Applicant Information	14 M
Applicant Company Name: EASE LLC	02
Contact Person: Jonathan Roberson	
Mailing Address: 5877 Pine Ave. Suite 210, Chino Hills, CA 91709	
Telephone: (909) 606-7622 Email: j.roberson@eas	eco.com
Title: Principal Engineer	

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

OSP-0472





DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

California Licensed Structural Engineer Respo	nsible for the Engineering and Test Report(s)
Company Name: EASE	
Name: Jonathan Roberson	California License Number: S4197
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hill	 is, CA 91709
Telephone: (951) 295-1892 Ema	ail: jon@EASECo.com
Certification Method	
GR-63-Core X ICC-ES AC156	☐ IEEE 344
Other (Please Specify):	
EO	RCODECO
Testing Laboratory	Mp.
Company Name: ENVIRONMENTAL TESTING LABO	RATORIES, INC. (ETL)
Contact Person: Brady Richard	
Mailing Address: 11034 Indian Trail, Dallas TX 75229-	3513
Telephone: (972) 247-9657	ail: brady@etIdallas.com
DATE	: 05/02/2022

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



STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

Seismic Parameters			
Design Basis of Equipment or Component	ts (Fp/Wp) = See Attachment 1		
SDS (Design spectral response acce	eleration at short period, g) = See Atta	chment 1	
ap (Amplification factor) =	See Attachment 1		
Rp (Response modification factor) =	See Attachment 1		
Ω_0 (System overstrength factor) =	See Attachment		
Ip (Importance factor) =	1.5		
z/h (Height ratio factor) =	1 and 0		
Natural frequencies (Hz) =	See Attachment 2		
Overall dimensions and weight =	See Attachment 1 DF		
HCAI Approval (For Office Use Only)	- Approval Expires on 05/02/2028	3 Th	
Date: 5/2/2022	OSP-0472	G	
Name: Timothy Piland		Title:	Senior Structural Engineer
Special Seismic Certification Valid Up to: \$	SDS (g) = See Above	z/h =	See Above
Condition of Approval (if applicable):	DATE: 05/02/2022	Jo	
	OPNIA BUILDING COT	102	





ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 1 OF 5

TABLE 1:

System Mfr PHILIPS HEA													
	459800868131)												
		Appro	x. 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	Ω0
GANTRIES											-		
IQon Gantry ^[5]	459800868121	107	37.7	78.10R	C 5,669 E	Floor	UUT-1	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
PATIENT TABLES				0		M/S							
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						
Patient Support – Extended ^[5]	459800771027	22.7	117.6	42.2 max.	955	Floor	SAME						
Patient Support – Bariatric [11][8]	453567391361	22.7	4 107.4	25.4 / 42	890 ^[10]	Floor	UUT 1602-2	2.40	2.0	1	1	1 ½	2
Patient Support – IQon Bariatric	453567480192	22.7	0107.4	BY :47 ima	othy981. Pi	larFtbor	TMI	1.13	2.5	0		1 /2	2
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	· · ·			REFERENCE		ALARA .							
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		1	VIAD		602							
Host Rack including: [3]	459800444981	13.0	35.3	29.9	165	Floor	UUT- A1						
Common Host (IQon Host HP z440, CAN)	459801127401							1.44 1.13	2.0 2.5	1 0	1	2 1⁄2	2
Host Rack including: [3]	459800444981	13.0	35.3	29.9	165	Floor	SAME						1
Common Host (IQon Host HP z440, 64 GB, CAN)	459801308241												

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 2 OF 5

TABLE 1:

		Approx	x. Dimensio	Dimensions (in.)									
Component	Part No.	Ŵ	D	H	Wt. (lb.)	Mount	Basis ^[1]	F ₽/W₽	S _{DS}	z/h	a _P	R₽	Ω
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		CONI							
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 1⁄2	2
CIRS S1 (Dell T620 E5-2660/5 disk/H710/GPU)	459800456082	19	26.5	8.5			Z						
Console UPS (Staco UniStar)	459800913091	17.25	23	5.4 🔾	SP-047	2							
UPS battery (Staco UniStar)	459801029431	17.25	24	5.4			111						
IQon CT System CIRS Rack including: [4]	459801156031	23.6	o 43	377918 _m	othy J. Pi	land	0						
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	PA _{8.5} ⊨∶	05/02/2	Wall/Floor	UUT-A2	1.44 1.13	2.0 2.5	1 0	1	2 1⁄2	2
CIRS S1 (IQon HP z840 E5- 2630v3 6 Drv S1)	459801112471	19	22	8.5			~						
Console UPS (Staco UniStar)	459800913091	17.25	23	5.4									
UPS battery (Staco UniStar)	459800844121	17.25	24	5.4		CO^{\vee}							
POWER DISTRIBUTION				RI	ITI DIN	GU							
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 1⁄2	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 1.13	2.0 2.5	0	1	2 1⁄2	2
Cabinet Compressor – JUN AIR 50/60 Hz [7]	459800882781	24.3	26	33.7	290	Floor	UUT-9						

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 3 OF 5

TABLE 1:

System Mfr System	PHILIPS HE	ALTHCARE (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	Ω₀
	 Patient tab Requires tab 	Model is physically, r ble weight does not ir use of Philips Healtho use of Philips Healtho use of Philips Healtho use of Philips Healtho the not part of the IC use of Philips Healtho ble weight does not ir	actude 450 lb. ; care IQon GEN care IQon GEN care GANTRY/ care CT BOX S care KIT - CON Qon CT system care ICT SEISI actude 500 lb. ;	Datient load p I 5.1 HOST S I 5.X CIRS SE COUCH ANC EISMIC (Par IPRESSOR S and is includ MIC HARDEN Datient load p	resent during EISMIC KIT (HOR BRACH HOR BRACH t No. 459801 EISMIC (Par ed only to est ING KIT (Par resent during	testing. Part No. 4598019 Part No. 4598009 KET SEISMIC KI 147561). t No. 459801067 tablish a basis fo t No. 459801323	148053). 914063). T (Part No. 45 7821). or untested mo	59801139791).		or softwar	e.			





ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 4 OF 5

TABLE 2: System Mfr PHILIPS HEALTHCARE IQon CT (459800868134) System Approx. Dimensions (in.) Part No. W D Wt. (lb.) Mount | Basis ^[1] F_P/W_P R_P Ω_0 Component н S_{DS} z/h aP GANTRIES SAME AS 2.40 2.0 1 37.7 IQon Gantry [5] 459801662461 107 78.10 5.669 $1\frac{1}{2}$ 2 Floor 1 UUT-1 2.5 0 1.13 PATIENT TABLES Patient Support - Extended [5][8] 459800021201 22.7 42.2 max. 955 [2] UUT-2 117.6 Floor Patient Support – Extended ^[5] 459800771026 22.7 117.6 42.2 max. 955 Floor SAME UUT 2.40 2.0 1 890 [10] Patient Support – Bariatric [11][8] 453567391361 22.7 107.4 25.4/42 Floor 1 $1\frac{1}{2}$ 2 1602-2 1.13 2.5 0 Patient Support – IQon Bariatric [5] 22.7 42 453567480192 107.4 981 Floor INT UUT Patient Support – iCT Standard [9][8] 22.7 P42and 889 [2] 453567480181 in107.4 Floor 1705-2 CONSOLES IQon Gen 5.3 Host w/ Host Rack [3] 459801496671 02/3022 355/ UUT 1.44 2.0 1 13 189 2 1/2 2 Floor 1 1805-2 0 1.13 2.5 IQon Host, Z4 (HP) 459801496981 IQon Gen 5.3 Host w/ Host Rack [3] 459801899871 1.44 2.0 1 189 12.8 35.6 29.8 INT $2\frac{1}{2}$ 2 Floor 1 1.13 2.5 0 CT Gen 5.3 Host, 74 459801898441 Spectral Gen 5.3 Host w/ Host Rack [12] 459801902082 UUT 1.44 2.0 1 12.8 35.6 29.8 189 2 1/2 2 Floor 1 CT Gen 5.3 Host, Z4 2102-4 1.13 2.5 0 459801898441 IQon Gen 5.3 CIRS TL Rack/UPS/ACQ [4] 459801498651 CT Gen5.3 IQon CIRS Master, HP Z8 459801498681 CT Gen5.3 IQon CIRS Computing, HP Z8 459801498691 UUT 1.44 2.0 1 $2\frac{1}{2}$ 2 23.6 43.0 79.8 695 Wall/Floor 1 1805-1 1.13 2.5 0 CT Gen5.3 IQon CIRS Computing, HP Z8 459801498691 Staco UniStar VP 6kVA UPS w/ SNMP 459800913091 Staco UniStar UPS Extended Run Batt 459800844121

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 5 OF 5

TABLE 2:

System Mfr System	PHILIPS HEALTHCARE IQon CT (459800868	134)												
			Appro	Approx. Dimensions (in.)										
Component		Part No.	W	D	H	Wt. (lb.)	Mount	Basis ^[1]	F _P /W _P	SDS	z/h	a₽	R _P	Ω
POWER DIST	RIBUTION		•											
Light Weight F Electronics)	PDU (Spellman High Voltage	459800064812	22	0R320	D 48.5	1147	Floor	UUT-6	1.44 1.13	2.0 2.5	1 0	1	2 1⁄2	2
MISC			(25)			MA								
CT BOX ASS	Y. NO TILT (RoHS) ^[6]	459800842442	15.8	4	2.5	4	СТА	SAME AS UUT-5	1.44 1.13	2.0 2.5	1 0	1	2 1⁄2	2
Compressor – JUN AIR 50	/60 Hz	459800191992	21.42	28.86	30.75	200	Floor	UUT-8	1.44	2.0	1	4	0.1/	
Cabinet Comp – JUN AIR 50		459800882781	24.3	26	33.7	290	Floor	UUT-9	1.13	2.5	0	1	2 1⁄2	2
Notos	Wall/Floor Mounted refers to adjacent wall or other suppor											0		
Notes	1. BASIS:	Z		1 2488888888										
	UUT#: Indicates that OAME: Madelia above						• •	•						
	 SAME: Model is phy Patient table weight do 					1. Difference is	s limited to		er, color, c	or softw	are.			
	 Patient table weight do Requires use of Philips 					1561671								
	4. Requires use of Philips			And the second sec										
	5. Requires use of Philips						lo. 459801 ⁻	139791).						
	6. Requires use of Philips	Healthcare CT BOX S	SEISMIC (Pa	rt No. 459801	147561).	,		,						
	7. Requires use of Philips	Healthcare KIT - COM	IPRESSOR	SEISMIC (Pa	art No. 45980	01067821.								
	8. Component is not part	of the IQon CT system	1.											
	9. Requires use of Philips			· ·)1323201).								
	10. Patient table weight do				5 0									
	11. Component requires us	•		•		1)								
	12. Gen 5.3 Host w/ Host F					-								
1	13. Gray italic formatting in	dicates unit is not a co	omponent of	system and u	ised as basis	s for seismic q	ualification	only.						



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 1 OF 8

UUT-1	IQon Gantry								
MANUFACTURER:	Philips Healthcare							The second second	
IDENTIFICATION:	Model No.: 45980086	8121					S HILL HI		
	Serial No.: 860000					THE .	14		Sant
DESCRIPTION:	Component of the IQc Included components GANTRY/COUCH AN 459801139791).	found in Philips			T (Part No.				
MOUNTING:	Rigid Base using (8) - provided washer asse		429 Gr 8	bolts w	vith Philips				
PROPERTIES:		E	OR	co	DECO				
	DIMENSIONS (in.)	03.				LOW	EST RESONAN	T FREQUEN	CY (Hz.)
Width	Depth	Height		We	ight (lb.)	Side-Axis	Fron	t-Axis	Vertical-Axis
107	37.7	78.10	W		5669	9.4	8	.0	30.6
SHAKE TABLE TEST	PARAMETERS	7	\cap		٦/72	6		•	
CODE	TEST CRITERIA	S _{DS} (g)	z/ł	ì		A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC1 <mark>56</mark>	2.0 2. <mark>5</mark>	1.0 Tin0.0		J. Pilanc	3.20	2.40	1.68	0.68
Unit satisfied AC	156 requirements for str	uctural integrity	and ma	nufactu	rer requireme	ents for funct <mark>ional</mark>	lity after AC156	test.	•

UUT- 2	Patient Support – Extended	05/02/2022	
MANUFACTURER:	Philips Healthcare		20 A

MANUFACTURER:	Philips Healthcare		HHH		HHHHH					
IDENTIFICATION:	Model No.: 459800021	201	<u>NNN</u>			4.				
	Serial No.: 951038	PA.		- Malla						
DESCRIPTION:	Component of the IQo Patient Support - Stan PIM	dard including:	BU	ILC	DING			-		
	Included enhancemen subsequently included ANCHOR BRACKET \$	in Philips Hea	Ithcare G	GANTF	RY/COUCH					Red
MOUNTING:	Rigid Base using (5) – provided washer asser					in		10000		
PROPERTIES:										
	DIMENSIONS (in.)					LOW	EST F	RESONAN	T FREQUEN	CY (Hz.)
		Hoight		\٨/	eight (lb.)	Side-Axis		Front	-Axis	Vertical-Axis
Width	Depth	Height		• •	cigin (ib.)					
Width 22.7	117.6	41.4			954.5	3.7		7.	61	4.2
	117.6	· · ·			U ()	3.7		7.	61	4.2
22.7	117.6	· · ·	z/h		U ()	3.7 A _{FLX-H} (g)		7. _{RIG-H} (g)	61 A _{FLX-V} (g)	4.2 A _{RIG-V} (g)
22.7 SHAKE TABLE TEST	117.6 PARAMETERS	41.4		1	954.5		A _F			



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 2 OF 8

UUT-3	Host Rack							
MANUFACTURER:	Philips Healthcare	,						. 1
IDENTIFICATION:	Model No.: 45980044	4981				2		et.
	Serial No.: 50426S00	042				- Participant -		
DESCRIPTION:	Component of the IQc Common Host (Dell T (model no.: 45980084 Philips Healthcare IQc 459801148053)	3600 E5-1620 3 2981)						
MOUNTING:	Rigid Base using (4) - Screws to aluminum i		M A574 So	ocket Head Cap		-		
PROPERTIES:			2	ODE	-			
	DIMENSIONS (in.)	F	OK	LODE CC	LOWE	EST RESONAN	IT FREQUENC	Y (Hz.)
Width	Depth	Height		Weight (lb.)	Side-Axis	From	it-Axis	Vertical-Axis
13.0	35.3	29.9	W W Y	169	34.5	1	1.2	47.1
SHAKE TABLE TEST	PARAMETERS	\leq	())(_,()(_,))		XXXXX			
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 AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

UUT- 4	IQon CT S <mark>yste</mark>	m CIRS R	ack	05/0	10/2022						
MANUFACTURER:	Philips Healthcare) 		2/				
IDENTIFICATION:	Model No.: 45980087	3621	ANK -		AAAAAA		$\dot{\mathbf{p}}$				
DESCRIPTION:	Component of the IQo	n CT System.	<u> </u>		<u>ABBRID</u>			1	1		
	CIRS S3 (Dell T620 N	o RAID E5-26	60 K20	GPU)	4598004	56102					
	CIRS S2 (Dell T620 N	o RAID E <mark>5-26</mark>	30 K20	GPU)	4598004	56102					
	CIRS S1 (Dell T620 E	5-2660/5 disk/	H710/G	PU)	4598004	56082		A.2			C R
	Console UPS (Staco l	JniStar)			4598009	13091			1 1		
	UPS battery (Staco Ur	niStar)			4598010	29431		and Same			
	Test specimen include found in then-standard subsequently released		4598009	14063							
MOUNTING:	Wall/Floor using (4) – hex washer head, self wall. Manufacturer pro	-tapping, self-t	hreading	g sheet i	metal screws						
PROPERTIES:											
	DIMENSIONS (in.)					l	OWEST	RESONAN	IT FREQUE	INCY	(Hz.)
Width	Depth	Height		We	eight (lb.)	Front-	Axis	Side	-Axis	١	/ertical-Axis
23.6	42	79.8			783	12	.8	8	.0		14.7
SHAKE TABLE	TEST PARAMETERS									•	
CODE	TEST CRITERIA	S _{DS} (g)	Z	′h	l _P	A _{FLX-H} (g	I) A	_{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC156	2.0 2.5	1. 0.		1.5	3.20		2.40	1.68		0.68
Unit satisfied AC	156 requirements for stru	uctural integrity	and ma	anufactu	irer requireme	ents for funct	tionality at	fter AC156	test.		



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 3 OF 8

UUT- 5	IQon CT Box									
MANUFACTURER:	Philips Healthcare						1			
IDENTIFICATION:	Model No.: 45980084	2441								
	Serial No.: 004							,	-	
DESCRIPTION:	Component of the IQo	n CT System.					0			-
							0	B. B. A		14
						-				_
						1		Sec. 201	10	
MOUNTING:	Countertop Anchored reclosable fastener at bottom of foot and tes	each of two ta	x 3" 3M pered fe	Dual L et (ap	Lock plied to	1.000.00				
PROPERTIES:			2	$c \circ$	DE					
	DIMENSIONS (in.)	F	OK	ee	UL CO	LOW	EST RESONAN	IT FREQUEN	NCY	(Hz.)
Width	Depth				Side-Axis	Fron	t-Axis	V	ertical-Axis	
15.8	4	2.5			4	37.9	>	50		33.2
SHAKE TABLE TEST F	PARAMETERS	4	M.M.			XXX				
CODE	TEST CRITERIA	S _{DS} (g)	Z/ł	SP.	0472	A _{FLX-H} (g)	А _{RIG-H} (g)	A _{FLX-V} (g))	A _{RIG-V} (g)
CBC 2016	ICC-ES AC156	2.0 2.5	1.(0.(1.5	3.20	2.40	1.68		0.68
Unit satisfied AC1	56 requirements for stru	ictural integrity	and ma	nufact	urer requireme	nts for functiona	ity after AC156	test.		
			220000							
UUT- 6	Light Weight P		тс.	OE/	02/2022					
MANUFACTURER:	Spellman High Voltage		HE.	00/	0212022	5	In strength		4	
IDENTIFICATION:	Model No.: 45980006	4812		1	ARREAR I			- 1		
	Serial No.:102639659	-A01623			<u>TANAA</u>			T		
DESCRIPTION:	Component of the IQo	n CT System.								
	•				DING	0		100	-	
			BU	IL	DING				P	
							24		1-	
MOUNTING:	Rigid base using (4) - Screws with manufac							-		
	interface plate.		bracher					-		
							1	-	P	
							1		Va	
PROPERTIES:						1				
	DIMENSIONS (in.)					LOW	EST RESONAN	IT FREQUEN	NCY ((Hz.)
Width	Depth	Height		N	/eight (lb.)	Side-Axis	Fron	t-Axis	V	ertical-Axis
22	32	48.5			1147	10.1	10	6.7		23.8
SHAKE TABLE TEST F					T			T		
CODE	TEST CRITERIA	S _{DS} (g)	z/ł		l _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.()	1.5	3.20	2.40	1.68		0.68
Unit satisfied AC1	56 requirements for stru	ctural integrity	and ma	nufact	turer requireme	nts for functional	ity after AC156	test.		

PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

EASE

EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

ATTACHMENT PAGE | 4 OF 8

UUT-8	COMPRESSOR	-JUN AIR 5	50/60	HZ				
MANUFACTURER:	Philips Healthcare	/				-		
IDENTIFICATION:	Model No.: 459800191	992				A DO		CT-ALCO
							JUN-AIR	
DESCRIPTION:	Component of the IQon Casters removed to allo		f unit to	fixture.		1		
MOUNTING:	Floor mounted using (4 aluminum interface plat		J429 (Grade 8 bolts to				A Contraction of the second se
PROPERTIES:		E	DRI	CODE CO				
	DIMENSIONS (in.)	(2)			LOWE	EST RESONAN	T FREQUENC	CY (Hz.)
Width	Depth	Height	I M I	Weight (lb.)	Side-Axis	Fron	t-Axis	Vertical-Axis
21.42	28.86	30.75		200	21.9	1().6	15.6
SHAKE TABLE TEST F	PARAMETERS		\bigcirc	SP-0472	5			
CODE	TEST CRITERIA	S _{DS} (g)	z/h		A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2016	ICC-ES AC1 <mark>56</mark>	2.5	1.0	1.5	4.00	3.00	1.68	0.68
Unit satisfied AC1	156 requirements <mark>for stru</mark> e	ctural i <mark>ntegrity a</mark>	nd mar	ufacturer requireme	<mark>nts f</mark> or functi <mark>o</mark> nal	ity after AC156	test.	
UUT- 9		IPRESSO	R-J	JN/AIR 50/60	HZ			
MANUFACTURER:	Jun-Air		12222	100000000000000000000000000000000000000	10-51			
IDENTIFICATION:	459800882781						AND AND	
		O VIII	MV.					
DESCRIPTION:	Component of the IQo Test specimen include represented in Philips	d seismic enhar seismic kit P/N	459801	067821.		0:=	000	
	The Test Specimen wa	as fully populate	d at tim	ie of test.	20			State of the

MOUNTING: Floor mounted using (4) -3/8" dia. ASTM A574 Socket Head Cap Screws to aluminum interface plate.



PROPERTIES:									
DIMENSIONS (in.)						LOW	EST RESONAI	NT FREQUE	NCY (Hz.)
Width	Depth	Height	Height		t (lb.)	Side-Axis	From	nt-Axis	Vertical-Axis
24.3	26	33.7	33.7 290		6.1	6.3		29.9	
SHAKE TABLE TE	EST PARAMETERS								
CODE	TEST CRITERIA	$S_{DS}(g)$	z/h	ı	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	Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.								



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 5 OF 8

UUT-A1	Host Rack								
MANUFACTURER:	Philips Healthcare	/							
IDENTIFICATION:	Model No.: 45980044	4981					-		
	Serial No.: 50565S00	Serial No.: 50565S00123							
DESCRIPTION:	Component of the IQo Common Host (IQon I		Mouse, CA	N; model no.:45	9801127401)				
	Test specimen include IQon Gen 5.1 Host Se				ented in Philips				
MOUNTING:	Rigid Base using (4) - interface plate.	- 3/8" dia. ASTM	A574 Soc	ket Head Cap Sc	rews to aluminum		1		
PROPERTIES:				205					
	DIMENSIONS (in.)	E	RE	JDE CO	LOWE	ST RESONAN	IT FREQUENC	Y (Hz.)	
Width	Depth	Height		Weight (lb.)	Front-Axis	Side	-Axis	Vertical-Axis	
13.0	35.3	29.9	WVa	165	36.1	1(0.4	37.2	
SHAKE TABLE 1	EST PARAMETERS				XXXX		•		
CODE	TEST CRITERIA	S _{DS} (g)	⊂z/hSF	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 <mark>for stru</mark>	ictural i <mark>ntegrity a</mark> i	nd manufa	cturer requireme	nts for functionalit	y after AC156	test.		
UUT- A2	IQon CT S <mark>yste</mark> r	m CI <mark>RS R</mark> ac	★ . 05	:/02/2022					
MANUFACTURER:	Philips Healthcare								
IDENTIFICATION:	Model No.: 459801156	6031		- BEEREE					
DESCRIPTION:	Component of the IQor	n CT System.				1			
	CIRS S3 (IQon z840 E	5-2630v3 No Rai	id S2/S3)		459801112481				
	CIRS S2 IQon z840 E5	5-2630v3 No Raid	d S2/S3)	DING	459801112481				
	CIRS S1 (IQon z840 E	5-2630v3 6 Drv 8	S1)	DING	459801112471	0			
	Console UPS				459800913091	T		Esti 😽	
	UPS battery				459800844121				
						_			

Wall/Floor using (4) - 5/8" dia. SAE J429 Gr 8 bolts to the floor and $(6) - \frac{1}{4}$ " hex MOUNTING: washer head, self-tapping, self-threading sheet metal screws to the wall. Manufacturer provided brackets, top and bottom

A. 11	

PROPERTIES: DIMENSIONS (in.) LOWEST RESONANT FREQUENCY (Hz.) Width Vertical-Axis Front-Axis Depth Height Weight (lb.) Side-Axis 23.6 43 79.8 713 13.1 26.8 10.1 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) $A_{RIG-V}(g)$ 2.0 1.0 CBC 2016 ICC-ES AC156 1.5 3.20 2.40 1.68 0.68 2.5 0.0 Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 6 OF 8

UUT1705-2	Patient Suppo	ort - Standard				
MANUFACTURER:	Philips Medical Syste	ems (Cleveland)		" yet and "	-	
IDENTIFICATION:	Model No.: 4535674	80181				
DESCRIPTION:						
MOUNTING:	Rigid Base (Floor) m Grade 8 bolts w/ Phi interface plate.	ounted using (5) – ½ lips supplied washer	in dia. SAE J429 kit to aluminum			
	DIMENSIONS (in.	FO		LOWEST	RESONANT FREQUE	NCY (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 PAR	RAMETERS				CODE: 2016 CBC
S _{DS} (G)	z/h	l _P	$OSP_{A_{FLX+H}}(G)$ 2	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0 2.5	1	1.5	3.2	2.4	1.68	0.68

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

UUT1602-2	Patient Support - Bariatric : 05/02/2022	6
0011002-2		

MANUFACTURER:	Philips Medical Syste	ms (Cleveland)		= 2	, =0		
IDENTIFICATION:	Model No.: 45356739	91361			e series		
DESCRIPTION:	Component of the Bri iCT System and othe Philips Healthcare Se	rs.	UILDING				
MOUNTING:	Rigid Base (Floor) mo Grade 8 bolts to alum						
	DIMENSIONS (in.)			LOWEST	RESONANT FREQU	ENCY (Hz.)	
Width	Depth	Height	Weight (lb.)	Transv -Axis	Longit-Axis	Vert-Axis	
22.7	107.4	36	908	3.3	7.3	4.7	
CC-ES AC156 SHA	AKE 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 2.5	1 0	1.5	3.2	2.4	1.68	0.68	
Unit satisfied AC156	6 requirements for struc	tural integrity and ma	anufacturer requiremen	ts for functionality afte	r AC156 test.		



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 7 OF 8

UUT1805-1	IQon Gen 5.3	3 CIRS TL_Ra	ick / UPS / ACQ	!		
Manufacturer:	Bynet, Hewlett Pack	ard (HP) & Philips He	ealthcare (Suzhou) Co.,	Ltd.		
Identification:	Part No.: 45980149	8651				
Description:	Gen 5.3 CIRS TL Component of IQc	Rack / UPS / ACQ n CT System				
	CT Gen5.3 IQon (Each w/ 1 TE Staco UniStar VP Staco UniStar UP Philips Healthcare	CIRS Master, HP Z8, CIRS Computing, HP	, , Seismic Kit	Part No. 459601498681 459801498691 B1T0HALR-000H2 459800913091 459800844121 459800914063 B2T0HMLB-000H1		
Mounting:	washer head, self-ta		J429 Gr 8 bolts at base sheet metal screws to the bottom			
	Dimensions (in.	OFU		Lowes	t Resonant Frequen	cy (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 Param	eters		2		Code: 2016 CBC
S _{DS} (G)	z/h	Ι _Ρ	AFLX-H (G) 2	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0 2.5	1 0	1.5 DV• Ti	3.2 Bilon	2.4	1.68	0.68

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

UUT1805-2 IQon Gen 5.3 Host w/ Host Rack 2/2022

0011003-2		HOSt W/ HOSt				
Manufacturer:	Avnet Technology So Hewlett Packard (HP)	lutions (Taijin), Ltd. (A & Philips Healthcare				
Identification:	Part No.: 4598014966	BTI ORVIA BU	JIDING	ODE T	-	
Description:	Component of IQon C	T System			UUT-2	
	<u>Includes:</u> Host Rack (Avne IQon Host z4, (HP Z4 Philips Healthcare Ge IMR Rack Seismic Kit	Computer) Part en 5.3 Host	No.: 459801496671 No.: 459801496981 No.: 459801561671			
Mounting:		using (4) – 3/8" dia. As aluminum interface pla				
	Dimensions (in.)			Lowes	t Resonant Frequen	icy (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
ICC-ES AC156 Sh	ake Table Test Parame	ters				Code: 2016 CBC
S _{DS} (G)	z/h	l _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
Unit actisfied AC15	6 requirements for struc	tural integrity and man			101501	



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 8 OF 8

UUT2102-4	Spectral Gen	5.3 Host w/ H	lost Rack				
Manufacturer:	Philips Healthcare &	Hewlett Packard (HP))				
Identification:	ID No.: 45980190208 Serial No.: 7P19007	32			A		
Description:	Component of Spect component of IQon C	ral CT 7500 System in CT System	ncluded as basis for		UUT-4		
	Spectral Gen 5.3 Hos CT Gen 5.3 Host Z4	<u>st w/Host Rack includi</u> (459801898441)	ing:				
	Weight includes exte	rnal mounting bracket	hardware				
	Requires the use of F contains mounting ha	Philips Seismic Kit 459 ardware.	9801561671 which			t	
Mounting:	<u>Rigid Base (Floor) m</u> Grade 5 bolts	ounted using (4) – 3/8	a" dia. SAE J429			-	
	Dimensions [in]	(EP)		Lowes	t Resonant Frequen	icy [Hz]	
Width	Depth	Height	Weight [lb]	Side - Axis	Front - Axis	Vert - Axis	
12.8	35.6	29.8	189	28.18	11.64	23.58	
ICC-ES AC156 Sha	ke Table Test Parame	eters	DSP-0472	C		Code: 2019 CBC	
S _{DS} [G]	z/h	J. J. Postorooo	A _{FLX-H} [G]	A _{RIG-H} [G]	A _{FLX-V} [G]	A _{RIG-V} [G]	
2.0 2.5	1	B5/: Tin	othy ^{3j20} Pilan	2.40	1.68	0.68	

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

