



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-0239

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: See Attachment 1

Product Model Number(s): See Attachment 1

Product Category: CT Systems

Product Sub-Category: NA

General Description: System components of multiple-component medical diagnostic imaging systems. Special Seismic Certification is limited to components of the systems identified in Attachment 1 for functions related to Computed Tomography (CT) diagnostic imaging services.

Mounting Description: Several - See Attachment 1

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 Engineer





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

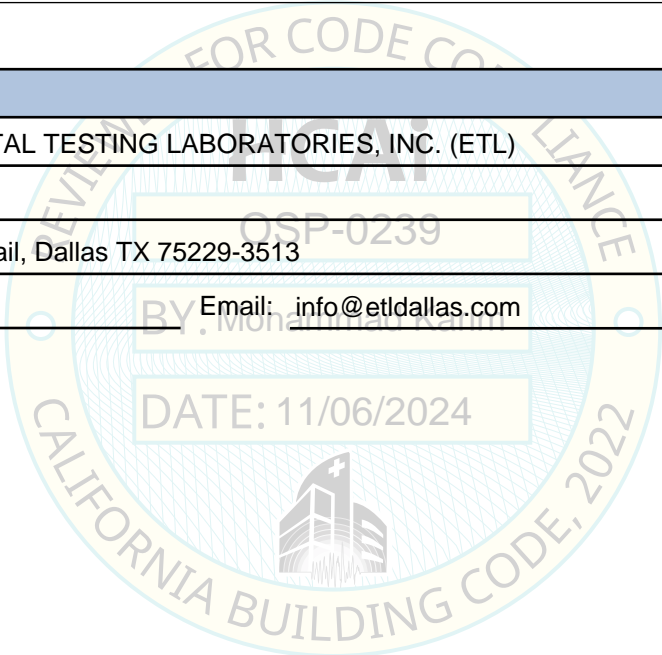
Company Name: EASE LLC
Name: Jonathan Roberson California License Number: S4197
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709
Telephone: (951) 295-1892 Email: jon@EASECo.com

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: info@etldallas.com





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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = See Attachment 1

SDS (Design spectral response acceleration at short period, g) = 2.0 @ z/h = 1.0 and 2.5 @ z/h = 0.0.

a_p (Amplification factor) = See Attachment 1

R_p (Response modification factor) = See Attachment 1

Ω_0 (System overstrength factor) = 2.0

I_p (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

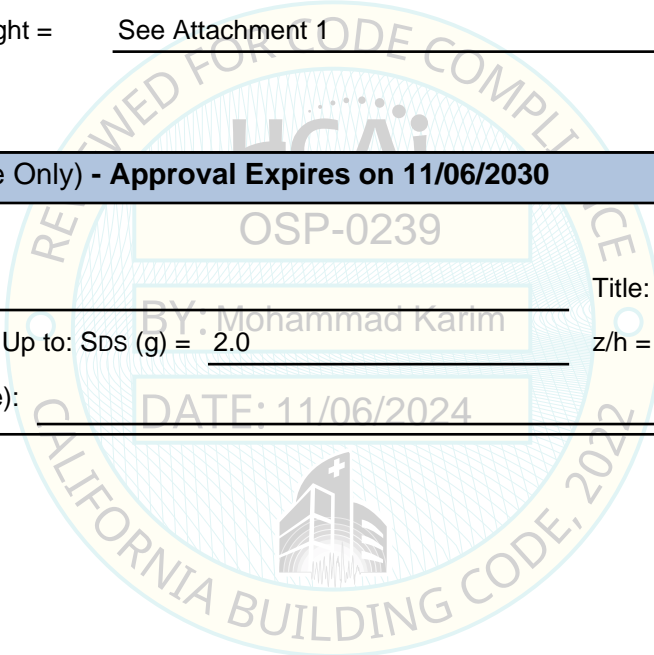
HCAI Approval (For Office Use Only) - Approval Expires on 11/06/2030

Date: 11/6/2024

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: 11/06/2024



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 1:

Manufacturer	GE HEALTHCARE												
System	OPTIMA CT660 CT SYSTEM / REVOLUTION EVO CT SYSTEM												
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]	F _P /W _P	S _{Ds}	z/h	a _P	R _P	Ω ₀
		W	D	H									
GANTRIES [8]													
Optima CT 660 Gantry	5454001-100	80.7	40.9	76.3	4013	Floor	UUT-1	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Optima CT 660 Gantry	5454001 5454001-22 5454001-122 5454001-220 5454001-222	80.7	40.9	76.3	4013	Floor	SAME						
Optima CT 660 Gantry	5454001-20 5454001-21 5454001-120	80.7	40.9	76.3	4013	Floor	INT						
Optima CT 660 Gantry	5454001-40	80.7	40.9	76.3	4012	Floor	UUT-E1						
Optima CT 660 Gantry	5454001-140 5454001-240	80.7	40.9	76.3	4012	Floor	SAME						
Revolution EVO CT Gantry	5454001-60	80.7	40.9	76.3	4012	Floor	UUT-F1						
Revolution EVO CT Gantry	5454001-160 5454001-260	80.7	40.9	76.3	4012	Floor	SAME	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
PATIENT TABLES [8]													
GT1700V	5122080-11	25.6	93.3	19.2 / 41.2	1059 [2]	Floor	UUT-2	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
GT1700V	5122080-12	25.6	93.3	19.2 / 41.2	1059	Floor	SAME						
GT1700	5122080-3 5122080-4	25.6	93.3	19.2 / 41.2	1047	Floor	INT						
GT2000X	5272966 5380966	25.6	114.5	18.3 / 41.3	1258	Floor	INT	2.40 1.13	2.0 2.5	1 0			
GT2000	5121647-3	25.6	114.5	18.3 / 41.3	1146 [3]	Floor	UUT-E2						
GT2000	5121647 5121647-4	25.6	114.5	18.3 / 41.3	1146	Floor	SAME						
CONSOLES [4]													
Operator Console (RIO) [9]	5577708-102	18.5	29	25.8	176	Floor	UUT-5	1.50 1.13	2.0 2.5	1 0	2 ½	6	2

Table continues next page.

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 1:

Manufacturer		GE HEALTHCARE											
System		OPTIMA CT660 CT SYSTEM / REVOLUTION EVO CT SYSTEM											
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]	F _p /W _p	S _{ds}	z/h	a _p	R _p	Ω ₀
		W	D	H									
Operator Console (RIO) [9]	5577708-2 5577708-4 5577708-6 5577708-103 5577708-104 5577708-105 5577708-106 5577708-107 5577708-204 5577708-206	18.5	29	25.8	176	Floor	SAME (UUT-5)	1.50 1.13	2.0 2.5	1 0	2 ½	6	2
Operator Console (NIO) [9]	5411378	18.5	29.1	25.8	176	Floor	SAME (UUT-5)						
Operator Console (NIO) [9]	5441626-11 5441626-22	18.5	29.1	25.8	159	Floor	INT						
Operator Console (NIO) [9]	5441626-10 5441626-12 5441626-14 5441626-20 5441626-21 5441626-24 5441626-30 5441626-32 5441626-34	18.5	29.1	25.8	161	Floor	INT	1.50 1.13	2.0 2.5	1 0	2 ½	6	2
Operator Console (NIO) [9]	5411378-23	18.5	29.1	25.8	161	Floor	UUT-E3						
GOC 6.6 Console	5212920-150	48.74	46.54 / 54.74	26.7 / 34.7	405 [4]	Floor	UUT-D1	1.50 1.13	2.0 2.5	1.0 0.0			
GOC 6.6 Console	5212920-355 5212920-350	48.74	46.54 / 54.74	26.7 / 34.7	405	Floor	INT	1.50 1.13	2.0 2.5	1.0 0.0	2 ½	6	2
GOC6 Console	5212920-310	48.74	46.54 / 54.74	26.7 / 34.7	512 [4]	Floor	UUT-E5						
Console Assembly (HDe6)	5940904-10	15.7	26.4	22.7	138	Rigid Base	UUT L1805-2	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2

Table continues next page.

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

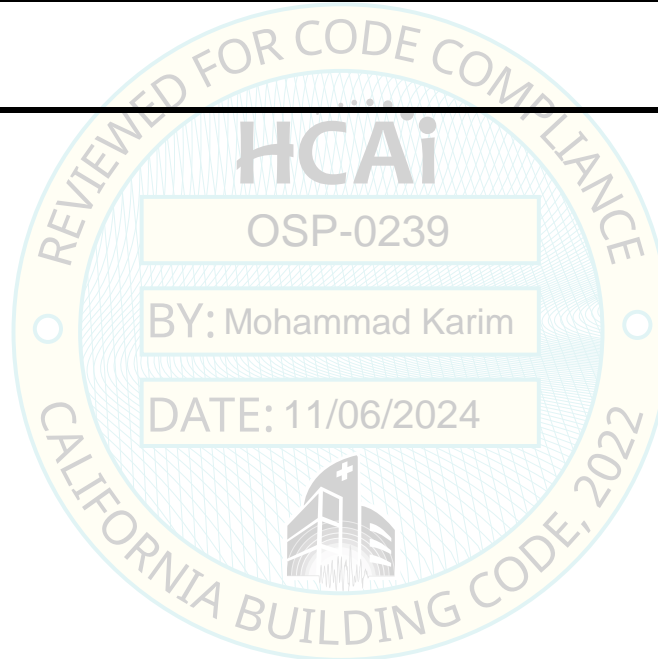
TABLE 1:

Manufacturer		GE HEALTHCARE												
System		OPTIMA CT660 CT SYSTEM / REVOLUTION EVO CT SYSTEM												
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]	F _P /W _P	S _{Ds}	z/h	a _P	R _P	Ω ₀	
		W	D	H										
Console Assembly (HDe6)	5946404-11 5946404-21 5946404-31	15.7	26.4	22.7	138	Rigid Base	SAME	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2	
Revolution Frontier Open Console	5940904-12	15.7	26.4	22.7	142.2	Rigid Base	UUT M1818-1	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2	
Operator Console – Z8G4 Computer	5946404-12 5946404-22 5946404-32	15.7	26.4	22.7	142.2	Rigid Base	SAME	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2	
Open Console with Z8G5	5946404-18	17.6	26.4	22.7	136	Rigid Base	UUT-Q2415-1	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2	
Open Console with Z8G5	5946404-118 5946404-218	17.6	26.4	22.7	136	Rigid Base	SAME	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2	
POWER DISTRIBUTION (PDU) [4]														
Power Distribution Unit	2326492-80	27.6	21.7	41.8	841	Floor	UUT-3	1.44 1.13	2.0 2.5	1 0	1	2 ½	2	
Power Distribution Unit	2326492-81 2326492-3	27.6	21.7	41.8	841	Floor	SAME							
MISC														
Freedom Workspace w/ NEC LCD Monitors	5168666-3	50	24.4	26.9 / 35.9	155 [6]	Floor [7]	UUT-4	1.50 1.13	2.0 2.5	1 0	2 ½	6	2	
Freedom Workspace (Large) w/ EIZO Monitors	5168666-2	53.1	29.2	26.9 / 35.9	167 [6]	Floor [7]	UUT-E4							
Mount	Floor (Rigid Base): free-standing, base-mounted condition with the component rigidly attached to a supporting structure and no lateral support above the base. Requires the use of brackets/mounting assemblies present during testing unless otherwise noted.													
Notes	<ol style="list-style-type: none"> 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, software and/or GE manufacturing location. INT (Interpolated or Extrapolated): indicates a model that was not specifically tested, and by which seismic certification is established through evaluation of testing of other, similar models in the product line. 1700V Patient Table weight does not include the 350 lb. simulated patient load present during testing. GT 2000 Patient Table weight does not include the 550 lb. simulated patient load present during testing. Weight includes mounting brackets used in test. All components listed above are manufactured by GE Healthcare unless otherwise noted. 													

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TABLE 1:

<i>Manufacturer</i>		GE HEALTHCARE											
<i>System</i>		OPTIMA CT660 CT SYSTEM / REVOLUTION EVO CT SYSTEM											
COMPONENT	MODEL	APPROX. DIMENSIONS (IN.)			MAX. WT.	MOUNT	BASIS [1]	F _P /W _P	S _{Ds}	z/h	a _P	R _P	Ω ₀
	NUMBER	W	D	H	(LB.)								
	6. Weight includes 2 LCD monitors. 7. Requires Seismic Kit B7660BZ. 8. Requires Seismic Kit B7660MY 9. Requires Seismic Kit B73762CA												



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 2:

Manufacturer		GE HEALTHCARE												
System	[4]	DISCOVERY NM-CT 670			DISCOVERY NM-CT 670 CZT			DISCOVERY 670 DR			NM/CT 870 DR		NM/CT 860	
		DISCOVERY NM-CT 670 PRO			DISCOVERY 670 ES						NM/CT 870 CZT		NM/CT 850	
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]	F _P /W _P	S _{DS}	z/h	a _P	R _P	Ω ₀	
		W	D	H										
GANTRIES														
NM/CT 860 NM Gantry	[9] 5376204-60	75.9	114.4	77.3	7363	Floor	UUT-M1819-1	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
860/850 CT Gantry	5778896-10													
NM/CT 860 NM Gantry	[9] 5376204-60	75.9	114.4	77.3	7373	Floor	SAME (M1819-1)	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
860/850 CT Gantry	5778896-20													
NM/CT 850 NM Gantry	[9] 5376204-50	75.9	114.4	77.3	7363	Floor	SAME (M1819-1)	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
860/850 CT Gantry	5778896-10													
NM/CT 850 NM Gantry	[9] 5376204-50	75.9	114.4	77.3	7373	Floor	SAME (M1819-1)	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
860/850 CT Gantry	5778896-20													
NM Gantry (NM/CT 870 CZT)	[10] 5376204-70-20	85.8	125.9	83.1	8481	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
Discovery 670/870 DR/CZT CT (CT 540+)	5432539-56													
NM Gantry (NM/CT 870 DR)	[10] 5376204-70-60	85.8	125.9	83.1	8481	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
D670 DR/CZT CT (CT 540+)	5432539-56													
NM Gantry (NM/CT D670 CZT)	[10] 5376204-70-21	85.8	125.9	83.1	8481	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
D670 DR/CZT CT (CT 540+)	5432539-56													
NM Gantry (NM/CT D670 DR)	[10] 5376204-70-61	85.8	125.9	83.1	8481	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
D670 DR/CZT CT (CT 540+)	5432539-56													
NM Gantry (NM/CT D670 ES)	[10] 5376204-70-59	85.8	125.9	83.1	8481	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
D670 DR/CZT CT (CT 540+)	5432539-56													
D670 CZT NM Gantry	[6] 5376204-90-10	85.8	125.9	83.1	8481	Floor	UUT-J1	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
D670 DR/CZT CT (CT 540+)	5432539-56													
D670 CZT NM Gantry	[6] 5376204-90-10	85.8	125.9	83.1	8481	Floor	UUT-J2	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
Discovery NM/CT 670 Pro CT (CT 540)	5432539-54													

Table continues next page.

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 2:

Manufacturer		GE HEALTHCARE											
System [4]		DISCOVERY NM-CT 670 DISCOVERY NM-CT 670 PRO			DISCOVERY NM-CT 670 CZT DISCOVERY 670 ES			DISCOVERY 670 DR		NM/CT 870 DR NM/CT 870 CZT		NM/CT 860 NM/CT 850	
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]	F _p /W _p	S _{DS}	z/h	a _p	R _p	Ω ₀
		W	D	H									
D670 CZT NM Gantry [6]	5376204-90-11	85.8	125.9	83.1	8481	Floor	SAME (J1)	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
D670 DR/CZT CT (CT 540+)	5432539-56												
D670 Pro NM Gantry [6]	5376204-70-54	85.8	125.9	83.1	8994	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Discovery NM/CT 670 Pro CT (CT540)	5432539-54												
D670 Pro NM Gantry [10]	5376204-70-58	85.8	125.9	83.1	8994	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Discovery NM/CT 670 Pro CT (CT540)	5432539-54												
D670 Pro NM Gantry [10]	5376204-70-62	85.8	125.9	83.1	8994	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Discovery NM/CT 670 Pro CT (CT540)	5432539-54												
D670 Pro NM Gantry [6]	5376204-70-56	85.8	125.9	83.1	8994	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
D670 DR/CZT CT (CT540+)	5432539-56												
D670 ES NM Gantry [6]	5376204-70-55	85.8	125.9	83.1	8994	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Discovery NM/CT 670 Pro CT (CT540)	5432539-54												
D670 ES NM Gantry [6]	5376204-70-57	85.8	125.9	83.1	8994	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Discovery NM/CT 670 ES CT (CT 540+)	5432539-56												
D670 CZT NM Gantry [6]	5376204-90-11	86.2	125.9	85.4	8046	Floor	INT	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Discovery NM/CT 670 CT (Brightspeed)	5143716-53												
Discovery 670 NM Gantry [6]	5376204-01	86.2	125.9	85.4	8096	Floor	UUT-B1	2.40 1.13	2.0 2.5	1 0	1	1 ½	2
Discovery NM/CT 670 CT (Brightspeed)	5143716-53												

Table continues next page.

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 2:

Manufacturer		GE HEALTHCARE												
System ^[4]		DISCOVERY NM-CT 670 DISCOVERY NM-CT 670 PRO			DISCOVERY NM-CT 670 CZT DISCOVERY 670 ES			DISCOVERY 670 DR		NM/CT 870 DR NM/CT 870 CZT			NM/CT 860 NM/CT 850	
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS ^[1]	F _p /W _p	S _{DS}	z/h	a _p	R _p	Ω ₀	
		W	D	H										
Discovery 670 NM Gantry ^[6]	5376204	86.2	125.9	85.4	8096	Floor	SAME (B1)	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
Discovery NM/CT 670 CT (Brightspeed)	5143716-53													
Discovery 670 NM Gantry ^[6]	5376204-70	86.2	125.9	85.4	8096	Floor	SAME (B1)	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
Discovery NM/CT 670 CT (Brightspeed)	5143716-53													
PATIENT TABLES														
Patient Table ^{[9] [10]}	5363260-70	24	111.4	28.3-45.3	1177 ^[3]	Floor	UUT-N1819-7	2.40 1.13	2.0 2.5	1 0	1	1 ½	2	
Patient Table ^[10]	5363260-06	24	111.4	28.3-45.3	1177	Floor	INT							
Patient Table (Sanima) ^{[6] [11]}	5363260	24	111.4	45.3	1228 ^[3]	Floor	UUT-B2							
CONSOLES														
Operator Console (TIO) ^[7]	5330382	18.5	29.1	25.8	182	Floor	UUT-B4	1.50 1.13	2.0 2.5	1 0	2 ½	6	2	
Operator Console (TIO) ^[7]	5411378	18.5	29.1	25.8	176	Floor	SAME (UUT-5)							
NIO Console ^{[5] [7]}	5411378-23	19	29	26	161	Floor	UUT-E3	1.50 1.13	2.0 2.5	1 0	2 ½	6	2	
CT Operator Console (NIO Console) ^[7]	5411378-11	19	29	26	159	Floor	INT							
RIO Console ^{[5] [7]}	5577708-102	19	29	26	176	Floor	UUT-5							
CT Operator Console ^[7]	5411378-12	19	29	26	170	Floor	UUT-J3							
CT Operator Console (860/850) ^[9]	6550000-13	6.65	17.95	17	29	Floor	UUT-N1819-3	1.44 1.13	2.0 2.5	1 0	1	2 ½	2	
CT Operator Console (860/850) ^[9]	6550000-20	6.65	17.95	17	29	Floor	SAME (N1819-3)							
CT Operator Console (670/870) ^[10]	5941604-10	15.75	24.25	22.68	133	Floor	UUT-N1806-5	1.44 1.13	2.0 2.5	1 0	1	2 ½	2	
CT Operator Console (670/870) ^[10]	5941604-30	15.75	24.25	22.68	133	Floor	SAME (N1806-5)							

Table continues next page.

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

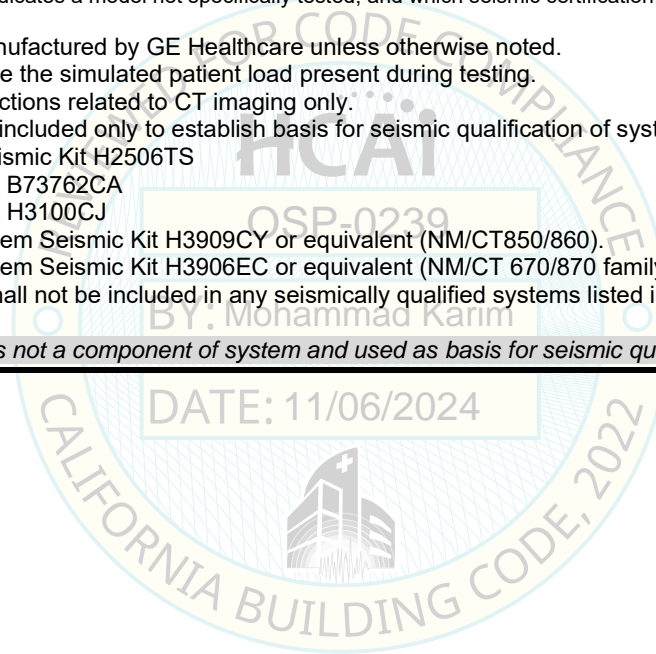
TABLE 2:

Manufacturer		GE HEALTHCARE												
System [4]		DISCOVERY NM-CT 670 DISCOVERY NM-CT 670 PRO			DISCOVERY NM-CT 670 CZT DISCOVERY 670 ES			DISCOVERY 670 DR		NM/CT 870 DR NM/CT 870 CZT			NM/CT 860 NM/CT 850	
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]	F _p /W _p	S _{DS}	z/h	a _p	R _p	Ω ₀	
		W	D	H										
Open Console w/ Z8G4	5946404-15	15.8	26.4	22.7	142	Floor	UUT-P1914-2	1.44	2.0	1	1	2 ½	2	
Open Console w/ Z8G4	5941604-26	15.8	26.4	22.7	142	Floor	SAME (P1914-2)	1.13	2.5	0				
NM Operator Console (HP) [9] [11]	5370540-95	6.65	17.5	15.2	25	Rigid Base	UUT-N1819-8	1.44 1.13	2.0 2.5	1 0	1	2 ½	2	
NM Host (HP XW4600) [6]	HP XW4600 [4]	6.6	17.9	17.7	43	Floor	UUT-B5							
NM Host (HP Z400) [6]	5370540	6.6	17.9	17.7	43	Floor	INT							
NM Host (HP Z420 T3) [6]	5370540-25	7.0	20.0	17.8	37	Floor	INT	1.50 1.13	2.0 2.5	1 0	2 ½	6	2	
NM Host (HP Z420) [6]	5370540-27	7.0	20.0	17.8	37	Floor	INT							
NM Host (HP Z420) [6]	5370540-20	7.0	20.0	17.8	37	Floor	UUT-F2							
POWER DISTRIBUTION (PDU)														
Power Distribution Unit	2326492-71	27.6	21.7	41.8	813	Floor	UUT-J1308-2	1.44 1.13	2.0 2.5	1 0	1	2 ½	2	
Power Distribution Unit (PDU)	2326492-37	27.6	21.7	41.8	661	Floor	UUT-N1819-4							
Power Input Distribution Box (PIDB)	5375888-01	19.7	6.13	19.7	22.5	Wall	UUT-B3							
Power Input Distribution Box (PIDB)	5375888	19.7	6.13	19.7	22.5	Wall	SAME	1.44 1.13	2.0 2.5	1 0	1	2 ½	2	
Power Input Distribution Box (PIDB) (Amphenol)	5375888-03	19.7	6.13	19.7	23	Wall	UUT-N1819-5							
TRANSFORMER														
R.A.M. Step-Down Auto Transformer [8]	5439825 002	10.25	10.25	11.5	78	Floor	UUT-G1	1.44 1.13	2.0 2.5	1 0	1	2 ½	2	
Mount	<p><u>Floor (Rigid Base)</u>: free-standing, base-mounted condition with the component rigidly attached to a supporting structure and no lateral support above the base. Requires the use of brackets/mounting assemblies present during testing unless otherwise noted.</p> <p><u>Wall</u>: Fully supported by a building wall or partition.</p>													
Notes	<p>1. BASIS:</p> <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, software and/or GE manufacturing location. 													

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 2:

Manufacturer	GE HEALTHCARE												
System ^[4]	DISCOVERY NM-CT 670 DISCOVERY NM-CT 670 PRO			DISCOVERY NM-CT 670 CZT DISCOVERY 670 ES			DISCOVERY 670 DR		NM/CT 870 DR NM/CT 870 CZT		NM/CT 860 NM/CT 850		
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS ^[1]	F _p /W _p	S _{DS}	z/h	a _p	R _p	Ω ₀
		W	D	H									
	<ul style="list-style-type: none"> • INT (Interpolated or Extrapolated): indicates a model not specifically tested, and which seismic certification is established through evaluation of testing of other similar models in the product line. 2. All components listed above are manufactured by GE Healthcare unless otherwise noted. 3. Patient Table weight does not include the simulated patient load present during testing. 4. Seismic Certification is limited to functions related to CT imaging only. 5. Model is not part of this system and included only to establish basis for seismic qualification of system component. 6. Requires GE Healthcare System Seismic Kit H2506TS 7. Requires GE Healthcare Seismic Kit B73762CA 8. Requires GE Healthcare Seismic Kit H3100CJ 9. Requires use of GE Healthcare System Seismic Kit H3909CY or equivalent (NM/CT850/860). 10. Requires use of GE Healthcare System Seismic Kit H3906EC or equivalent (NM/CT 670/870 family). 11. Patient Table Model No. 5363260 shall not be included in any seismically qualified systems listed in this table; Model number is included only to provide basis for interpolation. 12. <i>Gray italic formatting indicates unit is not a component of system and used as basis for seismic qualification only.</i> 												

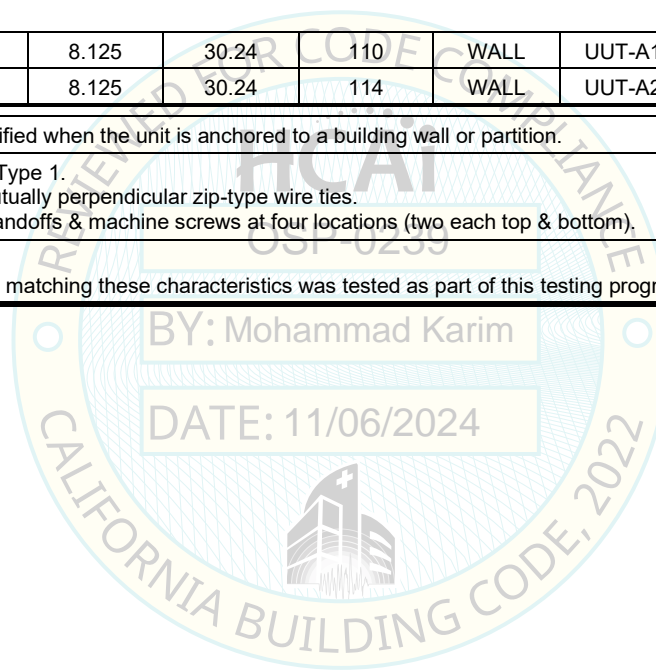


ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 3:

<i>Manufacturer</i>	GE ENERGY INDUSTRIAL SOLUTIONS													
<i>Product Line</i>	SYSTEM MAIN DISCONNECT PANELS													
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS ^[1]	F _p /W _p	S _{DS}	z/h	a _p	R _p	Ω ₀	
		W	D	H										
GANTRIES														
GE 90A Disconnect Panel	E4502AB	19.78	8.125	30.24	110	WALL	UUT-A1	1.87	2.6	1	1	2 ½	2	
GE 125A Disconnect Panel	E4502AE	19.78	8.125	30.24	114	WALL	UUT-A2							
<i>Mount</i>	<u>Wall Mount:</u> components are Seismically Certified when the unit is anchored to a building wall or partition.													
<i>Structural Features</i>	Galvanized steel cabinet construction. NEMA Type 1. Batteries shall be secured to base with two mutually perpendicular zip-type wire ties. Lexan shield over fuses secured with metal standoffs & machine screws at four locations (two each top & bottom).													
<i>Notes</i>	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. 													



ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- 1 Optima CT660 Gantry								
MANUFACTURER:	GE Medical Systems, LLC							
IDENTIFICATION:	Model No.: 5454001-100 S/N: 423765CN7							
DESCRIPTION:	System component of the Optima CT660 System Requires Seismic Kit B7660MY							
MOUNTING:	Rigid Base (Floor) mounted using (4) – 5/8" dia. hex head bolts to interface frame.							
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vert-Axis		
80.7	40.9	76.3	4013	5.7	9.4	13.9		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{Ds}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

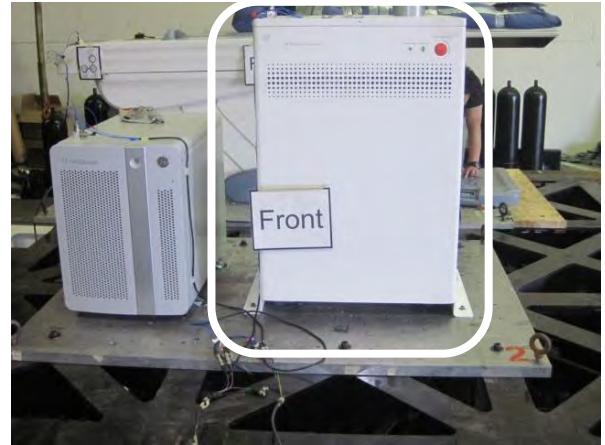


UUT- 2 GT1700V Table								
MANUFACTURER:	GE Hangwei Medical Systems Co., LTD							
IDENTIFICATION:	Model No.: 5122080-11							
DESCRIPTION:	System component of the Optima CT660 System Test specimen included a simulated patient load of 350 lb. Requires Seismic Kit B7660MY							
MOUNTING:	Rigid Base (Floor) mounted using (4) – 5/8" dia. hex head bolts to interface plate.							
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Transverse-Axis	Longitudinal-Axis	Vertical-Axis		
25.6	93.3	34.9	1059+ 350 Patient	3.9	15.2	14.2		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{Ds}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								



ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- 3 Power Distribution Unit (PDU)								
MANUFACTURER:		GE Hangwei Medical Systems Co., LTD.						
IDENTIFICATION:		Model No.: 2326492-80						
		Serial No.: 270337HM9						
DESCRIPTION:		System component of the Optima CT660 System						
MOUNTING:		<p>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)</p> <p>GE mounting assembly including: (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)</p>						
PROPERTIES:								
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vertical-Axis		
27.6	21.7	41.8	841	20.4	20.6	13.8		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{Ds}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2	2.4	1.68	0.68
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

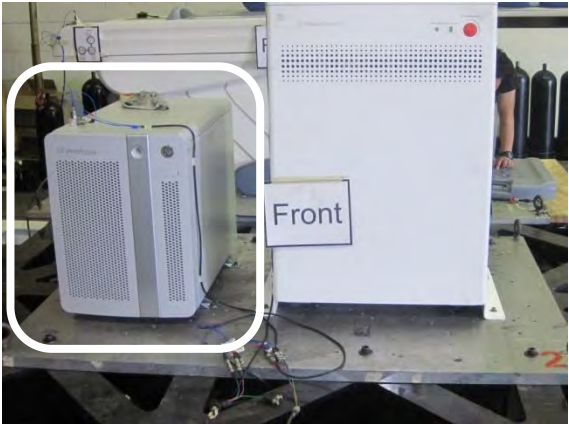



UUT- 4 Freedom Workspace								
MANUFACTURER:		GE Hangwei Medical Systems Co., LTD.						
IDENTIFICATION:		Freedom Workspace NEC LCD Monitor						
		Model No.: 5168666-3 LCD1990SXi-BK						
DESCRIPTION:		<p>System component of the Optima CT660 System Includes monitor mount with (2) NEC LCD monitors.</p> <p>Requires Seismic Kit B7660BZ</p>						
MOUNTING:		Rigid Base (Floor) mounted using GE Healthcare brackets w/ (4) – 3/8" dia. socket head bolts, nuts & washers to 3/4" 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								
	TEST CRITERIA	S _{Ds}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								



ATTACHMENT 2: TEST SPECIMEN SUMMARY


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UUT- 5		RIO Console	
MANUFACTURER:		GE Medical Systems, LLC	
IDENTIFICATION:		Model No.: 5577708-102	
		S/N: 424057CN8	
DESCRIPTION:		System component of the Optima CT660 System	
		Requires Seismic Kit B73762CA	
MOUNTING:		Rigid Base (Floor) Mounted using (4) - 3/8" dia. socket head bolts to aluminum interface plate.	
			
PROPERTIES:			
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)
Width	Depth	Height	Weight (lb.)
18.5	29	25.8	175.5
		Front-Axis	Side-Axis
		21.8	13.5
		Vertical-Axis	
		13.6	
SHAKE TABLE TEST PARAMETERS			
	TEST CRITERIA	S _{Ds}	z/h
	ICC-ES AC156	2.0 2.6	1.0 0.0
		I _p	A _{FLX-H}
		1.5	3.2
		A _{RIG-H}	A _{FLX-V}
		2.4	1.74
		A _{RIG-V}	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.			

UUT- A1		GE E4502AB 90A System Main Disconnect Panel	
MANUFACTURER:		GE Energy Industrial Solutions	
IDENTIFICATION:		Model No.: E4502AB	
DESCRIPTION:		CT System Main Disconnect panel Standard Features: Circuit Breaker – GE Spectra RMS Transformer – GE Contactors – GE Batteries – PowerSonic 1228 Fuse Block – Bussman J60200-3CR & CHCC2DIU series Fuse – Ferraz Shawmut ATJ-150 (150A) Power Block – Ferraz Shawmut PDB/CPB Panel door secured with pad lock during test. Seismic Enhancements for UUT Horizontal wire ties around battery (this is in addition to the vertical wire tie that is provided typically). Additional stand-offs located at the lower corners of the clear Lexan shield over fuses (resulting in 4 stand-offs total instead of the standard 2).	
MOUNTING:		Wall Mounted w/ (4) #14 HWH SMS & 1.25" O.D. fender washers	
			
PROPERTIES:			
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)
Width	Depth	Height	Weight (lb.)
19.78	8.125	30.24	108
		X-Axis	Y-Axis
		N/A	N/A
		Z-Axis	
		N/A	
SHAKE TABLE TEST PARAMETERS			
	TEST CRITERIA	S _{Ds}	z/h
	ICC-ES AC156	2.6	1.0
		I _p	A _{FLX-H}
		1.5	4.16
		A _{RIG-H}	A _{FLX-V}
		3.12	1.74
		A _{RIG-V}	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.			


ATTACHMENT 2: TEST SPECIMEN SUMMARY


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UUT- A2 GE E4502AE 125A System Main Disconnect Panel								
MANUFACTURER: GE Energy Industrial Solutions								
IDENTIFICATION: Model No.: E4502AB								
DESCRIPTION: CT System Main Disconnect panel Standard Features: Circuit Breaker – GE Spectra RMS Transformer – GE Contactors – GE Batteries – PowerSonic 1228 Fuse Block – Bussman J60200-3CR & CHCC2DIU series Fuse – Ferraz Shawmut ATJ-150 (150A) Power Block – Ferraz Shawmut PDB/CPB Seismic Enhancements for UUT Horizontal wire ties around battery (this is in addition to the vertical wire tie that is provided typically). Additional stand-offs located at the lower corners of the Lexan shield over fuses (resulting in 4 stand-offs total instead of the standard 2).								
MOUNTING: Wall Mounted w/ (4) #14 HWH SMS & 1.25" O.D. fender washers								
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Z-Axis		
19.78	8.125	30.24	113.5	N/A	N/A	N/A		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

UUT- B1 Discovery NM-CT670 Gantry								
MANUFACTURER: GE Medical Systems								
IDENTIFICATION: Model No.:		Serial No.:						
NM Gantry Label 5376204-01		MV1						
CT Gantry Label 5143716-53		ENG P001						
Other Label 1 2137130-2		60658BC2						
Other Label 2 2120785-2		55017B18						
Other Label 3 2137130-4								
DESCRIPTION: System component of the Discovery NM-CT670 System								
MOUNTING: Rigid Base (Floor) Mounted w/ (14) – 5/8" dia. bolts to interface frame. Requires hardware in System Seismic Kit H2506TS								
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Z-Axis		
86.2	125.9	85.4	8906	5.6	5.8	4.6		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- B2 Discovery NM/CT670 Patient Table								
MANUFACTURER: GE Medical Systems								
IDENTIFICATION: Model No.: 5363260 Serial No. SSAN00104								
DESCRIPTION: System component of the Discovery NM-CT670 System Test specimen included a simulated patient load of 350 lb. Requires hardware in System Seismic Kit H2506TS								
MOUNTING: Rigid Base (Floor) Mounted: All holes tapped in aluminum plate. Position 1: Clinical Position (12) - 5/8" Dia grade 8 bolts at rear Rear Pivot Support Plate (8) - 3/8" Dia grade 5 bolts at simulated gantry support frame (4) - 1/2" Dia. bolts (2 bolts at each of two Stopper Plate located at front of table) (4) - .25/28 machine screws at Mushroom puck that receives locking pin. Position 2: Table Retracted (10) - 5/8 in grade 8 bolts at rear Pivot Support Plate (8) - 1/2" Dia. bolts (2 bolts at each Stopper Plate: Two Stopper Plates front and two rear) (4) - .25/28 machine screws at Mushroom puck that receives locking pin								
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		X-Axis	Y-Axis	Z-Axis	
42	111.4	45.3	1228+350 patient load	Extended	3.6	12.9	3.1	
				home Position	2.8	17.8	7.0	
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

UUT- B3 Power Input Distribution Box (PIDB)								
MANUFACTURER: GE Medical Systems								
IDENTIFICATION: Label 1: Label 2:								
Model No: 5375888-01		H3100NA						
Serial No.: WC0180225/10		MV1						
DESCRIPTION: System component of the Discovery NM-CT670 System								
MOUNTING: Wall Mounted w/ (4) - #10 Tek screws w/ 1.25" O.D. fender washers through 5/8" gypsum board into 16 ga. steel stud.								
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Z-Axis		
19.69	6.13	19.69	22.5	N/A	N/A	N/A		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT- B4 TIO Console									
MANUFACTURER:		GE Hangwei Medical Systems Co. LTD							
IDENTIFICATION:		Model No.: 5330382				Serial No.: 240642HM9			
DESCRIPTION:		System component of the Discovery NM-CT670 System Requires Seismic Kit B73762CA							
MOUNTING:		Rigid Base (Floor) Mounted using (4) - 3/8" dia. socket head bolts to aluminum interface plate.							
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		X-Axis	Y-Axis	Z-Axis		
18.5	29.13	25.8	182		14.0	32.0	26.5		
SHAKE TABLE TEST PARAMETERS									
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.									




UUT- B5 NM Host									
MANUFACTURER:		Hewlett-Packard Company							
IDENTIFICATION:		Model No.: HP xw4600 Workstation				Serial No.: CZC94158SQ Product No.: FG641EC#AK6			
DESCRIPTION:		System component of the Discovery NM-CT670 System Requires hardware in System Seismic Kit H2506TS							
MOUNTING:		<u>Rigid Base Mounted (Floor Mounted):</u> Workstation strapped into GE Computer Seismic Base attached to the interface plate w/ (4) - 1/4" Hex head bolts (1 to ea. foot).							
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		X-Axis	Y-Axis	Z-Axis		
6.63	18	17.63	43		14.1	16.6	16.6		
SHAKE TABLE TEST PARAMETERS									
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.									



ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT- D1		GOC6.6 Console						
MANUFACTURER:		General Electric Company						
IDENTIFICATION:		Model No.: 5212920-150						
DESCRIPTION:		System component of the Discovery CT750 HD System						
MOUNTING:		<p><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) Bracket P/N 2330549 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)</p>						
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vertical-Axis		
48.74	54.74	34.7	405	6.2	17.3	22.9		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{Ds}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

DATE: 11/06/2024



ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- E1		CT 660 M40 Gantry	
MANUFACTURER:		GE Healthcare	
IDENTIFICATION:		Model No.: 5454001-40	
DESCRIPTION:		<p>System Component of the CT 660 System. Gantry includes "Seismic Kit" which is common to both VCT gantry test specimens. Seismic Kit includes:</p> <ul style="list-style-type: none"> • Brackets and attachments for covers • Seismic documentation & labels • Leveling leg anchorage assembly <p>Requires Seismic Kit B7660MY</p>	
MOUNTING:		Floor mounted using (4) – 5/8" dia. hex head bolts w/ GEHC supplied foot assembly to HSS interface frame.	
PROPERTIES:			
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)
Width	Depth	Height	Weight (lb.)
80.7	40.9	76.3	4012
			Front-Axis
			Side-Axis
			Vertical-Axis
			5.8
			6.5
			22.1
SHAKE TABLE TEST PARAMETERS			
	TEST CRITERIA	S _{DS}	z/h
	ICC-ES AC156	2.0	1.0
		2.6	0.0
			I _p
			1.5
			A _{FLX-H}
			3.2
			A _{RIG-H}
			2.4
			A _{FLX-V}
			1.74
			A _{RIG-V}
			0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.			



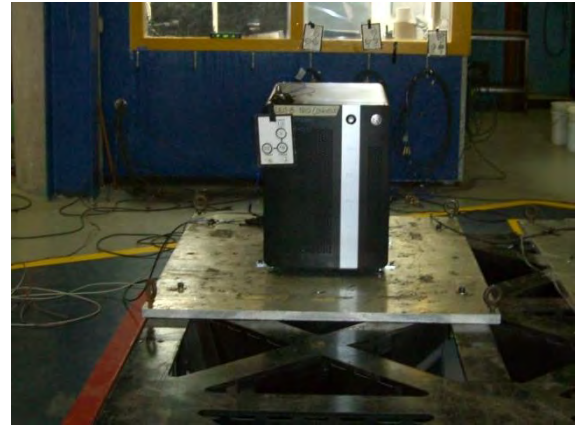
UUT- E2		GT2000 Patient Table	
MANUFACTURER:		GE Hangwei Medical Systems CO. LTD.	
IDENTIFICATION:		Model No.: 5121647-3	
DESCRIPTION:		<p>System Component of the LightSpeed VCT System GT2000 N9 Patient Table Test specimen included a simulated patient load of 550 lb. Seismic Kit.</p> <p>Requires Seismic Kit B7660MY</p>	
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.)			LOWEST RESONANT FREQUENCY (Hz.)
Width	Depth	Height	Weight (lb.)
25.6	114.5	35.5	1146+550 Patient
			Transverse-Axis
			Longitudinal-Axis
			Vertical-Axis
			2.7
			7.1
			5.7
SHAKE TABLE TEST PARAMETERS			
	TEST CRITERIA	S _{DS}	z/h
	ICC-ES AC156	2.0	1.0
		2.5	0.0
			I _p
			1.5
			A _{FLX-H}
			3.2
			A _{RIG-H}
			2.4
			A _{FLX-V}
			1.68
			A _{RIG-V}
			0.68
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.			



ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT- E3 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. Requires Seismic Kit B73762CA							
MOUNTING:		Rigid Base (Floor) Mounted using (4) - 3/8" Dia grade 8 Allen head Cap bolts to aluminum interface frame.							
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									
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.									



UUT- E4 Freedom Workspace – Large w/ 2 LCD monitors									
MANUFACTURER:		GE Healthcare							
IDENTIFICATION:		Model No. 5168666-2							
DESCRIPTION:		System component of the Discovery 610 PET/CT System Larger variant of the Freedom Workspace table w/ (2)-EIZO LCD Monitors mounted to articulated arms Requires Seismic Kit B7660BZ							
MOUNTING:		Rigid Base (Floor) mounted using GE Healthcare seismic bracket Model No. 5394347 w/ (4) – 3/8" dia. socket head bolts to aluminum interface plate.							
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		Side -Axis	Front-Axis	Vertical-Axis		
53.1	29.2	35	167		6.1	3.9	3.9		
SHAKE TABLE TEST PARAMETERS									
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.									



ATTACHMENT 2: TEST SPECIMEN SUMMARY


UUT- E5		GOC6 VCT Console	
MANUFACTURER:		GE Healthcare Japan Corporation	
IDENTIFICATION:		Model No.: 5212920-310	
DESCRIPTION:		System Component of the LightSpeed VCT System. GOC6.5 Console with Xstream HD upgrade	
MOUNTING:		<p><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) Bracket P/N 2330549 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)</p>	
PROPERTIES:			
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)
Width	Depth	Height	Weight (lb.)
48.74	54.74	34.7	501+11 brackets
Front-Axis		Side-Axis	Vertical-Axis
14.2		6.5	14.6
SHAKE TABLE TEST PARAMETERS			
TEST CRITERIA	S _{DS}	z/h	I _P
ICC-ES AC156	2.0 2.5	1.0 0.0	1.5
A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
3.2	2.4	1.68	0.68
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.			

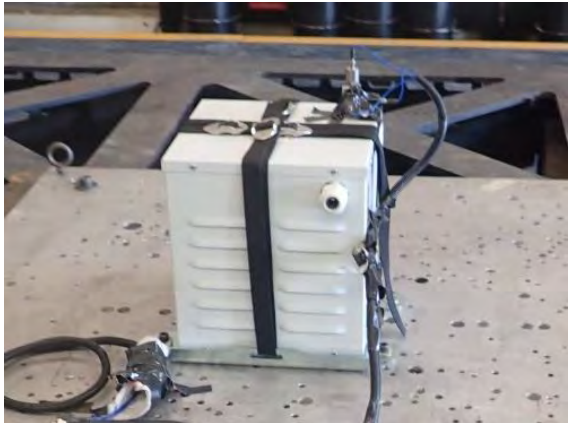


UUT- F1		REVOLUTION EVO GANTRY	
MANUFACTURER:		GE Healthcare	
IDENTIFICATION:		Model No. 5454001-60	
DESCRIPTION:		<p>System component of the Discovery 610 PET/CT System Larger variant of the Freedom Workspace table w/ (2)-EIZO LCD Monitors mounted to articulated arms Requires Seismic Kit B7660MY</p>	
MOUNTING:		Rigid Base (Floor) mounted using (4) – 5/8" DIA GR 8 bolts w/ GEHC supplied foot assembly to HSS interface frame.	
PROPERTIES:			
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)
Width	Depth	Height	Weight (lb.)
80.7	40.9	76.3	4178
Side -Axis		Front-Axis	Vertical-Axis
5.5		5.5	7.4
SHAKE TABLE TEST PARAMETERS			
TEST CRITERIA	S _{DS}	z/h	I _P
ICC-ES AC156	2.0 2.5	1.0 0.0	1.5
A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
3.2	2.4	1.68	0.68
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.			





ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- F2		HP Z420 NM HOST						
MANUFACTURER:		Hewlett Packard						
IDENTIFICATION:		Model No. 5370540-20						
DESCRIPTION:		System component of Discovery NM/CT 670 Nuclear Medicine Imaging System Requires hardware in System Seismic Kit H2506TS						
MOUNTING:		Rigid Base (Floor) Mounted Computer strapped into GE-provided Computer Seismic Base anchored to interface plate w/ (4) – 1/4" DIA Hex head bolts & washers.						
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Side -Axis	Front-Axis	Vertical-Axis		
7	20	17.75	37	18.8	32.9	37.0		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S_{DS}	z/h	I_P	A_{FLX-H}	A_{RIG-H}	A_{FLX-V}	A_{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								


UUT- G1		Discovery NM/CT 670 Stepdown Transformer						
MANUFACTURER:		R. A. M.						
IDENTIFICATION:		Part No. 5439825 002						
DESCRIPTION:		System Component of Discovery NM/CT 670 System 280V Input / 230V 32A Output Requires hardware in System Seismic Kit H3100CJ						
MOUNTING:		Rigid Base (Floor) Mounted Transformer strapped into GEHC mounting base anchored to interface plate w/ (4) – 3/8" diam. Allen Head cap screws.						
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Front -Axis	Side-Axis	Vertical-Axis		
10.25	10.25	11.5	78	9.9	11.4	29.2		
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S_{DS}	z/h	I_P	A_{FLX-H}	A_{RIG-H}	A_{FLX-V}	A_{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								


ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- J1 NM D670 CZT Gantry w/ Discovery NM/CT 670 Pro CT (CT 540+)										
MANUFACTURER:		GE Healthcare								
IDENTIFICATION:		NM D670		0540+ CT						
		5376204-90-10		5432539-56						
DESCRIPTION:		<p>System component of the Discovery NM/CT 670 CZT system. Standard production unit was modified at lab prior to test through installation of a standardized GE seismic option package. Additional modifications installed at lab to address anomalies during test.</p> <p>Requires hardware in System Seismic Kit H2506TS</p>								
MOUNTING:		Rigid Base (Floor) Mounted using (10) - 1/2" bolts to CT component & (4) - 5/8" bolts to NM component.								
PROPERTIES:										
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)					
Width	Depth	Height	Weight (lb.)		Side-Axis	Front-Axis	Vertical-Axis			
85.8	125.9	83.1	8481		6.3	6.6	11.3			
SHAKE TABLE TEST PARAMETERS										
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}		
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70		
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.										


UUT- J2 NM D670 CZT Gantry w/ Discovery NM/CT 670 Pro CT (CT 540+)										
MANUFACTURER:		GE Healthcare								
IDENTIFICATION:		NM D670		0540 CT						
		5376204-90-10		5432539-54						
DESCRIPTION:		<p>System component of the Discovery NM/CT 670 CZT system. Standard production unit was modified at lab prior to test through installation of a standardized GE seismic option package. Additional modifications installed at lab to address anomalies during test.</p> <p>Requires hardware in System Seismic Kit H2506TS</p>								
MOUNTING:		Rigid Base (Floor) Mounted using (10) - 1/2" bolts to CT component & (4) - 5/8" bolts to NM component.								
PROPERTIES:										
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)					
Width	Depth	Height	Weight (lb.)		Side-Axis	Front-Axis	Vertical-Axis			
85.8	125.9	83.1	8481		5.9	6.4	11.3			
SHAKE TABLE TEST PARAMETERS										
	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}		
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70		
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.										


ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- J3 NIO Console								
MANUFACTURER:	GE Healthcare							
IDENTIFICATION:	Model No.: 5411378-12							
DESCRIPTION:	System component of the Discovery NM/CT 670 Pro, Discovery NM/CT 670 CZT system and other CT systems Requires Seismic Kit B73762CA							
MOUNTING:	Rigid Base (Floor) Mounted using (4) - 3/8" Dia grade 8 Allen head Cap bolts to steel interface plate.							
PROPERTIES:								
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Weight (lb.)		Side-Axis	Front-Axis	Vertical-Axis	
19	29	26	170		22.1	20.7	22.4	
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

UUT- J1308-2 NGPDU-71								
MANUFACTURER:	GE Healthcare							
IDENTIFICATION:	Model No.: 2326492-71							
DESCRIPTION:	System component of the Optima CT540 / CT540+, Discovery NM/CT 670 Pro and Discovery NM/CT 670 CZT.							
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)							
PROPERTIES:								
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Weight (lb.)		Side-Axis	Front-Axis	Vertical-Axis	
27.6	21.7	41.8	813		17.2	15.6	32.6	
SHAKE TABLE TEST PARAMETERS								
	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2	2.4	1.74	0.70
Unit maintained structural integrity and remained functional per manufacturer requirement after AC 156 test.								

ATTACHMENT 2: TEST SPECIMEN SUMMARY

L1805-2 Console Assembly (HDE6)						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No.: 5940904-10 Serial No.: HDE60 - 002						
DESCRIPTION: System component of the Revolution Frontier CT system. Open style console HP Z840 Computer						
MOUNTING: Rigid Base (Floor) mounted using: GE console to floor mounting assembly (3 locations total): Console Anti Seismic Bracket (P/N 5357148-3) each w/ - (2) - M6 x 16 10.9 Class bolts (Torque = 7.9 N-m) (P/N 2262896-30) - (2) - Flat washers (P/N 2001-M8-02) - 3/8" dia. ASTM A574 Socket Head Cap Screw w/ washer.						
DIMENSIONS (In.)				LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
15.7	26.4	22.7		138	14.46	30.24
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
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.						

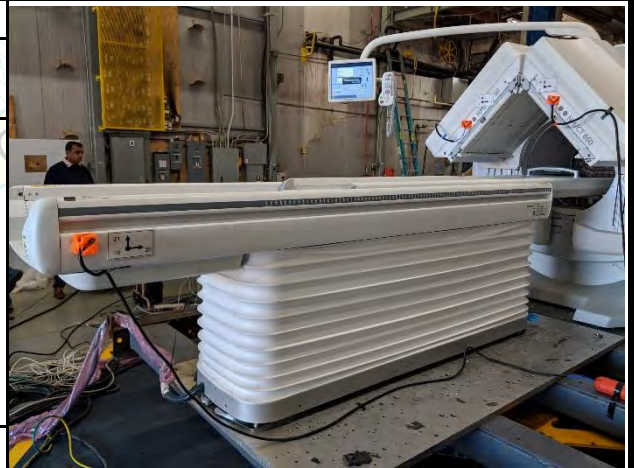
M1818-1 Console Assembly						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No.: 5940904-12 Serial No.: 460049CN1						
DESCRIPTION: System component of the Revolution Frontier CT System. HP Z8 Computer mounted in an open style console.						
MOUNTING: Rigid Base (Floor) mounted using: GE console to floor mounting assembly (3 locations total): Console Anti Seismic Bracket (P/N 5357148-3) each w/ - (2) - M6 x 16 flange screw, hexagon socket, black oxide RoHS fastener (Torque=7.9 N-m) (P/N 2262896-30) - (2) - Flat washers (P/N 2001-M8-02) - (1) - 3/8" dia. ASTM A574 Socket Head Cap Screw w/ washer.						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
15.7	26.4	22.7		142.2	15.12	34.41
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
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


N1819-1 NM/CT 860 Gantry						
<i>Manufacturer:</i> GE Medical Systems Israel, Functional Imaging						
<i>Identification:</i> System: Model No.: H3908AH Serial No.:860X62003 860 CT Gantry Model No.: 5778896-10 Serial No.: P0002 860 NM Gantry Model No.: 5376204-60 Serial No.: 860X62003						
<i>Description:</i> System component of the NM/CT 860 Nuclear Medicine Imaging System. The tested configuration included both a PET gantry and a CT gantry in a complete PET-CT assembly. Detectors positioned in L-Mode w/ LEHR (Low Energy High Resolution) collimators installed. UUT included GE seismic kit.						
<i>Mounting:</i> <u>Rigid Base (Floor) mounted</u> using (8) – M12 Class 8.8 bolts w/ steel sleeves to CT gantry (4) – M12 Class 8.8 bolts w/ steel sleeves to NM gantry						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
75.9	114.4	77.3		7363 (TOTAL)	5.48	5.04
ICC-ES AC156 Shake Table Test Parameters						
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 2.6	1 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.						




N1819-7 NM/CT Patient Table						
<i>Manufacturer:</i> GE Medical Systems Israel, Functional Imaging						
<i>Identification:</i> Model No.: 5363260-70 Serial No.: CHBY65050						
<i>Description:</i> System component of the NM/CT 860 Nuclear Medicine Imaging System. Component used in several GE Healthcare NM/CT systems: NM/CT 870 DR, NM/CT 870 CZT, NM/CT 860, NM/CT 850 400lbs.patient load Included GE seismic kit. Additionally, unit was modified during testing to address anomalies observed during testing. These modifications will be incorporated into the GE seismic kit						
<i>Mounting:</i> <u>Rigid Base (Floor) mounted</u> using (16) – M10 Class 8.8 bolts with steel sleeves at rear pivot. (4) – M10 Class 8.8 bolts with steel sleeves at front edge.						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
24	111.4	35.5		1177	1.85	5.39
ICC-ES AC156 Shake Table Test Parameters						
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 2.6	1 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

N1819-3 CT Console						
<i>Manufacturer:</i> WIPRO GE Healthcare PVT. LTD						
<i>Identification:</i> Model No.: 6550000-13 Serial No.: P0002						
<i>Description:</i> System component of the NM/CT 860 Nuclear Medicine Imaging System. Also used with NM/CT 850 system. HP Z440 Computer Product No.: X4B18UC#AB2 Serial No.: 6CR706W2JK						
<i>Mounting:</i> Rigid Base (Floor) mounted using a strap assembly at front and rear. Each strap assembly consisting of: <ul style="list-style-type: none"> • 1" wide nylon strap w/ metal cam buckle (50 lb tension / 200 lb WLL) looped through slots in vertical legs of • (2) – L2½ x 2" x ½" x 0'-2" LLV brackets positioned snug against unit. • Each bracket attached w/ 3/8" diameter SAE J429 Grade 8 threaded into aluminum plate. (1 set ea. front & rear, 4 bolts total) 						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
6.6	17.5	17.0	29	34.8	>50	>50
ICC-ES AC156 Shake Table Test Parameters						
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 2.6	1 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.						


N1819-4 Power Distribution Unit						
<i>Manufacturer:</i> GE Hangwei Medical Systems CO. LTD.						
<i>Identification:</i> Model No.: 2326492-37 Serial No.: BHW12CNSSKPDU-503-16						
<i>Description:</i> System component of the NM/CT 860 system. Also used with NM/CT 850 system.						
<i>Mounting:</i> Rigid Base (Floor) mounted using: <ul style="list-style-type: none"> (2) – 3/8" dia. ASTM A574 Socket Head Cap Screws w/ washer through each GE mounting bracket to floor plate. (4 anchors total) GE mounting assembly including: <ul style="list-style-type: none"> (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) 						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
27.6	21.7	41.8	661	20.48	30.65	41.76
ICC-ES AC156 Shake Table Test Parameters						
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 2.6	1 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

N1819-5 Power Input Distribution Box						
<i>Manufacturer:</i> Amphenol						
<i>Identification:</i> Model No.: 5375888-03 Serial No.: CT171113						
<i>Description:</i> System component of the NM/CT 860 Nuclear Medicine Imaging systems. Component used in several GE Healthcare NM/CT systems: D670 Pro, D670 ES, D670 DR, D670 CZT, NM/CT 870 DR, NM/CT 870 CZT, NM/CT 860, NM/CT 850						
<i>Mounting:</i> Rigid Wall mounted using (2) – ¼" dia. HWH TEK screws w/ 1/25" OD x 9/32" I.D.x0.06" fender washers at top. (2) – ¼" dia. HWH TEK screws at bottom.						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
19.7	6.13	19.7	23	N/A	N/A	N/A
ICC-ES AC156 Shake Table Test Parameters						
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 2.6	1 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.						

N1819-8 NM Operator Console						
<i>Manufacturer:</i> Hewlett Packard						
<i>Identification:</i> Model No.: 5370540-95 Serial No.: CZC52800CT						
<i>Description:</i> System component of the NM/CT 860 system. Component used in several GE Healthcare NM/CT systems: NM/CT 870 DR, NM/CT 870 CZT, NM/CT 860, NM/CT 850 HP Z4 G4 computer.						
<i>Mounting:</i> Rigid Base (Floor) mounted using a strap assembly at front and rear. Each strap assembly consisting of: <ul style="list-style-type: none"> 1" wide nylon strap w/ metal cam buckle (50 lb tension / 200 lb WLL) looped through slots in vertical legs of (2) – L2½ x 2" x ½" x 0'-2" LLV brackets positioned snug against unit. Each bracket attached w/ 3/8" diameter SAE J429 Grade 8 threaded into aluminum plate. (1 set ea. front & rear, 4 bolts total.)						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
6.65	17.5	15.2	24.9	32.89	>50	2.84
ICC-ES AC156 Shake Table Test Parameters						
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 2.6	1 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

N1806-5 Optima CT540 Open Console						
<i>MANUFACTURER:</i> GE Healthcare						
<i>IDENTIFICATION:</i> Model No.: 5941604-10						
<i>DESCRIPTION:</i> Component of the Optima CT 540 system. "Open" console style						
<i>MOUNTING:</i> Rigid Base (Floor) mounted using: 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. 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
15.7	26.4	22.7	132.5	14.4	32.2	>50
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
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.						

P1914-2 Open Console w/ Z8G4						
<i>Manufacturer:</i> GE Hangwei Medical Systems Co., LTD.						
<i>Identification:</i> Model No.: 5946404-15 Serial No.: 000000HM1						
<i>Description:</i> 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.						
<i>Mounting:</i> 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 Shake Table Test Parameters						
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

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Q2415-1 Open Console w/ Z8G5						
<i>Manufacturer:</i> GE Hangwei Medical Systems Co., LTD.						
<i>Identification:</i> Model No.: 5946404-18 Serial No.: 7DC446S147						
<i>Description:</i> Component of the Revolution Maxima / Revolution Ace CT Systems - HP Z8G5 Computer - Open style console.						
<i>Mounting:</i> <u>Rigid Base (Floor) mounted using:</u> GE Console Anchor Kit 5812703-2 (3) – 3/8" dia. SAE J429 Grade 8 bolts 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	Vertical-Axis
17.6	26.4	22.7	136	11.2	26.3	31.2
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 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.						

DATE: 11/06/2024

