



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

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0335

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ 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@gehcseismic.com

Product Information

Product Name: OPTIMA CT540 & DISCOVERY CT750 HD SYSTEM

Product Model Number(s): See Attachment 1

Product Category: CT Systems

Product Sub-Category: CT Systems

General Description: Multiple component CT medical imaging system. Seismic Certification is limited to the components identified in Attachment 1 for functions related to Computed Tomography (CT) diagnostic imaging services

Mounting Description: Base Mounted Rigid -

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated 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@easeco.com

Title: Principal Structural Engineer



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

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: EASE LLC

Name: Jonathan Roberson

California License Number: S4197

Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709

Telephone: (951) 295-1892

Email: jon@EASECo.com

Certification Method

☐ GR-63-Core

☒ ICC-ES AC156

☐ IEEE 344

☐ IEEE 693

☐ NEBS 3

☐ Other (Please Specify): _____

Testing Laboratory

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)

Contact Person: Jeremy Lange

Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513

Telephone: (972) 247-9657

Email: jeremy@etldallas.com

BY: Mohammad Karim

DATE: 08/11/2025



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

Seismic Parameters

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

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

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

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

Ω₀ (System overstrength factor) = See Attachment

I_p (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: S_{DS} (g) = 2.0

z/h = 1

Condition of Approval (if applicable): _____

BY: Mohammad Karim

DATE: 08/11/2025

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 SYSTEM						
SYSTEM COMPONENT	MODEL NO.	DIMENSIONS (IN.)			MAX WT (LB.)	MOUNT ^[8]	BASIS ^[1]
		W	D	H			
GANTRIES							
Optima CT540 Gantry ^[6]	5432539	80.7	41.1	76.5	3943	Floor	UUT-A1308-1
Optima CT540 Gantry (TangE) ^[10]	5432539-3	80.7	41.1	76.3	3960	Floor	UUT-1806-4
Optima CT540 Gantry (TangE) ^[10]	5432539-5	80.7	41.1	76.3	3960	Floor	SAME
Optima CT540 Gantry (TangE) ^[10]	5432539-7	80.7	41.1	76.3	3960	Floor	SAME
PATIENT TABLES ^[7]							
GT1700V Table	5122080-11	25.6	93.3	19.2 / 41.3	1,059 ^[3]	Floor	UUT-A1126-2
GT1700V Table	5122080-12	25.6	93.3	19.2 / 41.3	1,059	Floor	SAME
POWER DISTRIBUTION UNITS							
Power Distribution Unit	2326492-71	27.6	21.7	41.8	813 ^[2]	Floor	UUT-A1308-2
CONSOLES							
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
<i>RIO Console</i> ^{[5][9]}	<i>5577708-102</i>	<i>18.5</i>	<i>29.1</i>	<i>25.8</i>	<i>176</i>	<i>Floor</i>	<i>UUT-A1126-5</i>
Open Console 16 (TangE)	5941604-10	15.7	26.4	22.7	133	Floor	UUT-1806-5
Open Console 16 (TangE)	5941604-22	15.7	26.4	22.7	133	Floor	SAME
Open Console 16 (TangE)	5941604-30	15.7	26.4	22.7	133	Floor	SAME
<i>Open Console w/ Z8G4</i> ^[5]	<i>5946404-15</i>	<i>15.8</i>	<i>26.4</i>	<i>22.7</i>	<i>142 ^[2]</i>	<i>Floor</i>	<i>UUT-1914-2</i>
Open Console w/ Z8G4	5941604-16	15.8	26.4	22.7	142 ^[2]	Floor	SAME
Open Console w/ Z8G4	5941604-26	15.8	26.4	22.7	142 ^[2]	Floor	SAME
OTHER EQUIPMENT							
Freedom workspace – Large w/ 2 LCD monitors	5168666-2	53.1	29.2	26.9 / 35.9	167 ^[4]	Floor	UUT-A1216-2
Freedom workspace w/ 2 LCD monitors	5168666-3	50	24.4	26.9 / 35.9	155 ^[4]	Floor	UUT-A1126-4
MOUNT	FLOOR (RIGID BASE) MOUNT: free-standing, base-mounted condition with the component rigidly attached to a supporting structure and no lateral support above the base.						
NOTES	<div>1. BASIS:<ul style="list-style-type: none">• UUT#: Indicates that a test specimen matching these characteristics was tested as part of this testing program.• SAME: Model is physically, mechanically & electrically the same as test specimen. Difference is limited to model number, color and/or software.• INT (Interpolate or extrapolate): indicates a model that was not specifically tested, and by which seismic qualification was established through evaluation of testing of other, similar models in the product line.</div> <div>2. Weight includes GE Healthcare seismic mounting brackets.</div> <div>3. Weight for GT1700V Table does not include 350 lb. patient load present during testing.</div> <div>4. Weight includes 2 LCD monitors.</div> <div>5. <i>Gray italic formatting indicates unit is not a component of system and used only as basis for seismic qualification.</i></div> <div>6. This gantry requires GE mounting kit: Catalog No. B77602CB / Engineering P/N 5494520</div> <div>7. Requires GE mounting kit from Catalog No. B7660MY or equivalent.</div> <div>8. See Attachment 2 for additional mounting information.</div> <div>9. NIO/RIO Console requires GE mounting kit: Catalog No. B73762CA / Engineering P/N 5394347</div> <div>10. This gantry requires GE mounting kit: Catalog No. B75082DA / Engineering P/N 5494520</div>						

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
		1.13	2.5	0			
Optima CT540 Gantry (TangE)	5432539-3 5432539-5 5432539-7	2.40	2.0	1	1	1 ½	2
		1.13	2.5	0			
GT1700V Patient Table	5122080-11 5122080-12	2.40	2.0	1	1	1 ½	2
		1.13	2.5	0			
Consoles	5411378-23 5411378-11 5577708-102	1.50	2.0	1	2 ½	6	2
		1.13	2.5	0			
Open Console 16 (TangE)	5941604-10 5941604-22 5941604-30	1.44	2.0	1	1	2 ½	2
		1.13	2.5	0			
Open Console w/ Z8G4	5946404-15 5941604-16 5941604-26	1.44	2.0	1	1	2 ½	2
		1.13	2.5	0			
Freedom Workspace	5168666-2 5168666-3	1.44	2.0	1	1	2 ½	2
		1.13	2.5	0			
PDU	2326492-71	1.44	2.0	1	1	2 ½	2
		1.13	2.5	0			

DATE: 08/11/2025

ATTACHMENT 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

ATTACHMENT PAGE | 3 OF 3

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


MANUFACTURER	GE HEALTHCARE						
SYSTEM	DISCOVERY CT750 HD						
SYSTEM COMPONENT	MODEL NO.	DIMENSIONS (IN.)			MAX WT (LB.)	MOUNT	BASIS ^[1]
		W	D	H			
GANTRIES							
Discovery CT750 HD Gantry	5232084-7	89.25	39.65	74.6	3992	Floor	UUT-B1329-1
Discovery CT750 HD Gantry	5232083-7 5232083-5	89.25	39.65	74.6	3992	Floor	SAME
PATIENT TABLES							
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	25.6	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 DISTRIBUTION UNITS							
Power Distribution Unit	2326492-61	27.6	21.7	41.8	818 ^[4]	Floor	UUT-B1313-2
CONSOLES							
GOC 6.6 Console	5212920-150	48.74	46.5 / 54.7	26.7 / 34.7	405 ^[5]	Floor	UUT-B1312-1
MOUNTING	FLOOR (RIGID BASE) MOUNT: free-standing, base-mounted condition with the component rigidly attached to a supporting structure and no lateral support above the base.						
NOTES	<div>1. BASIS:<ul style="list-style-type: none">UUT#: Indicates that a test specimen matching these characteristics was tested as part of this testing program.SAME: Model is physically, mechanically & electrically the same as test specimen. Difference is limited to model number, color and/or software.INT (Interpolate or extrapolate): indicates a model that was not specifically tested, and by which seismic qualification was established through evaluation of testing of other, similar models in the product line.</div> <div>2. Weight of 1700V Patient Table does not include 350 lb. patient load present during testing.</div> <div>3. Weight of GT 2000 Patient Table does not include 550 lb. patient load present during testing.</div> <div>4. Weight of PDU includes 22 lb. GE Healthcare seismic mounting brackets.</div> <div>5. Weight of GOC 6.6 Console includes GE Healthcare seismic mounting brackets.</div>						


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 _p	Ω ₀
Discovery CT750 HD Gantry	5232084-7 5232083-7 5232083-5	2.40	2.0	1	1	1 ½	2
		1.13	2.5	0			
GT 1700V Patient Table	5122080-11	2.40	2.0	1	1	1 ½	2
		1.17	2.6	0			
GT 2000 / GT 2000X / GT 1700 Patient Tables	5122080-4 5380966 5121647-3 5121647-4	2.40	2.0	1	1	1 ½	2
		1.13	2.5	0			
Console	5212920-150	1.50	2.0	1	2 ½	6	2
		1.17	2.6	0			
PDU	2326492-61	1.44	2.0	1	1	2 ½	2
		1.17	2.6	0			

ATTACHMENT 2: TEST SPECIMEN SUMMARY


ATTACHMENT PAGE | 1 OF 7


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.)				LOWEST RESONANT FREQUENCY (Hz.)					
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Z-Axis			
80.7	41.1	76.5	3,943	6.4	9.3	21.0			
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.									

UUT-A1308-2 Power Distribution Unit (NGPDU-71)								
MANUFACTURER:		GE Hangwei Medical Systems 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.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		X-Axis	Y-Axis	Z-Axis		
27.6	21.7	41.8		17.2	15.6	32.6		
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

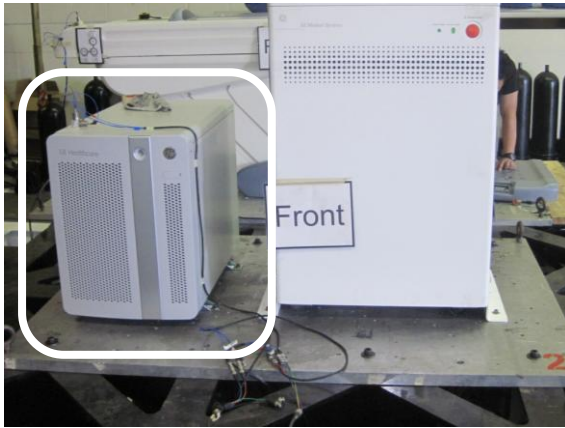
ATTACHMENT PAGE | 2 OF 7


UUT-A1308-3 NIO Console									
MANUFACTURER:		GE Hangwei Medical Systems Co., LTD							
IDENTIFICATION:		Model No.: 5411378-11 (on label)							
		Model No.: 5411378-23 (as configured w/ GPU card)							
DESCRIPTION:		System component of the Optima CT580 System Manufactured unit was Model No. 5411378-11. Prior to testing a GPU card added to the test specimen, transforming it to Model No. 5411378-23.							
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.							
									
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		Side-Axis	Front-Axis	Vertical-Axis		
18.5	29.1	25.8	161		12.2	16.8	9.9		
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 AC156-10	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.									

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:			<u>Rigid Base (Floor) Mounted using:</u> (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:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Transverse-Axis	Longitudinal-Axis	Vertical-Axis		
25.6	93.3	19.2 / 41.2	1059+ 350 Patient	3.9	15.2	14.2		
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	1.5	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


ATTACHMENT PAGE | 3 OF 7


UUT-A1126-5RIO Console									
MANUFACTURER:		GE Medical Systems, LLC							
IDENTIFICATION:		Model No.: 5577708-102							
DESCRIPTION:		System component of the Optima CT660 System Also used with other GE imaging systems.							
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.							
									
PROPERTIES:									
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (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 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	1.5	3.20	2.40	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

UUT-A1216-2 Freedom Workspace – Large w/ 2 LCD monitors									
MANUFACTURER:		GE Healthcare							
IDENTIFICATION:		Model No. 5168666-2							
DESCRIPTION:		<p>System component of the Discovery 610 PET/CT System. Also used with other GE imaging systems.</p> <p>Larger variant of the Freedom Workspace table w/ (2)-EIZO LCD Monitors mounted to articulated arms.</p>							
MOUNTING:		<p><u>Rigid Base (Floor) mounted</u> 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.</p>							
									
PROPERTIES:									
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)					
Width	Depth	Height		Side -Axis	Front-Axis	Vertical-Axis			
53.1	29.2	35	167	6.1	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	1.5	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


ATTACHMENT PAGE | 4 OF 7


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	Depth	Height	Weight (lb.)	Side -Axis	Front-Axis	Vertical-Axis		
50	24.4	34	155 w/ monitors	6.7	11.9	31.3		
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	1.5	3.20	2.40	1.74	0.70
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:			<u>Rigid Base (Floor) mounted using:</u> (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) <u>GE mounting assembly including:</u> (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:										
DIMENSIONS (in.)						LOWEST RESONANT FREQUENCY (Hz.)				
Width		Depth		Height		Weight (lb.)		X-Axis	Y-Axis	Z-Axis
48.74		46.54 / 54.74		26.7 / 34.7		405		6.2	17.3	22.9
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 AC156-10	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


ATTACHMENT PAGE | 5 OF 7


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:		Rigid Base (Floor) mounted using (4) – 5/8" Dia Grade 8 Hex head Cap bolts to interface frame.																	
																			
										PROPERTIES:									
										DIMENSIONS (in.)				Weight (lb.)		LOWEST RESONANT FREQUENCY (Hz.)			
										Width	Depth	Height			X-Axis	Y-Axis	Z-Axis		
89.25	39.65	74.6	3992		6.1	9.6	14.0												
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 2.5	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-B1408-4 GT2000 Patient Table																			
MANUFACTURER:		GE Hangwei Medical Systems 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.)				Weight (lb.)		LOWEST RESONANT FREQUENCY (Hz.)			
										Width	Depth	Height			Transverse-Axis	Longitudinal-Axis	Vertical-Axis		
25.6	114.5	35.5	1146+550 Patient		2.7	7.1	5.7												
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 2.5	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


ATTACHMENT PAGE | 6 OF 7

UUT-B1313-2 Power Distribution Unit									
MANUFACTURER:		GE Hangwei Medical Systems CO. LTD.							
IDENTIFICATION:		Model No.: 2326492-61							
DESCRIPTION:		System component of the Optima CT580 System. Also used with other GE imaging systems. Also referred to as NGPDU-61							
MOUNTING:		<u>Rigid Base (Floor) mounted using:</u> (2) – 3/8" dia. ASTM A574 Socket Head Cap Screws w/ washer through each GE mounting bracket to floor plate. (4 anchors total) <u>GE mounting assembly including:</u> (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.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		Side-Axis	Front-Axis	Vertical-Axis		
27.6	21.7	41.8	818		15.7	19.9	45		
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	1.5	3.20	2.40	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

UUT-1806-4 Optima CT540 Gantry							
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.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height		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	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 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 7 OF 7

UUT-1806-5 Optima CT540 Open Console						
MANUFACTURER:			GE Healthcare			
IDENTIFICATION:			Model No.: 5941604-10			
DESCRIPTION:			Component of the Optima CT 540 system. "Open" console style			
MOUNTING:			<p><u>Rigid Base (Floor) mounted using:</u> GE Console Anchor Kit 5812703-2 including: - (3) – Bracket (P/N 5357148-3), each w/ - (2) – M6 x 16 10.9 Class bolts (Torque = 7.9 N-m) - (2) – Flat washers (3) – 3/8" dia. ASTM A574 Socket Head Cap Screw w/ washer to test fixture.</p> <p>NOTE: Console Anchor Kit 5812703-2 is included standard w/ console.</p>			
				LOWEST RESONANT FREQUENCY (Hz.)		
				Side-Axis	Front-Axis	Vert-Axis
				14.4	32.2	>50
DIMENSIONS (in.)						
Width	Depth	Height	Weight (lb.)			
15.7	26.4	22.7	132.5			
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

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.)				Weight (lb.)	Lowest Resonant Frequency (Hz.)	
Width	Depth	Height	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 Shake Table Test Parameters						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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						