



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD SPECIAL SEISMIC  
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP – 0423 – 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](mailto:Tom.Farnow@gehcseismic.com)

Product Information

Product Name: Revolution Discovery CT System; Revolution Frontier CT System

Product Type: Computed Tomography (CT) system

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 Revolution Discovery CT System identified in Attachment 1.

Mounting Description: Rigid Floor Mount

Applicant Information

Applicant Company Name: EASE Co.


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](mailto: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.

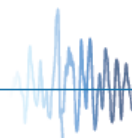
Signature of Applicant: 

Date: January 16, 2019

Title: Principal Structural Engineer

Company Name: EASE Co.

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





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
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**California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)**

Company Name: EASE Co.  
Name: Jonathan Roberson, S.E. California License Number: S4197  
Mailing Address: 5877 Pine Ave, Suite 210, Chino Hills, CA. 91709  
Telephone: (909) 606-7622 Email: [j.roberson@easeco.com](mailto:j.roberson@easeco.com)

**Supports and Attachments Preapproval**

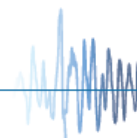
- ☐ Supports and attachments are preapproved under OPM-  
(Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)
- ☒ Supports and attachments are not preapproved

**Certification Method**

- ☒ Testing in accordance with: ☒ ICC-ES AC156  
☐ Other (Please Specify): OSP-0423-10  
BY: Timothy J. Piland  
DATE: 07/12/2019

**Testing Laboratory**

Company Name: Environmental Testing Laboratory, Inc.  
Contact Name: Brady Richard  
Mailing Address: 11034 Indian Trail, Dallas, TX. 75229-3513  
Telephone: (972) 247-9657 Email: [brady@etldallas.com](mailto:brady@etldallas.com)





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**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

$\Omega_0$  (System overstrength factor) = 1½ (Gantry & Tables) / 2½ (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) = OSP-0423-10

$\Omega_0$  (System overstrength factor) = \_\_\_\_\_

$C_d$  (Deflection amplification factor) = BY: Timothy J. Piland

$I_p$  (Importance factor) = 1.5

Height to Center of Gravity above base = DATE: 07/12/2019

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

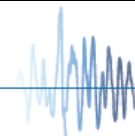
**OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2022**

Signature: Timothy J. Piland Date: July 12, 2019

Print Name: Timothy J. Piland Title: SSE

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

Condition of Approval (if applicable): \_\_\_\_\_



**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

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**TABLE 1:**

Manufacturer	GE HEALTHCARE												
System	REVOLUTION DISCOVERY CT SYSTEM												
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω <sub>0</sub>
		W	D	H									
GANTRIES													
Revolution Discovery CT (CT HDe4) Gantry	5232083-100	89.3	40.5	75.6	4095	Floor	UUT 12144101-1	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
PATIENT TABLES													
GT1700V	5122080-11	25.6	93.3	19.2 / 41.2	1059 <sup>[2]</sup>	Floor	UUT 12112601-2	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
GT1700 N9 ED3	5122080-4	25.6	93.3	19.2 / 41.2	1059	Floor	INT						
GT2000X	5380966	25.6	114.5	18.3 / 41.3	1288	Floor	INT						
GT2000 N9	5121647-3	25.6	114.5	19.2 / 41.3	1146	Floor	UUT 12140801-4						
GT2000 N9 ED3 Assy	5121647-4	25.6	114.5	18.3 / 41.3	1146	Floor	SAME						
CONSOLES													
Console Assembly – GOC6.6	5212920-150	48.74	46.54 / 54.74	26.7 / 34.7	405	Floor	UUT 12131201-1	1.50 1.13	2.0 2.5	1.0 0.0	2 ½	6	2
NIO HD64 Console	5212920-186	18.5	29	25.8	163	Floor	UUT 12180501-3	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2
NIO HD64 Console	5212920-185	18.5	29	25.8	163	Floor	SAME	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2
POWER DISTRIBUTION (PDU)													
PDU (NGPDU-61)	2326492-61	27.6	21.7	41.8	818	Floor	UUT 12131301-2	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
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	<div>1. BASIS:<ul style="list-style-type: none"><li>• UUT#: Indicates that a test specimen 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, software and/or GE manufacturing location.</li><li>• 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.</li></ul></div> <div>2. 1700V Patient Table weight does not include the 350 lb. simulated patient load present during testing.</div> <div>3. GT 2000 Patient Table weight does not include the 550 lb. simulated patient load present during testing.</div> <div>4. All components listed above are manufactured by GE Healthcare unless otherwise noted.</div>												

**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

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**TABLE 2:**


Manufacturer	GE HEALTHCARE												
System	REVOLUTION FRONTIER CT SYSTEM												
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>p</sub> /W <sub>p</sub>	S <sub>DS</sub>	z/h	a <sub>p</sub>	R <sub>p</sub>	Ω <sub>0</sub>
		W	D	H									
GANTRIES													
Revolution Frontier Gantry (HDe6)	5232085-203	88.7	41.6	74.8	4061	Rigid Base	UUT 12180501-1	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
Revolution Frontier Gantry (HDe6)	5232085-202	88.7	41.6	74.8	4061	Rigid Base	SAME	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
PATIENT TABLES													
GT1700V	5122080-11	25.6	93.3	19.2 / 41.2	1059 <sup>[2]</sup>	Floor	UUT 12112601-2	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
GT1700 N9 ED3	5122080-4	25.6	93.3	19.2 / 41.2	1059	Floor	INT <sup>[3]</sup>						
GT2000X	5380966	25.6	114.5	18.3 / 41.3	1288	Floor	INT <sup>[3]</sup>						
GT2000 N9 ED3 Assy	5121647-4	25.6	114.5	18.3 / 41.3	1146	Floor	SAME <sup>[3]</sup>						
CONSOLES													
Console Assembly (HDe6)	5940904-10	15.7	26.4	22.7	138	Rigid Base	UUT 12180501-2	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2
Console Assembly (HDe6)	5940904	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
Console Assembly	5940904-12	15.7	26.4	22.7	142.2	Rigid Base	UUT 1218181-1	1.44 1.13	2.0 2.5	1.0 0.0	1	2 ½	2
Console Assembly	5940904-20	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
POWER DISTRIBUTION (PDU)													
PDU (NGPDU-61)	2326492-61	27.6	21.7	41.8	818	Floor	UUT 12131301-2	1.44 1.13	2.0 2.5	1 0	1	2 ½	2 ½
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	1. BASIS: <ul style="list-style-type: none"><li>UUT#: Indicates that a test specimen 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, software and/or GE manufacturing location.</li><li>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.</li></ul> 2. 1700V Patient Table weight does not include the 350 lb. simulated patient load present during testing. 3. See Table 1 4. All components listed above are manufactured by GE Healthcare unless otherwise noted.												



**ATTACHMENT 2: TEST SPECIMEN SUMMARY**


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<b>UUT 12144101-1 Revolution Discovery CT Gantry (CT HDe4)</b>									
<b>MANUFACTURER:</b>		GE Healthcare							
<b>IDENTIFICATION:</b>		Model No.: 5232083-100 Serial No.: STOENG037G							
<b>DESCRIPTION:</b>		System component of Revolution Discovery CT System							
<b>MOUNTING:</b>		Floor mounted using (4) - 5/8" dia GR 8 bolts through leveling feet.							
									
<b>PROPERTIES:</b>									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		Front-Axis	Side-Axis	Vert-Axis		
89.3	40.5	75.6	4095		5.0	7.1	15.7		
<b>SHAKE TABLE TEST PARAMETERS</b>									
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>	
CBC 2016	ICC-ES AC156-15	2.0 2.5	1.0 0.0	1.5 1.0	3.2	2.4	1.68	0.68	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test									

<b>UUT 12112601-2 GT1700V Table</b>									
<b>MANUFACTURER:</b>		GE Hangwei Medical Systems CO., LTD.							
<b>IDENTIFICATION:</b>		Model No.: 5122080-11							
<b>DESCRIPTION:</b>		System component of the <b>Optima CT660 System</b> Test specimen included a simulated patient load of 350 lb.							
<b>MOUNTING:</b>		Rigid Base (Floor) mounted using (4) – 5/8" dia. hex head bolts to interface plate.							
									
<b>PROPERTIES:</b>									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		Transverse-Axis	Longitudinal-Axis	Vertical-Axis		
25.6	93.3	19.2 / 41.2	1059+ 350 Patient		3.9	15.2	14.2		
<b>SHAKE TABLE TEST PARAMETERS</b>									
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>	
CBC 2016	ICC-ES AC156-15	2.0 2.6	1.0 0.0	1.5	3.2	2.40	1.74	0.70	
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test									

**ATTACHMENT 2: TEST SPECIMEN SUMMARY**


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<b>UUT 12140801-4 GT2000 Patient Table</b>								
<b>MANUFACTURER:</b>	GE Hangwei Medical Systems CO. LTD.							
<b>IDENTIFICATION:</b>	Model No.: 5121647-3							
<b>DESCRIPTION:</b>	System Component of the LightSpeed VCT System GT2000 N9 Patient Table Test specimen included a simulated patient load of 550 lb. Seismic Kit							
<b>MOUNTING:</b>	Floor: (4) – 5/8" dia GR 8 bolts w/ GEHC supplied patient table foot assembly.							
								
<b>PROPERTIES:</b>								
<b>DIMENSIONS (in.)</b>			<b>LOWEST RESONANT FREQUENCY (Hz.)</b>					
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vertical-Axis		
25.6	114.5	19.2 / 41.3	1146+550 Patient	7.1	2.7	5.7		
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156-15	2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								

<b>UUT 12131201-1 GOC6.6 Console</b>								
<b>MANUFACTURER:</b>	General Electric Company							
<b>IDENTIFICATION:</b>	Model No.: 5212920-150							
<b>DESCRIPTION:</b>	System component of the Discovery CT750 HD System							
<b>MOUNTING:</b>	Floor mounted using (4) – 3/8" dia. socket head bolts through GEHC supplied mounting brackets to aluminum interface plate.							
								
<b>PROPERTIES:</b>								
<b>DIMENSIONS (in.)</b>			<b>Weight (lb.)</b>	<b>LOWEST RESONANT FREQUENCY (Hz.)</b>				
Width	Depth	Height	Weight (lb.)	Side -Axis	Front-Axis	Vertical-Axis		
48.74	46.54 / 54.74	26.7 / 34.7	405	6.2	17.3	22.9		
<b>SHAKE TABLE TEST PARAMETERS</b>								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156-15	2.0 2.6	1.0 0.0	1.5	3.2	2.40	1.74	0.70
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								

## ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT 12131301-2      Power Distribution Unit								
MANUFACTURER:		GE Hangwei Medical Systems CO., LTD						
IDENTIFICATION:		Model No.: 2326492-61						
DESCRIPTION:		System component of the Optima CT580 System						
MOUNTING:		Floor mounted using (4) – 3/8" dia. socket head bolts through GEHC supplied mounting brackets to aluminum interface plate.						
								
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vertical-Axis		
27.6	21.7	41.8	796+22 brackets	15.7	19.9	45		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156-15	2.0 2.6	1.0 0.0	1.5	3.2	2.40	1.74	0.70
Unit maintained structural integrity and functionality after the ICC-ES AC 156 test								


UUT 12180501-1										Revolution Frontier Gantry (HDe6)									
MANUFACTURER:										GE Healthcare									
IDENTIFICATION:										Model No.: 5232085-203 Serial No.: HDE6G – 002									
DESCRIPTION:										Component of the Revolution Frontier CT system. Revolution Gantry (HDe6) Configured with seismic options.									
MOUNTING:										<u>Rigid Base (Floor) Mounted using</u> (4) – 5/8" diameter SAE J429 Grade 8 bolts to fixture plate.									
																			
DIMENSIONS (in.)						Weight (lb.)		LOWEST RESONANT FREQUENCY (Hz.)											
Width		Depth		Height				Longit -Axis		Transv-Axis		Vert-Axis							
88.7		41.6		74.8		4061 GE Reported 4141 Measured		9.18		9.18		7.18							
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS														CODE: 2016 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 manufacturer requirements for functionality after AC156 test.																			



## ATTACHMENT 2: TEST SPECIMEN SUMMARY


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<b>UUT 12180501-2 Console Assembly (HDe6)</b>						
<b>MANUFACTURER:</b> GE Healthcare						
<b>IDENTIFICATION:</b> Model No.: 5940904-10 Serial No.: HDe60_002						
<b>DESCRIPTION:</b> Component of the Revolution Frontier CT system. Open style console HP Z840 Computer						
<b>MOUNTING:</b> <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 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> CODE: 2016 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

<b>UUT 12180501-3 NIO HD64 Console</b>						
<b>MANUFACTURER:</b> GE Healthcare						
<b>IDENTIFICATION:</b> Model No.: 5212920-186 Serial No.: HDe6BO_001						
<b>DESCRIPTION:</b> Component of the Revolution Discovery CT system. NIO style console						
<b>MOUNTING:</b> <u>Rigid Base (Floor) mounted using:</u> GE console to floor mounting assembly (4 locations total): Console Anti Seismic Bracket (P/N 5357148) each w/ - (2) – M6 x 16 10.9 Class bolts (Torque=7.9 N-m) (P/N 2262896-2) - (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
18.5	29	25.8	162.5	14.77	18.32	18.5
<b>ICC-ES AC156 SHAKE TABLE TEST PARAMETERS</b> CODE: 2016 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

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<b>UUT 1218181-1 Console Assembly</b>						
<b>MANUFACTURER:</b> GE Healthcare						
<b>IDENTIFICATION:</b> Model No.: 5940904-12 Serial No.: 460049CN1						
<b>DESCRIPTION:</b> Component of the Revolution Frontier CT System. HP Z8 Computer mounted in an open style console.						
<b>MOUNTING:</b> 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.						
<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	142.2	15.12	34.41	48.65
<b>ICC-ES AC156 SHAKE TABLE TEST PARAMETERS</b>						
<b>CODE: 2016 CBC</b>						
<b>S<sub>DS</sub> (G)</b>	<b>z/h</b>	<b>I<sub>p</sub></b>	<b>A<sub>FLX-H</sub> (G)</b>	<b>A<sub>RIG-H</sub> (G)</b>	<b>A<sub>FLX-V</sub> (G)</b>	<b>A<sub>RIG-V</sub> (G)</b>
2.0	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

DATE: 07/12/2019