



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
ACTIVITIES DEVELOPMENT DIVISION

**APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)**

OFFICE USE ONLY

APPLICATION #: **OSP – 0239-10**

OSHPD 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 53188-1696

Telephone: 888-406-1101

Email: Tom.Farnow@gehcseismic.com

Product Information

Product Name: SEVERAL – See attachment 1

Product Type: DIAGNOSTIC IMAGING EQUIPMENT

Product Model Number: SEE ATTACHMENT 1

(List all unique product identification numbers and/or part numbers)

General Description: System components of multiple-component medical diagnostic imaging systems. Special Seismic Certification is limited to components of the Optima CT 660 System, Revolution EVO CT System and Discover NM-CT 670 Pro/ES/CZT Systems identified in Attachment 1 for functions related to Computed Tomography (CT) imaging services only. Seismic enhancements incorporated into the test units and enhancements required to address anomalies observed during the tests shall be incorporated into the certified units.

Mounting Description: See Attachments 1, Tables 1, 2 & 3 for approved mounting types.

Applicant Information

Applicant Company Name: EASE LLC

Contact Person: JONATHAN ROBERSON. S.E.

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

Telephone: (909) 606-7622

Email: j.roberson@easeco.com

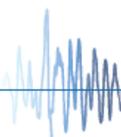
I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.

Signature of Applicant:  Date: 11/21/2016

Title: Principal Engineer Company Name: EASE LLC

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

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY
OSH-FD-759 (REV 12/16/15)



OSHPD



Seismic Parameters

Design in accordance with ASCE 7-10 Chapter 13: Yes No

Design Basis of Equipment or Components (F_p/W_p) = SEE ATTACHMENT 1

S_{DS} (Design spectral response acceleration at short period, g) = SEE ATTACHMENT 1

a_p (In-structure equipment or component amplification factor) = SEE ATTACHMENT 1

R_p (Equipment or component response modification factor) = SEE ATTACHMENT 1

Ω_0 (System overstrength factor) = 1½ (Gantry & Tables) / 2 (All others)

I_p (Importance factor) = 1.5

z/h (Height factor ratio) = SEE ATTACHMENT 1

Equipment or Component Natural Frequencies (Hz) = SEE ATTACHMENT 2

Overall dimensions and weight (or range thereof) = SEE ATTACHMENT 1

Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: Yes No

Design Basis of Equipment or Components (V/W) = _____

S_{DS} (Design spectral response acceleration at short period, g) = _____

S_{D1} (Design spectral response acceleration at 1 second period, g) = _____

R (Response modification coefficient) = _____

Ω_0 (System overstrength factor) = _____

C_d (Deflection amplification factor) = _____

I_p (Importance factor) = 1.5

Height to Center of Gravity above base = _____

Equipment or Component Natural Frequencies (Hz) = _____

Overall dimensions and weight (or range thereof) = _____

Tank(s) designed in accordance with ASME BPVC, 2015: Yes No

List of Attachments Supporting Special Seismic Certification

Test Report(s) Drawings Calculations Manufacturer's Catalog

Other(s) (Please Specify): ATTACHMENTS 1 & 2

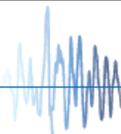
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2022

Signature: Date: 12/6/16

Print Name: M. R. Karim Title: SHFR

Special Seismic Certification Valid Up to : S_{DS} (g) = See Above z/h = See Above

Condition of Approval (if applicable): Certification is limited to CT Imaging function only.



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														
Optima CT 660 Gantry	5454001-100	80.7	40.9	76.3	4013	Floor	UUT-1	2.40 1.17	2.0 2.6	1 0	1	1 ½	1 ½	
Optima CT 660 Gantry	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	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½	
Revolution EVO CT Gantry	5454001-160 5454001-260	80.7	40.9	76.3	4012	Floor	SAME							
PATIENT TABLES														
GT1700V	5122080-11	25.6	93.3	19.2 / 41.2	1059 ^[2]	Floor	UUT-2	2.40 1.17	2.0 2.6	1 0	1	1 ½	1 ½	
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														
Operator Console (RIO)	5577708-102	18.5	29	25.8	176	Floor	UUT-5	1.50 1.17	2.0 2.6	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)	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)						
Operator Console (NIO)	5411378	18.5	29.1	25.8	176	Floor	SAME (UUT-5)						
Operator Console (NIO)	5441626-11 5441626-22	18.5	29.1	25.8	159	Floor	INT						
Operator Console (NIO)	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 1.17	2.0 2.6	1 0	2 ½	6	2
Operator Console (NIO)	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 1.17	2.0 2.6	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	5212920-310	48.74	46.54 / 54.74	26.7 / 34.7	512 ^[4]	Floor	UUT-E5						
GOC6	5212920-100	48.7	42.3 / 50.5	26.7 / 34.8	430	Floor	UUT-D2	1.45	1.93	1			
POWER DISTRIBUTION (PDU) ^[4]													
Power Distribution Unit	2326492-80	27.6	21.7	41.8	841	Floor	UUT-3						
Power Distribution Unit	2326492-81 2326492-3	27.6	21.7	41.8	841	Floor	SAME	1.44 1.17	2.0 2.6	1 0	1	2 ½	2

Table continues next page.

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 1:

<i>Manufacturer</i>	GE HEALTHCARE													
<i>System</i>	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										
MISC														
Freedom Workspace w/ NEC LCD Monitors	5168666-3	50	24.4	26.9 / 35.9	155 ^[6]	Floor ^[7]	UUT-4	1.50	2.0	1	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	1.17	2.6	0				
<i>Mount</i>	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.													
<i>Notes</i>	<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. Weight includes 2 LCD monitors. Requires use of GEHC seismic brackets used in test of Freedom Workspace model 5168666-2. 													

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 2:

Manufacturer		GE HEALTHCARE												
System		DISCOVERY NM-CT 670 ^[4] DISCOVERY NM-CT 670 ES ^[4] DISCOVERY NM-CT 670 PRO ^[4] DISCOVERY NM-CT 670 CZT ^[4]												
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														
D670 CZT NM Gantry	5376204-90-10	85.8	125.9	83.1	8481	Floor	UUT-J1	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 Pro CT (CT 540+)	5432539-56													
D670 CZT NM Gantry	5376204-90-10	85.8	125.9	83.1	8481	Floor	UUT-J2	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 Pro CT (CT 540)	5432539-54													
D670 CZT NM Gantry	5376204-90-11	85.8	125.9	83.1	8481	Floor	SAME	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 Pro CT (CT 540+)	5432539-56													
D670 Pro NM Gantry	5376204-70-54	85.8	125.9	83.1	8994	Floor	INT	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 Pro CT (CT540)	5432539-54													
D670 Pro NM Gantry	5376204-70-56	85.8	125.9	83.1	8994	Floor	INT	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 Pro CT (CT540+)	5432539-56													
D670 ES NM Gantry	5376204-70-55	85.8	125.9	83.1	8994	Floor	INT	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 Pro CT (CT540)	5432539-54													
D670 ES NM Gantry	5376204-70-55	85.8	125.9	83.1	8994	Floor	INT	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 Pro CT (CT 540+)	5432539-56													
Discovery 670 NM Gantry	5376204-01	86.2	125.9	85.4	8096	Floor	UUT-B1	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 CT (Brightspeed)	5143716-53													

Table continues next page.

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 2:

Manufacturer		GE HEALTHCARE												
System		DISCOVERY NM-CT 670 ^[4]						DISCOVERY NM-CT 670 ES ^[4]						
		DISCOVERY NM-CT 670 PRO ^[4]												
		DISCOVERY NM-CT 670 CZT ^[4]												
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	5376204	86.2	125.9	85.4	8096	Floor	SAME (B1)	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 CT (Brightspeed)	5143716-53													
Discovery 670 NM Gantry	5376204-70	86.2	125.9	85.4	8096	Floor	SAME (B1)	2.40 1.17	2 2.6	1 0	1	1 ½	1 ½	
Discovery NM/CT 670 CT (Brightspeed)	5143716-53													
PATIENT TABLES														
Patient Table	5363260	42.0	111.4	45.3	1228 ^[3]	Floor	UUT-B2	2.40 1.17	2.0 2.6	1 0	1	1 ½	1 ½	
CONSOLES														
Operator Console (TIO)	5330382	18.5	29.1	25.8	182	Floor	UUT-B4	1.50 1.17	2.0 2.6	1 0	2 ½	6	2	
Operator Console (TIO)	5411378	18.5	29.1	25.8	176	Floor	SAME (UUT-5)	1.50 1.17	2.0 2.6	1 0	2 ½	6	2	
NIO Console ^[5]	5411378-23	19	29	26	161	Floor	UUT-E3	1.50 1.17	2.0 2.6	1 0	2 ½	6	2	
CT Operator Console (NIO Console)	5411378-11	19	29	26	159	Floor	INT							
RIO Console ^[5]	5577708-102	19	29	26	176	Floor	UUT-5							
CT Operator Console	5411378-12	19	29	26	170	Floor	UUT-J3							
NM Host (HP XW4600)	HP XW4600 Workstation ^[4]	6.6	17.9	17.7	43	Floor	UUT-B5	1.50 1.17	2.0 2.6	1 0	2 ½	6	2	
NM Host (HP Z400)	5370540	6.6	17.9	17.7	43	Floor	INT	1.50 1.13	2.0 2.5	1 0	2 ½	6	2	
NM Host (HP Z420 T3)	5370540-25	7.0	20.0	17.8	37	Floor	INT							
NM Host (HP Z420)	5370540-27	7.0	20.0	17.8	37	Floor	INT							
NM Host (HP Z420)	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 1.17	2 2.6	1 0	1	2 ½	2	
Power Input Distribution Box (PIDB)	5375888-01	19.7	6.13	19.7	22.5	Wall	UUT-B3	1.44	2	1	1	2 ½	2	
Power Input Distribution Box (PIDB)	5375888	19.7	6.13	19.7	22.5	Wall	SAME	1.17	2.6	0				

Table continues next page.

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 2:

<i>Manufacturer</i>	GE HEALTHCARE													
<i>System</i>	DISCOVERY NM-CT 670 ^[4]					DISCOVERY NM-CT 670 ES ^[4]								
	DISCOVERY NM-CT 670 PRO ^[4]					DISCOVERY NM-CT 670 CZT ^[4]								
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										
TRANSFORMER														
R.A.M. Step-Down Auto Transformer	5439825 002	10.25	10.25	11.5	78	Floor	UUT-G1	1.44 1.17	2 2.6	1 0	1	2 ½	2	
<i>Mount</i>	<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>													
<i>Notes</i>	<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. • 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. <p>2. All components listed above are manufactured by GE Healthcare unless otherwise noted.</p> <p>3. Patient Table weight does not include the 350 lb. simulated patient load present during testing.</p> <p>4. Seismic Certification is limited to functions related to CT imaging only.</p> <p>5. Model included only to establish basis for seismic qualification of system component.</p>													

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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

ATTACHMENT PAGE | 1 OF 13

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
MOUNTING:	Rigid Base (Floor) mounted using (4) – 5/8" dia. hex head bolts to interface frame.



PROPERTIES:						
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis
80.7	40.9	76.3	4013	5.7	9.4	13.9

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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70

Unit maintained structural integrity and remained functional per manufacturer requirement.

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.
MOUNTING:	Rigid Base (Floor) mounted using (4) – 5/8" dia. hex head bolts to interface plate.



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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70

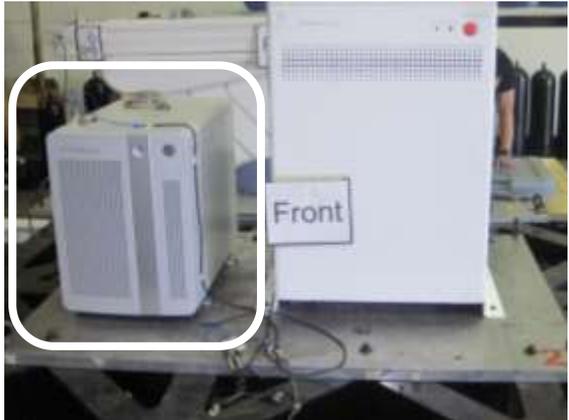
Unit maintained structural integrity and remained functional per manufacturer requirement

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:		Rigid Base (Floor) mounted using (4) – 3/8" socket head bolts to aluminum interface plate.							
									
PROPERTIES:									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Front-Axis		Side-Axis	Vertical-Axis			
27.6	21.7	41.8	841	20.4	20.6	13.8			
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 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2 2.5	2.4 1.0	1.34 1.68	0.54 0.68	
Unit maintained structural integrity and remained functional per manufacturer requirement									

UUT- 4 Freedom Workspace									
MANUFACTURER:		GE Hangwei Medical Systems Co., LTD.							
IDENTIFICATION:		Freedom Workspace NEC LCD Monitor Model No.: 5168666-3 LCD1990SXi-BK							
DESCRIPTION:		System component of the Optima CT660 System Includes monitor mount with (2) NEC LCD monitors.							
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.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Side -Axis		Front-Axis	Vertical-Axis			
50	24.4	26.9 / 35.9	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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement									

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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								
MOUNTING:		Rigid Base (Floor) Mounted using (4) - 3/8" dia. socket head bolts to aluminum interface plate.								
										
PROPERTIES:										
DIMENSIONS (in.)					Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height				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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70		
Unit maintained structural integrity and remained functional per manufacturer requirement										

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.)					Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height				X-Axis	Y-Axis	Z-Axis		
19.78	8.125	30.24			108	N/A	N/A	N/A		
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 2016	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										

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.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	X-Axis		Y-Axis	Z-Axis			
19.78	8.125	30.24	113.5		N/A	N/A	N/A		
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 2016	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									

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: Sub-component of the Discovery NM-CT670 System									
MOUNTING: Rigid Base (Floor) Mounted w/ (14) – 5/8" dia. bolts to interface frame.									
PROPERTIES:									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	X-Axis		Y-Axis	Z-Axis			
86.2	125.9	85.4	8906		5.6	5.8	4.6		
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 2016	ICC-ES AC156	2.0	1.0	1.5	3.2	2.4	1.34	0.54	
		2.6	0.0		2.6	1.04	1.74	0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement									

UUT- B2 Discovery NM/CT670 Patient Table									
MANUFACTURER: GE Medical Systems									
IDENTIFICATION: Model No.: 5363260		Serial No. SSAN00104							
DESCRIPTION: Sub-component of the Discovery NM-CT670 System Test specimen included a simulated patient load of 350 lb.									
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.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	1228+350 patient load			X-Axis	Y-Axis	Z-Axis	
42	111.4	45.3		Extended	3.6	12.9	3.1		
				home Position	2.8	17.8	7.0		
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 2016	ICC-ES AC156	2.0	1.0	1.5	3.2	2.4	1.34	0.54	
		2.6	0.0		2.6	1.04	1.74	0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement									

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: Sub-component of the Discovery NM-CT670 System									
MOUNTING: Wall Mounted w/ (4) - #10 Tek Screws through 5/8" gypsum board into 16 ga. steel stud.									
PROPERTIES:									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	22.5			X-Axis	Y-Axis	Z-Axis	
19.69	6.13	19.69		N/A	N/A	N/A			
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 2016	ICC-ES AC156	2.0	1.0	1.5	3.2	2.4	1.34	0.54	
		2.6	0.0		2.6	1.04	1.74	0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement									

UUT- B4		TIO Console						
MANUFACTURER:		GE Hangwei Medical Systems Co. LTD						
IDENTIFICATION:		Model No.: 5330382	Serial No.: 240642HM9					
DESCRIPTION:		Sub-component of the Discovery NM-CT670 System						
MOUNTING:		Rigid Base (Floor) Mounted using (4) - 3/8" dia. socket head bolts to aluminum interface plate.						
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		X-Axis	Y-Axis	Z-Axis		
18.5	29.13	25.8	182	14.0	32.0	26.5		
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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								

UUT- B5		NM Host						
MANUFACTURER:		Hewlett-Packard Company						
IDENTIFICATION:		Model No.: HP xw4600 Workstation	Serial No.: CZC94158SQ Product No.: FG641EC#AK6					
DESCRIPTION:		Sub-component of the Discovery NM-CT670 System						
MOUNTING:		<u>Rigid Base Mounted (Floor Mounted):</u> Workstation strapped into GE Computer Seismic Base which was attached to the interface plate w/ (4) - 1/4" Hex head bolts (1 to ea. foot).						
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		X-Axis	Y-Axis	Z-Axis		
6.63	18	17.63	43	14.1	16.6	16.6		
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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								

ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- D1		GOC6.6 Console						
<i>MANUFACTURER:</i>		General Electric Company						
<i>IDENTIFICATION:</i>		Model No.: 5212920-150						
<i>DESCRIPTION:</i>		System component of the Discovery CT750 HD System						
<i>MOUNTING:</i>		Floor mounted using (4) – 3/8" dia. socket head bolts through GEHC supplied mounting brackets to aluminum interface plate.						
								
<i>PROPERTIES:</i>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Side-Axis	Front-Axis	Vertical-Axis		
48.74	46.54 / 54.74	26.7 / 34.7	405	6.2	17.3	22.9		
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								

UUT- D2		GOC6 Console						
<i>MANUFACTURER:</i>		GE Healthcare						
<i>IDENTIFICATION:</i>		Model No.: 5212920-100						
		Serial No.: 405144CN7						
<i>DESCRIPTION:</i>		System component of the Discovery CT750 HD System						
<i>MOUNTING:</i>		Floor mounted using (4) – 3/8" dia. socket head bolts through GEHC supplied mounting brackets to aluminum interface plate.						
								
<i>PROPERTIES:</i>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Side-Axis	Front-Axis	Vertical-Axis		
48.7	48.3	34.8	430	8.5	22	18.5		
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	1.93	1	1.5	3.09	2.32	1.29	0.52
Unit maintained structural integrity and remained functional per manufacturer requirement								

ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- E1		CT 660 M40 Gantry						
<i>MANUFACTURER:</i>		GE Healthcare						
<i>IDENTIFICATION:</i>		Model No.: 5454001-40						
<i>DESCRIPTION:</i>		System Component of the CT 660 System. Gantry includes "Seismic Kit" which is common to both VCT gantry test specimens. Seismic Kit includes: <ul style="list-style-type: none"> • Brackets and attachments for covers • Seismic documentation & labels • Leveling leg anchorage assembly 						
<i>MOUNTING:</i>		Floor mounted using (4) – 5/8" dia. hex head bolts w/ GEHC supplied foot assembly to HSS interface frame.						
<i>PROPERTIES:</i>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Front-Axis	Side-Axis	Vertical-Axis		
80.7	40.9	76.3		4012	5.8	6.5	22.1	
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								



UUT- E2		GT2000 Patient Table						
<i>MANUFACTURER:</i>		GE Hangwei Medical Systems CO. LTD.						
<i>IDENTIFICATION:</i>		Model No.: 5121647-3						
<i>DESCRIPTION:</i>		System Component of the LightSpeed VCT System GT2000 N9 Patient Table Test specimen included a simulated patient load of 550 lb. Seismic Kit						
<i>MOUNTING:</i>		Floor: (4) – 5/8" dia GR 8 hex head bolts (torqued to 60 lb-ft) w/ GEHC supplied patient table foot assembly.						
<i>PROPERTIES:</i>								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Transverse-Axis	Longitudinal-Axis	Vertical-Axis		
25.6	114.5	18.3 / 41.3		1146+550 Patient	2.7	7.1	5.7	
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2 2.5	2.4 1.0	1.34 1.68	0.54 0.68
Unit maintained structural integrity and remained functional per manufacturer requirement								



ATTACHMENT 2: TEST SPECIMEN SUMMARY

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.						
MOUNTING:		Rigid Base (Floor) Mounted using (4) - 3/8" Dia grade 8 Allen head Cap bolts to aluminum interface frame.						
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								

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						
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.)			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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								

ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT- E5		GOC6 VCT Console						
<i>MANUFACTURER:</i>		GE Healthcare Japan Corporation						
<i>IDENTIFICATION:</i>		Model No.: 5212920-310						
<i>DESCRIPTION:</i>		System Component of the LightSpeed VCT System. GOC6.5 Console with Xstream HD upgrade						
<i>MOUNTING:</i>		Floor mounted using (4) – 3/8" dia. socket head bolts through GEHC supplied mounting brackets to aluminum interface plate.						
<i>PROPERTIES:</i>								
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Front-Axis		Side-Axis	Vertical-Axis		
48.74	46.54 to 54.74	26.7 to 34.7	501+11 brackets	14.2	6.5	14.6		
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2 2.5	2.4 1.0	1.34 1.68	0.54 0.68
Unit maintained structural integrity and remained functional per manufacturer requirement								



UUT- F1		REVOLUTION EVO GANTRY						
<i>MANUFACTURER:</i>		GE Healthcare						
<i>IDENTIFICATION:</i>		Model No. 5454001-60						
<i>DESCRIPTION:</i>		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						
<i>MOUNTING:</i>		Rigid Base (Floor) mounted using (4) – 5/8" DIA GR 8 bolts w/ GEHC supplied foot assembly to HSS interface frame.						
<i>PROPERTIES:</i>								
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Side -Axis		Front-Axis	Vertical-Axis		
80.7	40.9	76.3	4178	5.5	5.5	7.4		
<i>SHAKE TABLE TEST PARAMETERS</i>								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2 2.5	2.4 1.0	1.34 1.68	0.54 0.68
Unit maintained structural integrity and remained functional per manufacturer requirement								



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						
MOUNTING:		Rigid Base (Floor) Mounted Computer strapped into GE-provided Computer Seismic Base anchored to interface plate w/ (4) – ¼" DIA Hex head bolts & washers.						
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Side -Axis	Front-Axis	Vertical-Axis		
7	20	17.75	37	18.8	32.9	37.0		
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 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2 2.5	2.4 1.0	1.34 1.68	0.54 0.68
Unit maintained structural integrity and remained functional per manufacturer requirement								

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						
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.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Front -Axis	Side-Axis	Vertical-Axis		
10.25	10.25	11.5	78	9.9	11.4	29.2		
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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								

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:		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.															
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																	
CODE		TEST CRITERIA		S _{DS}		z/h		I _P		A _{FLX-H}		A _{RIG-H}		A _{FLX-V}		A _{RIG-V}	
CBC 2016		ICC-ES AC156		2.0 2.6		1.0 0.0		1.5		3.2 2.6		2.4 1.04		1.34 1.74		0.54 0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement																	



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:		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.															
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																	
CODE		TEST CRITERIA		S _{DS}		z/h		I _P		A _{FLX-H}		A _{RIG-H}		A _{FLX-V}		A _{RIG-V}	
CBC 2016		ICC-ES AC156		2.0 2.6		1.0 0.0		1.5		3.2 2.6		2.4 1.04		1.34 1.74		0.54 0.70	
Unit maintained structural integrity and remained functional per manufacturer requirement																	



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							
MOUNTING:	Rigid Base (Floor) Mounted using (4) - 3/8" Dia grade 8 Allen head Cap bolts to steel interface plate.							
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Side-Axis	Front-Axis	Vertical-Axis		
19	29	26	170	22.1	20.7	22.4		
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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								

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:	Rigid Base (Floor) mounted using (4) – 3/8" Dia grade 8 Allen head Cap bolts to aluminum interface plate.							
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		Side-Axis	Front-Axis	Vertical-Axis		
27.6	21.7	41.8	813	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 2016	ICC-ES AC156	2.0 2.6	1.0 0.0	1.5	3.2 2.6	2.4 1.04	1.34 1.74	0.54 0.70
Unit maintained structural integrity and remained functional per manufacturer requirement								