



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

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

OFFICE USE ONLY

APPLICATION #: OSP-0630

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Canon Medical Systems Corporation

Manufacturer's Technical Representative: Krystal Ouren

Mailing Address: 2441 Michelle Drive, Tustin, CA 92780

Telephone: (949) 540-5781 Email: kouren@us.medical.canon

Product Information

Product Name: AQUILION ONE CT SYSTEMS (See Attachment 1, Tables 1 & 2)

Product Model Number(s): See Attachment 1

Product Category: CT Systems

Product Sub-Category: NA

General Description: Multiple component systems for the provision of Computed Tomography (CT) medical imaging. Seismic Certification is limited to the systems & components identified in Attachment 1.

Mounting Description: Base Mounted Rigid

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

Applicant Information

Applicant Company Name: EASE LLC

Contact Person: Jonathan Roberson

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

Telephone: (909) 606-7622 Email: j.roberson@easeco.com

Title: Principal Engineer





**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

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

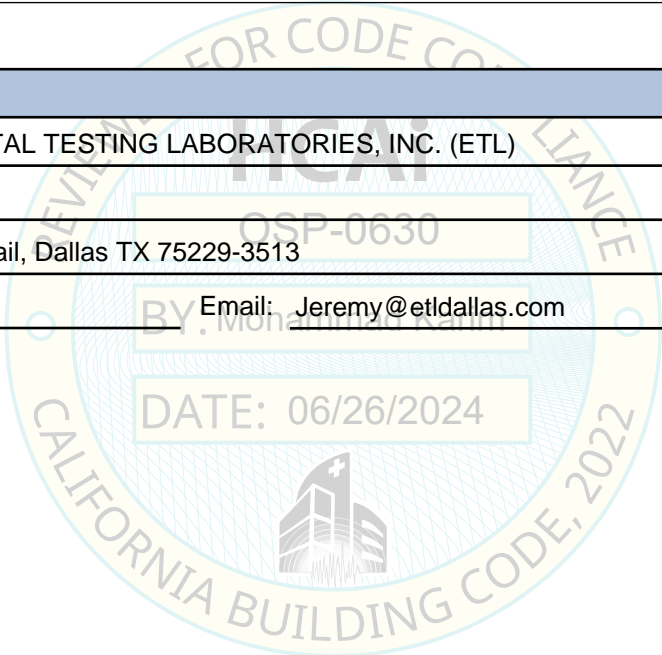
Company Name: EASE LLC
Name: Jonathan Roberson California License Number: S4197
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709
Telephone: (951) 295-1892 Email: jon@EASECo.com

Certification Method

GR-63-Core ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3
 Other (Please Specify): _____

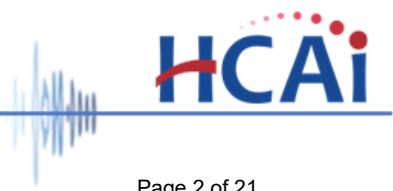
Testing Laboratory

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)
Contact Person: Jeremy Lange
Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513
Telephone: (972) 247-9657 Email: Jeremy@etldallas.com



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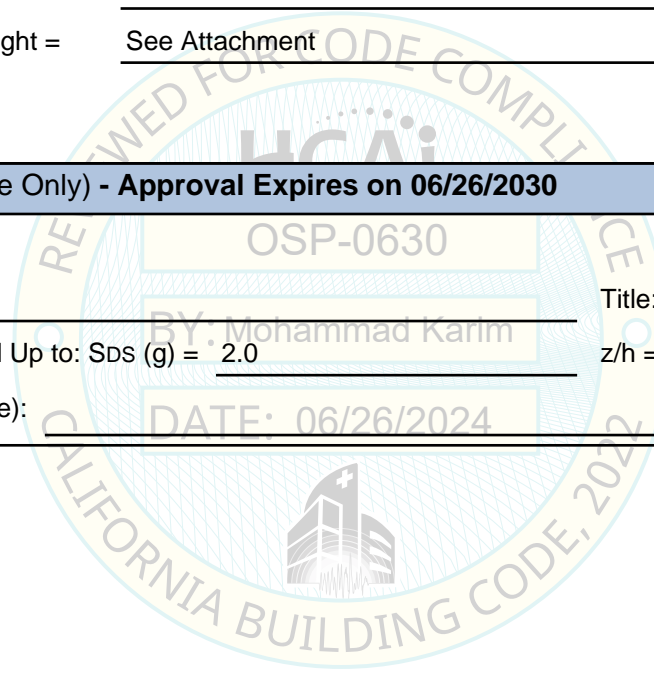
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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) =	See Attachment 1, Tables 1 & 2
SDS (Design spectral response acceleration at short period, g) =	2.0 (at z/h = 1); 2.5 (at z/h = 0)
a_p (Amplification factor) =	See Attachment 1, Tables 1 & 2
R_p (Response modification factor) =	See Attachment 1, Tables 1 & 2
Ω_0 (System overstrength factor) =	See Attachment
I_p (Importance factor) =	1.5
z/h (Height ratio factor) =	1 and 0
Natural frequencies (Hz) =	See Attachment
Overall dimensions and weight =	See Attachment

HCAI Approval (For Office Use Only) - Approval Expires on 06/26/2030

Date:	6/26/2024	OSP-0630	
Name:	Mohammad Karim	BY: Mohammad Karim	Title: Supervisor, Health Facilities
Special Seismic Certification Valid Up to: SDS (g) =	2.0	DATE: 06/26/2024	z/h = 1
Condition of Approval (if applicable):			



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 1:

Manufacturer		CANON MEDICAL SYSTEMS CORPORATION								S _{DS} = 2.0 at z/h = 1		
System		Aquilion ONE / PRISM Edition (TSX-306A/3)								S _{DS} = 2.5 at z/h = 0		
Component	Identification No.	Approx. Dimensions [in.]			Wt. [lb]	Mount	Basis ^[1]	F _P /W _P	a _P	R _P	Ω ₀	
		W	D	H								
CT GANTRIES												
Aquilion CT Scanner Gantry - Type G	CGGT-039A/1A	89.4	37.8	75.8	5171	Rigid Base	UUT-1906-2	2.40 1.13	1	1 ½	2	
w/ Optional Rear Operating Panel Kit	CAGP-003A/2B											
w/ Optional Area Finder	CGAP-001A/1B											
PATIENT COUCHES												
Patient Couch - High Capacity – Compact ^[2]	CBTB-032B/5A	26.0	94.1 – 158.4	18.5 - 41	1455 ^[4]	Rigid Base	UUT-1906-1	2.40 1.13	1	1 ½	2	
Patient Couch – High Capacity – Compact	CBTB-032B/5A	26.0	94.1 – 158.4	22.3 - 41	1851 ^[4]	Rigid Base	UUT-1906-3	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/4C											
Patient Couch - High Capacity – Extended	CBTB-032A/1A	26.0	113.8 - 197.7	18.5 - 41	1512 ^[8]	Rigid Base	UUT-1303-2A	2.40 1.13	1	1 ½	2	
Patient Couch - High Capacity – Extended ^[2]	CBTB-032A/5A	26.0	113.8 – 197.7	18.5 - 41	1512	Rigid Base	SAME AS UUT-1303-2A	2.40 1.13	1	1 ½	2	
Patient Couch - High Capacity – Extended	CBTB-032A/5A	26	113.8 - 197.7	18.5 - 41.0	1512	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/4C	---	---	3.5	396							
Patient Couch – High Capacity – Extended	CBTB-032A/8A	26.0	113.8 - 197.7	18.5 - 41.0	1950 ^[4]	Rigid Base	UUT-2006-1	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/6B											
w/ Optional CT Fluoro	TSXF-004A/3B											
Patient Couch – High Capacity – Extended	CBTB-032A/5A	26.0	113.8 - 197.7	22.3 - 41	1950	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/4C											
w/ Optional CT Fluoro ^[3]	TSXF-004A/3B											
Patient Couch – High Capacity – Compact	CBTB-032B/5A	26.0	94.1 - 158.4	22.3 - 41	1893	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/4C											
w/ Optional CT Fluoro ^[3]	TSXF-004A/4B											
Patient Couch – High Capacity – Compact ^[2]	CBTB-032B/5A	26.0	94.1 - 158.4	18.5 - 41	1497	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional CT Fluoro ^[3]	TSXF-004A/4B											
Patient Couch – High Capacity – Extended ^[2]	CBTB-032A/5A	26.0	113.8 - 197.7	18.5 - 41	1554	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional CT Fluoro ^[3]	TSXF-004A/3B											

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 1:

Manufacturer		CANON MEDICAL SYSTEMS CORPORATION							S _{DS} = 2.0 at z/h = 1		
System		Aquilion ONE / PRISM Edition (TSX-306A/3)							S _{DS} = 2.5 at z/h = 0		
Component	Identification No.	Approx. Dimensions [in.]			Wt. [lb]	Mount	Basis ^[1]	F _P /W _P	a _P	R _P	Ω ₀
		W	D	H							
Patient Couch – High Capacity – Extended w/ Optional CT Fluoro	CBTB-032A/8A TSXF-004A/3B	26.0	113.8 - 197.7	18.5 - 41.0	1554 ^[4]	Rigid Base	UUT-2006-2	2.40 1.13	1	1 ½	2
POWER DISTRIBUTION											
Power Distributor - Type G w/ Optional UPS Kit for Power Distributor	CETF-010B/2A CEUC-001A/6B	33.5	26.8	51.8	1433	Rigid Base	UUT-1906-6	1.44 1.13	1	2 ½	2
Power Distributor - Type G w/ Optional UPS Kit for Power Distributor	CETF-010B/2A CEUC-002A/6B	33.5	26.8	51.8	1433	Rigid Base	SAME AS UUT-1906-6	1.44 1.13	1	2 ½	2
CONSOLE COMPONENTS											
Con Box - Type G ^[5]	CKCN-018B/1B	23.2	38.0	66.0	796	Rigid Base	UUT-1906-4	1.44 1.13	1	2 ½	2
Con Box - Type G ^[5] w/ Optional Display Console Kit	CKCN-018B/1B CGS-94A/2B	23.2	38.0	66.0	823	Rigid Base	INT	1.44 1.13	1	2 ½	2
Con Box - Type G ^[5] w/ Optional AiCE/FIRST w/ Optional Display Console Kit	CKCN-018B/1B CCRS-003A/1C CGS-94A/2B	23.2	38.0	66.0	901	Rigid Base	UUT-1906-5	1.44 1.13	1	2 ½	2
Con Box - Type G ^[5] w/ Optional Display Console Kit w/ Optional Console Upgrade Kit	CKCN-018B/1B CGS-94A/2B CGS-102A/2C	23.2	38.0	66.0	823	Rigid Base	INT	1.44 1.13	1	2 ½	2
Con Box - Type G ^[5] w/ Optional AiCE/FIRST w/ Optional Display Console Kit w/ Optional Console Upgrade Kit	CKCN-018B/1B CCRS-003A/1C CGS-94A/2B CGS-102A/2C	23.2	38.0	66.0	883	Rigid Base	UUT-2202-1	1.44 1.13	1	2 ½	2
NAVI Box – Type A	CKCN-018A/3B	7.9	12.2	13.8	28	CTA	UUT-1603-3	1.44 1.13	1	2 ½	2
NAVI Box – Type A ^[6]	CKCN-018B/1B	7.9	12.2	13.8	28	CTA	SAME AS UUT-1603-3	1.44 1.13	1	2 ½	2
NAVI Box – Type A ^[6] w/ Optional Console Upgrade Kit	CKCN-018B/1B CGS-102A/2C	7.9	12.2	13.8	28	CTA	UUT-2202-2	1.44 1.13	1	2 ½	2

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 1:

Manufacturer		CANON MEDICAL SYSTEMS CORPORATION									
System		Aquilion ONE / PRISM Edition (TSX-306A/3)									
		S_{DS} = 2.0 at z/h = 1 S_{DS} = 2.5 at z/h = 0									
Component	Identification No.	Approx. Dimensions [in.]			Wt. [lb]	Mount	Basis ^[1]	F _P /W _P	a _P	R _P	Ω ₀
		W	D	H							
USER INTERFACE											
Monitor 19" LCD (EIZO)	MX-192	16.3	8.1	16.1 – 21.5	13	CTA	UUT-1603-6	1.44 1.13	1	2 ½	2
Monitor 27" LCD on Standard Mount (Shenzhen Beacon Display Technology Co., Ltd.)	BSX75-0608E*A	25.4	9.9	18.3 – 21.4	26.5	CTA	UUT-2202-4	1.44 1.13	1	2 ½	2
Monitor 27" LCD (Shenzhen Beacon Display Technology Co., Ltd.)	BSX75-0608E*A	25.4	8	19	21.5	CTA	UUT-2202-5	1.44 1.13	1	2 ½	2
w/ Optional Peerless-AV Mount	LCT100S										
Keyboard (scan)	<i>BSX74-2866-01*B</i>	21	9.25	3.0	7	CTA	<i>UUT-1901-8</i>	1.44 1.13	1	2 ½	2
Keyboard (scan) ^[6]	BSX74-2866-01*D	21	9.25	3.0	7	CTA	SAME AS UUT-1901-8	1.44 1.13	1	2 ½	2
Keyboard (display)	<i>BSX74-2866-02*A</i>	21	9.25	3.0	7	CTA	<i>UUT-1603-13</i>	1.44 1.13	1	2 ½	2
Keyboard (display) ^[6]	BSX74-2866-02*D	21	9.25	3.0	7	CTA	SAME AS UUT-1603-13	1.44 1.13	1	2 ½	2
Control Pad ^[7]	BSX74-3199*B	11.7	3.6	2.4	1.9	CTA	UUT-2202-3	1.44 1.13	1	2 ½	2
Mount	Rigid Base: free-standing, base-mounted configuration with the component rigidly attached to a supporting structure and no lateral support above the base. CTA (Countertop Anchored): refers to a condition where the unit is anchored to a counter, desk, or other piece of rigid fixed furniture.										
Notes	<ol style="list-style-type: none"> BASIS: <ul style="list-style-type: none"> "UUT-#" indicates that a test specimen matching these characteristics was tested as part of a seismic test program. "SAME" indicates component is physically, mechanically, and electrically the same as another test specimen with differences limited to model number, color, and/or software. "INT" (Interpolated or Extrapolated) indicates model of equipment not specifically tested for which seismic qualification is established through testing of similar models in the product line. Patient Couch – High Capacity (without Lateral Kit) requires the use of Seismic Kit: ANC-CA-CBTB032 CT Fluoro Option requires the use of Seismic Kit: PX79-68940-1 Patient Couch weight excludes 528 lb patient load present during test. Con Box – Type G requires the use of Seismic Kit: ANC-CA-001CONB NAVI Box – Type A & Keyboard requires the use of Seismic Kit: ANC-CA-002NAVI Control Pad requires the use of Seismic Kit: ANC-CA-001CTCP Patient Couch weight excludes 660 lb patient load present during test. <i>Gray italic formatting indicates unit is not a component of system and used as basis for seismic qualification only.</i> 										

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 2:

Manufacturer		CANON MEDICAL SYSTEMS CORPORATION										S _{DS} = 2.0 at z/h = 1	
System		Aquilion ONE / GENESIS Edition (TSX-305A/6)										S _{DS} = 2.5 at z/h = 0	
Component	Identification No.	Approx. Dimensions [in.]			Wt. [lb]	Mount	Basis ^[1]	F _P /W _P	a _P	R _P	Ω ₀		
		W	D	H									
CT GANTRIES													
Aquilion CT Scanner Gantry - Type G	CGGT-036A/1A	89.4	37.8	75.8	5159	Rigid Base	UUT-1603-2	2.40 1.13	1	1 ½	2		
w/ Optional Rear Operating Panel Kit	CAGP-003A/1B												
w/ Optional Area Finder	CGAP-001A/1B												
Aquilion CT Scanner Gantry - Type G	CGGT-036A/3A	89.4	37.8	75.8	5159	Rigid Base	INT	2.40 1.13	1	1 ½	2		
w/ Optional Rear Operating Panel Kit	CAGP-003A/1B												
w/ Optional Area Finder	CGAP-001A/1B												
Aquilion CT Scanner Gantry - Type G	CGGT-036A/1A	89.4	37.8	75.8	5159	Rigid Base	INT	2.40 1.13	1	1 ½	2		
w/ Optional Rear Operating Panel Kit	CAGP-003A/1B												
w/ Optional Area Finder	CGAP-001A/1B												
Detector Upgrade Kit	CGS-95A/1B												
Console Upgrade Kit (any one)	CGS-96A/1C CGS-96A/2C CGS-96A/3C												
Aquilion CT Scanner Gantry - Type G	CGGT-039A/1A	89.4	37.8	75.8	5171	Rigid Base	UUT-1906-2	2.40 1.13	1	1 ½	2		
w/ Optional Gantry Rear Operating Panel Kit	CAGP-003A/2B												
w/ Optional Area Finder	CGAP-001A/1B												
Aquilion CT Scanner Gantry - Type G	CGGT-036A/4A	89.4	37.8	75.8	5171	Rigid Base	SAME AS UUT-1906-2	2.40 1.13	1	1 ½	2		
w/ Optional Rear Operating Panel Kit	CAGP-003A/1B												
w/ Optional Area Finder	CGAP-001A/1B												
Aquilion CT Scanner Gantry - Type G	CGGT-036A/5A	89.4	37.8	75.8	5171	Rigid Base	INT	2.40 1.13	1	1 ½	2		
w/ Optional Rear Operating Panel Kit	CAGP-003A/1B												
w/ Optional Area Finder	CGAP-001A/1B												
Aquilion CT Scanner Gantry - Type H	CGGT-046A/1A	91.73	37.8	78.54	5340	Rigid Base	UUT-2301-1	2.40 1.13	1	1 ½	2		
w/ Optional Rear Operating Panel Kit	CAGP-008A/1B												
w/ Optional Area Finder	CGAP-002A/1B												
PATIENT COUCHES													
Patient Couch - High Capacity – Compact ^[2]	CBTB-032B/5A	26.0	94.1 – 158.4	18.5 - 41	1455 ^[4]	Rigid Base	UUT-1906-1	2.40 1.13	1	1 ½	2		

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 2:

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION										S _{DS} = 2.0 at z/h = 1	
System	Aquilion ONE / GENESIS Edition (TSX-305A/6)										S _{DS} = 2.5 at z/h = 0	
Component	Identification No.	Approx. Dimensions [in.]			Wt. [lb]	Mount	Basis ^[1]	F _P /W _P	a _P	R _P	Ω ₀	
		W	D	H								
Patient Couch – High Capacity – Compact	CBTB-032B/5A	26.0	94.1 – 158.4	22.3 - 41	1851 ^[4]	Rigid Base	UUT-1906-3	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/4C											
Patient Couch - High Capacity – Extended	CBTB-032A/1A	26.0	113.8 – 197.7	18.5 - 41	1512 ^[7]	Rigid Base	UUT-1303-2A	2.40 1.13	1	1 ½	2	
Patient Couch - High Capacity – Extended ^[2]	CBTB-032A/5A	26.0	113.8 – 197.7	18.5 - 41	1512	Rigid Base	SAME AS UUT-1303-2A	2.40 1.13	1	1 ½	2	
Patient Couch - High Capacity - Extended	CBTB-032A/5A	26	113.8 - 197.7	18.5 - 41.0	1512	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/4C	---	---	3.5	396							
Patient Couch – High Capacity – Extended	CBTB-032A/8A	26.0	113.8 - 197.7	18.5 - 41.0	1950 ^[4]	Rigid Base	UUT-2006-1	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/6B											
w/ Optional CT Fluoro	TSXF-004A/3B											
Patient Couch – High Capacity – Extended	CBTB-032A/5A	26.0	113.8 - 197.7	22.3 - 41	1950	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/4C											
w/ Optional CT Fluoro ^[3]	TSXF-004A/3B											
Patient Couch – High Capacity – Compact	CBTB-032B/5A	26.0	94.1 - 158.4	22.3 - 41	1893	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional Lateral Movement Kit	CALU-001A/4C											
w/ Optional CT Fluoro ^[3]	TSXF-004A/4B											
Patient Couch – High Capacity – Compact ^[2]	CBTB-032B/5A	26.0	94.1 - 158.4	18.5 - 41	1497	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional CT Fluoro ^[3]	TSXF-004A/4B											
Patient Couch – High Capacity – Extended ^[2]	CBTB-032A/5A	26.0	113.8 - 197.7	18.5 - 41	1554	Rigid Base	INT	2.40 1.13	1	1 ½	2	
w/ Optional CT Fluoro ^[3]	TSXF-004A/3B											
Patient Couch – High Capacity – Extended	CBTB-032A/8A	26.0	113.8 - 197.7	18.5 - 41.0	1554 ^[4]	Rigid Base	UUT-2006-2	2.40 1.13	1	1 ½	2	
w/ Optional CT Fluoro	TSXF-004A/3B											
POWER DISTRIBUTION												
Power Distributor - Type G	CETF-010B/1A	33.5	26.8	51.8	1389	Rigid Base	UUT-1603-5	1.44 1.13	1	2 ½	2	
w/ Optional UPS Kit for Power Distributor	CEUC-001A/6B											
CONSOLE COMPONENTS												
Con Box - Type G ^[5]	CKCN-018B/1B	23.2	38.0	66.0	796	Rigid Base	UUT-1906-4	1.44 1.13	1	2 ½	2	

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

TABLE 2:

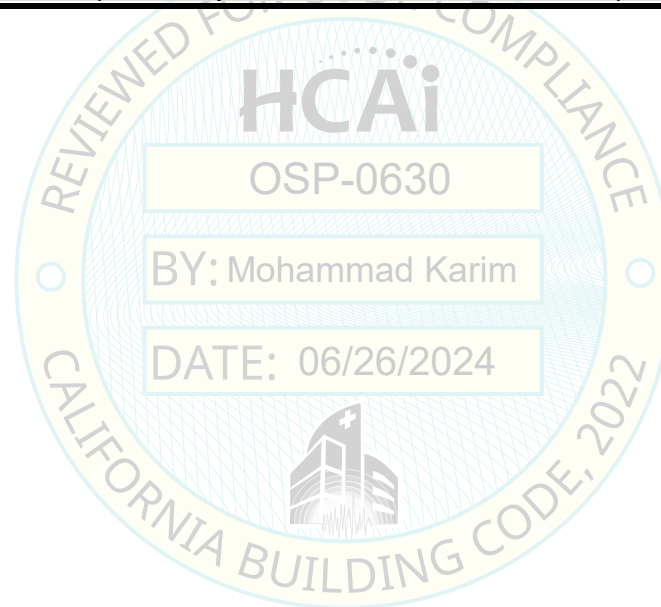
Manufacturer		CANON MEDICAL SYSTEMS CORPORATION								S _{DS} = 2.0 at z/h = 1	
System		Aquilion ONE / GENESIS Edition (TSX-305A/6)								S _{DS} = 2.5 at z/h = 0	
Component	Identification No.	Approx. Dimensions [in.]			Wt. [lb]	Mount	Basis ^[1]	F _P /W _P	a _P	R _P	Ω ₀
		W	D	H							
Con Box - Type G	CKCN-018B/1B	23.2	38.0	66.0	901	Rigid Base	UUT-1906-5	1.44 1.13	1	2 ½	2
w/ Optional AiCE/FIRST	CCRS-003A/1C										
w/ Optional Display Console Kit	CGS-94A/2B										
Con Box - Type G ^[5]	CKCN-018B/1B	23.2	38.0	66.0	901	Rigid Base	SAME AS UUT-1906-5	1.44 1.13	1	2 ½	2
w/ Optional AiCE/FIRST	CCRS-003A/2C										
w/ Optional Display Console Kit	CGS-94A/2B										
CONSOLE COMPONENTS (continued)											
NAVI Box – Type A	CKCN-018A/3B	7.9	12.2	13.8	28	CTA	UUT-1603-3	1.44 1.13	1	2 ½	2
NAVI Box – Type A ^[6]	CKCN-018B/1B	7.9	12.2	13.8	28	CTA	SAME AS UUT-1603-3	1.44 1.13	1	2 ½	2
USER INTERFACE											
Monitor 19" LCD (EIZO)	MX-192	16.3	8.1	16.1 - 21.5	13	CTA	UUT-1603-6	1.44 1.13	1	2 ½	2
Keyboard (scan)	BSX74-2866-01*B	21	9.25	3.0	7	CTA	UUT-1901-8	1.44 1.13	1	2 ½	2
Keyboard (scan) ^[6]	BSX74-2866-01*D	21	9.25	3.0	7	CTA	SAME AS UUT-1901-8	1.44 1.13	1	2 ½	2
Keyboard (display)	BSX74-2866-02*A	21	9.25	3.0	7	CTA	UUT-1603-13	1.44 1.13	1	2 ½	2
Keyboard (display) ^[6]	BSX74-2866-02*D	21	9.25	3.0	7	CTA	SAME AS UUT-1603-13	1.44 1.13	1	2 ½	2
Mount	Rigid Base: free-standing, base-mounted configuration with the component rigidly attached to a supporting structure and no lateral support above the base. CTA (Countertop Anchored): refers to a condition where the unit is anchored to a counter, desk, or other piece of rigid fixed furniture.										
Notes	<ol style="list-style-type: none"> BASIS: <ul style="list-style-type: none"> "UUT-#" indicates that a test specimen matching these characteristics was tested as part of a seismic test program. "SAME" indicates component is physically, mechanically, and electrically the same as another test specimen with differences limited to model number, color, and/or software. "INT" (Interpolated or Extrapolated) indicates model of equipment not specifically tested for which seismic qualification is established through testing of similar models in the product line. Patient Couch – High Capacity (without Lateral Kit) requires the use of Seismic Kit: ANC-CA-CBTB032 CT Fluoro Option requires the use of Seismic Kit: P/N PX79-68940-1 Patient Couch weight excludes 528 lb patient load present during test. Con Box – Type G requires the use of Seismic Kit: ANC-CA-001CONB 										

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS


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TABLE 2:


Manufacturer	CANON MEDICAL SYSTEMS CORPORATION								S _{DS} = 2.0 at z/h = 1			
System	Aquilion ONE / GENESIS Edition (TSX-305A/6)								S _{DS} = 2.5 at z/h = 0			
Component	Identification No.	Approx. Dimensions [in.]			Wt. [lb]	Mount	Basis ^[1]	F _P /W _P	a _P	R _P	Ω ₀	
		W	D	H								
6. NAVI Box – Type A & Keyboard requires the use of Seismic Kit: ANC-CA-002NAVI 7. Patient Couch weight excludes 660 lb patient load present during test. 8. <i>Gray italic formatting indicates unit is not a component of system and used as basis for seismic qualification only.</i>												




ATTACHMENT 2: TEST SPECIMEN SUMMARY


UUT-1303-2A Patient Couch – High Capacity Extended						
MANUFACTURER: Toshiba Medical Systems Corporation (now Canon Medical Systems Corporation)						
IDENTIFICATION: Model No.: CBTB-032A/1A Serial No.: 1AA1362015						
DESCRIPTION: Component of Aquilion PRIME System (as tested) Also common to other Aquilion CT systems. Requires the use of Seismic Kit: ANC-CA-CBTB032 *Test Patient Load of 660 lb not included in component weight Test Configuration: Depth = 147.75" / Height = 29"						
MOUNTING: Rigid Base (Floor) Mounted: (6) – 5/8" dia. Grade 8 Hex Head Bolts to aluminum interface plate.						
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Transverse Axis	Longitudinal Axis	Vertical Axis
26	113.75 – 197.9*	18.5 – 41*	1512*	2.8	14.0	6.1
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
S _{DS} (G)	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
2.6	1.0	1.5	4.16	3.12	1.74	0.70
Unit satisfied ICC-ES AC-156 requirements for structural integrity and function following Multifrequency Seismic test phase.						

DATE: 06/26/2024


UUT-1603-2 Aquilion CT Scanner Gantry - Type G						
MANUFACTURER: Toshiba Medical Systems Corporation (now Canon Medical Systems Corporation)						
IDENTIFICATION: Model No.: CGGT-036A/1A Serial No.: 1AA1652019						
DESCRIPTION: Component of Aquilion ONE Genesis CT System (as tested) Unit full of contents during test. <u>Includes Gantry Rear Operating Panel Kit</u> Model No.: CAGP-003A/1B <u>Includes Area Finder</u> Model No.: CGAP-001A/1B						
MOUNTING: Rigid Base (Floor) mounted using (6) – 3/4" diameter SAE J429 Grade 8 bolts.						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
89.4	37.8	75.8	5159	9.1	8.8	24.1
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	3.20	2.40	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-1603-3 NAVI Box - Type A						
MANUFACTURER: Toshiba Medical Systems Corporation (now Canon Medical Systems Corporation)						
IDENTIFICATION: Model No.: CKCN-018A/3B Serial No.: 3BA1652020						
DESCRIPTION: Component of Aquilion ONE Genesis Series CT System (as tested) Unit full of contents during test. Requires use of Seismic Kit: ANC-CA-TSX305A						
MOUNTING: Counter Top Anchor (CTA) mounted using (4) - #10 x 1" pan head coarse thread SMS through manufacturer-provided brackets. Brackets secured to enclosure w/ 1" x 11" Velcro brand Industrial hook & loop tape at interface between bracket and enclosure.						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
7.9	12.2	13.8		26	20.2	21.7
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)
2.6	1	1.5	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						


UUT-1603-5 Power Distributor - Type G w/ UPS Kit for Power Distributor						
MANUFACTURER: Toshiba Medical Systems Corporation (now Canon Medical Systems Corporation)						
IDENTIFICATION: <u>Power Distributor</u> Model No.: CETF-010B/1A Serial No.: 1AA1652020						
<u>UPS Kit</u> CEUC-001A/6B 6BA1667001						
DESCRIPTION: Component of Aquilion ONE Genesis Series CT System (as tested) Unit full of contents during test.						
MOUNTING: Rigid Base (Floor) mounted using (6) - 1/2" dia SAE J429 Grade 8 bolts through manufacturer-provided mounting brackets.						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
32.25	26.8	51.8		1389	11.2	10.6
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)
2.6	1	1.5	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT-1603-6 Monitor 19" LCD						
MANUFACTURER: EIZO						
IDENTIFICATION: Model No.: MX-192 Serial No.: 20203046						
DESCRIPTION: Component common to all Aquilion CT systems (as tested) Unit full of contents during test.						
MOUNTING: Countertop Anchor (CTA) mounted using (4) - #8 x 1" flat head construction screws w/ 15/32 O.D. countersink grommet into 3/4" thick plywood.						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
16.3	8.1	16.1-21.5	13	4.7	5.5	23.7
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)
2.6	1	1.5	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

UUT-1603-13 Keyboard						
MANUFACTURER: Toshiba Medical Systems Corporation (now Canon Medical Systems Corporation)						
IDENTIFICATION: Part No.: BSX74-2866-02*A Serial No.: F4000036						
DESCRIPTION: Component common to all Aquilion CT systems (as tested) Unit full of contents during test. Requires use of Seismic Kit: ANC-CA-TSX305A						
MOUNTING: Rigid Base mounted using (2) lines of 1" x 19" Velcro brand Industrial hook & loop tape space 5.5" apart applied to rear face of specimen and test plate.						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Front Axis	Side Axis	Vertical Axis
21	9.25	3	7	31	42.5	26.8
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)
2.6	1	1.5	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

UUT-1901-8 Keyboard							
MANUFACTURER: Canon Medical Systems Corporation							
IDENTIFICATION: Part No.: BSX74-2866-01*B							
Serial No.: G5000234							
DESCRIPTION: Component of Aquilion Precision CT System (as tested) Requires use of Seismic Kit: ANC-CA-002NAVI							
MOUNTING: Countertop Attached Mounted: (2) 1" x 7.5" INDUSTRIAL STRENGTH HOOK AND LOOP							
PROPERTIES:							
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]			
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis	
20.5	3.5	9.5	6.5	>50	35.36	36.20	
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	1	1.5	3.20	2.40	1.68	0.68	
2.5	0						
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							

UUT-1906-1 Patient Couch – High Capacity - Compact							
MANUFACTURER: Canon Medical Systems Corporation							
IDENTIFICATION: Model No.: CBTB-032B/5A							
Serial No.: 5AB1967001							
DESCRIPTION: Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) Requires use of Seismic Kit: ANC-CA-CBTB032 *Test Patient Load of 528 lb not included in component weight Test Configuration: Depth = 128.1" / Height = 34"							
MOUNTING: Rigid Base (Floor) Mounted: (6) – 5/8" dia. SAE J429 Grade 5 Hex Head Bolts to aluminum interface plate.							
PROPERTIES:							
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]			
Width	Depth	Height	Weight (lb.)	Transverse Axis	Longitudinal Axis	Vertical Axis	
26.0	94.1 – 158.4*	18.5 – 41*	1455*	3.29	45.25	7.78	
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	1	1.5	3.20	2.40	1.68	0.68	
2.5	0						
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							

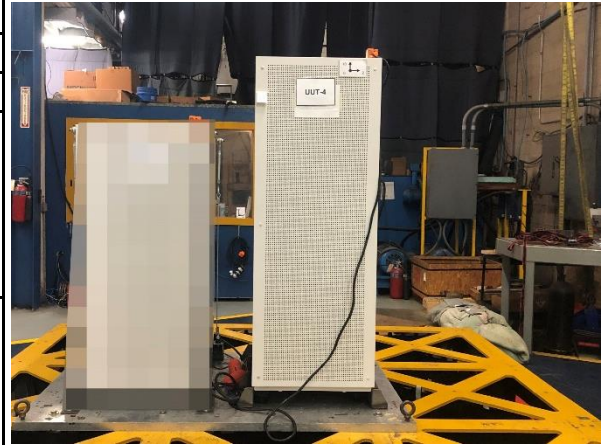
UUT-1906-2 Aquilion CT Scanner Gantry – Type G							
MANUFACTURER:		Canon Medical Systems Corporation					
IDENTIFICATION:		Model No.: CGGT-039A/1A Serial No.: 1AA1967001					
DESCRIPTION:		Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) <u>Includes Rear Operating Panel Kit:</u> Model No.: CAGP-003A/2B; S/N: 2BA1967001 <u>Includes Area Finder:</u> Model No.: CGAP-001A/1B; S/N: 1BB1967003					
MOUNTING:		Rigid Base (Floor) Mounted: (6) – 3/4" dia. SAE J429 Grade 5 Hex Head Bolts to aluminum interface plate.					
PROPERTIES:							
DIMENSIONS [in.]				Weight (lb.)	LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Side Axis		Front Axis	Vertical Axis	
89.4	37.8	75.8	5171	7.42	8.73	11.15	
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	3.20	2.40	1.68	0.68	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							



UUT-1906-3 Patient Couch – High Capacity – Compact (w/ Lateral Movement Kit)							
MANUFACTURER:		Canon Medical Systems Corporation					
IDENTIFICATION:		Model No.: CBTB-032B/5A Serial No.: 5AB1967001					
DESCRIPTION:		Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) <u>Includes Lateral Movement Kit:</u> Model No.: CALU-001A/4C; S/N: 4CB1912190 *Test Patient Load of 528 lb not included in component weight Test Configuration: Depth = 128.1" / Height = 34"					
MOUNTING:		Rigid Base (Floor) Mounted: (6) – 5/8" dia. SAE J429 Grade 5 Hex Head Bolts to aluminum interface plate.					
PROPERTIES:							
DIMENSIONS [in.]				Weight (lb.)	LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Transverse Axis		Longitudinal Axis	Vertical Axis	
26.0	94.1 – 158.4*	22.3 – 41*	1851*	2.29	12.29	7.03	
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	3.20	2.40	1.68	0.68	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							



UUT-1906-4 Con Box – Type G							
MANUFACTURER:		Canon Medical Systems Corporation					
IDENTIFICATION:		Model No.: CKCN-018B/1B Serial No.: 1BA1967011					
DESCRIPTION:		Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) Requires use of Seismic Kit: ANC-CA-001CONB					
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (6) – 1/2" dia. SAE J429 Grade 8 Hex Head Bolts to aluminum interface plate.					
PROPERTIES:							
DIMENSIONS [in.]				Weight (lb.)	LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Side Axis		Front Axis	Vertical Axis	
23.3	38.0	66.0	796	13.80	26.06	> 50	
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS							
S _{DS} (G)	z/h	I _p	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)	
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							



UUT-1906-5 Con Box – Type G with AiCE/FIRST & Display Console Kit							
MANUFACTURER:		Canon Medical Systems Corporation					
IDENTIFICATION:		Model No.: CKCN-018B/1B Serial No.: 1BA1967011					
DESCRIPTION:		Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) <u>Included options:</u> (1) AiCE/FIRST Model No.: CCRS-003A/1C; Serial No.: 1CA1967009 (2) Display Console Kit Model No.: CGS-94A/2B; Serial No.: 2BA1967001 Requires use of Seismic Kit: ANC-CA-001CONB					
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (6) – 1/2" dia. SAE J429 Grade 8 Hex Head Bolts to aluminum interface plate.					
PROPERTIES:							
DIMENSIONS [in.]				Weight (lb.)	LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Side Axis		Front Axis	Vertical Axis	
23.3	38.0	66.0	901	13.66	23.13	> 50	
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS							
S _{DS} (G)	z/h	I _p	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)	
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							



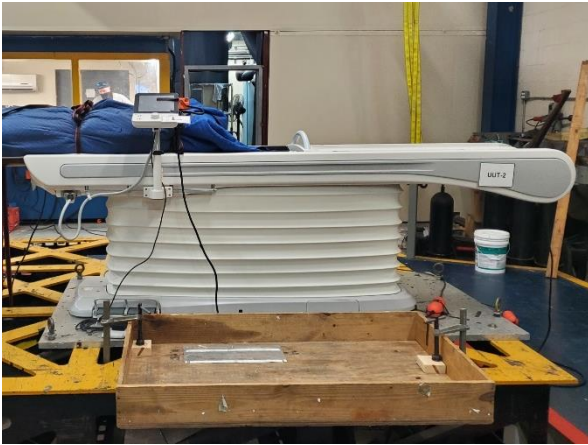
ATTACHMENT 2: TEST SPECIMEN SUMMARY

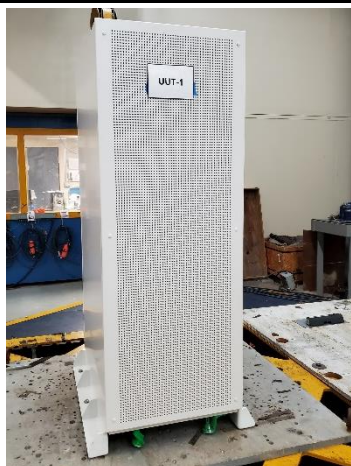
UUT-1906-6 Power Distributor – Type G with UPS Kit						
MANUFACTURER:		Canon Medical Systems Corporation				
IDENTIFICATION:		Model No.: CETF-010B/2A Serial No.: 2AA1967001				
DESCRIPTION:		Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) <u>Includes UPS Kit for Power Distributor</u> Model No.: CEUC-001A/6B Serial No.: 6BB1967002				
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (6) – 1/2" dia. SAE J429 Grade 8 Hex Head Bolts to aluminum interface plate.				
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
33.5	26.8	51.8	1433	9.91	9.93	16.65
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	3.20	2.40	1.68	0.68
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						





UUT-2006-1 Patient Couch – High Capacity – Extended w/ Lateral & CT Fluoro Options						
MANUFACTURER:		Canon Medical Systems Corporation				
IDENTIFICATION:		Model No.: CBTB-032A/8A Serial No.: 8AB2067003				
DESCRIPTION:		Component of Aquilion Prime SP CT System (as tested) <u>Includes Lateral Movement Unit</u> Model No.: CALU-001A / 6B; Serial No.: 6BB2052147 <u>Includes CT Fluoro Option</u> Model No.: TSXF-004A / 3B; Serial No.: 3BA2062034 Requires the use of Seismic Kit: P/N PX79-68940-1 *Patient Test Load of 528 lb not included in component weight Test Configuration: Depth = 151.8" / Height = 34"				
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (6) – 5/8" dia. SAE J429 Grade 5 Hex Head Bolts to aluminum interface plate.				
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Longitudinal Axis	Transverse Axis	Vertical Axis
26.0	113.8 – 197.7*	18.5 – 41.0*	1950*	8.25	3.29	6.86
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	3.20	2.40	1.68	0.68
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						



UUT-2006-2 Patient Couch – High Capacity – Extended w/ CT Fluoro Option						
MANUFACTURER: Canon Medical Systems Corporation						
IDENTIFICATION: Model No.: CBTB-032A/8A Serial No.: 8AB2067003						
DESCRIPTION: Component of Aquilion Prime SP CT System (as tested) <u>Includes CT Fluoro Option</u> Model No.: TSXF-004A / 3B; Serial No.: 3BA2062034 Requires the use of Seismic Kits: ANC-CA-CBTB032 and P/N PX79-68940-1 *Patient Test Load of 528 lb not included in component weight Test Configuration: Depth = 151.8" / Height = 34"						
MOUNTING: <u>Rigid Base (Floor) Mounted:</u> (6) – 5/8" dia. SAE J429 Grade 5 Hex Head Bolts to aluminum interface plate.						
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Longitudinal Axis	Transverse Axis	Vertical Axis
26.0	113.8 – 197.7*	18.5 – 41.0*	1554*	8.88	3.13	8.71
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	3.20	2.40	1.68	0.68
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						


UUT-2202-1 CON Box – Type G with Options and Upgrade						
MANUFACTURER: Canon Medical Systems Corporation						
IDENTIFICATION: Model No.: CKCN-018B/1B Serial No.: 1BC2267022						
DESCRIPTION: Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) Included options: (1) AiCE/FIRST Model No.: CCRS-003A/1C Serial No.: 2CB2267004 (2) Display Console Kit Model No.: CGS-94A/2B Serial No.: 2BA2267009 (3) Console Upgrade Kit Model No.: CGS-102A/2C Serial No.: 2CA2267001 Requires use of Seismic Kit: ANC-CA-001CONB						
MOUNTING: <u>Rigid Base (Floor) Mounted:</u> (6) – 1/2" dia. SAE J429 Grade 5 Hex Head Bolts to aluminum interface plate.						
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
23.2	38.0	66.0	883	13.53	20.01	> 50
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
S _{DS} (G)	z/h	I _p	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0 2.5	1 0	1.5	3.20	2.40	1.68	0.68
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						


UUT-2202-2 NAVI Box – Type A with Optional Console Upgrade Kit						
MANUFACTURER: Canon Medical Systems Corporation						
IDENTIFICATION: Model No.: KCCN-018B/1B Serial No.: 1BC2267022						
DESCRIPTION: Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) Included Options: Console Upgrade Kit Model No.: CGS-102A/2C Serial No.: 2CA2267001 Requires use of Seismic Kit: ANC-CA-002NAVI						
MOUNTING: <u>Countertop Anchored (CTA) mounted</u> using (4) #10 x 3/4" Flat Head Wood Screws through external brackets included in seismic kit into 1-1/8" thick Plywood						
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Front Axis	Side Axis	Vertical Axis
7.9	12.2	13.8	28	29.36	27.91	27.58
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	3.20	2.40	1.68	0.68
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

UUT-2202-3 Control Pad						
MANUFACTURER: Canon Medical Systems Corporation						
IDENTIFICATION: Part No.: BSX74-3199*B Serial No.: 2250037						
DESCRIPTION: Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) Requires use of Seismic Kit: ANC-CA-001CTCP						
MOUNTING: <u>Countertop Anchored (CTA) mounted</u> using (1) 1/2" x 7.5" strip and (2) 1/2" x 2.5" strips 3M Dual Lock (SJ3540 to SJ3540) on 1-1/8" thick Plywood with control pad case feet removed						
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
11.7	3.6	2.4	1.9	29.25	27.91	28.24
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
S _{DS} (G)	z/h	I _p	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0 2.5	1 0	1.5	3.20	2.40	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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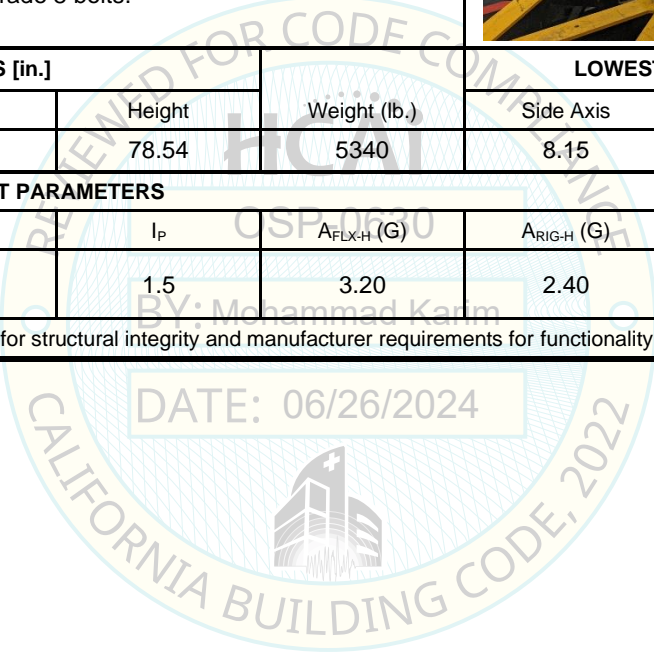
UUT-2202-4 Monitor 27" LCD on Standard Mount						
MANUFACTURER: Shenzhen Beacon Display Technology Co., Ltd.						
IDENTIFICATION: Part No.: BSX75-0608E*A Serial No.: CL2713*A22150014						
DESCRIPTION: Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) 27" LCD Monitor including standard mount <p style="text-align: right;">*Tested at 21" height</p>						
MOUNTING: Countertop Anchored (CTA) mounted using (4) #10 x 1-3/4" Flat Head Wood Screws into 1-1/8" thick Plywood						
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
25.4	9.9	18.3 – 21.4*	26.5	4.56	4.04	4.12
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	3.20	2.40	1.68	0.68
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

UUT-2202-5 Monitor 27" LCD with Optional Peerless-AV Mount						
MANUFACTURER: Shenzhen Beacon Display Technology Co., Ltd.						
IDENTIFICATION: Part No.: BSX75-0608E*A Serial No.: CL2713*A21150006						
DESCRIPTION: Component of Aquilion ONE / PRISM Edition CT System (TSX-306A/3) (as tested) 27" LCD Monitor w/ Optional Peerless-AV LCT100S Desktop Mount						
MOUNTING: Countertop Anchored (CTA) mounted using (1) M10 Bolt w/ nut and grommet included in LCT100S Desktop Mount through 1-1/8" thick Plywood						
PROPERTIES:						
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
25.4	8	19	21.5	5.21	9.46	9.33
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	3.20	2.40	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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UUT-2301-1 Aquilion CT Scanner Gantry – Type H						
MANUFACTURER:		Canon Medical Systems Corporation				
IDENTIFICATION:		ID No.: CGGT-046A/1A Serial No.: 1AA2352002				
DESCRIPTION:		Component of Aquilion ONE / INSIGHT Edition System (as tested) <u>Includes Gantry Rear Panel Kit option</u> ID No.: CAGP-008A/1B <u>Includes Gantry Illumination Kit Option</u> ID No.: CGLT-002A/1B				
MOUNTING:		Rigid Base (Floor) mounted using (8) – ¾” diameter SAE J429 Grade 8 bolts.				
DIMENSIONS [in.]				LOWEST RESONANT FREQUENCY [Hz]		
Width	Depth	Height	Weight (lb.)	Side Axis	Front Axis	Vertical Axis
91.73	37.8	78.54	5340	8.15	7.18	7.68
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	1	1.5	3.20	2.40	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						



DATE: 06/26/2024