



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP – 0174 – 10

OSHPD Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Canon Medical Systems Corporation

Manufacturer's Technical Representative: Greg Patterson

Mailing Address: 2441 Michelle Drive, Tustin CA 92780

Telephone: On File

Email: On File

Product Information

Product Name: AQUILION CT SYSTEMS

Product Type: Computed Tomography (CT) medical diagnostic imaging systems

Product Model Number: See Attachment 1

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

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. Enhancements to the standard manufactured product present in the units tested shall be incorporated into the certified units.

Mounting Description: Rigid base mounted (i.e. floor mounted), except as noted in Attachment 1, Table 1.

Applicant Information

Applicant Company Name: EASE

Contact Person: JONATHAN ROBERSON, S.E.

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

Telephone: (909) 606-7622

Email: j.roberson@easeco.com

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

Signature of Applicant: 

Date: October 1, 2019

Title: Principal Engineer

Company Name: EASE

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



**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

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

Company Name: EASE

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

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): _____
- _____
- _____

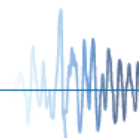
Testing Laboratory

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





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

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, Table 2

S_{DS} (Design spectral response acceleration at short period, g) = See Attachment 1, Table 2

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

R_p (Equipment or component response modification factor) = 1½ (Gantry & Patient Tables) / 2½ (others)

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

I_p (Importance factor) = 1.5

z/h (Height factor ratio) = See Attachment 1, Table 2

Equipment or Component Natural Frequencies (Hz) = See Attachment 2

Overall dimensions and weight (or range thereof) = See Attachment 1, Table 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-0174-10

Ω_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: 12/09/2019

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

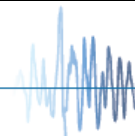
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2022

Signature: [Signature] Date: December 9, 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: SEISMIC CERTIFIED SYSTEMS & COMPONENTS ^[4]

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION ^[2]							
System	AQUILION CT SCANNER SYSTEMS				MODEL NO.			
	Aqilion ONE Genesis CT System				TSX - 305A/3			
	Aqilion Lightning 40/80/160 CT Scanner System				TSX - 036A/4			
	Aqilion Lightning CT Scanner System				TSX - 035A/5			
	Aqilion ONE VISION CT Scanner System				TSX - 301C/1; TSX - 301C/3			
	Aqilion ONE 640 CT Scanner System				TSX - 301A/2; TSX - 301C/2; TSX - 301C/4			
	Aqilion Premium 320 CT Scanner System				TSX - 301B/1; TSX - 301C/5			
	Aqilion LB (Large Bore) CT Scanner System				TSX - 201A/1; TSX - 201A/2			
	Aqilion PRIME SP CT Scanner System				TSX - 303B/1; TSX - 303B/4			
	Aqilion PRIME 160 / 80 / 40 CT Scanner System				TSX - 303A/A; TSX - 303A/F			
	Aqilion PRIME 160 Series CT Scanner System				TSX - 302A/1			
	Aqilion PRIME 80 Series CT Scanner System				TSX - 302A/2			
	Aqilion RXL CT Scanner System				TSX - 101A/R			
	Aqilion CX CT Scanner System				TSX - 101A/N			
	Aqilion 64 CT Scanner System				TSX - 101A/J			
	Aqilion 32 CT Scanner System				TSX - 101A/K			
	Aqilion 16 CT Scanner System				TSX - 101A/L			
	Aqilion 8 CT Scanner System				TSX - 101A/M			
	Aqilion 4 CT Scanner System				TSX - 101A/9			
VeloCT Encore Upgrade with AIDR 3D				Upgrade for existing Aquilion 32, 64 and CX systems				
VeloCT Console Upgrade				Upgrade for existing Aquilion ONE systems				
COMPONENT		MODEL NO.	DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS ^[1]
			W	D	H			
GANTRY		---	---	---	---	---	---	---
Aqilion CT Scanner Gantry – Type A		CGGT-024A/1A	95.7	42.1	79.9	5754	Floor	UUT-A2 UUT-C1
Aqilion CT Scanner Gantry – Type A		CGGT-024A/1B	95.7	42.1	79.9	5754	Floor	SAME
Aqilion CT Scanner Gantry – Type A		CGGT-027A/1A	95.7	42.1	79.9	5466	Floor	INT
Aqilion CT Scanner Gantry – Type A		CGGT-030A/1A	95.7	42.1	79.9	5905	Floor	UUT-E6
Aqilion CT Scanner Gantry – Type B		CGGT-020A/1C	88.1	39.8	82.9	4079	Floor	INT
Aqilion CT Scanner Gantry – Type B		CGGT-020A/2A	88.1	39.8	82.9	4079	Floor	INT
Aqilion CT Scanner Gantry – Type B		CGGT-020A/3A	88.1	39.8	82.9	4079	Floor	INT
Aqilion CT Scanner Gantry – Type C		CGGT-021A/2B	91.7	37.8	76.7	3859	Floor	INT
Aqilion CT Scanner Gantry – Type C		CGGT-021A/1A	91.7	37.8	76.7	3859	Floor	INT
Aqilion CT Scanner Gantry – Type C		CGGT-021A/2A	91.7	37.8	76.7	3859	Floor	INT
Aqilion CT Scanner Gantry – Type C		CGGT-018B/1A	91.7	37.8	76.7	3859	Floor	SAME
Aqilion CT Scanner Gantry – Type C		CGGT-018B/2A	91.7	37.8	76.7	3859	Floor	INT
Aqilion CT Scanner Gantry – Type C		CGGT-18A/1C	91.7	37.8	76.7	3859	Floor	UUT-B7
Aqilion CT Scanner Gantry – Type D		CGGT-032A/2A	84.65	34.25	73	4012	Floor	UUT-F1
Aqilion CT Scanner Gantry – Type D		CGGT-032A/3A	84.7	34.25	73	4061	Floor	UUT-1703-4
Aqilion CT Scanner Gantry – Type E		CGGT-034A/3D	80.7	37.8	75.2	2977	Floor	UUT-G9
Aqilion CT Scanner Gantry – Type E		CGGT-037A/1D	80.7	37.8	75.2	3197	Floor	UUT-1703-1
Aqilion CT Scanner Gantry – Type G		CGGT-036A/1A	89.4	37.8	75.8	5159	Floor	UUT-G2
PATIENT COUCH ^[3]								
Patient Couch – High Capacity – Extended		CBTB-021A/1A	26	113.8 / 197.7	18.5 / 44.4	1540	Floor	UUT-A1
• w/ Optional Lateral Movement Kit		CALU-001A/1C	---	---	---	396		
Patient Couch – High Capacity – Extended		CBTB-026A/1A	26	113.8 / 197.7	18.5 / 44.4	1540	Floor	SAME
• w/ Optional Lateral Movement Kit		CALU-001A/1C	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Extended		CBTB-032A/1A	26	113.8 / 197.7	18.5 / 41	1512	Floor	UUT-E2A

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS ^[4]

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION ^[2]						
System	AQUILION CT SCANNER SYSTEMS Aquilion ONE Genesis CT System Aquilion Lightning 40/80/160 CT Scanner System Aquilion Lightning CT Scanner System Aquilion ONE ViSION CT Scanner System Aquilion ONE 640 CT Scanner System Aquilion Premium 320 CT Scanner System Aquilion LB (Large Bore) CT Scanner System Aquilion PRIME SP CT Scanner System Aquilion PRIME 160 / 80 / 40 CT Scanner System Aquilion PRIME 160 Series CT Scanner System Aquilion PRIME 80 Series CT Scanner System Aquilion RXL CT Scanner System Aquilion CX CT Scanner System Aquilion 64 CT Scanner System Aquilion 32 CT Scanner System Aquilion 16 CT Scanner System Aquilion 8 CT Scanner System Aquilion 4 CT Scanner System VeloCT Encore Upgrade with AIDR 3D VeloCT Console Upgrade						
	MODEL NO. TSX - 305A/3 TSX - 036A/4 TSX - 035A/5 TSX - 301C/1; TSX - 301C/3 TSX - 301A/2; TSX - 301C/2; TSX - 301C/4 TSX - 301B/1; TSX - 301C/5 TSX - 201A/1; TSX - 201A/2 TSX - 303B/1; TSX - 303B/4 TSX - 303A/A; TSX - 303A/F TSX - 302A/1 TSX - 302A/2 TSX - 101A/R TSX - 101A/N TSX - 101A/J TSX - 101A/K TSX - 101A/L TSX - 101A/M TSX - 101A/9 Upgrade for existing Aquilion 32, 64 and CX systems Upgrade for existing Aquilion ONE systems						
COMPONENT	MODEL NO.	DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS ^[1]
		W	D	H			
Patient Couch – High Capacity – Extended	CBTB-032A/1A	26	113.75 / 197.7	18.5 / 41	1512	Floor	UUT-F2
• w/ Optional Lateral Movement Kit	CALU-001A/3C	---	---	---	312	Floor	
Patient Couch – High Capacity – Extended	CBTB-032A/2A	26	113.8 / 197.7	18.5 / 41	1512	Floor	SAME
Patient Couch – High Capacity – Extended	CBTB-032A/3A	26	113.8 / 197.7	18.5 / 41	1512	Floor	SAME
Patient Couch – High Capacity – Extended	CBTB-032A/4A	26	113.8 / 197.7	18.5 / 41	1512	Floor	SAME
• w/ Optional Lateral Movement Kit	CALU-001A/1C	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Extended	CBTB-032A/5A	26	113.8 / 197.7	18.5 / 41	1512	Floor	SAME
• w/ Optional Lateral Movement Kit	CALU-001A/4C	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Extended	CBTB-032A/6A	26	113.8 / 197.7	18.5 / 41	1512	Floor	SAME
Patient Couch – High Capacity – Extended	CBTB-032A/7A	26	113.8 / 197.7	18.5 / 41	1512	Floor	SAME
• w/ Tech Assist Lateral Table Slide	CALU-001A/5B	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Extended	CBTB-032A/8A	26	113.8 / 197.7	14.7 / 37	1512	Floor	INT
• w/ Tech Assist Lateral Table Slide	CALU-001A/6B	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Extended	CBTB-023A/1A	26	113.8 / 197.7	18.5 / 44.4	1540	Floor	INT
Patient Couch – High Capacity – Compact	CBTB-021B/1A	26	94 / 158.4	18.5 / 44.4	1440	Floor	INT
• w/ Optional Lateral Movement Kit	CALU-001A/1C	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Compact	CBTB-026B/1A	26	94 / 158.4	18.5 / 44.4	1440	Floor	INT
• w/ Optional Lateral Movement Kit	CALU-001A/1C	---	---	---	396	Floor	SAME

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 3 OF 12

TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS ^[4]

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION ^[2]						
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	MODEL NO. TSX - 305A/3 TSX - 036A/4 TSX - 035A/5 TSX - 301C/1; TSX - 301C/3 TSX - 301A/2; TSX - 301C/2; TSX - 301C/4 TSX - 301B/1; TSX - 301C/5 TSX - 201A/1; TSX - 201A/2 TSX - 303B/1; TSX - 303B/4 TSX - 303A/A; TSX - 303A/F TSX - 302A/1 TSX - 302A/2 TSX - 101A/R TSX - 101A/N TSX - 101A/J TSX - 101A/K TSX - 101A/L TSX - 101A/M TSX - 101A/9 Upgrade for existing Aquilion 32, 64 and CX systems Upgrade for existing Aquilion ONE systems						
COMPONENT	MODEL NO.	DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS ^[1]
		W	D	H			
Patient Couch – High Capacity – Compact	CBTB-032B/1A	26	94.1 / 158.4	18.5 / 41	1445	Floor	INT
• w/ Optional Lateral Movement Kit	CALU-001A/3C	---	---	---	312	Floor	SAME
Patient Couch – High Capacity – Compact	CBTB-032B/2A	26	94.1 / 158.4	18.5 / 41	1445	Floor	INT
Patient Couch – High Capacity – Compact	CBTB-032B/3A	26	94.1 / 158.4	18.5 / 41	1445	Floor	INT
Patient Couch – High Capacity – Compact	CBTB-032B/4A	26	94.1 / 158.4	18.5 / 41	1445	Floor	INT
• w/ Optional Lateral Movement Kit	CALU-001A/1C	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Compact	CBTB-032B/5A	26	94.1 / 158.4	18.5 / 41	1445	Floor	INT
• w/ Optional Lateral Movement Kit	CALU-001A/4C	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Compact	CBTB-032B/6A	26	94.1 / 158.4	18.5 / 41	1445	Floor	INT
Patient Couch – High Capacity – Compact	CBTB-032B/7A	26	94.1 / 158.4	18.5 / 41	1445	Floor	INT
• w/ Tech Assist Lateral Table Slide	CALU-001A/5B	---	---	---	396	Floor	SAME
Patient Couch – High Capacity – Compact	CBTB-032B/8A	26	94.1 / 158.4	14.7 / 37	1445	Floor	INT
• w/ Tech Assist Lateral Table Slide	CALU-001A/6B	---	---	---	396	Floor	SAME
Patient Couch – Extended	CBTB-020A/1A	24.8	105.9 / 179.2	15.4 / 41.1	990	Floor	INT
Patient Couch – Extended	CBTB-019A	24.8	105.9 / 179.2	15.4 / 41.1	990	Floor	INT
Patient Couch – Extended	CBTB-016A/1A	24.4	105.9 / 179.2	15.4 / 41.1	990	Floor	UUT-B1
Patient Couch – Compact	CBTB-016B	24.4	94.1 / 152.8	15.4 / 41.1	946	Floor	INT
Patient Couch – Compact	CBTB-020B/1A	24.4	94.1 / 152.8	15.4 / 41.1	946	Floor	INT

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 4 OF 12

TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS ^[4]

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION ^[2]						
System	AQUILION CT SCANNER SYSTEMS Aquilion ONE Genesis CT System Aquilion Lightning 40/80/160 CT Scanner System Aquilion Lightning CT Scanner System Aquilion ONE VISION CT Scanner System Aquilion ONE 640 CT Scanner System Aquilion Premium 320 CT Scanner System Aquilion LB (Large Bore) CT Scanner System Aquilion PRIME SP CT Scanner System Aquilion PRIME 160 / 80 / 40 CT Scanner System Aquilion PRIME 160 Series CT Scanner System Aquilion PRIME 80 Series CT Scanner System Aquilion RXL CT Scanner System Aquilion CX CT Scanner System Aquilion 64 CT Scanner System Aquilion 32 CT Scanner System Aquilion 16 CT Scanner System Aquilion 8 CT Scanner System Aquilion 4 CT Scanner System VeloCT Encore Upgrade with AIDR 3D VeloCT Console Upgrade						
	MODEL NO. TSX - 305A/3 TSX - 036A/4 TSX - 035A/5 TSX - 301C/1; TSX - 301C/3 TSX - 301A/2; TSX - 301C/2; TSX - 301C/4 TSX - 301B/1; TSX - 301C/5 TSX - 201A/1; TSX - 201A/2 TSX - 303B/1; TSX - 303B/4 TSX - 303A/A; TSX - 303A/F TSX - 302A/1 TSX - 302A/2 TSX - 101A/R TSX - 101A/N TSX - 101A/J TSX - 101A/K TSX - 101A/L TSX - 101A/M TSX - 101A/9 Upgrade for existing Aquilion 32, 64 and CX systems Upgrade for existing Aquilion ONE systems						
COMPONENT	MODEL NO.	DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS ^[1]
		W	D	H			
Patient Couch – Compact	CBTB-019B	24.4	94.1 / 152.8	15.4 / 41.1	946	Floor	INT
Patient Couch – Extended	CBTB-028A/1A	24.8	105.9 / 179.2	15.4 / 41.1	1070	Floor	UUT-D1
Patient Couch – Extended	CBTB-030A/1A	24.8	105.9 / 179.2	15.4 / 41.1	1070	Floor	SAME
Patient Couch – Compact	CBTB-028B/1A	24.8	94.1 / 152.8	15.4 / 41.1	993	Floor	INT
Patient Couch – Compact	CBTB-030B/1A	24.8	94.1 / 152.8	15.4 / 41.1	993	Floor	INT
POWER DISTRIBUTOR							
Power Distributor – Type A	CETF-006A/2A	35.44	30.3	38.75	1197	Floor	UUT-A3
Power Distributor – Type A	CETF-006A/3A	35.44	30.3	38.75	1197	Floor	SAME
Power Distributor – Type A	CETF-006A/6A	35.44	30.3	38.75	1197	Floor	INT
Power Distributor – Type A	CETF-006A/7A	35.44	30.3	38.75	1197	Floor	INT
• w/ UPS Kit for Power Distributor	CEUC-001B/1B	---	---	---			INT
Power Distributor – Type B	CETF-010A/1A	34.65	32.09	51.77	1670	Floor	UUT-E11
Power Distributor – Type B	CETF-010A/1A	34.65	32.09	51.77	1670	Floor	SAME
• w/ UPS Kit for Power Distributor	CEUC-001A/5B	---	---	---			INT
Power Distributor – Type C	CETF-006B/1A	33.86	27.56	52.36	1359	Floor	UUT-E5
Power Distributor – Type C	CETF-006B/1A	33.86	27.56	52.36	1364	Floor	UUT-F3
• w/ UPS Kit for Power Distributor	CEUC-001A/2B	---	---	---			
Power Distributor – Type D	CETF-006C/2A	33.5	26.8	48.8	1238	Floor	UUT-1703-7
• w/ UPS Kit for Power Distributor	CEUC-001B/4B	---	---	---			
Power Distributor - Type E w/	CETF-013A/1A	27.6	27.4	38.3	1037	Floor	UUT-G11
• UPS Kit for Power Distributor	CEUC-001B/3B	-	-	-	-	-	
Power Distributor - Type E w/	CETF-016A/1A	27.6	27.4	38.3	1037	Floor	SAME
• UPS Kit for Power Distributor	CEUC-001B/3B	-	-	-			(as UUT-G11)

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS ^[4]

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION ^[2]						
System	AQUILION CT SCANNER SYSTEMS Aquilion ONE Genesis CT System Aquilion Lightning 40/80/160 CT Scanner System Aquilion Lightning CT Scanner System Aquilion ONE ViSION CT Scanner System Aquilion ONE 640 CT Scanner System Aquilion Premium 320 CT Scanner System Aquilion LB (Large Bore) CT Scanner System Aquilion PRIME SP CT Scanner System Aquilion PRIME 160 / 80 / 40 CT Scanner System Aquilion PRIME 160 Series CT Scanner System Aquilion PRIME 80 Series CT Scanner System Aquilion RXL CT Scanner System Aquilion CX CT Scanner System Aquilion 64 CT Scanner System Aquilion 32 CT Scanner System Aquilion 16 CT Scanner System Aquilion 8 CT Scanner System Aquilion 4 CT Scanner System VeloCT Encore Upgrade with AIDR 3D VeloCT Console Upgrade						
	MODEL NO. TSX - 305A/3 TSX - 036A/4 TSX - 035A/5 TSX - 301C/1; TSX - 301C/3 TSX - 301A/2; TSX - 301C/2; TSX - 301C/4 TSX - 301B/1; TSX - 301C/5 TSX - 201A/1; TSX - 201A/2 TSX - 303B/1; TSX - 303B/4 TSX - 303A/A; TSX - 303A/F TSX - 302A/1 TSX - 302A/2 TSX - 101A/R TSX - 101A/N TSX - 101A/J TSX - 101A/K TSX - 101A/L TSX - 101A/M TSX - 101A/9 Upgrade for existing Aquilion 32, 64 and CX systems Upgrade for existing Aquilion ONE systems						
COMPONENT	MODEL NO.	DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS ^[1]
		W	D	H			
Power Distributor - Type G w/	CETF-010B/1A	32.3	26.8	51.8	1389	Floor	UUT-G5
• UPS Kit for Power Distributor	CEUC-001A/6B	---	---	---			
RECONSTRUCTION UNIT 1							
Reconstruction Unit 1 – Type A	CKCN-015A/1A	26.38	36 5/8	60.5	840	Floor	UUT-A4
Reconstruction Unit 1 – Type A	CKCN-015A/2A	26.38	36 5/8	60.5	840	Floor	SAME
Reconstruction Unit 1 – Type A	CKCN-015B/3A	26.38	36.42	60.63	881	Floor	UUT-E9
Reconstruction Unit 1 – Type A	CKCN-015B/5A	26.38	36.42	60.63	881	Floor	SAME
Reconstruction Unit 1 – Type B	CKCN-012B/5A	34.3	35.4	57.9	573	Floor	INT
Reconstruction Unit 1 – Type C	CKCN-012C/5A	17.7	32.1	27.6	176	Floor	INT
Reconstruction Unit 1 – Type D	CKCN-012C/7A	17.7	32.1	27.6	220	Floor	UUT-B2
Reconstruction Unit 1 – Type F	CKCN-016B/4A	17.7	32.1	27.6	309	Floor	INT
Reconstruction Unit 1 – Type F	CKCN-016B/5A	17.7	32.1	27.6	309	Floor	INT
Reconstruction Unit 1 – Type E	CKCN-016A/3B	23.2	37.6	49.2	679	Floor	UUT-E4
Reconstruction Unit 1 – Type E	CKCN-016A/2A	23.2	37.6	49.2	559	Floor	UUT-D2
Reconstruction Unit 1 – Type E	CKCN-016A/4A	23.2	37.6	49.2	559	Floor	INT
Reconstruction Unit 1 – Type E	CKCN-016A/5A	23.2	37.6	49.2	559	Floor	INT
Reconstruction Unit 1 – Type E	CKCN-016A/6A	23.2	37.6	49.2	559	Floor	INT
Reconstruction Unit 1 – Type E	CKCN-016C/3A	23.2	37.6	49.2	675	Floor	INT
Reconstruction Unit 1 – Type E	CKCN-016C/5A	23.2	37.6	49.2	675	Floor	INT
Reconstruction Unit 1 – Type E	CKCN-016C/6A	23.2	37.6	49.2	675	Floor	SAME (D3)
Reconstruction Unit 1 – Type E	CKCN-016C/1A	23.2	37.6	49.2	675	Floor	UUT-D3
Reconstruction Unit 1 – Type E	CKCN-017A/1B	23.2	37.6	49.2	600	Floor	UUT-F5
Reconstruction Unit 1 – Type E	CKCN-017A/2B	23.2	37.6	49.2	600	Floor	SAME
RECONSTRUCTION UNIT 2							
Reconstruction Unit 2 – Type A	CKCN-015A/1A	26.38	36 5/8	60.5	830	Floor	UUT-A5
Reconstruction Unit 2 – Type A	CKCN-015A/2A	26.38	36 5/8	60.5	830	Floor	SAME
Reconstruction Unit 2 – Type A	CKCN-015B/3A	26.38	36.42	60.63	784	Floor	UUT-E10
Reconstruction Unit 2 – Type A	CKCN-015B/5A	26.38	36.42	60.63	784	Floor	SAME

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS ^[4]

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION [2]							
System	AQUILION CT SCANNER SYSTEMS				MODEL NO.			
	Aquilion ONE Genesis CT System				TSX - 305A/3			
	Aquilion Lightning 40/80/160 CT Scanner System				TSX - 036A/4			
	Aquilion Lightning CT Scanner System				TSX - 035A/5			
	Aquilion ONE VISION CT Scanner System				TSX - 301C/1; TSX - 301C/3			
	Aquilion ONE 640 CT Scanner System				TSX - 301A/2; TSX - 301C/2; TSX - 301C/4			
	Aquilion Premium 320 CT Scanner System				TSX - 301B/1; TSX - 301C/5			
	Aquilion LB (Large Bore) CT Scanner System				TSX - 201A/1; TSX - 201A/2			
	Aquilion PRIME SP CT Scanner System				TSX - 303B/1; TSX - 303B/4			
	Aquilion PRIME 160 / 80 / 40 CT Scanner System				TSX - 303A/A; TSX - 303A/F			
	Aquilion PRIME 160 Series CT Scanner System				TSX - 302A/1			
	Aquilion PRIME 80 Series CT Scanner System				TSX - 302A/2			
	Aquilion RXL CT Scanner System				TSX - 101A/R			
	Aquilion CX CT Scanner System				TSX - 101A/N			
	Aquilion 64 CT Scanner System				TSX - 101A/J			
	Aquilion 32 CT Scanner System				TSX - 101A/K			
	Aquilion 16 CT Scanner System				TSX - 101A/L			
Aquilion 8 CT Scanner System				TSX - 101A/M				
Aquilion 4 CT Scanner System				TSX - 101A/9				
VeloCT Encore Upgrade with AIDR 3D				Upgrade for existing Aquilion 32, 64 and CX systems				
VeloCT Console Upgrade				Upgrade for existing Aquilion ONE systems				
COMPONENT		MODEL NO.	DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]
			W	D	H			
CPU								
CPU – Type A		CKCN-015A/1A	17.7	32.1	27.6	331	Floor	UUT-A6
CPU – Type A		CKCN-015A/2A	17.7	32.1	27.6	331	Floor	SAME
CPU – Type A		CKCN-015B/3A	17.7	32.1	27.6	274	Floor	UUT-E8
CPU – Type A		CKCN-015B/5A	17.7	32.1	27.6	274	Floor	SAME
CPU – Type A		CKCN-016A/2A	17.7	32.1	27.6	267	Floor	INT
CPU – Type A		CKCN-016A/4A	17.7	32.1	27.6	267	Floor	INT
CPU – Type A		CKCN-016A/5A	17.7	32.1	27.6	267	Floor	INT
CPU – Type A		CKCN-016A/3B	17.7	32.1	27.6	254	Floor	UUT-E3
CPU – Type A		CKCN-016B/4A	17.7	32.1	27.6	261	Floor	INT
CPU – Type A		CKCN-016B/5A	17.7	32.1	27.6	261	Floor	INT
CPU – Type A		CKCN-016C/1A	17.7	32.1	27.6	267	Floor	INT
CPU – Type A		CKCN-016C/3A	17.7	32.1	27.6	267	Floor	INT
CPU – Type A		CKCN-016C/5A	17.7	32.1	27.6	267	Floor	INT
CPU – Type A		CKCN-016C/6A	17.7	32.1	27.6	280	Floor	UUT-G8
CPU – Type A		CKCN-017A/1B	17.7	32.1	27.6	257	Floor	UUT-F4
CPU – Type A		CKCN-017A/2B	17.7	32.1	27.6	257	Floor	SAME
CPU – Type B		CKCN-012C/5A	17.7	32.1	27.6	265	Floor	INT
CPU – Type C		CKCN-012B/5A	17.7	32.1	27.6	309	Floor	INT
CPU – Type C		CKCN-012C/7A	17.7	32.1	27.6	309	Floor	UUT-B3
CON BOX								
CON Box – Type A		CKCN-018A/3B	25.6	36.2	70.1	1008	Floor	UUT-G4
CON Box – Type A		CKCN-018A/4A	25.6	36.2	70.1	1008	Floor	SAME
CON Box – Type B		CKCN-017B/2B	23.2	37.6	53.7	690	Floor	UUT-1703-6
CON Box – Type B		CKCN-020A/1B	23.2	37.6	53.7	660	Floor	UUT-1703-3
NAVI BOX								
NAVI Box - Type A		CKCN-018A/3B	7.9	12.2	13.8	26	CTA	UUT-G3
NAVI Box - Type A		CKCN-018A/4A	7.9	12.2	13.8	26	CTA	SAME

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS ^[4]

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION [2]							
System	AQUILION CT SCANNER SYSTEMS				MODEL NO.			
	Aqilion ONE Genesis CT System Aqilion Lightning 40/80/160 CT Scanner System Aqilion Lightning CT Scanner System Aqilion ONE vISION CT Scanner System Aqilion ONE 640 CT Scanner System Aqilion Premium 320 CT Scanner System Aqilion LB (Large Bore) CT Scanner System Aqilion PRIME SP CT Scanner System Aqilion PRIME 160 / 80 / 40 CT Scanner System Aqilion PRIME 160 Series CT Scanner System Aqilion PRIME 80 Series CT Scanner System Aqilion RXL CT Scanner System Aqilion CX CT Scanner System Aqilion 64 CT Scanner System Aqilion 32 CT Scanner System Aqilion 16 CT Scanner System Aqilion 8 CT Scanner System Aqilion 4 CT Scanner System VeloCT Encore Upgrade with AIDR 3D VeloCT Console Upgrade				TSX - 305A/3 TSX - 036A/4 TSX - 035A/5 TSX - 301C/1; TSX - 301C/3 TSX - 301A/2; TSX - 301C/2; TSX - 301C/4 TSX - 301B/1; TSX - 301C/5 TSX - 201A/1; TSX - 201A/2 TSX - 303B/1; TSX - 303B/4 TSX - 303A/A; TSX - 303A/F TSX - 302A/1 TSX - 302A/2 TSX - 101A/R TSX - 101A/N TSX - 101A/J TSX - 101A/K TSX - 101A/L TSX - 101A/M TSX - 101A/9 Upgrade for existing Aqilion 32, 64 and CX systems Upgrade for existing Aqilion ONE systems			
COMPONENT		MODEL NO.	DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]
			W	D	H			
NAVI Box - Type A		CKCN-017B/2B	7.9	12.2	13.8	28	CTA	UUT-1703-5
NAVI Box - Type A		CKCN-020A/1B	7.9	12.2	13.8	28	CTA	SAME (UUT-1703-5)
NAVI Box - Type E		CKCN-013C/3A	16.9	27.2	25.4	194	Floor	UUT-G10
FIRST I-REC BOX								
FIRST i-Rec Box		CCRS-001B/1B	14.7	32.2	23.6	217	Floor	UUT-1703-8
LCD MONITOR								
EIZO Radiforce R12 Color LCD Monitor		PX75-05118*A	20	6	14 ¼	18	CTA	UUT-A7 UUT-B4
EIZO Radiforce RS110 Color LCD Monitor		BSX75-0588	16.3	9.9	20	17	CTA	UUT-E12
EIZO LCD Monitor		MX-192	16.3	8.1	16.1-21.5	13	CTA	UUT-G6
Shenzhen Beacon Display Technology LCD Monitor		C16S	16.4	7	15.2 - 20	13	CTA	UUT-G12
KEYBOARD								
Keyboard		BSX74-2564-02	21	9 ¼	3	7	CTA	UUT-E13
Keyboard		BSX74-2564-01	21	9 ¼	3	7	CTA	UUT-E14
Keyboard (scan)		BSX74-2866-01*A	21	9 ¼	3	7	CTA	UUT-G7
Keyboard (display)		BSX74-2866-02*A	21	9 ¼	3	7	CTA	UUT-G13
Keyboard (display)		BSX74-2866-02*B	21	9 ¼	3	7	CTA	SAME (UUT-G13)
Keyboard (display)		BSX74-2866-02*D	21	9 ¼	3	7	CTA	SAME (UUT-G13)
TILT ACTUATOR								
Aquilion 16/8/4		BSX77-5435	--	--	--	---	Gantry	UUT-B7
Mounting	Floor (Rigid Base): a free-standing, base mounted condition 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 fixed furniture Gantry: Located within gantry							
Notes	1. BASIS: • UUT#: Indicates that a test specimen matching these characteristics was tested.							

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS ^[4]

Manufacturer	CANON MEDICAL SYSTEMS CORPORATION [2]						
System	AQUILION CT SCANNER SYSTEMS				MODEL NO.		
	Aquilion ONE Genesis CT System				TSX - 305A/3		
	Aquilion Lightning 40/80/160 CT Scanner System				TSX - 036A/4		
	Aquilion Lightning CT Scanner System				TSX - 035A/5		
	Aquilion ONE ViSION CT Scanner System				TSX - 301C/1; TSX - 301C/3		
	Aquilion ONE 640 CT Scanner System				TSX - 301A/2; TSX - 301C/2; TSX - 301C/4		
	Aquilion Premium 320 CT Scanner System				TSX - 301B/1; TSX - 301C/5		
	Aquilion LB (Large Bore) CT Scanner System				TSX - 201A/1; TSX - 201A/2		
	Aquilion PRIME SP CT Scanner System				TSX - 303B/1; TSX - 303B/4		
	Aquilion PRIME 160 / 80 / 40 CT Scanner System				TSX - 303A/A; TSX - 303A/F		
	Aquilion PRIME 160 Series CT Scanner System				TSX - 302A/1		
	Aquilion PRIME 80 Series CT Scanner System				TSX - 302A/2		
	Aquilion RXL CT Scanner System				TSX - 101A/R		
	Aquilion CX CT Scanner System				TSX - 101A/N		
	Aquilion 64 CT Scanner System				TSX - 101A/J		
	Aquilion 32 CT Scanner System				TSX - 101A/K		
	Aquilion 16 CT Scanner System				TSX - 101A/L		
	Aquilion 8 CT Scanner System				TSX - 101A/M		
	Aquilion 4 CT Scanner System				TSX - 101A/9		
	VeloCT Encore Upgrade with AIDR 3D				Upgrade for existing Aquilion 32, 64 and CX systems		
	VeloCT Console Upgrade				Upgrade for existing Aquilion ONE systems		
COMPONENT	MODEL NO.	DIMENSIONS (IN.)			MAX. WT. (LB.)	MOUNT	BASIS [1]
		W	D	H			
	• SAME: Model is physically, mechanically & electrically the same as test specimen. Difference is limited to model number, color and/or software. • INT (Interpolate or extrapolate): indicates a model that was not specifically tested, and by which seismic qualification was established through evaluation of testing of other, similar models in the product line. 2. All components in table above are manufactured by Toshiba Medical Systems Corporation (TMSC) except as noted. 3. Patient Couch weights do not include the simulated patient loads present during testing: • 660 lb. for "High Capacity" couches • 350 lb. for others 4. Toshiba seismic kits used in the testing programs shall be installed as a necessary condition of Special Seismic Certification. 5. "Tech Assist Lateral Table Slide" is also referred to as "Optional Lateral Movement Kit". Both designations refer to the same component.						

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 2: CERTIFICATION LIMITS

COMPONENT	MODEL NO.	F _P /W _P	S _{DS}	z/h	a _P	R _P	Ω ₀
GANTRY	---	---	---	---	---	---	---
Aquilion CT Scanner Gantry – Type A	CGGT-024A/1A	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
Aquilion CT Scanner Gantry – Type A	CGGT-024A/1B						
Aquilion CT Scanner Gantry – Type A	CGGT-027A/1A						
Aquilion CT Scanner Gantry – Type A	CGGT-030A/1A						
Aquilion CT Scanner Gantry – Type B	CGGT-020A/1C						
Aquilion CT Scanner Gantry – Type B	CGGT-020A/2A						
Aquilion CT Scanner Gantry – Type B	CGGT-020A/3A						
Aquilion CT Scanner Gantry – Type C	CGGT-021A/2B						
Aquilion CT Scanner Gantry – Type C	CGGT-021A/1A						
Aquilion CT Scanner Gantry – Type C	CGGT-021A/2A						
Aquilion CT Scanner Gantry – Type C	CGGT-018B/1A						
Aquilion CT Scanner Gantry – Type C	CGGT-018B/2A						
Aquilion CT Scanner Gantry – Type C	CGGT-18A/1C						
Aquilion CT Scanner Gantry – Type D	CGGT-032A/2A						
Aquilion CT Scanner Gantry – Type D	CGGT-032A/3A						
Aquilion CT Scanner Gantry - Type E	CGGT-034A/3D	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
Aquilion CT Scanner Gantry – Type E	CGGT-037A/1D						
Aquilion CT Scanner Gantry - Type G	CGGT-036A/1A						
PATIENT COUCH ^[3]							
Patient Couch – High Capacity – Extended	CBTB-021A/1A	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
• w/ Optional Lateral Movement Kit	CALU-001A/1C						
Patient Couch – High Capacity – Extended	CBTB-026A/1A						
• w/ Optional Lateral Movement Kit	CALU-001A/1C						
Patient Couch – High Capacity – Extended	CBTB-032A/1A						
Patient Couch – High Capacity – Extended	CBTB-032A/1A						
• w/ Optional Lateral Movement Kit	CALU-001A/3C						
Patient Couch – High Capacity – Extended	CBTB-032A/2A						
Patient Couch – High Capacity – Extended	CBTB-032A/3A						
Patient Couch – High Capacity – Extended	CBTB-032A/4A						
• w/ Optional Lateral Movement Kit	CALU-001A/1C						
Patient Couch – High Capacity – Extended	CBTB-032A/5A						
• w/ Optional Lateral Movement Kit	CALU-001A/4C						
Patient Couch – High Capacity – Extended	CBTB-032A/6A						
Patient Couch – High Capacity – Extended	CBTB-032A/7A						
• w/ Tech Assist Lateral Table Slide	CALU-001A/5B						
Patient Couch – High Capacity – Extended	CBTB-032A/8A						
• w/ Tech Assist Lateral Table Slide	CALU-001A/6B						
Patient Couch – High Capacity – Extended	CBTB-023A/1A						
Patient Couch – High Capacity – Compact	CBTB-021B/1A						
• w/ Optional Lateral Movement Kit	CALU-001A/1C						
Patient Couch – High Capacity – Compact	CBTB-026B/1A						
• w/ Optional Lateral Movement Kit	CALU-001A/1C						
Patient Couch – High Capacity – Compact	CBTB-032B/1A						
• w/ Optional Lateral Movement Kit	CALU-001A/3C						

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 2: CERTIFICATION LIMITS

COMPONENT	MODEL NO.	F _P /W _P	S _{DS}	z/h	a _P	R _P	Ω ₀						
Patient Couch – High Capacity – Compact	CBTB-032B/2A	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½						
Patient Couch – High Capacity – Compact	CBTB-032B/3A												
Patient Couch – High Capacity – Compact	CBTB-032B/4A												
• w/ Optional Lateral Movement Kit	CALU-001A/1C												
Patient Couch – High Capacity – Compact	CBTB-032B/5A												
• w/ Optional Lateral Movement Kit	CALU-001A/4C												
Patient Couch – High Capacity – Compact	CBTB-032B/6A												
Patient Couch – High Capacity – Compact	CBTB-032B/7A												
• w/ Tech Assist Lateral Table Slide	CALU-001A/5B												
Patient Couch – High Capacity – Compact	CBTB-032B/8A												
• w/ Tech Assist Lateral Table Slide	CALU-001A/6B												
Patient Couch – Extended	CBTB-020A/1A												
Patient Couch – Extended	CBTB-019A												
Patient Couch – Extended	CBTB-016A/1A												
Patient Couch – Compact	CBTB-016B												
Patient Couch – Compact	CBTB-020B/1A												
Patient Couch – Compact	CBTB-019B												
Patient Couch – Extended	CBTB-028A/1A												
Patient Couch – Extended	CBTB-030A/1A												
Patient Couch – Compact	CBTB-028B/1A												
Patient Couch – Compact	CBTB-030B/1A												
POWER DISTRIBUTOR													
Power Distributor – Type A	CETF-006A/2A	1.44 1.13	2.0 2.5	1 0	1	2 ½	2						
Power Distributor – Type A	CETF-006A/3A												
Power Distributor – Type A	CETF-006A/6A												
Power Distributor – Type A	CETF-006A/7A												
• w/ UPS Kit for Power Distributor	CEUC-001B/1B												
Power Distributor – Type B	CETF-010A/1A												
Power Distributor – Type B	CETF-010A/1A												
• w/ UPS Kit for Power Distributor	CEUC-001A/5B												
Power Distributor – Type C	CETF-006B/1A												
Power Distributor – Type C	CETF-006B/1A												
• w/ UPS Kit for Power Distributor	CEUC-001A/2B												
Power Distributor - Type E w/	CETF-013A/1A												
• UPS Kit for Power Distributor	CEUC-001B/3B												
Power Distributor - Type E w/	CETF-016A/1A												
• UPS Kit for Power Distributor	CEUC-001B/3B												
Power Distributor - Type G w/	CETF-010B/1A												
• UPS Kit for Power Distributor	CEUC-001A/6B												
Power Distributor – Type D	CETF-006C/2A												
• w/ UPS Kit for Power Distributor	CEUC-001B/4B												
RECONSTRUCTION UNIT 1													
Reconstruction Unit 1 – Type A	CKCN-015A/1A							1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Reconstruction Unit 1 – Type A	CKCN-015A/2A												
Reconstruction Unit 1 – Type A	CKCN-015B/3A												

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 2: CERTIFICATION LIMITS

COMPONENT	MODEL NO.	F _p /W _p	S _{DS}	z/h	a _p	R _p	Ω ₀
Reconstruction Unit 1 – Type A	CKCN-015B/5A	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Reconstruction Unit 1 – Type B	CKCN-012B/5A						
Reconstruction Unit 1 – Type C	CKCN-012C/5A						
Reconstruction Unit 1 – Type D	CKCN-012C/7A						
Reconstruction Unit 1 – Type F	CKCN-016B/4A						
Reconstruction Unit 1 – Type F	CKCN-016B/5A						
Reconstruction Unit 1 – Type E	CKCN-016A/3B						
Reconstruction Unit 1 – Type E	CKCN-016A/2A						
Reconstruction Unit 1 – Type E	CKCN-016A/4A						
Reconstruction Unit 1 – Type E	CKCN-016A/5A						
Reconstruction Unit 1 – Type E	CKCN-016A/6A						
Reconstruction Unit 1 – Type E	CKCN-016C/3A						
Reconstruction Unit 1 – Type E	CKCN-016C/5A						
Reconstruction Unit 1 – Type E	CKCN-016C/6A						
Reconstruction Unit 1 – Type E	CKCN-016C/1A						
Reconstruction Unit 1 – Type E	CKCN-017A/1B						
Reconstruction Unit 1 – Type E	CKCN-017A/2B						
RECONSTRUCTION UNIT 2							
Reconstruction Unit 2 – Type A	CKCN-015A/1A	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Reconstruction Unit 2 – Type A	CKCN-015A/2A						
Reconstruction Unit 2 – Type A	CKCN-015B/3A						
Reconstruction Unit 2 – Type A	CKCN-015B/5A						
CPU							
CPU – Type A	CKCN-015A/1A	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
CPU – Type A	CKCN-015A/2A						
CPU – Type A	CKCN-015B/3A						
CPU – Type A	CKCN-015B/5A						
CPU – Type A	CKCN-016A/2A						
CPU – Type A	CKCN-016A/4A						
CPU – Type A	CKCN-016A/5A						
CPU – Type A	CKCN-016A/3B						
CPU – Type A	CKCN-016B/4A						
CPU – Type A	CKCN-016B/5A						
CPU – Type A	CKCN-016C/1A						
CPU – Type A	CKCN-016C/3A						
CPU – Type A	CKCN-016C/5A						
CPU – Type A	CKCN-017A/1B						
CPU – Type A	CKCN-016C/6A						
CPU – Type A	CKCN-017A/2B						
CPU – Type B	CKCN-012C/5A						
CPU – Type C	CKCN-012B/5A						
CPU – Type C	CKCN-012C/7A						
CON BOX							
CON Box - Type A	CKCN-018A/3B CKCN-018A/4A	1.44 1.13	2.0 2.5	1 0	1	2 ½	2

Table continues next page

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

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TABLE 2: CERTIFICATION LIMITS

COMPONENT	MODEL NO.	F _p /W _p	S _{DS}	z/h	a _p	R _p	Ω ₀
CON Box – Type B	CKCN-017B/2B	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
CON Box – Type B	CKCN-020A/1B	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
NAVI BOX							
NAVI Box - Type A	CKCN-018A/3B CKCN-018A/4A	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
NAVI Box - Type A	CKCN-017B/2B	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
NAVI Box - Type A	CKCN-020A/1B	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
NAVI Box - Type E	CKCN-013C/3A	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
FIRST i-REC BOX							
FIRST i-Rec Box	CCRS-001B/1B	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
LCD MONITOR							
EIZO Radiforce R12 Color LCD Monitor	PX75-05118*A	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
EIZO Radiforce RS110 Color LCD Monitor	BSX75-0588						
EIZO LCD Monitor	MX-192						
Shenzhen Beacon Display Technology LCD Monitor	C16S						
KEYBOARD							
Keyboard	BSX74-2564-02	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Keyboard	BSX74-2564-01						
Keyboard (scan)	BSX74-2866-01*A						
Keyboard (display)	BSX74-2866-02*A						
Keyboard (display)	BSX74-2866-02*B						
Keyboard (display)	BSX74-2866-02*D						

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT-A1 Patient Couch High Capacity w/ Couch Lateral Movement Kit

MANUFACTURER:	Toshiba Medical Systems Corporation
IDENTIFICATION:	Model No.: CBTB-021A
	SUP Symbol: N/A
	Serial No.: N/A
DESCRIPTION:	Component of the Aquilion ONE [®] CT Scanner System. *Note: Aquilion ONE renamed to Aquilion ONE 640 Unit full of contents during test.
MOUNTING:	<u>Rigid Base (Floor) Mounted:</u> (6) - 5/8" SAE J429 Grade 5 bolts to interface plate



PROPERTIES:

DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height		F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS
26"	113.8 min. – 197.7 max.	18.5" min. – 44.4" max.	1882 lbs + 660 lb simulated patient load.	4.9	2.8	8.5	1.8

SHAKE TABLE TEST PARAMETERS

CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	4.16	3.12	1.74	0.70

Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

UUT-A2 Toshiba Aquilion ONE[®] CT Scanner Gantry

MANUFACTURER:	Toshiba Medical Systems Corporation		
IDENTIFICATION:	Scanner:	High Voltage Generator:	CT Scanner Gantry:
	Model No.: TSX-301A	Model No.: CXXG-012A	Model No.: CGGT-024A
	SUP Symbol: /2D	SUP Symbol: /2A	SUP Symbol: /1A
	Serial No.: 2DA1012166	Serial No.: 2AA1012177	Serial No.: 1AB1012177
DESCRIPTION:	Component of the Aquilion ONE [®] CT Scanner System. *Note: Aquilion ONE renamed to Aquilion ONE 640 Unit full of contents during test.		
MOUNTING:	<u>Rigid Base (Floor) Mounted:</u> (6) - 3/4" dia. SAE J429 Grade 5 hex head bolts to HSS 8 x 4 x 3/8 interface frame.		



PROPERTIES:

DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height		F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS
95.7	42.1	79.9	5754	6.4	6.3	11.9	5.9

SHAKE TABLE TEST PARAMETERS

CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.34	0.54

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-A3 Toshiba Aquilion ONE* – POWER DISTRIBUTOR

MANUFACTURER:	Toshiba Medical Systems Corporation
IDENTIFICATION:	Model No.: CETF-006A
	Drawing No.: CLX-25152
	SUP Symbol: /2A
	Serial No.: 2AA1012040
DESCRIPTION:	Component of the Aquilion ONE* CT Scanner System. *Note: Aquilion ONE renamed to Aquilion ONE 640 Unit full of contents during test.
MOUNTING:	<u>Rigid Base (Floor) Mounted:</u> (2) - L9 1/2 x 2 1/2 x 3/16" x 3-2 3/4" bracket w/ (4) - 3/8" Dia bolts to cabinet (4) - 3/8" dia. ASTM A574 Socket Head Cap Screws to interface plate



PROPERTIES:

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Weight (lb.)	F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS
35.44	30.3	38.75	1197	25.0	6.9	19.0	6.2

SHAKE TABLE TEST PARAMETERS

CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	4.16	3.12	1.74	0.70

Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

UUT-A4 Toshiba Aquilion ONE* – Reconstruction 19

MANUFACTURER:	Toshiba Medical Systems Corporation
IDENTIFICATION:	Model No.: CKCN-015A SUP Symbol: N/A
	Serial No.: N/A
DESCRIPTION:	Component of the Aquilion ONE* CT Scanner System. *Note: Aquilion ONE renamed to Aquilion ONE 640. Unit full of contents during test.
MOUNTING:	<u>Rigid Base (Floor) Mounted using:</u> (2) - 2" Nylon strap w/ metal ratchet (Erickson 69627) 3300lb working load limit & w/ plastic edge guards between the UUT and straps. Straps are connected to (4) – clevis attached to Dayton 2VKP2 trailer mount accessory. Dayton Trailer mount accessory is attached to (2) - L5 x 3 1/2 x 3/8 x 1' – 6' LLV (one ea. side) (8)-3/8" Dia hex head bolts w/ washers & hex head nuts through base channel of UUT (4 on ea. Side) (4)-3/8" dia. ASTM A574 Socket Head Cap Screws to aluminum plate (2 ea. Side)



PROPERTIES:

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Weight (lb.)	F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS
26.375	36 5/8	60.5	840	13.3	8.5	31.7	5.7

SHAKE TABLE TEST PARAMETERS

CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	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

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UUT-A5 Toshiba Aquilion ONE* – Reconstruction 2

MANUFACTURER:	Toshiba Medical Systems Corporation	
IDENTIFICATION:	Model No.: CKCN-015A	SUP Symbol: N/A
	Serial No.: N/A	
DESCRIPTION:	Component of the Aquilion ONE* CT Scanner System. *Note: Aquilion ONE renamed to Aquilion ONE 640 Unit full of contents during test.	
MOUNTING:	Rigid Base (Floor) Mounted using: (2) - 2" Nylon strap w/ metal ratchet (Erickson 69627) 3300lb working load limit & w/ plastic edge guards between the UUT and straps. Straps are connected to (4) – clevis attached to Dayton 2VKP2 trailer mount accessory. Dayton Trailer mount accessory is attached to (2) - L5 x 3 1/2 x 3/8 x 1' – 6' LLV (one ea. side) (8) - 3/8" Dia hex head bolts w/ washers & hex head nuts through base channel of UUT (4 on ea. Side) (4) - 3/8" dia. ASTM A574 Socket Head Cap Screws to aluminum plate (2 ea. Side)	



PROPERTIES:

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Weight (lb.)	F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS
26.375	36 5/8	60.5	830	10.8	8.2	23.3	6.8

SHAKE TABLE TEST PARAMETERS

CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	4.16	3.12	1.74	0.70

Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

UUT-A6 Toshiba Aquilion ONE* – Central Processing Unit (CPU)

MANUFACTURER:	Toshiba Medical Systems Corporation	
IDENTIFICATION:	Model No.: CKCN-015A	SUP Symbol: /1A
	Serial No.: 1AA1012183	
DESCRIPTION:	Component of the Aquilion ONE* CT Scanner System. *Note: Aquilion ONE renamed to Aquilion ONE 640 Unit full of contents during test.	
MOUNTING:	Rigid Base (Floor) Mounted: (2) - L5 x 3 1/2 x 3/8 x 1' – 6' LLV w/ (4) - #14 x 1 1/2 HH self-tapping SMS to UUT (4) - 3/8" dia. ASTM A574 Socket Head Cap Screws bolts to interface plate	



PROPERTIES:

DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height		F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS
17.7	32.1	27.6	331	> 50	16.6	27.1	18.5

SHAKE TABLE TEST PARAMETERS

CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	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

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UUT-A7				19" LCD Color Monitor				
MANUFACTURER:		EIZO NANAO Corporation						
IDENTIFICATION:		EIZO Radiorace R12 19.0-inch Color LCD Monitor						
		Part No.: 0FTD0604		Serial No.: 64202079				
DESCRIPTION:		Component of the Aquilion ONE* CT Scanner System Unit full of contents during test.						
MOUNTING:		Countertop Anchored: (3) – straps: (2) on the feet & (1) Strap that spans across base of UUT Straps: 1" wide x 0.075" thick Nylon (200lb limit) (4) - screws - #6 x 1" drywall screw & countersink washer						
								
PROPERTIES:				*The 640 Series of the Aquilion ONE was tested.				
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	F/B AXIS		S/S AXIS	VERT AXIS	OFF-AXIS	
20	6	14 ¼	3.4		4.1	6.7	3.1	
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.								

UUT-B1 Aquilion 16 / Patient Couch									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model: CBTB-016A		SUP Symbol: /1A					
		Serial No.: 1AA10X4370							
DESCRIPTION:		Component of the Aquilion 16 CT Scanner System Unit full of contents during test.							
MOUNTING:		Rigid Base Mount: Mounted using (5) – ½" SAE J429 Grade 5 bolts & (2) – 5/16" SAE J429 Grade 5 bolts							
									
PROPERTIES:									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	F/B AXIS		S/S AXIS	VERT AXIS	OFF-AXIS		
94.1 min – 152.8 max	24.4	15.4 min – 41.1 max	1009 + 350 Patient Load	4.5	3.4	9.1	3.1		
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	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

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UUT-B2 Toshiba Aquilion 16 CT Reconstruction Unit 1									
MANUFACTURER: Toshiba Medical Systems Corporation									
IDENTIFICATION: Model: CKCN-012C SUP Symbol: /7A									
Serial No.: 7AB10X2417									
DESCRIPTION: Component of the Aquilion 16 CT Scanner System Unit full of contents during test.									
MOUNTING: Rigid Base (Floor) Mounted: (2)-L5 x 3 1/2 x 3/8 x 1' - 6' LLV w/ (4) - #14 x 1 1/2 HH self-tapping SMS to UUT (4) - 3/8" dia. ASTM A574 Socket Head Cap Screws to interface plate									
PROPERTIES:									
DIMENSIONS (in.)					Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height				F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS
17.7	32.1	27.6			211	33.3	12.7	38.1	21.4
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	4.16	3.12	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

UUT-B3 Aquilion 16 / CPU DATE: 12/09/2019									
MANUFACTURER: Toshiba Medical Systems Corporation									
IDENTIFICATION: Model: CKCN-012C SUP Symbol: /7A									
Serial No.: 7AB10X2417									
DESCRIPTION: Component of the Aquilion 16 CT Scanner System Unit full of contents during test.									
MOUNTING: Rigid Base (Floor) Mounted: (2)-L5 x 3 1/2 x 3/8 x 1' - 6' LLV w/ (4) - #14 x 1 1/2 HH self-tapping SMS to UUT (4) - 3/8" dia. ASTM A574 Socket Head Cap Screws to interface plate									
PROPERTIES:									
DIMENSIONS (in.)					Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height				F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS
17.1	32.1	27.6			290	23.7	16.3	29.6	16.3
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	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

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UUT-B4 Aquilion 16 - 19" LCD Color Monitor								
MANUFACTURER: EIZO NANO Corporation								
IDENTIFICATION: EIZO Radiorce R12 19.0-inch Color LCD Monitor Part No.:OFTD1183 (7SQ) Serial No.: 25364090 (TS)								
DESCRIPTION: Component of the Aquilion 16 CT Scanner System Unit full of contents during test.								
MOUNTING: <u>Rigid Base Mount:</u> Mounted using (3) straps: (2) on the feet & (1) Strap that spans across base of UUT Straps: 1" wide x 0.075" thick Nylon (200lb limit) (4) - #6 x 1" drywall screw & countersink washer								
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS	
14 1/4"	6	20	18	5.8	4.6	10.2	4.2	
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.								

UUT-B7 Toshiba Aquilion 16 Gantry								
MANUFACTURER: Toshiba Medical Systems Corporation								
IDENTIFICATION: Scanner Aquilion: Model: TSX-101A Serial No.: LQA1112167 SUP Symbol: /LQ								
DESCRIPTION: Component of the Aquilion 16 CT Scanner System Required Enhancements for Seismic Qualification: • Tilt Drive & Actuator: Toshiba Model# BSX77-5435 Unit full of contents during test.								
MOUNTING: <u>Rigid Base (Floor) Mounted:</u> (4) - 3/4" dia. SAE J429 Grade 5 bolts to interface frame.								
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS	
91.7	37.8	76.7	3796	5.7	6.8	18.4	5.6	
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	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

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UUT-C1 Aquilion ONE* CT Scanner Gantry									
MANUFACTURER: Toshiba Medical Systems Corporation									
IDENTIFICATION:									
CT Scanner Aquilion ONE*:			CT Scanner Gantry:						
Model No.: TSX-301A			Model No.: CGGT-024A						
SUP Symbol: /2D			SUP Symbol: /1A						
Serial No.: 2DC1152314			Serial No.: 1AB1152339						
DESCRIPTION: Component of the Aquilion ONE CT Scanner System *Note: Aquilion ONE re-named to Aquilion ONE 640 Unit full of contents during test.									
MOUNTING: <u>Rigid Base (Floor) Mounted:</u> (6) – 3/4" dia. SAE J429 Grade 8 hex head bolts w/ doubled washers thru top wall of steel tube interface plate.									
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		F/B AXIS	S/S AXIS	VERT AXIS	OFF-AXIS	
95.7	42.1	79.9	5754		6.6	7.7	6.7	N/A	
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.0	4.16	3.12	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									



UUT- D1 Aquilion RXL Patient Couch - Standard									
MANUFACTURER: Toshiba Medical Systems Corporation									
IDENTIFICATION:									
Model No.: CBTB-028A			SUP Symbol: /1A						
S/N: 1AA1262021									
DESCRIPTION: Component of the Aquilion RXL CT System Unit full of contents during test.									
MOUNTING: <u>Rigid Base (Floor) Mounted:</u> (4) – 1/2" dia. SAE J429 Grade 8 bolts to aluminum interface plate.									
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		X-Axis	Y-Axis	Z-Axis		
24.8	105.9 – 179.2	15.4 – 41.1	1070 + 350 Patient		5.6	8.4	7.9		
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	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

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UUT-D2			Prime Reconstruction Unit					
MANUFACTURER:	Toshiba Medical Systems Corporation							
IDENTIFICATION:	Model No.: CKCN-016A SUP Symbol: /2A							
	S/N: 2AA12X2074							
DESCRIPTION:	Component of the Aquilion Prime CT System Unit full of contents during test.							
MOUNTING:	Rigid Base (Floor) Mounted: (4) – 3/8" dia. ASTM A574 Socket Head Cap Screws through brackets of Toshiba seismic mounting kit "SEIS/ANC-950 Seismic Anchoring Assembly for PRIME & VeloCT" to aluminum interface plate.							
PROPERTIES:								
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)					
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Z-Axis		
23.2	37.6	49.2	558.5 + 81 brackets	13.32	28.35	30.24		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.								

UUT-D3				VeloCT Reconstruction Unit				
MANUFACTURER:		Toshiba Medical Systems Corporation						
IDENTIFICATION:		Model No.: CKCN-016C			SUP Symbol: /1A			
		S/N: 1AA12X2217						
DESCRIPTION:		Component of the Aquilion VeloCT upgrade system Unit full of contents during test.						
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (4) – 3/8" dia. ASTM A574 Socket Head Cap Screws through brackets of Toshiba seismic mounting kit "SEIS/ANC-950 Seismic Anchoring Assembly for PRIME & VeloCT" to aluminum interface plate.						
								
PROPERTIES:								
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	X-Axis		Y-Axis	Z-Axis		
23.2	37.6	49.2	708 + 81 brackets	9.5	22.6	27.5		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	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

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UUT-E2A Patient Couch – High Capacity Extended									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model No.: CBTB-032A SUP Symbol: /1A S/N: 1AA1362015							
DESCRIPTION:		Component of the Aquilion PRIME System. Also common to other Aquilion CT systems Unit full of contents during test.							
MOUNTING:		Rigid Base (Floor) Mounted: (6) – 5/8" dia. SAE J429 Grade 8 Hex Head Bolts to aluminum interface plate.							
									
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		X-Axis	Y-Axis	Z-Axis		
26	113.75 min – 197.9 max	18.5 min – 41 max	1512 + 660 Patient Load		2.8	14.0	6.1		
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

UUT- E3		AQUILION PRIME CPU						
MANUFACTURER:	Toshiba Medical Systems Corporation							
IDENTIFICATION:	Model No.: CKCN-016A SUP Symbol: /3B S/N: 3BB1362034							
DESCRIPTION:	Component of the Aquilion PRIME System. Includes Toshiba Seismic Kit ANC-CA-TSX303A Unit full of contents during test.							
MOUNTING:	<u>Rigid Base (Floor) Mounted:</u> (4) – 3/8" dia. ASTM A574 Socket Head Cap Screws through Toshiba provided mounting bracket to aluminum interface plate.							
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)					
Width	Depth	Height						
17.7	32.1	27.6						
			254	LOWEST RESONANT FREQUENCY (Hz.)				
				X-Axis	Y-Axis	Z-Axis		
			22.8	16.4	12.4			
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	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

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UUT- E4 AQUILION PRIME RECONSTRUCTION UNIT 1									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model No.: CKCN-016A SUP Symbol: /3B S/N: 3BB1362034							
DESCRIPTION:		Component of the Aquilion PRIME System. Includes Toshiba Seismic Kit ANC-CA-TSX303A Unit full of contents during test.							
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (4) – 3/8" dia. SAE J429 Grade 5 Hex Head Bolts through Toshiba-provided bracket to aluminum interface plate.							
									
PROPERTIES:									
DIMENSIONS (in.)					Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	X-Axis				Y-Axis	Z-Axis	
23.2	37.6	49.2	679	25.8				15.0	>50
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

UUT- E5 AQUILION PRIME POWER DISTRIBUTOR									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model No.: CETF-006B SUP Symbol: /1A S/N: 1AA1362022							
DESCRIPTION:		Component of the Aquilion PRIME System. Includes Toshiba Seismic Kit ANC-CA-TSX303A Unit full of contents during test.							
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (6) – 1/2" dia. SAE J429 Grade 8 Hex Head Bolts through Toshiba-provided bracket to aluminum interface plate.							
									
PROPERTIES:									
DIMENSIONS (in.)					Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	X-Axis				Y-Axis	Z-Axis	
33.86	27.56	52.36	1359	14.4				15.6	33.1
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

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UUT- E6				AQUILION ONE ViSION GANTRY				
MANUFACTURER:		Toshiba Medical Systems Corporation						
IDENTIFICATION:		Model No.: CGGT-030A		SUP Symbol: /1A				
		S/N: 1AA12X2018						
DESCRIPTION:		Component of the Aquilion ONE ViSION System. Also common to other Aquilion ONE CT systems. Includes Toshiba Seismic Kit#: ANC-CA-TSX301C Unit full of contents during test.						
MOUNTING:		Rigid Base (Floor) Mounted: (6) – 3/4" dia. SAE J429 Grade 8 Hex Head Bolts through equipment base to HSS interface plate.						
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Z-Axis		
95.69	42.125	79.94	5905	8.1	6.9	14.9		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	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- E8 AQUILION ONE ViSION CPU									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model No.: CKCN-015B SUP Symbol: /3A S/N: 3AA1362014							
DESCRIPTION:		Component of the Aquilion ONE ViSION System. Also common to other Aquilion ONE CT systems. Includes Toshiba Seismic Kit#: ANC-CA-TSX301C Unit full of contents during test.							
MOUNTING:		Rigid Base (Floor) Mounted: (4) – 3/8" dia. ASTM A574 Socket Head Cap Screws through Toshiba-provided bracket to aluminum interface plate.							
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width		Depth	Height	Weight (lb.)	X-Axis		Y-Axis		Z-Axis
17.7		32.1	27.6		23.8		17.7		37.8
SHAKE TABLE TEST PARAMETERS									
CODE		TEST CRITERIA	SDS	z/h	IP	AFLX-H	ARIG-H	AFLX-V	ARIG-V
CBC 2016		ICC-ES AC156	2.6	1.0	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.									

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UUT- E9				AQUILION ONE ViSION RECONSTRUCTION UNIT 1				
MANUFACTURER:		Toshiba Medical Systems Corporation						
IDENTIFICATION:		Model No.: CKCN-015B SUP Symbol: /3A S/N: 3AA1362014						
DESCRIPTION:		Component of the Aquilion ONE ViSION System. Also common to other Aquilion ONE CT systems. Includes Toshiba Seismic Kit#: ANC-CA-TSX301C Unit full of contents during test.						
MOUNTING:		Rigid Base (Floor) Mounted: (4) – 1/2" dia. SAE J429 Grade 5 bolts through Toshiba-provided bracket to aluminum interface plate.						
PROPERTIES:								
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Z-Axis		
26.38	36.42	60.63	881	8.7	15.3	13.7		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.								

UUT- E10 AQUILION ONE ViSION RECONSTRUCTION UNIT 2									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model No.: CKCN-015B SUP Symbol: /3A S/N: 3AA1362014							
DESCRIPTION:		Component of the Aquilion ONE ViSION System. Also common to other Aquilion ONE CT systems. Includes Toshiba Seismic Kit#: ANC-CA-TSX301C Unit full of contents during test.							
MOUNTING:		Rigid Base (Floor) Mounted: (4) – 1/2" dia. SAE J429 Grade 5 bolts through Toshiba-provided bracket to aluminum interface plate.							
PROPERTIES:									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	X-Axis		Y-Axis	Z-Axis			
26.38	36.42	60.63	8.4		14.6	13.7			
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

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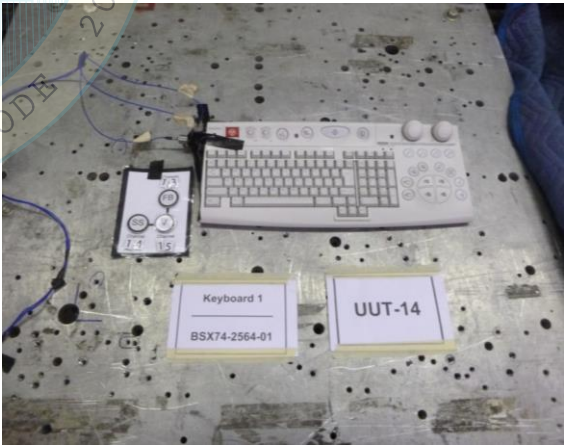
UUT- E11 AQUILION ONE ViSION POWER DISTRIBUTOR									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model No.: CETF-010A		SUP Symbol: /1A					
		S/N: 1AA12X2018							
DESCRIPTION:		Component of the Aquilion ONE ViSION System. Also common to other Aquilion ONE CT systems. Includes Toshiba Seismic Kit#: ANC-CA-TSX301C Unit full of contents during test.							
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (4) – 1/2" dia. SAE J429 Grade 5 Hex Head Bolts through Toshiba-provided bracket to aluminum interface plate.							
									
PROPERTIES:									
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)					
Width	Depth	Height	Weight (lb.)	X-Axis	Y-Axis	Z-Axis			
34.65	32.09	51.77	1670	18.0	9.2	>50			
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

UUT- E12		Monitor EIZO RadiForce RS110						
MANUFACTURER:	EIZO							
IDENTIFICATION:	Model No.: BSX75-0588							
	S/N: 33934092							
DESCRIPTION:	Component common to several Aquilion CT systems Unit full of contents during test.							
MOUNTING:	<u>Countertop Anchored:</u> nylon strap w/ (2)-#6x1" drywall screws through countersink washer into ¾" thick plywood interface plate. Typical each of two legs.							
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		X-Axis	Y-Axis	Z-Axis		
16.3	9.9	20	17	5.8	4.2	4.9		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	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.								

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UUT- E13		Keyboard						
MANUFACTURER:	Toshiba Medical Systems Corporation							
IDENTIFICATION:	Model No.: BSX74-2564-02							
	S/N: C4003666							
DESCRIPTION:	Component common to several Aquilion CT systems Unit full of contents during test.							
MOUNTING:	<u>Countertop Anchored:</u> (2) - 1" wide x 1'-5" long strips of Velcro hoop & loop tape spaced 5.5" apart applied to rear face of specimen and aluminum test plate.							
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		X-Axis	Y-Axis	Z-Axis		
21	9.25	3		39.4	>50	45.3		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	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- E14		Keyboard		DATE : 12/09/2019				
MANUFACTURER:	Toshiba Medical Systems Corporation							
IDENTIFICATION:	Model No.: BSX74-2564-02 S/N: C4003666							
DESCRIPTION:	Component common to several Aquilion CT systems. Unit full of contents during test.							
MOUNTING:	<u>Countertop Anchored:</u> (2) - 1" wide x 1'-5" long strips of Velcro hoop & loop tape spaced 5.5" apart applied to rear face of specimen and aluminum test plate.							
PROPERTIES:								
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	X-Axis		Y-Axis	Z-Axis		
21	9.25	3	7	41.9	43.6	41.8		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	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.								

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UUT- F1 Aquilion PRIME CT Gantry									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model No.: CGGT-032A/2A							
		S/N: 2AA1482094							
DESCRIPTION:		Component of Aquilion PRIME CT System. Unit full of contents during test.							
MOUNTING:		Rigid Base (Floor) Mounted: (8) - 5/8" dia SAE J429 Grade 8							
									
PROPERTIES:									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	X-Axis		Y-Axis	Z-Axis			
84.65	34.25	73	7.5		8.2	25.1			
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70	
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									

UUT- F2 Patient Couch - High Capacity – Extended w/ Optional Lateral Movement Kit								
MANUFACTURER:		Toshiba Medical Systems Corporation						
IDENTIFICATION:		Patient Couch		Lateral Kit				
		Model No.: CBTB-032A/1A		CALU-001A/3C				
		S/N: 1AA1482119		3CA1482083				
DESCRIPTION:		Component of Aquilion PRIME CT System. Unit full of contents during test. 660 lb. Patient Load						
MOUNTING:		Rigid Base (Floor) Mounted; (6) – 5/8" dia SAE J429 Grade 8						
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		X-Axis	Y-Axis	Z-Axis		
26	113.75 – 197.7 max	18.5 min – 41 max		3.0	14.2	6.7		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	1.5	4.16	3.12	1.74	0.70
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.								

ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT- F3		Power Distributor (w/ UPS Kit for Power Distributor)							
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:	Power Distributor		UPS Kit for Power Distributor						
	Model No.: CETF-006B/1A		Model No.: CEUC-001A/2B						
	S/N: 1AA1482317		Serial No.:2BA1482041						
DESCRIPTION:		Component of Aquilion PRIME CT System. Same configuration as UUT-E5 + UPS kit for Power Distributor Unit full of contents during test. <u>Modifications to standard production unit:</u> Toshiba Seismic Kit ANC-CA-TSX303A							
MOUNTING:		Rigid Base (Floor) Mounted: (6) – 1/2" dia. SAE J429 Grade 8 Hex Head Bolts through Toshiba-provided bracket to aluminum interface plate.							
									
PROPERTIES:									
DIMENSIONS (in.)				Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	X-Axis		Y-Axis	Z-Axis			
33.86	27.56	52.36	16.3		28.6	49.2			
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	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- F4		CPU						
MANUFACTURER:		Toshiba Medical Systems Corporation						
IDENTIFICATION:		Model No.:CKCN-017A/1B Serial No.:1BA1482094						
DESCRIPTION:		Component of Aquilion PRIME CT System. Unit full of contents during test. <u>Modifications to standard production unit:</u> Toshiba Seismic Kit ANC-CA-TSX303A						
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (4) – 3/8" dia. ASTM A574 Socket Head Cap Screws						
								
PROPERTIES:								
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height		X-Axis	Y-Axis	Z-Axis		
17.7	32.1	27.6	257	17.1	18.9	29.6		
SHAKE TABLE TEST PARAMETERS								
CODE	TEST CRITERIA	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2016	ICC-ES AC156	2.6	1.0	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

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UUT- F5 Reconstruction Cabinet 1									
MANUFACTURER:		Toshiba Medical Systems Corporation							
IDENTIFICATION:		Model No.: KCCN-017A/1B Serial No.:1BA1482094							
DESCRIPTION:		Component of Aquilion PRIME CT System. Unit full of contents during test. <u>Modifications to standard production unit:</u> Toshiba Seismic Kit ANC-CA-TSX303A							
MOUNTING:		<u>Rigid Base (Floor) Mounted:</u> (4) - 3/8" dia. ASTM A574 Socket Head Cap Screws							
PROPERTIES:									
DIMENSIONS (in.)					LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)		X-Axis	Y-Axis	Z-Axis		
23.2	37.6	49.2	600		17.1	16.4	26.5		
SHAKE TABLE TEST PARAMETERS									
CODE	TEST CRITERIA	S _{DS}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2016	ICC-ES AC156	2.6	1.0	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.									



DATE: 12/09/2019

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UUT-G2 Aquilion CT Scanner Gantry - Type G						
MANUFACTURER:			Toshiba Medical Systems Corporation			
IDENTIFICATION:			Model No.: CGGT-036A/1A			
DESCRIPTION:			Component of the Aquilion ONE Genesis CT system. Toshiba seismic anchorage kit model: ANC-CA-TSX305A Unit full of contents during test.			
MOUNTING:			Rigid Base (Floor) mounted using (6) – ¾" diameter SAE J429 Grade 8 bolts.			
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
89.4	37.8	75.8		9.1	8.8	24.1
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2016 CBC		
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-G3			NAVI Box - Type A			
MANUFACTURER:			Toshiba Medical Systems Corporation			
IDENTIFICATION:			Model No.: CKCN-018A/3B			
DESCRIPTION:			Component of the Aquilion ONE Genesis Series CT system. Toshiba seismic anchorage kit model: ANC-CA-TSX305A Unit full of contents during test.			
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.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height		Front-Axis	Side -Axis	Vert-Axis
7.9	12.2	13.8	26	20.2	21.7	31.6
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2016 CBC
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	1.0	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.						

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UUT-G4 CON Box - Type A						
MANUFACTURER:			Toshiba Medical Systems Corporation			
IDENTIFICATION:			Model No.: CKCN-018A/3B			
DESCRIPTION:			Component of the Aquilion ONE Genesis Series CT system. Toshiba seismic anchorage kit model: ANC-CA-TSX305A Unit full of contents during test.			
MOUNTING:			Rigid Base (Floor) mounted using (6) - 5/8" SAE J429 Grade 8 bolts through manufacturer-provided mounting brackets.			
				LOWEST RESONANT FREQUENCY (Hz.)		
DIMENSIONS (in.)						
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
25.6	36.2	70.1	1008	11.2	19.2	>50
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2016 CBC		
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
CBC 2016. Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

UUT-G5 Power Distributor - Type G w/ UPS Kit for Power Distributor							
MANUFACTURER:			Toshiba Medical Systems Corporation				
IDENTIFICATION:			Power Distributor CETF-010B/1A				UPS Kit CEUC-001A/6B
DESCRIPTION:			Component of the Aquilion ONE Genesis Series CT system. Toshiba seismic anchorage kit model: ANC-CA-TSX305A Unit full of contents during test.				
MOUNTING:			Rigid Base (Floor) mounted using (6) – ½” dia SAE J429 Grade 8 bolts through manufacturer-provided mounting brackets.				
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height		Side-Axis	Front-Axis	Vert-Axis	
32.25	26.8	51.8		1389	11.2	10.6	41.8
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS							CODE: 2016 CBC
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	1.0	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.							

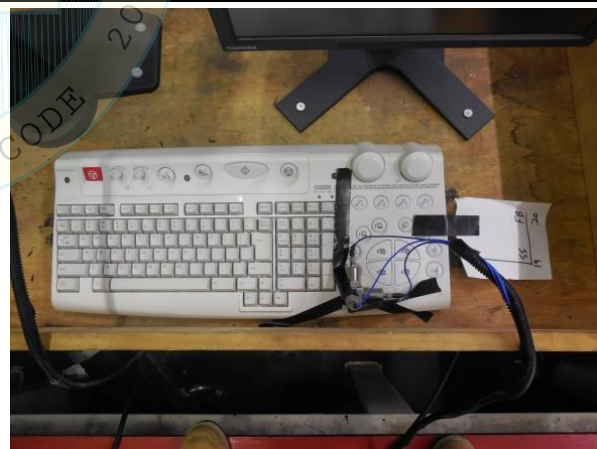
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UUT-G6 Monitor (EIZO)						
MANUFACTURER:		EIZO				
IDENTIFICATION:		Model No.: MX-192				
DESCRIPTION:		Component common to all Aquilion CT systems. Unit full of contents during test.				
MOUNTING:		Counter Top Anchor (CTA) mounted using (4) - #8 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	Vert-Axis
16.3	8.1	16.1-21.5	13	4.7	5.5	23.7
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2016 CBC
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-G7 Keyboard						
MANUFACTURER:		Toshiba Medical Systems Corporation				
IDENTIFICATION:		Model No.: BSX74-2866-01*A				
DESCRIPTION:		Component common to all Aquilion CT systems. Unit full of contents during test.				
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.)	Side-Axis	Front-Axis	Vert-Axis
21	9.25	3	7	>50	27.2	25.0
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2016 CBC
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	1.0	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.						



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UUT-G8				CPU – Type A		
MANUFACTURER:		Toshiba Medical Systems Corporation				
IDENTIFICATION:		Model No.: CKCN-016C/6A				
DESCRIPTION:		Component of the VeloCT Encore Upgrade with AIDR 3D. Toshiba seismic anchorage kit model: ANC-CA-TSX101V Unit full of contents during test.				
MOUNTING:		Rigid Base mounted using (4) – 3/8" dia. ASTM A574 Socket Head Cap Screws through manufacturer-provided mounting brackets.				
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vert-Axis
17.7	32.1	27.6	280	14.7	26.2	29.7
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2016 CBC		
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-G9				Aquilion CT Scanner Gantry - Type E		
MANUFACTURER:		Toshiba Medical Systems Corporation				
IDENTIFICATION:		Model No.: CGGT-034A/3D				
DESCRIPTION:		Component of the Aquilion Lightning CT system. Toshiba seismic anchorage kit model: CAFP-001A/1B Unit full of contents during test.				
MOUNTING:		Rigid Base (Floor) mounted using (10) – ¾" dia. SAE J429 Grade 8 bolts.				
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height		Front -Axis	Side-Axis	Vert-Axis
80.7	37.8	75.2		3080	7.1	7
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2016 CBC		
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- G10				NAVI Box - Type E		
MANUFACTURER:		Toshiba Medical Systems Corporation				
IDENTIFICATION:		Model No.: CKCN-013C/3A				
DESCRIPTION:		Component of the Aquilion Lightning CT system. Toshiba seismic anchorage kit model: CAFP-001A/1B Unit full of contents during test.				
MOUNTING:		Rigid Base mounted using (4) – 3/4" dia. ASTM A574 Socket Head Cap Screws through manufacturer-provided mounting brackets. (2) – 1" wide straps w/ metal cinch (300kg WLL),				
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
16.9	27.2	25.4	194	30.1	32.3	>50
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2016 CBC		
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- G11 Power Distributor - Type E w/ UPS Kit for Power Distributor						
MANUFACTURER:			Toshiba Medical Systems Corporation			
IDENTIFICATION:			Power Distributor CETF-013A/1A UPS Kit CEUC-001B/3B			
DESCRIPTION:			Component of the Aquilion Lightning CT system. Toshiba seismic anchorage kit model: CAFP-001A/1B Unit full of contents during test.			
MOUNTING:			Rigid Base (Floor) mounted using (6) – ½” dia SAE J429 Grade 8 bolts through manufacturer-provided mounting brackets w/ 1” O.D. & 1 5/16” O.D. stacked washers.			
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height		Side-Axis	Front-Axis	Vert-Axis
27.6	27.4	38.3		1105	15.5	>50
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2016 CBC
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

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UUT- G12 LCD Monitor						
MANUFACTURER:		Shenzhen Beacon Display Technology				
IDENTIFICATION:		Model No.: C16S				
DESCRIPTION:		Component common to all Aquilion CT systems. Unit full of contents during test.				
MOUNTING:		Counter Top Anchor (CTA) mounted using (4) - #10 flat head construction screws into ¾" plywood.				
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vert-Axis
16.4	7	15.2 min 20 max	13	>50	>50	32.9
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2016 CBC
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- G13 Keyboard						
MANUFACTURER:		Toshiba Medical Systems Corporation				
IDENTIFICATION:		Model No.: BSX74-2866-02*A				
DESCRIPTION:		Component common to all Aquilion CT systems. Unit full of contents during test.				
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	Vert-Axis
21	9.25	3	7	31	42.5	26.8
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2016 CBC
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

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UUT- 1703-1 Aquilion CT Scanner Gantry – Type E						
MANUFACTURER:				Toshiba Medical Systems Corporation		
IDENTIFICATION:				Model No.: CGGT-037A/1D Serial No.: 1DA1772066		
DESCRIPTION:				Component of the Aquilion Lightning 40/80/160 CT Scanner system. <u>Modifications to standard production unit:</u> Seismic kit (Model # CAFP-001A/2B & ANC-CA-LIGHTNING) provided and installed by Toshiba.		
MOUNTING:				Rigid Base (Floor) Mounted using (10) – ¾" dia. SAE J429 Grade 8 Bolts w/ washers. (Torque- 110 ft-lb)		
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vert-Axis
80.7	37.8	75.2	3173	6.94	6.82	21.14
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2016 CBC		
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- 1703-3 Con Box – Type B				DATE: 12/09/2019			
MANUFACTURER:							
IDENTIFICATION:							
DESCRIPTION:							
MOUNTING:							
Toshiba Medical Systems Corporation							
Model No.: Model No.: CKCN-020A-1B Serial No.: 1BA1772066							
Component of the Lightning 40/80/160 CT system.							
<u>Modifications to Standard production unit:</u> Seismic mounting kit (Model # ANC-CA-COX) provided and installed by Toshiba.							
Rigid Base (Floor) Mounted using (4) – ½" dia. ASTM A574 Socket Head Cap Screws w/ washers. (Torque =40 ft-lb)							
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height		Front -Axis	Side-Axis	Vert-Axis	
23.2	37.6	53.7		660 Installed	9.97	20.48	26.31
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS							CODE: 2016 CBC
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	3.2	2.4	1.68	0.68	
2.5	0						
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							

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UUT- 1703-4 Aquilion CT Scanner Gantry – Type D						
MANUFACTURER:						
IDENTIFICATION:						
DESCRIPTION:						
MOUNTING:						
Toshiba Medical Systems Corporation						
Model No.: CGGT-032A/3A Serial No.: 3AA1782026						
Component of the Aquilion Prime SP CT Scanner system.						
Rigid Base (Floor) Mounted using (8) – 5/8" dia SAE J429 Grade 8 Bolts w/ washers. (Torque- 60 ft-lb)						
DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height	Weight (lb.)	Front-Axis	Side-Axis	Vert-Axis
84.7	34.25	73	4060.5	24.24	7.84	7.58
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2016 CBC		
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- 1703-5			NAVI Box – Type A		DATE: 12/09/2019	
MANUFACTURER:			Toshiba Medical Systems Corporation			
IDENTIFICATION:			Model No.: CKCN-017B/2B Serial No.: 2BA1782026			
DESCRIPTION:			Component of the Aquilion Prime SP CT Scanner system. <u>Modifications to standard production unit:</u> Seismic kit (Model # ANC-CA-TSX305) provided by Toshiba.			
MOUNTING:			Rigid Base Mounted using (2) - #10 x ¾" pan head coarse thread sheet metal screws to ¾" plywood, typical each of 2 manufacturer-provided aluminum brackets. Brackets secured to enclosure w/ 1" x 11" 3M Dual Lock SJ3550 Reclosable Fastener at interface between bracket and enclosure.			
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height		Front -Axis	Side-Axis	Vert-Axis
7.9	12.2	13.8		28 (installed)	>50	44.99
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2016 CBC
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

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UUT- 1703-6 Con Box – Type B						
MANUFACTURER:			Toshiba Medical Systems Corporation			
IDENTIFICATION:			Model No.: CKCN-017B/2B Serial No.: 2BA1782026			
DESCRIPTION:			Component of the Aquilion Prime SP CT Scanner system. <u>Modifications to standard production unit:</u> - Seismic mounting kit (Model # ANC-CA-COX) provided and installed by Toshiba. - Base assembly (front & rear) of the Toshiba-supplied external mounting brackets were modified at lab prior to test at Toshiba's request by adding welds (3/16" fillet weld all around) between each bracket element. Previously installed bolts were retained.			
MOUNTING:			Rigid Base (Floor) Mounted using (4) – ½" dia. ASTM A574 Socket Head Cap Screws w/ washers. (Torque =40 ft-lb)			
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis
23.2	37.6	53.7		10.17	19.89	27.26
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2016 CBC		
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	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

UUT- 1703-7 Power Distributor – Type D						
MANUFACTURER:			Toshiba Medical Systems Corporation			
IDENTIFICATION:			Model No.: CETF-006C/2A Serial No.: 2AA1782012			
DESCRIPTION:			Component of the Aquilion Prime SP CT Scanner system. Includes optional UPS Kit for Power Distributor (CEUC-001B/4B) <u>Modifications to standard production unit:</u> Seismic kit (Model # ANC-CA-001PD) provided and installed by Toshiba.			
MOUNTING:			Rigid Base (Floor) Mounted using: (3) – ½" dia. SAE J429 Grade 8 Bolts (Torque = 40 ft-lb) to fixture. (3) – M12-12.9 bolts w/ 45mm OD x 3mm thick washers and hex head nuts (Torque = 84 N-m) to cabinet. Typical each of 2 brackets.			
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)		
Width	Depth	Height		Front -Axis	Side-Axis	Vert-Axis
33.5 (Reported) 32.25 (Measured)	26.8	48.8	1238	43.77	9.89	28.57
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2016 CBC
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

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UUT- 1703-8 FIRST i-Rec Box																										
MANUFACTURER: Toshiba Medical Systems Corporation																										
IDENTIFICATION: Model No.: CCRS-001B/1B Serial No.: 1BA1597001																										
DESCRIPTION: Optional component of the Aquilion ONE Genesis CT Scanner system. <u>Modifications to standard production unit:</u> Seismic kit (Model # ANC-CA-CCRS) provided and installed by Toshiba.																										
MOUNTING: Rigid Base (Floor) Mounted using (6) – 5/8" dia. SAE J429 Grade 8 Bolts (Torque = 60 ft-lb)																										
<table border="1"> <thead> <tr> <th colspan="3">DIMENSIONS (in.)</th> <th rowspan="2">Weight (lb.)</th> <th colspan="3">LOWEST RESONANT FREQUENCY (Hz.)</th> </tr> <tr> <th>Width</th> <th>Depth</th> <th>Height</th> <th>Front-Axis</th> <th>Side-Axis</th> <th>Vert-Axis</th> </tr> </thead> <tbody> <tr> <td>14.7</td> <td>32.2</td> <td>23.6</td> <td>217</td> <td>25.30</td> <td>45.70</td> <td>21.59</td> </tr> </tbody> </table>				DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)			Width	Depth	Height	Front-Axis	Side-Axis	Vert-Axis	14.7	32.2	23.6	217	25.30	45.70	21.59			
DIMENSIONS (in.)			Weight (lb.)	LOWEST RESONANT FREQUENCY (Hz.)																						
Width	Depth	Height		Front-Axis	Side-Axis	Vert-Axis																				
14.7	32.2	23.6	217	25.30	45.70	21.59																				
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS CODE: 2016 CBC																										
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.																										

DATE: 12/09/2019