



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
FACILITIES DEVELOPMENT DIVISION**

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

OFFICE USE ONLY

**APPLICATION #: OSP-0680**

**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 53188-1696

Telephone: (888) 406-1101

Email: Tom.Farnow@gehcseismic.com

**Product Information**

Product Name: CT Systems

Product Type: NA

Product Model Number: Discovery MI Digital Ready PET/CT System (2021) & Discovery IQ PET/CT System (2021)

General Description: Multiple-component medical imaging systems. Special Seismic Certification is limited to functions related to Computed Tomography (CT) medical imaging services.

Mounting Description: Rigid, Floor Mounted

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

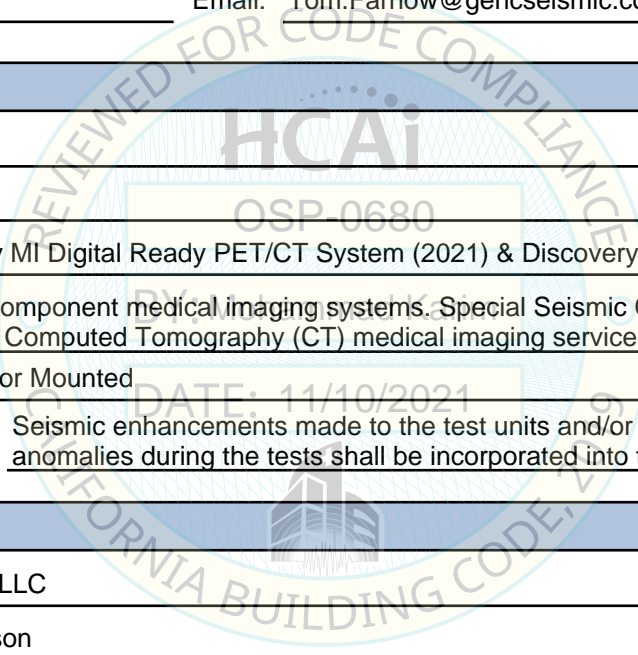
Contact Person: Jonathan Roberson

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

Telephone: (909) 606-7622

Email: jon@easeco.com

Title: Principal Engineer





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

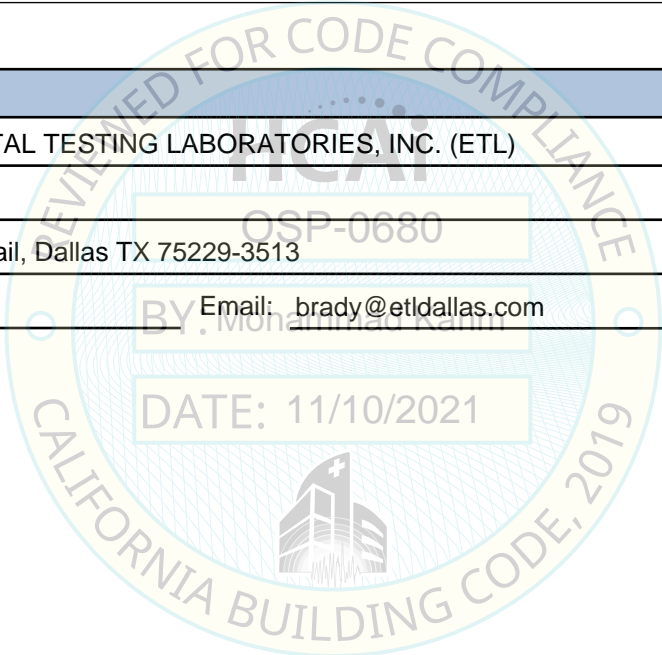
Company Name: EASE  
Name: Jonathan Roberson California License Number: S4197  
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709  
Telephone: (951) 295-1892 Email: jon@EASECo.com

**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: Brady Richard  
Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513  
Telephone: (972) 247-9657 Email: brady@etldallas.com





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**Seismic Parameters**

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

SDS (Design spectral response acceleration at short period, g) = 1.52

$a_p$  (Amplification factor) = See Attachment 1, Table 1 & Table 2.

$R_p$  (Response modification factor) = See Attachment 1, Table 1 & Table 2.

$\Omega_0$  (System overstrength factor) = 2.0

$I_p$  (Importance factor) = 1.5

$z/h$  (Height ratio factor) = 1

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

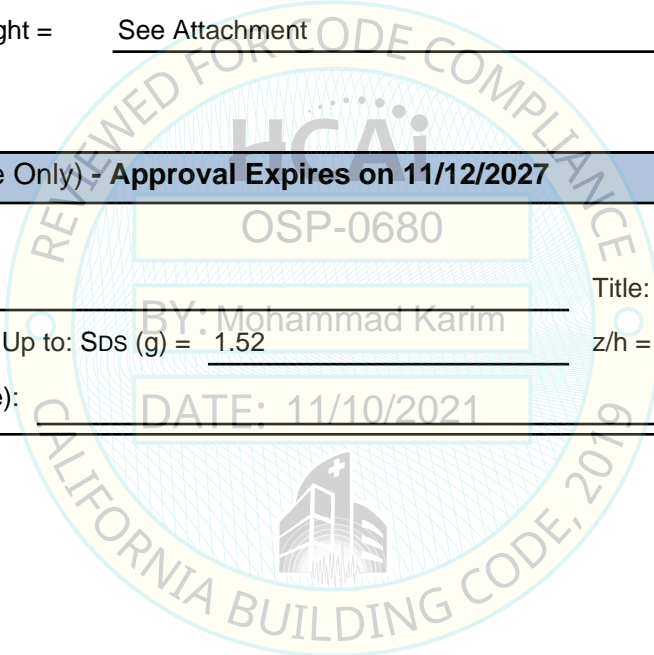
**HCAI Approval (For Office Use Only) - Approval Expires on 11/12/2027**

Date: 11/10/2021

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = 1.52 z/h = 1

Condition of Approval (if applicable): DATE: 11/10/2021



**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

**TABLE 1:**

System Mfr.	GE HEALTHCARE										<b>S<sub>DS</sub> = 1.52</b>	
System	Discovery MI Digital Ready PET/CT System (2021)										<b>z/h = 1</b>	
SYSTEM COMPONENTS	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT <sup>[2]</sup>	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	a <sub>P</sub>	R <sub>P</sub>	Ω <sub>0</sub>	
		W	D	H								
<b>PET-CT GANTRIES</b>												
<i>Discovery MI Digital Ready PET-CT Gantry</i> <sup>[4]</sup>												
Revolution EVO CT Gantry, PET Specific	5454001-170	77.4	93.59	76	3940	Floor	UUT1601-1	1.82	1	1 ½	2	
25cm Columbia PET Gantry	5990025				3915							
<i>Discovery MI Digital Ready PET-CT Gantry</i> <sup>[4]</sup>												
Revolution EVO CT Gantry, PET Specific	5454001-170	87	70	76	3940	Floor	INT	1.82	1	1 ½	2	
Blackbird PET Gantry	5986030				3985							
<i>Discovery 610 PET-CT Gantry</i>												
BrightSpeed Elite CT Gantry, PET Specific	5144691-16	87	103	76	3887	Floor	UUT1216-1	1.82	1	1 ½	2	
Optima CT 660 Gantry, PET Specific	5856010				4217							
<b>PATIENT TABLES</b>												
PROSCAN Patient Table	5101900	26	136	22 / 42	1808 <sup>[3]</sup>	Floor	UUT10390-3	1.82	1	1 ½	2	
Mobile Ready Global PET-CT Table Ed3	5101900-20	26	136	22 / 42	1808	Floor	SAME	1.82	1	1 ½	2	
<b>CONSOLES</b>												
Console Assembly (HDe6)	5940904-10	15.7	26.4	22.7	138	Floor	UUT1805-2	1.10	1	2 ½	2	
Revolution EVO Open Console, WSO	5946404-21	15.7	26.4	22.7	138	Floor	SAME	1.10	1	2 ½	2	
Revolution Frontier Open Console	5940904-12	15.7	26.4	22.7	142.2	Floor	UUT1818-1	1.10	1	2 ½	2	
Operator Console – Z8G4	5946404-22	15.7	26.4	22.7	142.2	Floor	SAME	1.10	1	2 ½	2	
Revolution EVO Open Console w/ Z8G4	5946404-21_Z8G4	15.7	26.4	22.7	142.2	Floor	SAME	1.10	1	2 ½	2	
<b>POWER DISTRIBUTION</b>												
PDU	2326492-61	27.6	21.7	41.8	818	Floor	UUT1313-2	1.10	1	2 ½	2	
NOTES	<ol style="list-style-type: none"> <li>BASIS: <ul style="list-style-type: none"> <li>UUT#: Indicates that a unit matching these characteristics was tested as part of this testing program.</li> <li>SAME: Model is physically, mechanically &amp; electrically the same as test specimen. Difference is limited to model number, color and/or software.</li> <li>INT (Interpolate/Extrapolate): indicates a model not specifically tested, and by which seismic certification is established through evaluation of testing of other, similar models in the product line.</li> </ul> </li> <li>MOUNT <ul style="list-style-type: none"> <li>Floor (Rigid Base) Mount: free-standing, base-mounted tower configuration with the component rigidly attached to a supporting structure and no lateral support above the base.</li> </ul> </li> <li>Patient Table weight does not include the 300 lb. simulated patient load present during testing.</li> <li>PET-CT Gantry requires the use of Seismic Option Collector 5737048</li> <li>Seismic certification is limited to functions related to Computed Tomography (CT) for diagnostic assessment of trauma.</li> <li><i>Gray italic formatting indicates unit is not a component of system and is included only to provide a basis for seismic qualification of a similar system component.</i></li> </ol>											

**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

**TABLE 2:**

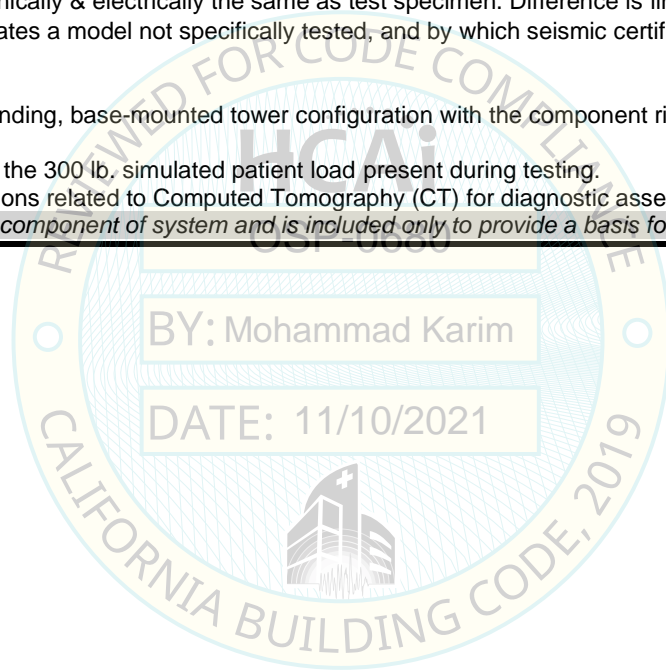
System Mfr.	GE HEALTHCARE										<b>S<sub>DS</sub> = 1.52</b>	
System	Discovery IQ PET/CT System (2021)										<b>z/h = 1</b>	
SYSTEM COMPONENTS	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT <sup>[2]</sup>	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	a <sub>P</sub>	R <sub>P</sub>	Ω <sub>0</sub>	
		W	D	H								
<b>PET-CT GANTRIES</b>												
Discovery IQ PET-CT Gantry												
Optima CT-540 Gantry, PET Specific	5432539-22	89	101	76	3887	Floor	UUT1612-1	1.82	1	1 ½	2	
25cm Odyssey PET Gantry	5900025-20				3500							
Discovery IQ PET-CT Gantry												
Optima CT-540 Gantry, PET Specific	5432539-22	89	101	76	3887	Floor	INT	1.82	1	1 ½	2	
20cm Odyssey PET Gantry	5900020-20				3450							
Discovery IQ PET-CT Gantry												
Optima CT-540 Gantry, PET Specific	5432539-22	89	101	76	3887	Floor	INT	1.82	1	1 ½	2	
15cm Odyssey PET Gantry	5900015-20				3400							
Discovery IQ PET-CT Gantry												
Optima CT-540 Gantry, PET Specific	5432539-22	89	101	76	3887	Floor	INT	1.82	1	1 ½	2	
10cm Odyssey PET Gantry	5900010-20				3350							
Discovery IQ PET-CT Gantry												
Optima Elite CT Gantry, PET Specific	5432539-20	77.4	93.59	76	3887	Floor	UUT1409-1	1.82	1	1 ½	2	
25cm Columbia PET Gantry	5990025				3800							
<b>PATIENT TABLES</b>												
PROSCAN Patient Table	5101900	26	136	22 / 42	1808 <sup>[3]</sup>	Floor	UUT10390-3	1.82	1	1 ½	2	
Mobile Ready Global PET-CT Table Ed3	5101900-20	26	136	22 / 42	1808	Floor	SAME	1.82	1	1 ½	2	
<b>CONSOLES</b>												
Open console (HP Z8G4)	5946404-15	15.8	26.4	22.7	142	Floor	UUT1914-2	1.10	1	2 ½	2	
Open console (HP Z8G4)	5941604-26	15.8	26.4	22.7	142	Floor	SAME	1.10	1	2 ½	2	
Open console (HP Z8G4)	5941604-23	15.8	26.4	22.7	142	Floor	SAME	1.10	1	2 ½	2	
Open console (HP Z8G4)	5411378-12_Z8G4	15.8	26.4	22.7	142	Floor	SAME	1.10	1	2 ½	2	
<b>POWER DISTRIBUTION</b>												
NGPDU-71	2326492-71	27.6	21.7	41.8	813	Floor	UUT1308-2	1.10	1	2 ½	2	

Table continues next page

**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

**TABLE 2:**

System Mfr.	<b>GE HEALTHCARE</b>	<b>S<sub>DS</sub> = 1.52</b> <b>z/h = 1</b>
System	<b>Discovery IQ PET/CT System (2021)</b>	
NOTES	<p>1. BASIS:</p> <ul style="list-style-type: none"> <li>• UUT#: Indicates that a unit matching these characteristics was tested as part of this testing program.</li> <li>• SAME: Model is physically, mechanically &amp; electrically the same as test specimen. Difference is limited to model number, color and/or software.</li> <li>• INT (Interpolate/Extrapolate): indicates a model not specifically tested, and by which seismic certification is established through evaluation of testing of other, similar models in the product line.</li> </ul> <p>2. MOUNT:</p> <ul style="list-style-type: none"> <li>• <u>Floor (Rigid Base) Mount</u>: free-standing, base-mounted tower configuration with the component rigidly attached to a supporting structure and no lateral support above the base.</li> </ul> <p>3. Patient Table weight does not include the 300 lb. simulated patient load present during testing.</p> <p>4. Seismic certification is limited to functions related to Computed Tomography (CT) for diagnostic assessment of trauma.</p> <p><i>Gray italic formatting indicates unit is not a component of system and is included only to provide a basis for seismic qualification of a similar system component.</i></p>	



**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

<b>UUT1601-1 Discovery MI Digital Ready PET-CT Gantry</b>						
<i>Manufacturer:</i>		GE Healthcare				
<i>Identification:</i>		CT	PET			
Model No.:		5454001-170	5990025			
Serial No.:		10002	10002			
<i>Description:</i>		System component of the Discovery PET-CT System: The tested configuration included both a PET gantry and a CT gantry in a complete PET-CT assembly.  Functionality verification was limited to functions related to CT imaging.  Tested with enhancements to the standard production model that are included in Seismic Option Collector 5737048.				
<i>Mounting:</i>		<u>Rigid Base (Floor) mounted using</u> (11) – 5/8" dia GR 8 bolts.				
<b>Dimensions (in.)</b>				<b>Lowest Resonant Frequency (Hz.)</b>		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
77.4	93.59	76	7855	8.6	8.1	14.7
<b>ICC-ES AC156 Shake Table Test Parameters</b>						<b>Code: 2019 CBC</b>
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.0	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and remained functional per manufacturer requirement.						



<b>UUT1216-1 Discovery 610 PET-CT Gantry</b>						
<i>Manufacturer:</i>		GE Healthcare				
<i>Identification:</i>		PET Model: 5856010		CT Model 5144691-16		
		PET S/N: 12658PT1		CT S/N: 256315HM3		
<i>Description:</i>		System component of the Discovery 610 PET/CT System: <ul style="list-style-type: none"> <li>BrightSpeed Elite CT Gantry (Brightspeed MERI)</li> <li>Discovery 610 PET Gantry</li> </ul> The tested configuration included both a PET gantry and a CT gantry in a complete PET-CT assembly.  Functionality verification was limited to functions related to CT imaging.				
<i>Mounting:</i>		<u>Rigid Base (Floor) Mounted using</u> (4) – 5/8" Dia Gr, 8 bolts to interface frame (CT) (6) – 5/8" Dia Gr, 8 bolts to interface frame (PET) (10 anchors total)				
<b>Dimensions (in.)</b>				<b>Lowest Resonant Frequency (Hz.)</b>		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
87	103	76	8,039	6.8	8.3	9.5
<b>ICC-ES AC156 Shake Table Test Parameters</b>						<b>Code: 2019 CBC</b>
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.0	1	1.5	3.2	2.4	1.74	0.70
2.6	0					
Unit satisfied AC156 requirements for structural integrity and remained functional per manufacturer requirement.						



**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

UUT10390-3 PROSCAN Patient Table						
<i>Manufacturer:</i>		GE Healthcare				
<i>Identification:</i>		P/N: 5101900				
		S/N: 176453HM9				
<i>Description:</i>		System component of several GEHC PET/CT systems. Tested as component of Discovery PET/CT 690 System				
<i>Mounting:</i>		Rigid Base (Floor) Mounted using (4) - 5/8" diameter SAE J429 Grade 8 bolts to interface plate.				
<b>Dimensions (in.)</b>				<b>Lowest Resonant Frequency (Hz.)</b>		
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Vert-Axis
25.6	135.8	22 / 42	1808	---*	5.3	>33
<b>ICC-ES AC156 Shake Table Test Parameters</b>						<b>CODE: 2019 CBC</b>
S <sub>Ds</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
1.52	1	1.5	2.43	1.82	1.02	0.41
Unit satisfied AC156 requirements for structural integrity and remained functional per manufacturer requirement.						





UUT1805-2 Console Assembly (HDe6): 11/10/2021						
<i>Manufacturer:</i>		GE Healthcare				
<i>Identification:</i>		Model No.: 5940904-10 Serial No.: HDe60_002				
<i>DESCRIPTION:</i>		Component of the Revolution Frontier CT system. Open style console HP Z840 Computer				
<i>Description:</i>		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) - (1) – 3/8" dia. ASTM A574 Socket Head Cap Screw w/ washer.				
<b>DIMENSIONS (in.)</b>				<b>LOWEST RESONANT FREQUENCY (Hz.)</b>		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
15.7	26.4	22.7	138	14.46	30.24	35.92
<b>ICC-ES AC156 SHAKE TABLE TEST PARAMETERS</b>						<b>CODE: 2019 CBC</b>
S <sub>Ds</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (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 remained functional per manufacturer requirement.						







**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

<b>UUT1818-1 Console Assembly</b>						
<i>Manufacturer:</i> GE Healthcare						
<i>Identification:</i> Model No.: 5940904-12 Serial No.: 460049CN1						
<i>Description:</i> Component of the Revolution Frontier CT System. HP Z8 Computer mounted in an open style console.						
<i>Mounting:</i> <u>Rigid Base (Floor) mounted using:</u> 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	48.65
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2019 CBC
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (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 remained functional per manufacturer requirement.						

<b>UUT1313-2 NGPDU-61</b>						
<i>Manufacturer:</i> GE Hangwei Medical Systems CO., LTD						
<i>Identification:</i> Model No.: 2326492-61 Serial No.: 322132HM2						
<i>Description:</i> System component of several GEHC CT systems. Tested as component of Optima CT580 System.						
<i>Mounting:</i> <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) – M10-1.5 X25mm Class 12.9 Socket Head Cap Screw, Black Oxide (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	796 + 22 brackets = 818	15.7	19.9	45
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2019 CBC
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.0 2.6	1.0 0.0	1.5	3.20	2.40	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and remained functional per manufacturer requirement.						

**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

<b>UUT1612-1 Discovery IQ PET-CT Gantry</b>								
<i>Manufacturer:</i> GE Healthcare								
<i>Identification:</i>		CT Gantry	PET Gantry					
<i>Model:</i>		5432539-22	5900025-20					
<i>Serial:</i>		441940HM4						
<i>Description:</i> System component of the Discovery IQ PET-CT System. The tested configuration included both a PET gantry and a CT gantry in a complete PET-CT assembly.  Functionality verification was limited to functions related to CT imaging.								
<i>Mounting:</i> <u>Rigid Base (Floor) mounted using</u> (10) – 5/8" dia GR 8 bolts.								
Dimensions (in.)				Lowest Resonant Frequency (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis		
89	101	76	7387	10.4	9.0	21.0		
ICC-ES AC156 Shake Table Test Parameters						Code: 2019 CBC		
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (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 remained functional per manufacturer requirement.								

<b>UUT1409-1 Discovery IQ PET-CT Gantry</b>								
<i>Manufacturer:</i> GE Healthcare								
<i>Identification:</i>		PET Model: 5900025	CT Model 5432539-20					
		PET S/N: 13465PT0	CT S/N: 256329HM4					
<i>Description:</i> System Component of the Discovery IQ PET-CT System: <ul style="list-style-type: none"> <li>• Optima Elite CT-540 Gantry</li> <li>• 25cm Comet PET Gantry</li> </ul> The tested configuration included both a PET gantry and a CT gantry in a complete PET-CT assembly.  Functionality verification was limited to functions related to CT imaging.								
<i>Mounting:</i> <u>Rigid Base (Floor) mounted using</u> (12) – 5/8" dia GR 8 hex head bolts to interface frame.								
Dimensions (in.)				Lowest Resonant Frequency (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis		
77.4	93.59	76	7687	7.4	8.8	8.9		
ICC-ES AC156 Shake Table Test Parameters						Code: 2019 CBC		
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (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 remained functional per manufacturer requirement.								

**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

<b>UUT 1914-2 Open Console w/ Z8G4</b>						
<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>		<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.				
<b>Dimensions (in.)</b>				<b>Lowest Resonant Frequency (Hz.)</b>		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vertical-Axis
15.8	26.4	22.7	141.5 w/ brackets	14.6	30.1	26.2
<b>ICC-ES AC156 Shake Table Test Parameters</b>						<b>Code: 2016 CBC</b>
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (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 remained functional per manufacturer requirement.						



<b>UUT1308-2 NGPDU-71</b>						
<i>Manufacturer:</i>		GE Healthcare				
<i>Identification:</i>		Model No.: 2326492-71				
<i>Description:</i>		System component of the Optima CT540 / CT540+, Discovery NM/CT 670 Pro and Discovery NM/CT 670 CZT.				
<i>Mounting:</i>		<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)				
<b>Dimensions (in.)</b>				<b>Lowest Resonant Frequency (Hz.)</b>		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
27.6	21.7	41.8	813	17.2	15.6	32.6
<b>ICC-ES AC156 SHAKE TABLE TEST PARAMETERS</b>						<b>CODE: 2019 CBC</b>
S <sub>DS</sub> (G)	z/h	I <sub>p</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.0 2.6	1.0 0.0	1.5	3.20	2.40	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and remained functional per manufacturer requirement.						

