



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0394

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@gehseismic.com

Product Information

Product Name: CT Systems

Product Type: NA

Product Model Number: See Attachment 1

General Description: Revolution CT / Revolution CT ES / Revolution Apex / Revolution Apex Elite / Revolution Apex Plus / Revolution Apex Select systems. Multiple-component Computed Tomography (CT) medical diagnostic imaging systems.

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

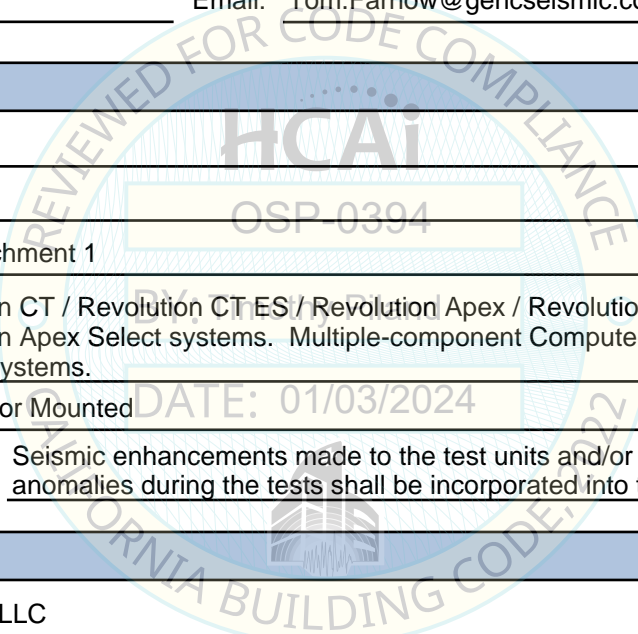
Contact Person: Jonathan Roberson

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

Telephone: (406) 541-3273

Email: j.roberson@easeco.com

Title: Principal Engineer





**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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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): _____

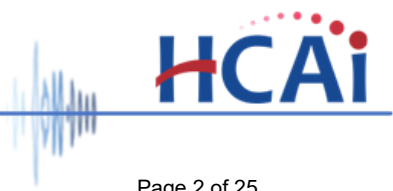
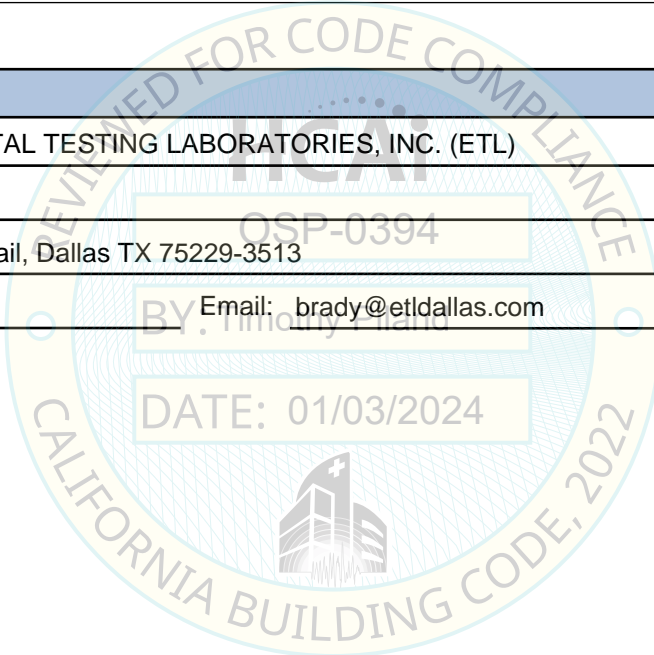
Testing Laboratory

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

Contact Person: 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 Attachment 1, Table 7
SDS (Design spectral response acceleration at short period, g) =	2.0 @ z/h = 1; 2.5 @ z/h = 0
a_p (Amplification factor) =	See Attachment 1, Table 7
R_p (Response modification factor) =	See Attachment 1, Table 7
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 01/03/2030

Date:	1/3/2024	OSP-0394	
Name:	Timothy Piland	BY: Timothy Piland	Title: Senior Structural Engineer
Special Seismic Certification Valid Up to: SDS (g) =	See Above	z/h =	See Above
Condition of Approval (if applicable):	DATE: 01/03/2024		

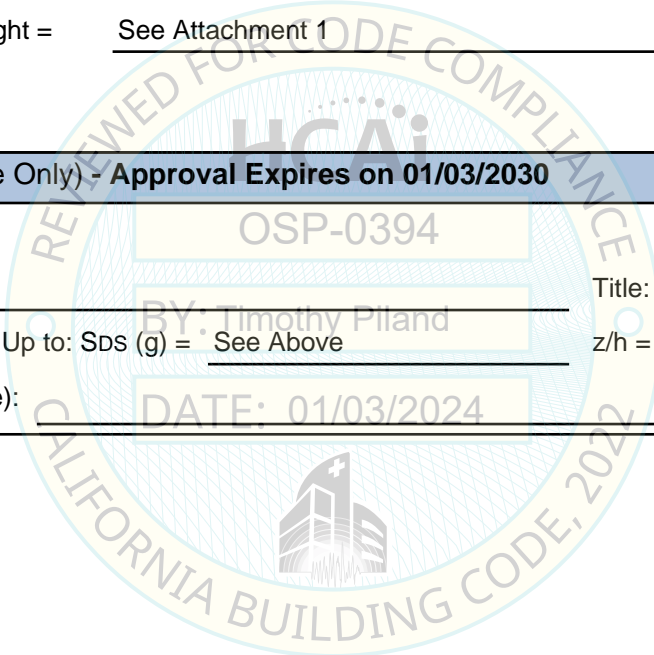


TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

Manufacturer		GE HEALTHCARE				S _{DS} = 2.0 at z/h = 1 S _{DS} = 2.5 at z/h = 0		
System		REVOLUTION CT						
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB)	MOUNT	BASIS ^[1]	
		W	D	H				
GANTRIES ^[7]								
Revolution CT Gantry	5590000	93.1	56.2	78.9	6335	Floor	UUT-1406-1	
Revolution CT Gantry	5590000-2	93.1	56.2	78.9	6335	Floor	SAME	
Revolution CT Gantry	5590000-6	93.1	56.2	78.9	6335	Floor	UUT-C1522-1	
Revolution CT Gantry	5590000-7	93.1	56.2	78.9	6335	Floor	SAME	
PATIENT TABLES ^[7]								
NG 2000 Table	5201910	24	114	30	1760 ^[2]	Floor	UUT-1406-2	
NG 2000 Table	5201910-2	24	114	30	1760	Floor	SAME	
NG 2000 Table	5201910-6	24	114	30	1760 ^[3]	Floor	UUT-A1440-2	
NG2000V Patient Table	5765282	24	130	49	1576 ^[3]	Floor	UUT-F1807-2	
NG1700V Patient Table	5786623	24	118	49	1523 ^[3]	Floor	UUT-F1807-3	
NG2000SV Table	5999992	23.7	130.8 - 207.2	28.2 - 51.0	1554 ^[3]	Floor	UUT-L2319-1	
NG1700SV Table	5998988	23.7	119.0 - 186.6	28.2 - 51.0	1509 ^[3]	Floor	UUT-L2319-2	
CONSOLES								
Scanner Desktop Assembly	5480177	18.5	28.4	25.8	157	Floor	UUT-1406-3	
Scanner Desktop Assembly (HP Z420)	5641778	18.5	29.0	25.8	135	Floor	UUT-B1511-1	
Open Console (HP Z420)	5737200	14.57	21.85	22.75	105	Floor	UUT-D1606-1	
Open Console (HP Z440)	5737200-5	14.65	22.28	22.5	105	Floor	UUT-E1707-2	
Scanner Desktop III (Open Console)	5737200-10	14.8	19.9	22.7	106	Floor	UUT-G1917-1	
Scanner Desktop IV (Standalone Console)	5737200-25	18.1	19.7	20.8	78	Floor	UUT-H2208-3	
SYSTEM CABINETS								
Rev System Cabinet (Avnet Technologies Solutions)	6161000	25	48	59	701 ^[4]	Floor	UUT-1406-4	
Revo System Cabinet	6162000	24	48.42	55.71	659	Floor	UUT-A1440-1	
System Cabinet	6163000	24	48.42	55.71	706	Floor	UUT-C1522-2	
System Cabinet	6163000-2	24	48.42	55.71	706	Floor	SAME	
System Cabinet IV	6164000	24	50.9	55.8	736 ^[6]	Floor	UUT-F1807-6	
System Cabinet VII	6165000	24.5	45.8	31.5	411	Floor	UUT-J2218-1	
POWER DISTRIBUTION								
Power Distribution Unit	2326492-61	27.6	21.7	41.8	818	Floor	UUT-1313-2	
Power Distribution Unit	2326492-91	27.6	21.7	41.8	955 ^[6]	Floor	UUT-F1807-4	
Power Distribution Unit	2326492-92	27.6	21.7	41.8	1094 ^[6]	Floor	UUT-K2306-1	
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.							
Notes	<ol style="list-style-type: none"> BASIS: <ul style="list-style-type: none"> UUT#: Identifies a tested configuration (see Attachment 2: Test Specimen Summary for additional information). SAME: Component is physically, mechanically & electrically identical to a tested configuration. Difference is limited to model number, color, or software. Patient Table weight does not include the 500 lb simulated patient load present during testing. Patient Table weight does not include the 675 lb simulated patient load present during testing. Weight of System Cabinet does not include 10lb weight of brackets used to anchor the test specimen. All components listed above are manufactured by GE Healthcare unless otherwise noted. Installed weight including seismic mounting brackets. 							

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

<i>Manufacturer</i>		GE HEALTHCARE			S_{DS} = 2.0 at z/h = 1 S_{DS} = 2.5 at z/h = 0		
<i>System</i>		REVOLUTION CT					
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB)	MOUNT	BASIS ^[1]
		W	D	H			
	7.	Requires use of GE mounting kit (Catalog No. B7919BS or equivalent)					
	8.	Requires use of GE mounting kit (Catalog No. B7919VR or equivalent)					
	9.	Requires the use of Seismic Kit: Catalog No. B7919WP or equivalent					

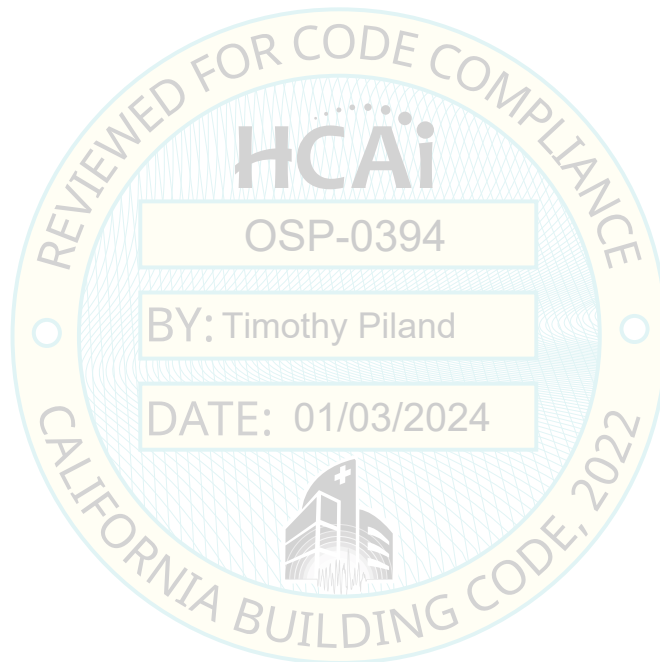


TABLE 2: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

Manufacturer		GE HEALTHCARE				S _{DS} = 2.0 at z/h = 1 S _{DS} = 2.5 at z/h = 0		
System		REVOLUTION CT ES						
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB)	MOUNT	BASIS ^[1]	
		W	D	H				
GANTRIES ^[7]								
Revolution CT ES Gantry	5590000-15	93.1	56.2	78.9	6218	Floor	UUT-E1707-1	
Revolution CT ES Gantry	5590000-16	93.1	56.2	78.9	6218	Floor	SAME	
PATIENT TABLES ^[7]								
NG 2000 Table	5201910-2	24	114	30	1760	Floor	SAME ^[4]	
NG 2000 Table	5201910-6	24	114	30	1760 ^[3]	Floor	UUT-A1440-2	
NG2000V Patient Table	5765282	24	130	49	1576 ^[3]	Floor	UUT-F1807-2	
NG1700V Patient Table	5786623	24	118	49	1523 ^[3]	Floor	UUT-F1807-3	
NG2000SV Table	5999992	23.7	130.8 - 207.2	28.2 - 51.0	1554 ^[3]	Floor	UUT-L2319-1	
NG1700SV Table	5998988	23.7	119.0 - 186.6	28.2 - 51.0	1509 ^[3]	Floor	UUT-L2319-2	
CONSOLES								
Open Console (HP Z420)	5737200	14.57	21.85	22.75	105	Floor	UUT-D1606-1	
Open Console (HP Z440)	5737200-5	14.65	22.28	22.5	105	Floor	UUT-E1707-2	
Scanner Desktop III (Open Console)	5737200-10	14.8	19.9	22.7	106	Floor	UUT-G1917-1	
Scanner Desktop IV (Standalone Console) ^[8]	5737200-25	18.1	19.7	20.8	78	Floor	UUT-H2208-3	
SYSTEM CABINETS								
System Cabinet ^[7]	6163000	24	48.42	55.71	706	Floor	UUT-C1522-2	
System Cabinet ^[7]	6163000-2	24	48.42	55.71	706	Floor	SAME	
System Cabinet IV	6164000	24	50.9	55.8	736 ^[6]	Floor	UUT-F1807-6	
System Cabinet V 80	6164000-2	24.2	53.5	55.9	597 ^[6]	Floor	UUT-G1917-2	
System Cabinet VII ^[9]	6165000	24.5	45.8	31.5	411	Floor	UUT-J2218-1	
POWER DISTRIBUTION								
Power Distribution Unit	2326492-61	27.6	21.7	41.8	818	Floor	UUT-1313-2	
Power Distribution Unit	2326492-91	27.6	21.7	41.8	955 ^[6]	Floor	UUT-F1807-4	
Power Distribution Unit	2326492-92	27.6	21.7	41.8	1094 ^[6]	Floor	UUT-K2306-1	
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.							
Notes	<p>1. BASIS:</p> <ul style="list-style-type: none"> • UUT#: Identifies a tested configuration (see Attachment 2: Test Specimen Summary for additional information). • SAME: Component is physically, mechanically & electrically identical to a tested configuration. Difference is limited to model number, color, or software. <p>2. Patient Table weight does not include the 500 lb simulated patient load present during testing.</p> <p>3. Patient Table weight does not include the 675 lb simulated patient load present during testing.</p> <p>4. Same as UUT-1406-2 in Table 1.</p> <p>5. All components listed above are manufactured by GE Healthcare unless otherwise noted.</p> <p>6. Installed weight including seismic mounting brackets</p> <p>7. Requires use of GE mounting kit (Catalog No. B7919BS or equivalent)</p> <p>8. Requires use of GE mounting kit (Catalog No. B7919VR or equivalent)</p> <p>9. Requires the use of Seismic Kit: Catalog No. B7919WP or equivalent</p>							

TABLE 3: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

Manufacturer		GE HEALTHCARE				S _{DS} = 2.0 at z/h = 1 S _{DS} = 2.5 at z/h = 0		
System		REVOLUTION APEX						
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB)	MOUNT	BASIS ^[1]	
		W	D	H				
GANTRIES ^[7]								
Revolution Apex Gantry	5590000-20	90.3	52.4	79.9	6170	Floor	UUT-F1807-1	
Revolution Apex Gantry	5590000-21	90.3	52.4	79.9	6170	Floor	SAME	
PATIENT TABLES ^[7]								
NG 2000 Table	5201910	24	114	30	1760 ^[2]	Floor	UUT-1406-2	
NG 2000 Table	5201910-2	24	114	30	1760	Floor	SAME	
NG 2000 Table	5201910-6	24	114	30	1760 ^[3]	Floor	UUT-A1440-2	
NG2000V Patient Table	5765282	24	130	49	1576 ^[3]	Floor	UUT-F1807-2	
NG1700V Patient Table	5786623	24	118	49	1523 ^[3]	Floor	UUT-F1807-3	
NG2000SV Table	5999992	23.7	130.8 - 207.2	28.2 - 51.0	1554 ^[3]	Floor	UUT-L2319-1	
NG1700SV Table	5998988	23.7	119.0 - 186.6	28.2 - 51.0	1509 ^[3]	Floor	UUT-L2319-2	
CONSOLES								
Open Console (HP Z420)	5737200	14.57	21.85	22.75	105	Floor	UUT-D1606-1	
Open Console (HP Z440)	5737200-5	14.65	22.28	22.5	105	Floor	UUT-E1707-2	
Scanner Desktop III (Open Console)	5737200-10	14.8	19.9	22.7	106	Floor	UUT-G1917-1	
Scanner Desktop IV (Standalone Console) ^[8]	5737200-25	18.1	19.7	20.8	78	Floor	UUT-H2208-3	
SYSTEM CABINETS								
System Cabinet IV	6164000	24	50.9	55.8	736 ^[6]	Floor	UUT-F1807-6	
System Cabinet VII ^[9]	6165000	24.5	45.8	31.5	411	Floor	UUT-J2218-1	
POWER DISTRIBUTION								
Power Distribution Unit	2326492-61	27.6	21.7	41.8	818	Floor	UUT-1313-2	
Power Distribution Unit	2326492-91	27.6	21.7	41.8	955 ^[6]	Floor	UUT-F1807-4	
Power Distribution Unit	2326492-92	27.6	21.7	41.8	1094 ^[6]	Floor	UUT-K2306-1	
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.							
Notes	<ol style="list-style-type: none"> BASIS: <ul style="list-style-type: none"> UUT#: Identifies a tested configuration (see Attachment 2: Test Specimen Summary for additional information). SAME: Component is physically, mechanically & electrically identical to a tested configuration. Difference is limited to model number, color, or software. Patient Table weight does not include the 500 lb simulated patient load present during testing. Patient Table weight does not include the 675 lb simulated patient load present during testing <i>Gray italic formatting indicates unit is <u>not</u> a component of system and used as basis for seismic qualification only.</i> All components listed above are manufactured by GE Healthcare unless otherwise noted. Installed weight including seismic mounting brackets Requires use of GE mounting kit (Catalog No. B7919BS or equivalent) Requires use of GE mounting kit (Catalog No. B7919VR or equivalent) Requires the use of Seismic Kit: Catalog No. B7919WP or equivalent 							

TABLE 4: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

Manufacturer		GE HEALTHCARE				S _{DS} = 2.0 at z/h = 1		
System		REVOLUTION APEX ELITE				S _{DS} = 2.5 at z/h = 0		
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB)	MOUNT	BASIS ^[1]	
		W	D	H				
GANTRIES ^[2]								
Revolution Apex Elite Gantry	5590000-23	90.6	52.4	80.2	5900	Floor	UUT-H2208-1	
Revolution Apex Elite Gantry	5590000-24	90.6	52.4	80.2	5900	Floor	SAME	
PATIENT TABLES ^[2]								
NG2000V Patient Table	5765282	24	130	49	1576 ^[3]	Floor	UUT-F1807-2	
NG1700V Patient Table	5786623	24	118	49	1523 ^[3]	Floor	UUT-F1807-3	
NG2000SV Table	5999992	23.7	130.8 - 207.2	28.2 - 51.0	1554 ^[3]	Floor	UUT-L2319-1	
NG1700SV Table	5998988	23.7	119.0 - 186.6	28.2 - 51.0	1509 ^[3]	Floor	UUT-L2319-2	
CONSOLES								
Scanner Desktop III (Open Console)	5737200-10	14.8	19.9	22.7	106	Floor	UUT-G1917-1	
Scanner Desktop IV (Standalone Console) ^[4]	5737200-25	18.1	19.7	20.8	78	Floor	UUT-H2208-3	
SYSTEM CABINETS								
System Cabinet IV	6164000	24	50.9	55.8	736 ^[5]	Floor	UUT-F1807-6	
System Cabinet VII ^[6]	6165000	24.5	45.8	31.5	411	Floor	UUT-J2218-1	
POWER DISTRIBUTION								
Power Distribution Unit	2326492-61	27.6	21.7	41.8	818	Floor	UUT-1313-2	
Power Distribution Unit	2326492-91	27.6	21.7	41.8	955 ^[5]	Floor	UUT-F1807-4	
Power Distribution Unit	2326492-92	27.6	21.7	41.8	1094 ^[5]	Floor	UUT-K2306-1	
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.							
Notes	<ol style="list-style-type: none"> BASIS: <ul style="list-style-type: none"> UUT#: Identifies a tested configuration (see Attachment 2: Test Specimen Summary for additional information). SAME: Component is physically, mechanically & electrically identical to a tested configuration. Difference is limited to model number, color, or software. Requires the use of Seismic Kit: Revolution CT Seismic Kit; Catalog No. B7919BS or equivalent Patient Table weight does not include the 675 lb simulated patient load present during testing Requires the use of Seismic Kit: Revolution Seismic Kit; Catalog No. B7919VR or equivalent Installed weight including seismic mounting brackets Requires the use of Seismic Kit: Catalog No. B7919WP or equivalent 							

TABLE 5: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

Manufacturer		GE HEALTHCARE				S _{DS} = 2.0 at z/h = 1 S _{DS} = 2.5 at z/h = 0		
System		REVOLUTION APEX PLUS						
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB)	MOUNT	BASIS ^[1]	
		W	D	H				
GANTRIES ^[2]								
Revolution Apex Elite Gantry	5590000-23	90.6	52.4	80.2	5900	Floor	UUT-H2208-1	
Revolution Apex Plus Gantry	5590000-25	90.6	52.4	80.2	5900	Floor	INT	
Revolution Apex Plus Gantry	5590000-26	90.6	52.4	80.2	5900	Floor	INT	
Revolution Apex Select Gantry	5590000-27	90.6	52.4	80.2	5900	Floor	UUT-H2208-2	
PATIENT TABLES ^[2]								
NG2000V Patient Table	5765282	24	130	49	1576 ^[3]	Floor	UUT-F1807-2	
NG1700V Patient Table	5786623	24	118	49	1523 ^[3]	Floor	UUT-F1807-3	
NG2000SV Table	5999992	23.7	130.8 - 207.2	28.2 - 51.0	1554 ^[3]	Floor	UUT-L2319-1	
NG1700SV Table	5998988	23.7	119.0 - 186.6	28.2 - 51.0	1509 ^[3]	Floor	UUT-L2319-2	
CONSOLES								
Scanner Desktop III (Open Console)	5737200-10	14.8	19.9	22.7	106	Floor	UUT-G1917-1	
Scanner Desktop IV (Standalone Console)	5737200-25	18.1	19.7	20.8	78	Floor	UUT-H2208-3	
SYSTEM CABINETS								
System Cabinet IV	6164000	24	50.9	55.8	736 ^[5]	Floor	UUT-F1807-6	
System Cabinet V 80	6164000-2	24.2	53.5	55.9	597 ^[5]	Floor	UUT-G1917-2	
System Cabinet VII	6165000	24.5	45.8	31.5	411	Floor	UUT-J2218-1	
POWER DISTRIBUTION								
Power Distribution Unit	2326492-61	27.6	21.7	41.8	818	Floor	UUT-1313-2	
Power Distribution Unit	2326492-91	27.6	21.7	41.8	955 ^[5]	Floor	UUT-F1807-4	
Power Distribution Unit	2326492-92	27.6	21.7	41.8	1094 ^[5]	Floor	UUT-K2306-1	
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.							
Notes	<p>1. BASIS:</p> <ul style="list-style-type: none"> • UUT#: Identifies a tested configuration (see Attachment 2: Test Specimen Summary for additional information). • SAME: Component is physically, mechanically & electrically identical to a tested configuration. Difference is limited to model number, color, or software. <p>2. Requires the use of Seismic Kit: Revolution CT Seismic Kit; Catalog No. B7919BS or equivalent</p> <p>3. Patient Table weight does not include the 675 lb simulated patient load present during testing</p> <p>4. Requires the use of Seismic Kit: Revolution Seismic Kit; Catalog No. B7919VR or equivalent</p> <p>5. Installed weight including seismic mounting brackets</p> <p>6. Requires the use of Seismic Kit: Revolution Seismic Kit; Catalog No. B7919WP or equivalent</p> <p>7. <i>Gray italic formatting indicates unit is <u>not</u> a component of system and used as basis for seismic qualification only.</i></p>							

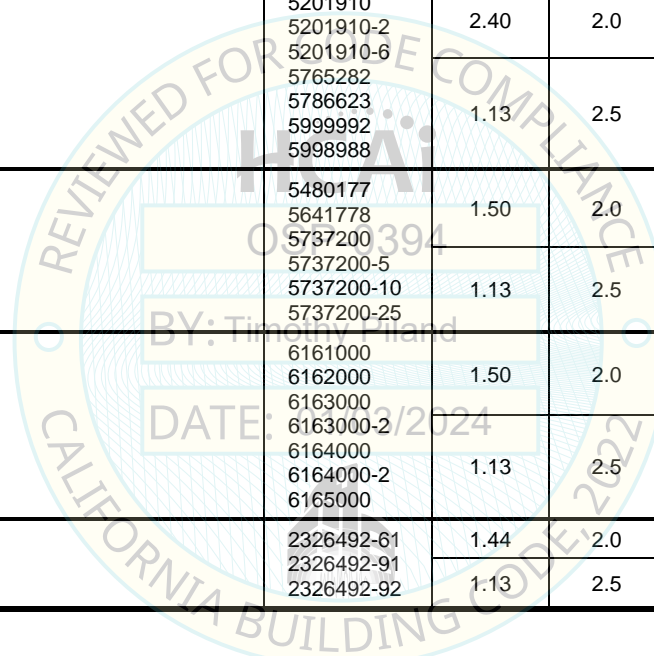
TABLE 6: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

Manufacturer		GE HEALTHCARE				S _{DS} = 2.0 at z/h = 1		
System		REVOLUTION APEX SELECT				S _{DS} = 2.5 at z/h = 0		
COMPONENT	MODEL NUMBER	APPROX. DIMENSIONS (IN.)			MAX. WT. (LB)	MOUNT	BASIS ^[1]	
		W	D	H				
GANTRIES ^[2]								
Revolution Apex Select Gantry	5590000-27	90.6	52.4	80.2	5900	Floor	UUT-H2208-2	
Revolution Apex Select Gantry	5590000-28	90.6	52.4	80.2	5900	Floor	SAME	
PATIENT TABLES ^[2]								
NG2000V Patient Table	5765282	24	130	49	1576 ^[3]	Floor	UUT-F1807-2	
NG1700V Patient Table	5786623	24	118	49	1523 ^[3]	Floor	UUT-F1807-3	
NG2000SV Table	5999992	23.7	130.8 - 207.2	28.2 - 51.0	1554 ^[3]	Floor	UUT-L2319-1	
NG1700SV Table	5998988	23.7	119.0 - 186.6	28.2 - 51.0	1509 ^[3]	Floor	UUT-L2319-2	
CONSOLES								
Scanner Desktop III (Open Console)	5737200-10	14.8	19.9	22.7	106	Floor	UUT-G1917-1	
Scanner Desktop IV (Standalone Console) ^[4]	5737200-25	18.1	19.7	20.8	78	Floor	UUT-H2208-3	
SYSTEM CABINETS								
System Cabinet IV	6164000	24	50.9	55.8	736 ^[5]	Floor	UUT-F1807-6	
System Cabinet V 80	6164000-2	24.2	53.5	55.9	597 ^[5]	Floor	UUT-G1917-2	
System Cabinet VII ^[6]	6165000	24.5	45.8	31.5	411	Floor	UUT-J2218-1	
POWER DISTRIBUTION								
Power Distribution Unit	2326492-61	27.6	21.7	41.8	818	Floor	UUT-1313-2	
Power Distribution Unit	2326492-91	27.6	21.7	41.8	955 ^[5]	Floor	UUT-F1807-4	
Power Distribution Unit	2326492-92	27.6	21.7	41.8	1094 ^[5]	Floor	UUT-K2306-1	
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.							
Notes	<p>1. BASIS:</p> <ul style="list-style-type: none"> UUT#: Identifies a tested configuration (see Attachment 2: Test Specimen Summary for additional information). SAME: Component is physically, mechanically & electrically identical to a tested configuration. Difference is limited to model number, color, or software. <p>2. Requires the use of Seismic Kit: Revolution CT Seismic Kit; Catalog No. B7919BS or equivalent</p> <p>3. Patient Table weight does not include the 675 lb simulated patient load present during testing</p> <p>4. Requires the use of Seismic Kit: Revolution Seismic Kit; Catalog No. B7919VR or equivalent</p> <p>5. Installed weight including seismic mounting brackets</p> <p>6. Requires the use of Seismic Kit: Catalog No. B7919WP or equivalent</p>							


ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

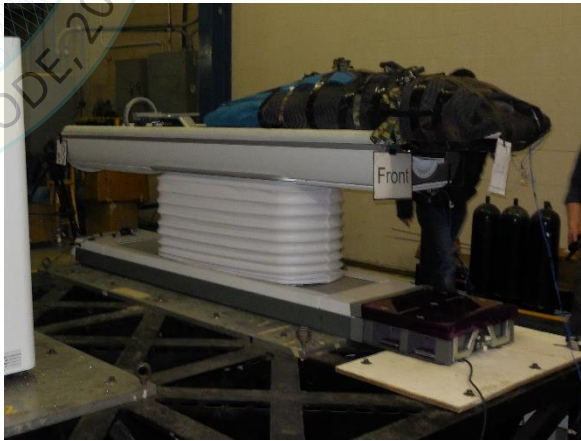
TABLE 7: ASCE 7-16 DESIGN BASIS FOR EQUIPMENT

COMPONENT		F _p /W _p	S _{DS}	z/h	a _p	R _p	Ω ₀
Gantries	5590000	2.40	2.0	1	1	1 ½	2
	5590000-2						
	5590000-6						
	5590000-7						
	5590000-15						
	5590000-16						
	5590000-20	1.13	2.5	0			
	5590000-21						
	5590000-23						
	5590000-24						
5590000-25							
5590000-26							
5590000-27							
5590000-28							
Patient Tables	5201910	2.40	2.0	1	1	1 ½	2
	5201910-2						
	5201910-6	1.13	2.5	0			
	5765282						
	5786623						
	5999992						
5998988							
Consoles	5480177	1.50	2.0	1	2 ½	6	2
	5641778						
	5737200	1.13	2.5	0			
	5737200-5						
	5737200-10						
5737200-25							
System Cabinets	6161000	1.50	2.0	1	2 ½	6	2
	6162000						
	6163000	1.13	2.5	0			
	6163000-2						
	6164000						
	6164000-2						
6165000							
Power Distribution Units	2326492-61	1.44	2.0	1	1	2 ½	2
	2326492-91	1.13	2.5	0			
	2326492-92						



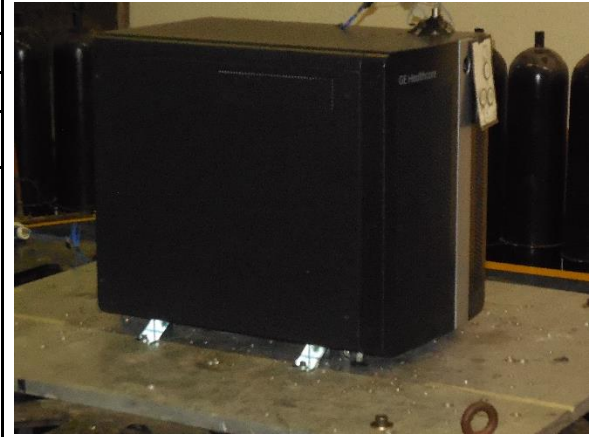
ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT-1406-1 Revolution CT Gantry									
MANUFACTURER:		GE Healthcare							
IDENTIFICATION:		Model No.: 5590000				Serial No.: 1977CZ8			
DESCRIPTION:		System Component of the Revolution CT System							
MOUNTING:		FLOOR MOUNTED (Rigid Base) using (8) – 5/8" dia. SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649							
									
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz)				
Width	Depth	Height	Weight (lb)		Front-Axis	Side-Axis	Vertical-Axis		
93.1	56.2	78.9	6335		7.4	11.3	8.4		
SHAKE TABLE TEST PARAMETERS									
TEST CRITERIA	S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RI-G} (G)	A _{FLX-V} (G)	A _{RI-G} (G)		
ICC-ES AC156	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.									

UUT-1406-2 NG 2000 Table									
MANUFACTURER:		GE Healthcare							
IDENTIFICATION:		Model No.: 5201910				Serial No.: 436153CN1			
DESCRIPTION:		System Component of the Revolution CT System							
MOUNTING:		FLOOR MOUNTED (Rigid Base) using (6) – 5/8" dia SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649							
									
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz)				
Width	Depth	Height	Weight (lb)		Transverse-Axis	Longitudinal-Axis	Vertical-Axis		
23.5	116 min / 210 max*	41	1760 + 500 Patient		3.0	16.8	4.5		
SHAKE TABLE TEST PARAMETERS									
TEST CRITERIA	S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RI-G} (G)	A _{FLX-V} (G)	A _{RI-G} (G)		
ICC-ES AC156	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


UUT-1406-3 Scanner Desktop Assembly									
MANUFACTURER:		GE Healthcare							
IDENTIFICATION:		Model No.: 5480177				Serial No.: 433776CN2			
DESCRIPTION:		System Component of the Revolution CT System							
MOUNTING:		<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) (1) – 3/8" dia. ASTM A574 Socket Head Cap Screw w/ washer to floor plate.							
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz)				
Width	Depth	Height	Weight (lb)		Side-Axis	Front-Axis	Vertical-Axis		
18.5	29.1	25.8	157		12.8	16.8	13.9		
SHAKE TABLE TEST PARAMETERS									
TEST CRITERIA	S_{DS} (G)	z/h	I_P	A_{FLX-H} (G)	A_{RIG-H} (G)	A_{FLX-V} (G)	A_{RIG-V} (G)		
ICC-ES AC156	2.0 2.5	1.0 0.0	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.									




UUT-1406-4 Rev System Cabinet									
MANUFACTURER:		Avnet Technologies Solutions							
IDENTIFICATION:		Model No.: 6161000				Serial No.: 435438C7			
DESCRIPTION:		System Component of the Revolution CT System							
MOUNTING:		<u>Rigid Base (Floor) mounted using:</u> (4) – 1/2" dia. SAE J429 Grade 8 bolts w/ washer through GE mounting brackets to floor plate. <u>GE mounting assembly includes:</u> (2) – Seismic Bracket (P/N 5534896) Each bracket mounted to cabinet w/ (2) – M12-1.75, X25mm Long, Class 8.8 Steel, Hex Socket Head Cap Screw (P/N 1000-M12C025-04) (2) – Curved lock washer (P/N 2203-M12-07) (2) – Flat Washer (P/N 2001-M12-03)							
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz)				
Width	Depth	Height	Weight (lb)		Side-Axis	Front-Axis	Vertical-Axis		
25	48	59	701 + 10 brackets		6.0	10.1	22.6		
SHAKE TABLE TEST PARAMETERS									
TEST CRITERIA	S_{DS} (G)	z/h	I_P	A_{FLX-H} (G)	A_{RIG-H} (G)	A_{FLX-V} (G)	A_{RIG-V} (G)		
ICC-ES AC156	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

UUT-1313-2 Power Distribution Unit								
MANUFACTURER: GE Healthcare								
IDENTIFICATION: Model No.: 2326492-61								
Serial No.: 322132HM2								
DESCRIPTION: System component of the Optima CT580 System								
MOUNTING: <u>Rigid Base (Floor) mounted using:</u> (2) – 3/8" dia. ASTM A574 Socket Head Cap Screws w/ washer through GE mounting brackets to floor plate. <u>GE mounting assembly including:</u> (2) – Seismic bracket (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)								
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 = 818	15.7	19.9	45		
SHAKE TABLE TEST PARAMETERS								
TEST CRITERIA	S_{Ds} (G)	z/h	I_p	A_{FLX-H} (G)	A_{RIG-H} (G)	A_{FLX-V} (G)	A_{RIG-V} (G)	
ICC-ES AC156	2.0 2.6	1 0	1.5	3.2	2.4	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.								

UUT-A1440-1 System Cabinet								
MANUFACTURER: GE Healthcare								
IDENTIFICATION: Model No.: 6162000								
DESCRIPTION: System component of the Revolution CT system.								
MOUNTING: <u>Rigid Base (Floor) mounted using:</u> (4) – 1/2" dia. SAE J429 Grade 8 bolts w/ washer through GE mounting brackets to floor plate. <u>GE mounting assembly includes:</u> (2) – Seismic Bracket (P/N 5693408) Each bracket mounted to cabinet w/: (4) – M10-1.5 x 25mm Long, Class 8.8 ISO 4762 Steel Hex Socket Head Cap Screw (P/N 1000-M10C025-04) (4) – Curved lock washer, DIN 128A (P/N 2203-M10-07) (4) – Flat Washer, ISO 7089 (2000-M10-03) 2) – M12-1.75, X25mm Long, Class 8.8 Steel, Hex Socket Head Cap Screw (P/N 1000-M12C025-04)								
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)				
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis		
24	48.42	55.71	659	6.3	16.3	12.4		
SHAKE TABLE TEST PARAMETERS								
TEST CRITERIA	S_{Ds} (G)	z/h	I_p	A_{FLX-H} (G)	A_{RIG-H} (G)	A_{FLX-V} (G)	A_{RIG-V} (G)	
ICC-ES AC156	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

UUT-A1440-2 NG2000 Table

MANUFACTURER:	GE Healthcare
IDENTIFICATION:	Model No.: 5201910-6
DESCRIPTION:	System component of the Revolution CT system Patient table 675lb capacity
MOUNTING:	Floor mounted using (6) - 5/8" dia SAE J429 Grade 8 bolts w/ washer to aluminum plate. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649



PROPERTIES:				*Tested Dimensions: Depth = 153 in. Height = 30 in.		
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Transverse-Axis	Longitudinal-Axis	Vertical-Axis
23.5	114 min / 210 max*	23 min / 41 max*	1760 + 675 Patient	9.1	19.3	4.4

SHAKE TABLE TEST PARAMETERS							
TEST CRITERIA	S _{DS} (G)	z/h	I _p	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
ICC-ES AC156	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.

UUT-B1511-1 Scanner Desktop Assembly (HP Z420)

MANUFACTURER:	GE Healthcare
IDENTIFICATION:	Model No.: 5641778 Serial No.: 440747CN4
DESCRIPTION:	Main component of CT Imaging
MOUNTING:	<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 Class 10.9 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 to floor plate.



PROPERTIES:				LOWEST RESONANT FREQUENCY (Hz)		
DIMENSIONS (in.)				Front-Axis	Side-Axis	Vertical-Axis
Width	Depth	Height	Weight (lb)			
18.5	29.0	25.8	133.5	21	15.1	19.1

SHAKE TABLE TEST PARAMETERS							
TEST CRITERIA	S _{DS} (G)	z/h	I _p	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
ICC-ES AC156	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

UUT-C1522-1 Revolution CT Gantry

MANUFACTURER:	GE Healthcare
IDENTIFICATION:	Model No.: 5590000-6 Serial No.: 442608CN6
DESCRIPTION:	System Component of the Revolution CT System
MOUNTING:	Floor mounted using (8) – 5/8" dia SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649



PROPERTIES:						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis
93.1	56.5	78.9	6335	11.1	7.5	23

SHAKE TABLE TEST PARAMETERS							
TEST CRITERIA	S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
ICC-ES AC156	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.

UUT-C1522-2 System Cabinet

MANUFACTURER:	GE Healthcare
IDENTIFICATION:	Model No.: 6163000 Serial No.: 442508CN8
DESCRIPTION:	Main component of CT Imaging
MOUNTING:	<u>Rigid Base (Floor) mounted using:</u> (4) – 1/2" dia. SAE J429 Grade 8 bolts w/ washer through GE mounting brackets to floor plate. <u>GE mounting assembly includes:</u> (2) – Seismic Bracket (P/N 5693408) Each bracket mounted to cabinet w/ (4) – M10-1.5 x 25mm Long, Class 8.8, ISO 4762 Steel Hex Socket Head Cap Screw (P/N 1000-M10C025-04) (4) – Curved lock washer, DIN 128A (P/N 2203-M10-07) (4) – Flat Washer, ISO 7089 (P/N 2000-M10-03)



PROPERTIES:						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis
24	48.42	55.71	706	18.9	5.9	24.7

SHAKE TABLE TEST PARAMETERS							
TEST CRITERIA	S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
ICC-ES AC156	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

UUT-D1606-1 Open Console (HP Z420)

MANUFACTURER:	GE Healthcare
IDENTIFICATION:	Model No.: 5737200 Serial No.: 445262CN9
DESCRIPTION:	System component of the Revolution CT System HP Z420 Computer
MOUNTING:	<u>Rigid Base (Floor) mounted using:</u> GE console to floor mounting assembly (3 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 to floor plate.



PROPERTIES:								
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz)			
Width	Depth	Height	Weight (lb)		Front-Axis	Side-Axis	Vertical-Axis	
14.57	21.85	22.75	105		32.3	18.2	>50	
SHAKE TABLE TEST PARAMETERS								
TEST CRITERIA	S _{Ds} (G)	z/h	I _p	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)	
ICC-ES AC156	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.


UUT-E1707-1 Revolution CT ES Gantry


MANUFACTURER:	GE Healthcare
IDENTIFICATION:	Model no.: 5590000-15 Serial no.: 448109CN9
DESCRIPTION:	System component of the Revolution CT ES System Revolution CT ES Gantry
MOUNTING:	Rigid Base (Floor) Mounted using (8) – 5/8" dia. SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649




DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis
93.1	56.2	78.9	6218	7.79	11.75	25.59
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.


UUT-E1707-2 Open Console (HP Z440)						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model no.: 5737200-5 Serial no.: 448108CN1						
DESCRIPTION: Open console. HP Z440 Computer						
MOUNTING: <u>Rigid Base (Floor) mounted using:</u> GE console to floor mounting assembly (3 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) (1) – 3/8" dia. ASTM A574 Socket Head Cap Screw w/ washer to floor plate.						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis
14.65	22.28	22.5	105	18.32	17.27	35.36
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.						


UUT-F1807-1 Revolution CT Gantry						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No: 5590000-20						
DESCRIPTION: System Component of the Revolution Apex System Revolution Apex Gantry 160mm Quantum						
MOUNTING: Rigid Base (Floor) Mounted using (8) – 5/8" diameter SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis
90.3	52.4	79.9	6170	8.86	11.52	8.61
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


UUT-F1807-2 NG2000V Patient Table						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No: 5765282						
DESCRIPTION: Component of the Revolution CT / CT ES / Apex system.						
MOUNTING: Rigid Base (Floor) Mounted using (6) – 5/8" diameter SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Transverse-Axis	Longitudinal-Axis	Vertical-Axis
24	129.9	49	1576 + 675 Patient	2.97	43.26	4.29
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.						


UUT-F1807-3 NG1700V Patient Table						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No: 5786623						
DESCRIPTION: Component of the Revolution CT / CT ES / Apex system.						
MOUNTING: Rigid Base (Floor) Mounted using (6) – 5/8" diameter SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Transverse-Axis	Longitudinal-Axis	Vertical-Axis
24	118	49	1522.5 + 675 Patient	3.46	34.81	4.63
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.						

UUT-F1807-4 Power Distribution Unit						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No: 2326492-91						
DESCRIPTION: Component of the Revolution Apex system Configuration Controlled Verification Unit						
MOUNTING: <u>Rigid Base (Floor) mounted using:</u> (2) – 3/8" dia. ASTM A574 Socket Head Cap Screws w/ washer through GE mounting brackets to floor plate. <u>GE mounting assembly including:</u> (2) – Seismic Bracket (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	Vertical-Axis
27.6	21.7	41.8	954.5 (w/ brackets)	17.11	15.57	17.04
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
S _{DS} (G)	z/h	I _p	A _{FLEX-H} (G)	A _{RIG-H} (G)	A _{FLEX-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.						

UUT-F1807-6 System Cabinet						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No: 6164000						
DESCRIPTION: Component of the Revolution CT / CT ES / Apex system						
MOUNTING: <u>Rigid Base (Floor) mounted using:</u> (4) – 1/2" dia. SAE J429 Grade 8 bolts w/ washer through GE mounting brackets to floor plate. <u>GE mounting assembly includes:</u> (2) – Seismic Bracket (P/N 6164078) Each bracket mounted to cabinet w/ (4) – M12-1.75, X25mm Long, Class 8.8 Steel, Socket Head Cap Screw, Black Oxide (P/N 1000-M12C025-02) (4) – Curved lock washer (P/N 2203-M12-07) (4) – Flat Washer (P/N 2001-M12-02)						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis
24	50.9	55.8	736 (w/ brackets)	26.83	7.29	>50
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
S _{DS} (G)	z/h	I _p	A _{FLEX-H} (G)	A _{RIG-H} (G)	A _{FLEX-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

UUT-G1917-1 Scanner Desktop III (Open Console)						
MANUFACTURER: GE Healthcare (General Electric Company)						
IDENTIFICATION: Model No: 5737200-10						
DESCRIPTION: Component of the Revolution CT / CT ES / Apex system Levovo Thinkstation P520 computer						
MOUNTING: Rigid Base (Floor) mounted using: GE console to floor mounting assembly (3 locations total): Console Anti Seismic Bracket (P/N 5357148 rev. 3) 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 J429 Grade 8 bolt w/ washer to floor plate.						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Side-Axis	Front-Axis	Vertical-Axis
14.8	19.9	22.7	106 w/ brackets	16.6	27.4	14.3
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.						

UUT-G1917-2 System Cabinet V 80						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No: 6164000-2						
DESCRIPTION: Component of the Revolution CT ES system						
MOUNTING: Rigid Base (Floor) mounted using: (4) – 1/2" dia. SAE J429 Grade 8 bolts w/ washer through GE mounting brackets to floor plate. GE mounting assembly includes: (2) – Seismic Bracket (P/N 6164078) Each bracket mounted to cabinet w/ (4) – M12-1.75, X25mm Long, Class 8.8 Steel, Socket Head Cap Screw, Black Oxide (P/N 1000-M12C025-02) (4) – Curved lock washer (P/N 2203-M12-07) (4) – Flat Washer (P/N 2001-M12-02)						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Side-Axis	Front-Axis	Vertical-Axis
24.2	53.5	55.9	597 (w/ brackets)	33.0	9.0	13.2
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.						

UUT-H2208-1 Revolution Apex Elite Gantry							
MANUFACTURER:		GE Healthcare					
IDENTIFICATION:		Model No: 5590000-23 Serial No.: AAAAA9999999AA					
DESCRIPTION:		Component of Revolution Apex Elite CT System Gantry requires the use of Revolution CT Seismic Kit B7919BS which contains mounting hardware.					
MOUNTING:		Rigid Base (Floor) Mounted using (8) – 5/8" diameter SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649					
DIMENSIONS (in.)				Weight (lb)	LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Front-Axis		Side-Axis	Vertical-Axis	
90.6	52.4	80.2	5900	8.66	12.81	21.81	
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.							



UUT-H2208-2 Revolution Apex Select Gantry							
MANUFACTURER:		GE Healthcare					
IDENTIFICATION:		Model No.: 5590000-27 Serial No.: AAAAA9999999AA					
DESCRIPTION:		Component of Revolution Apex Select CT System Gantry requires the use of Revolution CT Seismic Kit B7919BS which contains mounting hardware.					
MOUNTING:		Rigid Base (Floor) Mounted using (8) – 5/8" diameter SAE J429 Grade 8 bolts w/ washers. Includes GE mounting kit: Catalog No. B7919BS / Engineering P/N 5498649					
DIMENSIONS (in.)				Weight (lb)	LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Front-Axis		Side-Axis	Vertical-Axis	
90.6	52.4	80.2	5900	8.69	12.86	15.85	
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.							

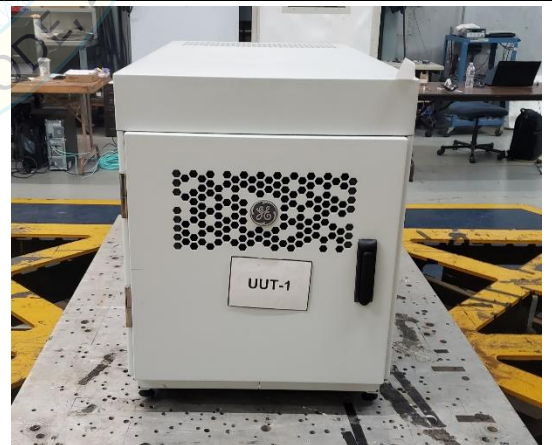



ATTACHMENT 2: TEST SPECIMEN SUMMARY


UUT-H2208-3 Scanner Desktop IV (Standalone Console)						
MANUFACTURER:		GE Healthcare				
IDENTIFICATION:		Model No.: 5737200-25 Serial No.: 460085CN4				
DESCRIPTION:		Component of Revolution CT / CT ES / Apex CT Systems <u>Includes:</u> - Lenovo ThinkStation P520 Workstation (ID No.: 30BQ-S04T00 Serial No.: MJ09HX24) - CT System Power Box (Model No.: 5877175 Serial No.: S21-11-018-04) Requires seismic kit B7919VR which includes mounting bracket hardware.				
MOUNTING:		<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 with (2) – M6 x 16 8.8 Class flanged socket head screw (Torque = 7.9 N-m) (2) – Flat washers (P/N 2001-M8-02) (1) – 3/8" dia. ASTM J429 Grade 8 bolt w/ washer to floor plate.				
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis
18.1	19.7	20.8	78	41.60	22.41	33.74
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.						




UUT-J2218-1 System Cabinet VII						
MANUFACTURER:		GE Healthcare				
IDENTIFICATION:		Model No.: 6165000		Serial No.: 461346CN9		
DESCRIPTION:		Component of Revolution CT / CT ES / Apex / Apex Elite / Apex Plus / Apex Select CT Systems Requires the use of Seismic Kit B7919WP which contains mounting hardware.				
MOUNTING:		<u>Rigid Base (Floor) mounted using:</u> (4) – 1/2" dia. SAE J429 Grade 8 bolts w/ washer through GE mounting brackets to floor plate. <u>GE mounting assembly includes:</u> (2) – Seismic Bracket (P/N 5929891) Each bracket mounted to cabinet w/: (4) – M10-1.50 x 25mm Long, Class 8.8 Steel, Socket Head Cap Screw, Zinc (P/N 1000-M10C025-04) (4) – Curved lock washer (P/N 2203-M10-07) (4) – Flat washer (P/N 2001-M10-02)				
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vertical-Axis
24.5	45.8	31.5	411	29.02	16.74	28.96
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.						



UUT-K2306-1 Power Distribution Unit						
MANUFACTURER: GE Healthcare						
IDENTIFICATION: Model No: 2326492-92						
DESCRIPTION: Component of the Revolution CT system family Configuration Controlled Verification Unit						
MOUNTING: Rigid Base (Floor) mounted using: (2) – 1/2" dia. SAE J429 Grade 8 bolts w/ washer through GE mounting brackets to floor plate. GE mounting assembly including: (2) – Seismic Bracket (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 / X-Axis	Front / Y-Axis	Vert / Z-Axis
27.6	21.7	41.8	1094 (w/ brackets)	17.8	11.9	30.8
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.						

UUT-L2319-1 NG2000SV Patient Table						
MANUFACTURER: GE Hangwei Medical Systems CO. LTD.						
IDENTIFICATION: Model No: 5999992						
DESCRIPTION: Component of the Revolution CT system family. Production equivalent prototype unit						
MOUNTING: Rigid Base (Floor) Mounted: using (6) – 5/8" diameter SAE J429 Grade 5 bolts w/ washers. Includes GE-supplied seismic mounting hardware which GEHC provides as a separately ordered "seismic kit" (B7919BS).						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Longit. (X) - Axis	Transv. (Y) - Axis	Vert (Z) - Axis
23.7	167	41.4	1554 + 675 Patient	48.27	2.80	3.96
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.						

UUT-L2319-2 NG1700SV Patient Table						
MANUFACTURER: GE Hangwei Medical Systems CO. LTD.						
IDENTIFICATION: Model No: 5998988						
DESCRIPTION: Component of the Revolution CT system family. Production equivalent prototype unit						
MOUNTING: Rigid Base (Floor) Mounted; using (6) – 5/8" diameter SAE J429 Grade 5 bolts w/ washers. Includes GE-supplied seismic mounting hardware which GEHC provides as a separately ordered "seismic kit" (B7919BS).						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Longit. (X) - Axis	Transv. (Y) - Axis	Vert (Z) - Axis
23.7	155	41.4	1509 + 675 Patient	17.6	3.18	4.18
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.						