

Title: Principal Structural Engineer

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-0335
HCAI Special Seismic Certification Preapproval (OSP)	
Type: New X Renewal	
Manufacturer Information	
Manufacturer: GE Healthcare	
Manufacturer's Technical Representative: Tom Farnow	
Mailing Address: 3000 N. Grandview Blvd., Waukesha, WI 531881696	
Telephone: (888) 406-1101 Email: Tom.Farnow@ge	ehcseismic.com
Product Information	
Product Name: OPTIMA CT540 & DISCOVERY CT750 HD SYSTEM	Mo
Product Model Number(s): See Attachment 1	4
Product Category: CT Systems	3
Product Sub-Category: CT Systems	im
General Description: Multiple component CT medical imaging system. Sidentified in Attachment 1 for for functions related to services	eismic Certification is limited to the components o Computed Tomography (CT) diagnostic imaging
Mounting Description: Base Mounted Rigid - DATE: 08/11/2025	
Tested Seismic Enhancements: Seismic enhancements made to the test anomalies during the tests shall be incor	t units and/or modifications required to address reporated into the production units.
Applicant Information	
Applicant Company Name: EASE LLC	
Contact Person: Jonathan Roberson	
Mailing Address: 5877 Pine Ave Suite 210, Chino Hills, CA 91709	
Telephone: (909) 606-7622 Email: j.roberson@ease	eco.com







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

California Licensed Structu	ral Engineer Resp	onsible for the Engin	eering and Test Repo	rt(s)
Company Name: EASE LLC				
Name: Jonathan Roberson		California Lice	ense Number: S4197	
Mailing Address: 5877 Pine Ave	e., Suite 210, Chino H	lills, CA 91709		
Telephone: (951) 295-1892	E	mail: jon@EASECo.com	า	
Certification Method				
GR-63-Core X	ICC-ES AC156	IEEE 344	IEEE 693	NEBS 3
Other (Please Specify):				
Testing Laboratory				
Company Name: ENVIRONME	NTAL TESTING LAB	ORATORIES, INC. (ETL)	10	
Contact Person: Jeremy Lange				
Mailing Address: 11034 Indian	Trail, D <mark>allas TX 7522</mark>	9-3513	13	
Telephone: (972) 247-9657	REAL PROPERTY OF THE PROPERTY	mail: jeremy@etldallas.d	com	
		Mohammad Karim		
	DA DA	TE: 08/11/2025	DE:	



STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY



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

Seismic Parameters

Design Basis of Equipment or Components (Fp/Wp) = See Attachment 1 / Table 2 & Table 4

SDS (Design spectral response acceleration at short period, g) = 2.0 (z/h=1) and 2.5 (z/h=0)

ap (Amplification factor) = See Attachment 1 / Table 2 & Table 4

Rp (Response modification factor) = See Attachment 1 / Table 2 & Table 4

 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 1

Overall dimensions and weight = See Attachment 2

HCAI Approval (For Office Use Only) - Approval Expires on 08/11/2031

Date: 8/11/2025

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = 2.0 z/h = 1

Condition of Approval (if applicable):

DATE: 08/11/2025





STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY



ATTACHMENT 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

ATTACHMENT PAGE | 1 OF 3

TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS: OPTIMA CT540 SYSTEM

SYSTEM MFR.	GE HEALTHCARE	 /						
SYSTEM	OPTIMA CT540 S	YSTEM						
			DII	MENSIONS	(IN.)	MAX WT		
SYSTEM COM	/IPONENT	MODEL NO.	W	D	Н	(LB.)	MOUNT [8]	BASIS ^[1]
GANTRIES						, ,		
Optima CT54	0 Gantry [6]	5432539	80.7	41.1	76.5	3943	Floor	UUT-A1308-1
Optima CT54	0 Gantry (TangE) ^[10]	5432539-3	80.7	41.1	76.3	3960	Floor	UUT-1806-4
Optima CT540	O Gantry (TangE) [10]	5432539-5	80.7	41.1	76.3	3960	Floor	SAME
Optima CT540	O Gantry (TangE) [10]]	5432539-7	80.7	41.1	76.3	3960	Floor	SAME
PATIENT TABL	_ ES [7]				<u> </u>	<u> </u>	·	•
GT1700V Tab	ole	5122080-11	25.6	93.3	19.2 / 41.3	1,059 [3]	Floor	UUT-A1126-2
GT1700V Tab	ole	5122080-12	25.6	93.3	19.2 / 41.3	1,059	Floor	SAME
POWER DISTR	RIBUTION UNITS	(3.0			7	•	•	
Power Distrib	ution Unit	2326492-71	27.6	21.7	41.8	813 [2]	Floor	UUT-A1308-2
CONSOLES		ZY A WIN	MAWY		17		<u> </u>	•
NIO Console	[9]	5411378-23	18.5	29.1	25.8	161	Floor	UUT-A1308-3
NIO Console	[9]	5411378-11	18.5	29.1	25.8	159	Floor	INT
RIO Console	[5][9]	5577708-102	18.5	29.1	25.8	176	Floor	UUT-A1126-5
Open Console	e 16 (TangE)	5941604-10	oha517ma	d 26,4im	22.7	133	Floor	UUT-1806-5
Open Console	e 16 (TangE)	5941604-22	15.7	26.4	22.7	133	Floor	SAME
Open Console	e 16 (TangE)	5941604-30	15.7/4.4	26.4	22.7	133	Floor	SAME
Open Console	e w/ Z8G4 ^[5]	5946404-15	15.8	26.4	22.7	142 [2]	Floor	UUT-1914-2
Open Console	e w/ Z8G4	5941604-16	15.8	26.4	22.7	142 [2]	Floor	SAME
Open Console	e w/ Z8G4	5941604-26	15.8	26.4	22.7	142 [2]	Floor	SAME
OTHER EQUIP	MENT	PANI		MADO	O			
Freedom worl w/ 2 LCD mor	kspace – Large nitors	5168666-2	53.1	29.2	26.9 / 35.9	167 [4]	Floor	UUT-A1216-2
Freedom worl w/ 2 LCD mor		5168666-3	50	24.4	26.9 / 35.9	155 ^[4]	Floor	UUT-A1126-4
MOUNT	FLOOR (RIGID BA supporting structure				condition with	the compone	ent rigidly atta	ched to a
NOTES	program. SAME: Mo model num INT (Interp qualification) Weight include 3. Weight for GT 4. Weight include 5. Gray italic for qualification. This gantry re 7. Requires GE 18. See Attachme	cates that a test s del is physically, r ber, color and/or a olate or extrapola n was established es GE Healthcare 1700V Table doe es 2 LCD monitors matting indicates of quires GE mounti mounting kit from ent 2 for additional sole requires GE mounti	mechanically software. te): indicates I through evaluation seismic mous not include s. unit is not a cong kit: Catalog No. It mounting kit:	& electrically a model that uation of tes nting bracke 350 lb. patie omponent of g No. B7760 B7660MY or ormation. Catalog No.	the same as to was not specting of other, sts. Int load present system and use 2CB / Enginese equivalent. B73762CA / E	test specimer ifically tested imilar models t during testing sed only as being P/N 549 ingineering P	n. Difference is, and by which in the producing. pasis for seism. 4520	s limited to n seismic ct line.



ATTACHMENT 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

ATTACHMENT PAGE | 2 OF 3

TABLE 2: ASCE 7-16 DESIGN BASIS FOR EQUIPMENT: OPTIMA CT540 SYSTEM

COMPONENT	MODEL NO.	F _P /W _P	S _{DS}	z/h	a _P	R_P	Ω_0
Optima CT540 Gantry	5432539	2.40	2.0	1	1	1 ½	2
Optima C1340 Gantry	7 3432339	1.13	2.5	0	'	1 /2	2
	5432539-3	2.40	2.0	1			
Optima CT540 Gantry (TangE)	5432539-5 5432539-7	1.13	2.5	0	1	1 ½	2
GT1700V Patient Table	5122080-11	2.40	2.0	1	1	1 ½	2
GII/UUV Pallent Table	5122080-12	1.13	2.5	0	1	1 /2	2
Consoles	5411378-23	1.50	2.0	1		_	
	5411378-11 5577708-102	1.13	2.5	0	2 ½	6	2
	5941604-10	1.44	2.0	1		2 ½	2
Open Console 16 (TangE)	5941604-22 5941604-30	1.13	1.2.5	0	1		
	5946404-15	1.44	2.0	1			
Open Console w/ Z8G4	5941604-16 5941604-26	1.13	2.5	0	1	2 ½	2
Freedom Workspace	5168666-2 OSP	03.445	2.0	<u>C</u> 1	1	2 ½	2
rieedom workspace	5168666-3	1.13	2.5	0] '	Z /2	۷.
PDU	2326492-71 Oham	ma ^{1,44} Kai	im ^{2.0}	1	1	2.1/	2
FDU	2320492-71	1.13	2.5	0		2 ½	

DATE: 08/11/2025

ATTACHMENT 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

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TABLE 3: SEISMIC CERTIFIED SYSTEMS & COMPONENTS: DISCOVER CT750 HD SYSTEM

MANUFACTURER	GE HEALTHCAF	RE /						
SYSTEM	DISCOVERY CT	750 HD						
				DIMENSIONS (II	N.)	MAX WT		
SYSTEM COM	MPONENT	MODEL NO.	W	D	H	(LB.)	MOUNT	BASIS ^[1]
GANTRIES								
Discovery CT	750 HD Gantry	5232084-7	89.25	39.65	74.6	3992	Floor	UUT-B1329-1
Discovery CT	750 HD Gantry	5232083-7 5232083-5	89.25	39.65	74.6	3992	Floor	SAME
PATIENT TAB	LES							
GT 1700V		5122080-11	25.6	93.3	19.2 / 41.2	1059 [2]	Floor	UUT-A1126-2
GT 1700		5122080-4	25.6	93.3	19.2 / 41.2	1059	Floor	INT
GT 2000X		5380966	R25.6	114.5	18.3 / 41.3	1258	Floor	INT
GT 2000		5121647-3	25.6	114.5	18.3 / 41.3	1146 ^[3]	Floor	UUT-B1408-4
GT 2000		5121647-4	25.6	114.5	18.3 / 41.3	1146	Floor	SAME
POWER DISTR	RIBUTION UNITS				Y			
Power Distrib	ution Unit	2326492-61	27.6	21.7	41.8	818 [4]	Floor	UUT-B1313-2
CONSOLES		3 /////	USP- U	1335				
GOC 6.6 Cor	sole	5212920-150	48.74	46.5 / 54.7	26.7 / 34.7	405 ^[5]	Floor	UUT-B1312-1
MOUNTING	FLOOR (RIGID BAS	SE) MOUNT: free-st eral support above the		mounted condition	with the compo	nent rigidly atta	ached to a su	pporting
NOTES	SAME: Mocolor and/outline INT (Interprestablished) Weight of 170 Weight of GT Weight of PDI	icates that a test spended is physically, me or software. solate or extrapolate) d through evaluation 0V Patient Table do 2000 Patient Table of U includes 22 lb. GE C 6.6 Console include	chanically & e : indicates a n of testing of o es not include does not include Healthcare se	lectrically the sam nodel that was not ther, similar mode 350 lb. patient loa de 550 lb. patient le sismic mounting br care seismic mour	e as test specim specifically teste Is in the product d present during oad present duri ackets.	en. Difference ed, and by which line. testing.	is limited to r	model number,

TABLE 4: ASCE 7-16 DESIGN BASIS FOR EQUIPMENT: DISCOVER CT750 HD SYSTEM

COMPONENT	MODEL NO.	F _P /W _P	S _{DS}	z/h	a _P	R₽	Ω_0
	5232084-7	2.40	2.0	1			_
Discovery CT750 HD Gantry	5232083-7 5232083-5	1.13	2.5	0	1	1 ½	2
GT 1700V Patient Table	5122080-11	2.40	2.0	1	4	1 ½	2
	5122000-11	1.17	2.6	0	'	l /2	2
GT 2000 / GT 2000X / GT	5122080-4 5380966 5121647-3 5121647-4	2.40	2.0	1	1	1 ½	2
1700 Patient Tables		1.13	2.5	0			2
Concele	F040000 4F0	1.50	2.0	1	0.1/		2
Console	5212920-150	1.17	2.6	0	2 ½	6	2
PDU	2326492-61	1.44	2.0	1	4	2 ½	2
רטט	2320492-01	1.17	2.6	0	I	Z /2	2

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-A1308-1	Optima CT540 Gantry
MANUFACTURER:	GE Hangwei Medical Systems Co., LTD
IDENTIFICATION:	Model No.: 5432539
	Serial No.: ENG Prototype
DESCRIPTION:	System component of the Optima CT540 System

MOUNTING:

Rigid Base (Floor) Mounted using: GE mounting kit: Catalog No. B77602CB (P/N 5494520) (4) - 5/8" Dia Hex head bolts to interface frame.



PROPERTIES:

	DIMENSIONS (in.)				LOWES	T RESONANT	FREQUENC	Y (Hz.)
Width	Depth	Height	Wei	ight (lb.)	X-Axis	Y-A	xis	Z-Axis
80.7	41.1	76.5	Man Marika	3,943	6.4	9.0	3	21.0
SHAKE TABLE 1	TEST PARAMETERS		OSP-0	335				
CODE	TEST CRITERIA	S _{DS}	z/h	l _P	A _{FLX-H}	A_{RIG-H}	A_{FLX-V}	A _{RIG-V}
CBC 2022	ICC-ES AC156-10	2.0	1.0 Mol _{0.0} mm	ad Karim	3.20	2.40	1.74	0.70

	DATE: 08/11/2025	
UUT-A1308-2	Power Distribution Unit (NGPDU-71)	
MANUFACTURER:	GE Hangwei Medic <mark>al Sy</mark> stems Co., LTD	
IDENTIFICATION:	Model No.: 2326492-71	
	Serial No.: 306846HM7	
DESCRIPTION:	System component of the Optima CT540 System	
MOUNTING:	Rigid Base (Floor) mounted using: (2) – 3/8" dia. ASTM A574 Socket Head Cap Screws w/ washer through each GE mounting bracket to floor plate. (4 anchors total) (2) – Seismic Bracket, System Cabinet (P/N 2354563-2) Each bracket mounted to cabinet w/: (2) – M10 x 25mm Class 12.9 bolt (Torque= 38.4 N-m) (2) – M10 Lock Washer (P/N 2203-M10-07) (2) – M10 Flat Washer (P/N 2000-M10-03) NOTE: GE bracket assembly included standard.	



PROPERTIES:

	DIMENSIONS (in.)				LOWE	ST RESONANT	FREQUEN	CY (Hz.)
Width	Depth	Height	Height Weight (lb.)		X-Axis	Y-A	xis	Z-Axis
27.6	21.7	41.8		813		15	.6	32.6
SHAKE TABLE T	SHAKE TABLE TEST PARAMETERS							
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A_{FLX-H}	A _{RIG-H}	$A_{\text{FLX-V}}$	A_{RIG-V}
CBC 2022	ICC-ES AC156-10	2.0 2.6	1.0 0.0	1.5	3.20	2.40	1.74	0.70
Unit satisfied AC1	56 requirements for stru	uctural integrity	and manufactu	rer requirement	s for functionality	after AC156 te	est.	

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-A1308-3	NIO Console			
MANUFACTURER:	GE Hangwei Medical System	ns Co., LTD		
IDENTIFICATION:	Model No.: 5411378-11 (on			
	Model No.: 5411378-23 (as	configured w/ GF	PU card)	
DESCRIPTION:	System component of the Opmanufactured unit was Mode testing a GPU card added to it to Model No. 5411378-23.	el No. 5411378- the test specim	11. Prior to	
MOUNTING:	Rigid Base (Floor) Mounted GE mounting kit: Catalog No (4) - 3/8" dia. grade 8 Allen h interface plate.	b. B73762CA (Er		
PROPERTIES:		FOR	CODE CO	
	DIMENSIONS (in.)			LOWEST I
Width	Depth	Height	Weight (lb.)	Side-Axis
18.5	29.1	25.8	161	12.2



PROPERTIES.			THE PROPERTY OF THE PROPERTY O	Mary Control				
	DIMENSIONS (in.)				LOWES.	T RESONANT	FREQUEN	CY (Hz.)
Width	Depth	Height	We	ight (lb.)	Side-Axis	Front-	Axis	Vertical-Axis
18.5	29.1	25.8		161	12.2	16.	.8	9.9
SHAKE TABLE T	SHAKE TABLE TEST PARAMETERS USP-0335							
CODE	TEST CRITERIA	S _{DS}	z/h	l _P	A _{FLX-H}	A_{RIG-H}	$A_{\text{FLX-V}}$	A_{RIG-V}
CBC 2022	ICC-ES AC15 <mark>6-10</mark>	2.0 2.6	Moloamm	ad Karim	3.20	2.40	1.74	0.70
Unit satisfied AC1	Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							

	0 KW 1 / L · (18/11/1/)
UUT-A1126-2	GT1700V Table
MANUFACTURER:	GE Hangwei Medical Systems Co., LTD
IDENTIFICATION:	Model No.: 5122080-11
DESCRIPTION:	System component of the Optima CT660 System. Also used with other GE imaging systems.
	350 lb. simulated patient load included in test. Table tested at a height of 34.9".
MOUNTING:	Rigid Base (Floor) Mounted using: (4) – 5/8" dia. Gr 8 hex head bolts (torqued to 60 lb-ft) w/ GEHC supplied patient table foot assembly. Leveling foot bushing excluded.
	Requires Seismic Kit B7660MY (Optima CT660 system) or equivalent.
PROPERTIES:	



PROPERTIES:											
	DIMENSIONS (in.)					LOWI	EST F	RESONAN	T FREQUE	NCY (H	Hz.)
Width	Depth	Height		Weight (lb.)		Transverse-A	xis	Longitud	linal-Axis	Ve	rtical-Axis
25.6	93.3	19.2 / 41.2		1059	+ 350 Patient	3.9	3.9 1		5.2		14.2
SHAKE TABLE 1	SHAKE TABLE TEST PARAMETERS										
CODE	TEST CRITERIA	$S_{ extsf{DS}}$	z/	h	I _P	A_{FLX-H}		A _{RIG-H}	A _{FLX-V}		$A_{\text{RIG-V}}$
CBC 2022	ICC-ES AC156-12	2.0 2.6	-		1.5	3.20 2.40 1.7		1.74		0.70	
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-A1126-5	RIO Consol	e /				
MANUFACTURER:	GE Medical Syste	ems, LLC		-	O market	
IDENTIFICATION:	Model No.: 55777	708-102		3 68	f	ba
				(A)		70
DESCRIPTION:		nt of the Optima CT66 her GE imaging system			Front	
MOUNTING:) <u>Mounted</u> using: Catalog No. B73762C/ de 8 Allen head cap sc				-2
PROPERTIES:		FOI	CODE			
	DIMENSIONS (in	n.)		LOWEST	RESONANT FREQU	JENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vertical-Axis
18.5	29	25.8	175.5	21.8	13.5	13.6
SHAKE TABLE T	EST PARAMETERS	4///)SP-0335			
CODE	TEST CRITERIA	S _{DS}	z/h I _P	A _{FLX-H}	A _{RIG-H} A _{FLX}	-v A _{RIG-V}

vvidti	Берит	rieight		Weight (ib.)	FIGHT-AXIS	Side	-/\\I3	V el tical-Axis
18.5	29	25.8		175.5	21.8	1:	3.5	13.6
SHAKE TABLE 1	TEST PARAMETERS	7///	OS	P-0335				
CODE	TEST CRITERIA	S _{DS}	z/h	ANNE SEESE PESSES	A _{FLX-H}	A _{RIG-H}	A_{FLX-V}	A_{RIG-V}
CBC 2022	ICC-ES AC156-12	2.0 2.6	1.0 Moo.0	ammad¹Kari	m 3.20	2.40	1.74	0.70
Unit satisfied AC1	56 requirements for stru	uctural integrity	and man	ufacturer requireme	ents for funct <mark>ional</mark> i	ty after AC156	test.	
		DV.	TE. (19/11/2025				
UUT-A1216-2	Freedom Wor	kspace -	Large v	w/ 2 LCD mon	itors			

UUT-A1216-2	Freedom Workspace - Large w/ 2 LCD mor	nitors
MANUFACTURER:	GE Healthcare	
IDENTIFICATION:	Model No. 5168666-2	
DESCRIPTION:	System component of the Discovery 610 PET/CT System. Also used with other GE imaging systems. Larger variant of the Freedom Workspace table w/ (2)-EIZO LCD Monitors mounted to articulated arms.	
MOUNTING:	Rigid Base (Floor) mounted using: GE mounting kit: Catalog No. B73762CA (Eng P/N 5394347) (4) - 3/8" dia. grade 8 Allen head cap screw to aluminum interface plate.	

	DIMENSIONS (in.)				LOW	EST RESONAN	NT FREQUEN	ICY (Hz.)
Width	Depth	Height		Weight (lb.)	Side -Axis	Side -Axis Front		Vertical-Axis
53.1	29.2	35		167	6.1	3	3.9	3.9
SHAKE TABLE	TEST PARAMETERS							
CODE	TEST CRITERIA	S_{DS}	z/h	I _P	A _{FLX-H}	A_{RIG-H}	A_{FLX-V}	A_{RIG-V}
CBC 2022	ICC-ES AC156-12	2.0 2.6	1.0 0.0	1 15	3.20	2.40	1.74	0.70

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-A1126-4	Freedom Workspace w/ 2 LCD monitors
MANUFACTURER:	GE Hangwei Medical Systems Co., LTD.
IDENTIFICATION:	Model No. 5168666-3
DESCRIPTION:	System component of the Optima CT660 System Also used with other GE imaging systems.
MOUNTING:	Rigid Base (Floor) mounted using: GE Healthcare brackets w/ (4) – 3/8" dia. socket head bolts, nuts & washers to ¾" OSB decking.



PROPERTIES: **DIMENSIONS (in.) LOWEST RESONANT FREQUENCY (Hz.)** Width Height Weight (lb.) Side -Axis Vertical-Axis Depth Front-Axis 50 24.4 34 155 w/ monitors 6.7 11.9 31.3 SHAKE TABLE TEST PARAMETERS TEST CRITERIA SDS $A_{\text{FLX-H}}$ CODE z/h I_{P} $A_{\text{RIG-H}}$ $A_{\text{FLX-V}}$ $A_{\text{RIG-V}}$ 2.0 1.0 **CBC 2022** ICC-ES AC156-12 ad¹Kar 0.70 3.20 2.40 1.74 2.6 0.0

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

UUT-B1312-1	GOC 6.6 Console
MANUFACTURER:	General Electric Company
IDENTIFICATION:	Model No.: 5212920-150
	Serial No.: 431863CN0
DESCRIPTION:	System component of the Discovery CT750 HD System UUT tested with Height set at 34.7" & Depth set to 54.74"
MOUNTING:	Rigid Base (Floor) mounted using: (2) – 3/8" dia. ASTM A574 Socket Head Cap Screws w/ washer through each of two GE mounting brackets to floor plate. (4 anchors total) GE mounting assembly including: (2) Bracket P/N 2330594 Each bracket mounted to cabinet w/: (2) M10 x 20mm Class 12.9 Torque 38.4 Nm (2) M10 Lock Washer (P/N 2203-M10-07) (2) M10 Flat Washer (P/N 2000-M10-03)
PROPERTIES:	



PROPERTIES:									
	DIMENSIONS (in.)				LOWE	ST RESONAN	T FREQUE	NCY (Hz.)	
Width	Depth	Height		Weight (lb.)	X-Axis	Y-A	xis	Z-Axis	
48.74	46.54 / 54.74	26.7 / 34	.7	405	6.2	17	.3	22.9	
SHAKE TABLE T	SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S_{DS}	z/h	I _P	A_{FLX-H}	A_{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2022	ICC-ES AC156-10	2.0 2.6	1.0 0.0	1.5	3.20	2.40	1.74	0.70	

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-B1329-1	Discovery CT750 HD Gantry
MANUFACTURER:	General Electric Company
IDENTIFICATION:	Model No.: 5232084-7
	Serial No.: 433971CN9
DESCRIPTION:	System component of the Discovery CT750 HD System.

MOUNTING:

 $\frac{\text{Rigid Base (Floor) mounted}}{(4)-5/8"} \text{ Dia Grade 8 Hex head Cap bolts to interface frame.}$



PROPERTIES:

	DIMENSIONS (in.)				LOWES	T RESONANT	FREQUENC	Y (Hz.)
Width	Depth	Height	Weight (lb.)		X-Axis	Y-Axis		Z-Axis
89.25	39.65	74.6	74.6		6.1	9.6		14.0
SHAKE TABLE 1	TEST PARAMETERS	7////	OSP-0	335				
CODE	TEST CRITERIA	S _{DS}	z/h	l _P	A _{FLX-H}	A_{RIG-H}	$A_{\text{FLX-V}}$	A_{RIG-V}
CBC 2022	ICC-ES AC15 <mark>6-10</mark>	2.0	1.0 Mol _{0.0} mm	ad Karim	3.20	2.40	1.68	0.68

	DATE: 08/11/2025
UUT-B1408-4	GT2000 Patient Table
MANUFACTURER:	GE Hangwei Medic <mark>al Syst</mark> ems CO. LTD.
IDENTIFICATION:	Model No.: 5121647-3
DESCRIPTION:	System Component of the LightSpeed VCT System GT2000 N9 Patient Table Test specimen included a simulated patient load of 550 lb. Seismic Kit
MOUNTING:	Floor: (4) – 5/8" dia GR 8 hex head bolts (torqued to 60 lb-ft) w/ GEHC supplied patient table foot assembly.



PROPERTIES:

	DIMENSIONS (in.)					LOWI	EST F	RESONAN	T FREQUE	NCY (F	Hz.)
Width	Depth	Height		Weight (lb.)		Transverse-Axis		Longitudinal-Axis		Ve	ertical-Axis
25.6	114.5	35.5		1146	+550 Patient	2.7		7.1			5.7
SHAKE TABLE 1	EST PARAMETERS										
CODE	TEST CRITERIA	S_{DS}	z/	h	I _P	A_{FLX-H}		A _{RIG-H}	$A_{\text{FLX-V}}$		$A_{\text{RIG-V}}$
CBC 2022	ICC-ES AC156-12	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	anufacti	urer requireme	nts for functional	ity aft	er AC156 t	test.		

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 6 OF 7

UUT-B1313-2	Power Distribu	tion Unit						
MANUFACTURER:	GE Hangwei Medical	Systems CO. L	.TD.				The B	
IDENTIFICATION:	Model No.: 2326492-6	61				· BEAL H	-17	10
							3 7	
DESCRIPTION:	System component of Also used with other (n.				
	Also referred to as NO	SPDU-61			BALLET .			
	Rigid Base (Floor) mo (2) – 3/8" dia. ASTM / washer through plate. (4 anchors GE mounting assemb (2) – Seismic Bracket Each bracket mounte (2) – M10 x 25mm Cla (2) – M10 Lock Wash (2) – M10 Flat Washe NOTE: GE bracket as	A574 Socket He each GE moun s total) ly including: , System Cabin d to cabinet w/: ass 12.9 bolt (T er (P/N 2203-M r (P/N 2000-M1	et (P/N 235 orque= 38. 110-07)	t to floor 54563-2) 4 N-m)	Mp.		40:	
PROPERTIES:		7,	Mya					
	DIMENSIONS (in.)	Y/			LOWE	ST RESONAN	IT FREQUEN	ICY (Hz.)
Width	Depth 4	Height	OSP	Weight (lb.)	Side-Axis	Fron	t-Axis	Vertical-Axis
27.6	21.7 41.8 818 15.7 19.9 45							
SHAKE TABLE T	EST PARAMETERS	DV·N	/lohom	mad Karin				
CODE	TEST CRITERIA	S _{DS}	z/h	llau Kallil	A _{FLX-H}	A _{RIG-H}	$A_{\text{FLX-V}}$	A_{RIG-V}
CBC 2022	ICC-ES AC156-12	2.0 2.6	1.0	/11/2025	3.20	2.40	1.74	0.70
Unit satisfied AC1	56 requirements for struc	tural integrity a	nd manufa	cturer requiremen	ts for functionalit	y after AC156	test.	•

UUT-1806-4	Optima CT540	Gantry		4.1						
MANUFACTURER:	GE Healthcare									
IDENTIFICATION:	Model No.: 5432539-3									
DESCRIPTION:	Component of the Optima CT 540 system. Engineering prototype representative of standard production.									
MOUNTING:	Rigid Base (Floor) Mounted w/ (4) – 5/8" diameter SAE J429 grade 8 bolts with washers through GE seismic base assembly. Requires GE mounting kit: Catalog No. B75082DA / Engineering P/N 5494520									
	DIMENSIONS (in.)			LOWEST	RESONANT FREQU	ENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis				
80.7	41.1	76.3	3,960 Reported 3,908 Measured	7.2	6.5	25.4				
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS CODE: 2022 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 satisfied AC156	3 requirements for struc	tural integrity and ma	anufacturer requirement	s for functionality afte	er AC156 test.					



ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 7 OF 7

UUT-1806-5	Optima CT540	Open Console	•			
MANUFACTURER:	GE Healthcare					13 1
IDENTIFICATION:	Model No.: 5941604	-10		7		X =
DESCRIPTION:	Component of the O "Open" console style	ptima CT 540 system.				
MOUNTING:	- (3) – Bracket (P/ - (2) – M6 x 16 10 - (2) – Flat washe (3) – 3/8" dia. ASTM to test fixture.	Kit 5812703-2 includir N 5357148-3), each w .9 Class bolts (Torque	e = 7.9 N-m) ap Screw w/ washer			
	DIMENSIONS (in.			LOWEST	RESONANT FREQU	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
15.7	26.4	22.7	132.5	14.4	32.2	>50
ICC-ES AC156 SH	AKE TABLE TEST PA	RAMETERS)SP-0335			CODE: 2022 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	B.5/: Mo	namm ³2 d Kar	m 2.4	1.68	0.68
Unit satisfied AC15	6 requirements for stru	ctural integrity and ma	nufacturer requirement	ts for functionality afte	r AC156 test.	•
		DATE	• 00/11/2028			

UUT-1914-2	Open Console w/ Z8G4							
Manufacturer:	GE Hangwei Medical Systems Co., LTD.							
Identification:	Model No.: 5946404-15 Serial No.: 000000HM1							
Description:	Component of the Revolution Maxima / Revolution Ace CT Systems - HP Z8G4 Computer - Open style console - Configuration controlled verification unit that is equivalent to standard production.							
Mounting: Rigid Base (Floor) mounted using: GE Console Anchor Kit 5812703-2 (3) – 3/8" dia. SAE J429 Grade 8 bolts w/ washer to test fixture. NOTE: Console Anchor Kit 5812703-2 is included standard w/ console.								
Dimensions (in.)				Lowest Resonant Frequency (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis		
15.8	26.4	22.7	141.5 w/ brackets	14.6	30.1	26.2		
ICC-ES AC156 Sha	ike Table Test Parame	ters			Code: 2022 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 satisfied AC156	requirements for struct	ural integrity and ma	nufacturer requirement	ts for functionality after	er AC156 test.			