



APPLICATION FOR PREAPPROVAL SPECIAL SEISMIC CERTIFICATION OF EQUIPMENT AND COMPONENTS

For Office Use Only

APPLICATION NO.
OSP – 0212-10

Check whether application is: NEW RENEWAL

1.0 SIEMENS MEDICAL SOLUTIONS USA, INC. Logan Williams
Manufacturer *Manufacturer's Technical Representative*

51 Valley Stream Parkway, Malvern, PA. 19355

Mailing Address

(610) 219-2137

Telephone

E-mail Address

2.0 BIOGRAPH SYSTEMS (SEE ATTACHMENT 1) PET-CT Systems
Product Name *Product Type*

SEE ATTACHMENT 1

Product model No (List all unique product identification numbers and/or serial numbers)

General Description: Combined Positron Emission Tomography – Computed Tomography (PET – CT) systems used for medical imaging. Seismic Certification is limited to components identified in Attachment 1 for functions related to CT medical diagnostic imaging only, components used for PET are not part of the pre-approval. The subassembly components listed in Attachment 1 Table 2 are identical to those found is OSP-0100-10.

3.0 EQUIPMENTANCHORAGE.COM JONATHAN ROBERSON, S.E.
Applicant Company Name *Contact Person*

5877 Pine Ave, Suite 210, Chino Hills, CA. 91709

Mailing Address


(406) 541-EASE (3273)

Telephone

jon@easeco.com

E-mail Address

I hereby agree to reimburse the Office of Statewide Health Planning and Development for the actual costs incurred by the department for review.


Signature of Applicant

SENIOR ENGINEER

Title

September 19, 2011

Date

EQUIPMENTANCHORAGE.COM

Company Name



Registered Design Professional Preparing the Report

4.0 EQUIPMENTANCHORAGE.COM

Company Name

Jonathan Roberson, S.E.

S4197

Contact Name

California License Number

5877 Pine Ave, Suite 210, Chino Hills, CA. 91709

Mailing Address

909-606-7622

jon@easeco.com

Telephone

E-mail Address

California Licensed Structural Engineer Review and Acceptance of the Report

5.0 EQUIPMENTANCHORAGE.COM

Company Name

Jonathan Roberson, S.E.

S4197

Contact Name

California License Number

5877 Pine Ave, Suite 210, Chino Hills, CA. 91709

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Anchorage Pre-Approval

6.0 [] Anchorage is pre-approved under OPA- APPROVAL PENDING (SEE ATTACHMENT 3) (Separate application for anchorage pre-approval is required)

[x] Anchorage is not Pre-approved

Certification Method

70. [x] Testing in accordance with: [x] ICC-ES AC-156 [] Other (Please Specify):

[] Analysis

[] Experience data

[] Combination of Testing, Analysis, and/or Experience Data (Please Specify):

Testing Laboratory (if applicable)

8.0 Environmental Testing Laboratory, Inc.

Brady Richard

Company Name

Contact Name

11034 Indian Trail, Dallas, TX 75229-3513

Mailing Address

972-247-9657

brady@etldallas.com

Telephone

E-mail:



9.0 Approval Parameters

Design in accordance with ASCE 7-05 Chapter 13: Yes No

Design Basis of Equipment or Components (F_p/W_p) = **3.2g (Redfeather PHS & NEO PHS); 2.4g (all others)**
 S_{DS} (Spectral response acceleration at short period) = **2.7g (Redfeather PHS & NEO PHS); 2.0g (all others)**

a_p (In-structure equipment or component amplification factor) = **1.0**

R_p (Equipment or component response modification factor) = **1.5**

I_p (Importance factor) = **1.5**

z/h (Height factor ratio) = **1.0**

Equipment or Component fundamental frequency(s) = **SEE ATTACHMENT 2: Test Specimen Info**

Building period limits (if any) = **NO LIMIT**

Overall dimensions and weight (or range thereof) = **SEE ATTACHMENT 1**

Equipment or Components @ grade designed in accordance with ASCE 7-05 Chapter 15: Yes No

Design Basis of Equipment or Components (V/W) =

S_{DS} (Spectral response acceleration at short period) =

S_1 (Spectral response acceleration at 1 second period) =

R (Response modification coefficient) = 1.0

Ω_0 (System overstrength factor) = 1.0

C_d (Deflection amplification factor) = 1.0

I_p (Importance factor) = 1.5

Height to Center of Gravity above base =

Equipment or Component fundamental period(s) = Sec


Overall dimensions and weight (or range thereof) =

Tank(s) designed in accordance with ASME BPVC, 2007: Yes No

10.0 List of attachments supporting the special seismic certification of equipment or components:

- Test Report Drawings Manufacturer's Catalog
 Calculations Others (Please Specify): Attachments 1 through 3

11.0 OSHPD Approval (For Office Use Only)



9/28/11

December 31, 2016

Signature & Date

Approval Expiration Date

M. R. Karim, SHFR

S_{DS} (g) = **See Section 9.0** z/h = **1.0**

Name & Title

Special Seismic Certification Valid Up to

Condition of Approval (if any):

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

SYSTEM DESCRIPTION:

The BIOGRAPH PET-CT combined systems consist of a CT gantry paired with a PET gantry. The BIOGRAPH PET-CT combined systems are multiple-component imaging systems for use in the medical diagnostic imaging field. Special Seismic Certification is limited to the systems identified in Table 1 and the subsystem components identified in Table 2 for functions related to CT imaging services only, components used for PET are not part of the pre-approval.

TABLE 1: SEISMICALLY CERTIFIED SYSTEMS

System Name	Extended System Name	System P/N
BIOGRAPH 6	Biograph 6 TruePoint	10097289
	Bio 6 TruePoint w/TrueV PET/CT	10097290
	Top Level System, HiRez 6, Redfeath	10151234
	TOP LVL SYS 6-3R to 6-4R	10246387
BIOGRAPH 16	Biograph 16 TruePoint - 3R	10249555
	Biograph 16 TruePoint TrueV - 4R	10249556
	Top Level System, HiRez16, Redfeath	10151221
	Top Level System, HiRez16, Refurb	10247034
BIOGRAPH 40	Biograph 40	10097233
	Biograph 40 TruePoint	10097303
	Biograph 40 with TrueV (TM)	10097273
	Biograph 40 TruePoint w/TrueV	10097304
	TOP LVL SYS 40-3R to 40-4R	10246388
BIOGRAPH 64	Biograph 64	08727450
	Biograph 64 True Point PET/CT	10097301
	Biograph 64 with TrueV (TM)	10097272
	Biograph 64 TruePoint w/TrueV	10097302
	TOP LVL SYS 64-3R to 64-4R	10246389
	BIOGRAPH 40-3R to 64-3R Upgrade.	10246390
	BIOGRAPH 40-4R to 64-4R Upgrade.	10246391
	BIOGRAPH 40-3R to 64-4R Upgrade.	10246392
BIOGRAPH mCT	BIOGRAPH mCT S(20)-3R	10507786
	Biograph mCT S(40)-3R	10248668
	Biograph mCT S(40)-4R	10248671
	Biograph mCT S(64)-3R	10248669
	Biograph mCT S(64)-4R	10248672
	Biograph mCT X-3R	10248673
	Biograph mCT X-4R	10248670
	Bio mCT-S(40) 3R-4R Upgrade	10250743
	SYS IVK, Bio mCT-S(64) 3R->4R Upgrade	10250744
	SYS IVK, Bio mCT-S(40-4R->64-4R Upgrade	10250750
	SYS IVK, Bio mCT-S(40-3R->64-4R Upgrade	10250753
	SYS IVK, Bio mCT-S(40-3R->64-3R Upgrade)	10250730
	Bio mCT-X w/TrueV Upgrade	10250745
	Bio. mCT 20-to-40 Slice Field Upgrade	10525876

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manuf r	Mount ¹	Width (in.)	Depth (in.)	Height (in.)	Max Wt (lb.)	UUT
GANTRIES ²									
Biograph mCT S(20)-3R	10190752	Definition CT Gantry	Siemens	Floor	47.4	91.1	78	5579	B1
Biograph mCT S(40)-3R									
Biograph mCT S(40)-4R									
Biograph mCT S(64)-3R									
Biograph mCT S(64)-4R									
Biograph mCT X-3R									
Biograph mCT X-4R									
Biograph mCT S(40)-3R-4R Upgrade									
SYS IVK, Bio mCT-S(64) 3R->4R Upgrade									
SYS IVK, Bio mCT-S(40-4R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-3R Upgrade)									
Bio mCT-X w/TrueV Upgrade									
Bio mCT 20-to-40 Slice Field Upgrade									
Biograph 64	8098951	Sensation 64 CT Gantry	Siemens	Floor	37	89.8	78.1	4410	
Biograph 64 True Point PET/CT									
Biograph 64 with TrueV (TM)									
Biograph 64 True Point with TrueV									
TOP LVL SYS 64-3R to 64-4R									
Biograph 64 40-3R to 64-3R Upgrade									
Biograph 64 40-4R to 64-4R Upgrade									
Biograph 64 40-3R to 64-4R Upgrade									
Biograph 40	8098951	Sensation 40 CT Gantry	Siemens	Floor	37	89.8	78.1	4410	
Biograph 40 TruePoint									
Biograph 40 with TrueV (TM)									
Biograph 40 TruePoint w/ TrueV									
TOP LVL SYS 40-3R to 40-4R									
Top Level System, Hi Rez 16, Redfeather	8098704	Sensation 16 CT Gantry	Siemens	Floor	37	89.8	78.1	4410	
Top Level System, Hi Rez 16, Refurb									
Biograph 16 TruePoint - 3R	7734853	Emotion 16 CT Gantry	Siemens	Floor	26.9	90.6	71.5	2615	
Biograph 16 TruePoint TrueV- 4R									

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manuf r	Mount ¹	Width (in.)	Depth (in.)	Height (in.)	Max.Wt (lb.)	UUT
Biograph 6 TruePoint	3815300	Emotion 6 CT Gantry	Siemens	Floor					C1
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									
PATIENT TABLES									
Biograph 16 TruePoint – 3R	10251043	ASM PHS TOP LEVEL BLKHK	TSS Technologies	Floor	16"	148"	46"	1440 lb + 350 lb patient	A2
Biograph 16 TruePoint TrueV– 4R									
Biograph mCT S(20)-3R	10503929	ASM NEO 1mm mCT PHS	TSS Technologies	Floor	16"	148"	46"	1440 lb + 350 lb patient	A2
Biograph mCT S(40)-3R									
Biograph mCT S(40)-4R									
Biograph mCT S(64)-3R									
Biograph mCT S(64)-4R									
Biograph mCT X-3R									
Biograph mCT X-4R									
Biograph mCT S(40)-3R-4R Upgrade									
SYS IVK, Bio mCT-S(64) 3R->4R Upgrade									
SYS IVK, Bio mCT-S(40-4R->64-4R Upg									
SYS IVK, Bio mCT-S(40- 3R->64-4R Upg									
SYS IVK, Bio mCT-S(40- 3R->64-3R Upg	10251043	ASM PHS TOP LEVEL BLKHK	TSS Technologies	Floor	16"	148"	46"	1440 lb + 350 lb patient	A2
Bio mCT-X w/TrueV Upgrade									
Bio mCT 20-to-40 Slice Field Upgrade									
Biograph 6 TruePoint	10150917	Biograph Redfeather PHS Assembly	TSS Technologies	Floor	16"	148.5 "	63.6"	1498lb + 350 lb Patient	A1
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									
Top Level System, Hi Rez 6, Redfeather									
Top Level System, Hi Rez 6, Refurb									
Biograph 40									
Biograph 40 TruePoint									
Biograph 40 with TrueV (TM)									

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manufr	Mount ¹	Width (in.)	Depth (in.)	Height (in.)	Max Wt (lb.)	UUT
Biograph 40 TruePoint w/ TrueV	10150917	Biograph Redfeather PHS Assembly	TSS Technologies	Floor	16	148.5	63.6	1498lb + 350 lb Patient	A1
TOP LVL SYS 40-3R to 40-4R									
Biograph 64									
Biograph 64 True Point PET/CT									
Biograph 64 with TrueV (TM)									
Biograph 64 True Point with TrueV									
TOP LVL SYS 64-3R to 64-4R									
Biograph 64 40-3R to 64-3R Upgr									
Biograph 64 40-4R to 64-4R Upgr									
Biograph 64 40-3R to 64-4R Upgr									
POWER DISTRIBUTION COMPONENTS									
Biograph mCT S(20)-3R	8366465	PDC-A or PDC-B	Siemens	Floor	27.6	35.4	76.8	1213	Int.
Biograph mCT S(40)-3R									
Biograph mCT S(40)-4R									
Biograph mCT S(64)-3R									
Biograph mCT S(64)-4R									
Biograph mCT X-3R									
Biograph mCT X-4R									
Biograph mCT S(40)-3R-4R Upgrade									
SYS IVK, Bio mCT-S(64) 3R->4R Upgrade									
SYS IVK, Bio mCT-S(40-4R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-3R Upgrade)									
Bio mCT-X w/TrueV Upgrade									
Bio mCT 20-to-40 Slice Field Upgrade									
Biograph 64	7393312	PDC	Siemens	Floor	35.4	29.5	70.9	1213	Int.
Biograph 64 True Point PET/CT									
Biograph 64 with TrueV (TM)									
Biograph 64 True Point with TrueV									
TOP LVL SYS 64-3R to 64-4R									
Biograph 64 40-3R to 64-3R Upgrade									
Biograph 64 40-4R to 64-4R Upgrade									
Biograph 64 40-3R to 64-4R Upgrade									

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manufr	Mount ¹	Width (in.)	Depth (in.)	Height (in.)	Max.Wt (lb.)	UUT
Biograph 40	7393312	PDC	Siemens	Floor	35.4	29.5	70.9	1213	Int.
Biograph 40 TruePoint									
Biograph 40 with TrueV (TM)									
Biograph 40 TruePoint w/ TrueV									
TOP LVL SYS 40-3R to 40-4R									
Top Level System, Hi Rez 16, Redfeather	7393312	PDC	Siemens	Floor	35.4	29.5	70.9	1213	Int.
Top Level System, Hi Rez 16, Refurb									
Biograph 16 TruePoint – 3R	3806515	LCB (Line Control Box)	Siemens	Floor	11.8	29.5	32.1	227	C2
Biograph 16 TruePoint TrueV– 4R									
Biograph 6 TruePoint	7562197	LCB (Line Control Box)	Siemens	Floor	13.5	29.5	32.1	227	C2
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									
IMAGING CONTROL SYSTEM (ICS)									
Biograph mCT S(20)-3R	10304280	ICS Tower PC	Fujitsu Siemens	Floor	9.8	29.5	18.5	66	Int.
Biograph mCT S(40)-3R									
Biograph mCT S(40)-4R									
Biograph mCT S(64)-3R									
Biograph mCT S(64)-4R									
Biograph mCT X-3R									
Biograph mCT X-4R									
Biograph mCT S(40)-3R-4R Upgrade									
SYS IVK, Bio mCT-S(64) 3R->4R Upgrade									
SYS IVK, Bio mCT-S(40-4R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-3R Upgrade)									
Bio mCT-X w/TrueV Upgrade									
Bio mCT 20-to-40 Slice Field Upgrade									

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manuf'r	Mount ¹	Width (in.)	Depth (in.)	Height (in.)	Max Wt (lb.)	UUT
Biograph 64	10143562	ICS Tower PC	Fujitsu Siemens	Floor	8	22.5	17.3	68	C4
Biograph 64 True Point PET/CT									
Biograph 64 with TrueV (TM)									
Biograph 64 True Point with TrueV									
TOP LVL SYS 64-3R to 64-4R									
Biograph 64 40-3R to 64-3R Upgrade									
Biograph 64 40-4R to 64-4R Upgrade									
Biograph 64 40-3R to 64-4R Upgrade									
Biograph 40	10143562	ICS Tower PC	Fujitsu Siemens	Floor	8	22.5	17.3	68	C4
Biograph 40 TruePoint									
Biograph 40 with TrueV (TM)									
Biograph 40 TruePoint w/ TrueV									
TOP LVL SYS 40-3R to 40-4R									
Top Level System, Hi Rez 16, Redfeather	7711844	ICS Tower PC	Fujitsu Siemens	Floor	8	22.5	17.3	68	C4
Top Level System, Hi Rez 16, Refurb									
Biograph 16 TruePoint – 3R	10498290	ICS Tower PC	Fujitsu Siemens	Floor	8	22.5	17.3	68	C4
Biograph 16 TruePoint TrueV– 4R									
Biograph 6 TruePoint	10143562	ICS Tower PC	Fujitsu Siemens	Floor	8	22.5	17.3	68	C4
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									
IMAGING RECONSTRUCTION SYSTEM (IRS)									
Biograph mCT S(20)-3R	10266603	IRSmx2a Tower	Siemens	Floor	12.6	29.9	20.9	128	B3
Biograph mCT S(40)-3R									
Biograph mCT S(40)-4R									
Biograph mCT S(64)-3R									
Biograph mCT S(64)-4R									
Biograph mCT X-3R	8098621	IRSmx2a Tower	Siemens	Floor	12.6	29.9	20.9	128	B3
Biograph mCT X-4R									
Biograph mCT S(40)-3R-4R Upgrade	10266603	IRSmx2a Tower	Siemens	Floor	12.6	29.9	20.9	128	B3
SYS IVK, Bio mCT-S(64) 3R->4R Upgrade									
SYS IVK, Bio mCT-S(40-4R->64-4R Upgrade)									

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manufr	Mount †	Width (in.)	Depth (in.)	Height (in.)	Max.Wt (lb.)	UUT
SYS IVK, Bio mCT-S(40- 3R->64-4R Upgrade)	10266603	IRSmx2a Tower	Siemens	Floor	12.6	29.9	20.9	128	B3
SYS IVK, Bio mCT-S(40- 3R->64-3R Upgrade)									
Bio mCT-X w/TrueV Upgrade	8098621	IRSmx2a Tower	Siemens	Floor	12.6	29.9	20.9	128	B3
Bio mCT 20-to-40 Slice Field Upgrade	10266603	IRSmx2a Tower	Siemens	Floor	12.6	29.9	20.9	128	B3
Biograph 64	8377785	IRSmx2s Tower	Siemens	Floor	12.6	29.9	20.9	126	
Biograph 64 True Point PET/CT									
Biograph 64 with TrueV (TM)									
Biograph 64 True Point with TrueV									
TOP LVL SYS 64-3R to 64-4R									
Biograph 64 40-3R to 64-3R Upgrade									
Biograph 64 40-4R to 64-4R Upgrade									
Biograph 64 40-3R to 64-4R Upgrade									
Biograph 40	8377785	IRSmx2s Tower	Siemens	Floor	12.6	29.9	20.9	126	
Biograph 40 TruePoint									
Biograph 40 with TrueV (TM)									
Biograph 40 TruePoint w/ TrueV									
TOP LVL SYS 40-3R to 40-4R									
Top Level System, Hi Rez 16, Redfeather	7393569	IRSmx2s Tower	Siemens	Floor	12.6	29.9	20.9	126	
Top Level System, Hi Rez 16, Refurb									
Biograph 16 TruePoint – 3R	10498302	IRS Tower	Fujitsu Siemens	Floor	8	22.3	17.3	66	C7
Biograph 16 TruePoint TrueV– 4R									
Biograph 6 TruePoint	10498302	IRS Tower	Fujitsu Siemens	Floor	8	22.3	17.3	66	C7
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									
UPS (UNINTERRUPTABLE POWER SUPPLY FOR IMS, ICS, IRS & MONITOR DISPLAY)									
Biograph 16 TruePoint – 3R	7735090	Powerware 9125 UPS (1500 VA)	EATON	Floor	3.5	19.3	17	61	C5
Biograph 16 TruePoint TrueV– 4R									
Biograph 6 TruePoint	7735090	Powerware 9125 UPS (1500 VA)	EATON	Floor	3.5	19.3	17	61	C5
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manufr	Mount ¹	Width (in.)	Depth (in.)	Height (in.)	Max.Wt (lb.)	UUT
LCD MONITOR DISPLAY W/ DESKTOP DISPLAY STAND									
Biograph mCT S(20)-3R	10520199	Monitor Display	EIZO	CT	8.3	16.5	16.1	20	B7
Biograph mCT S(40)-3R									
Biograph mCT S(40)-4R									
Biograph mCT S(64)-3R									
Biograph mCT S(64)-4R									
Biograph mCT X-3R									
Biograph mCT X-4R									
Biograph mCT S(40)-3R-4R Upgrade									
SYS IVK, Bio mCT-S(64) 3R->4R Upgrade									
SYS IVK, Bio mCT-S(40-4R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-3R Upgrade)									
Bio mCT-X w/TrueV Upgrade									
Bio mCT 20-to-40 Slice Field Upgrade									
Biograph 64	8675402	Monitor Display	EIZO	CT	8.3	16.5	16.1	20	B7
Biograph 64 True Point PET/CT									
Biograph 64 with TrueV (TM)									
Biograph 64 True Point with TrueV									
TOP LVL SYS 64-3R to 64-4R									
Biograph 64 40-3R to 64-3R Upgrade									
Biograph 64 40-4R to 64-4R Upgrade									
Biograph 64 40-3R to 64-4R Upgrade									
Biograph 40	8675402	Monitor Display	EIZO	CT	8.3	16.5	16.1	20	B7
Biograph 40 TruePoint									
Biograph 40 with TrueV (TM)									
Biograph 40 TruePoint w/ TrueV									
TOP LVL SYS 40-3R to 40-4R									
Top Level System, Hi Rez 16, Redfeather	3080991	Monitor Display	EIZO	CT	8.3	16.5	16.1	20	B7
Top Level System, Hi Rez 16, Refurb									
Biograph 16 TruePoint – 3R	10520199	Monitor Display	Siemens	CT	8	16.5	17.5	32	C3
Biograph 16 TruePoint TrueV– 4R									



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TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manufr	Mount [†]	Width (in.)	Depth (in.)	Height (in.)	Max Wt (lb.)	UUT
Biograph 6 TruePoint	8675402	Monitor Display	Siemens	CT	8	16.5	17.5	32	C3
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									
CONTROL PANEL (CONTROL BOX)									
Biograph mCT S(20)-3R	7741049	Control Box	Siemens	CT	9.5	7.3	2.5	1	B5
Biograph mCT S(40)-3R									
Biograph mCT S(40)-4R									
Biograph mCT S(64)-3R									
Biograph mCT S(64)-4R									
Biograph mCT X-3R									
Biograph mCT X-4R									
Biograph mCT S(40)-3R-4R Upgrade									
SYS IVK, Bio mCT-S(64) 3R->4R Upgrade									
SYS IVK, Bio mCT-S(40-4R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-3R Upgrade)									
Bio mCT-X w/TrueV Upgrade									
Bio mCT 20-to-40 Slice Field Upgrade									
Biograph 64	7393569	Control Box	Siemens	CT	9 Diam.	---	2	1	B5
Biograph 64 True Point PET/CT									
Biograph 64 with TrueV (TM)									
Biograph 64 True Point with TrueV									
TOP LVL SYS 64-3R to 64-4R									
Biograph 64 40-3R to 64-3R Upgrade									
Biograph 64 40-4R to 64-4R Upgrade									
Biograph 64 40-3R to 64-4R Upgrade									
Biograph 40	7393569	Control Box	Siemens	CT	9 Diam.	---	2	1	B5
Biograph 40 TruePoint									
Biograph 40 with TrueV (TM)									
Biograph 40 TruePoint w/ TrueV									
TOP LVL SYS 40-3R to 40-4R									

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manuf'r	Mount ¹	Width (in.)	Depth (in.)	Height (in.)	Max.Wt (lb.)	UUT
Top Level System, Hi Rez 16, Redfeather	7393569	Control Box	Siemens	CT	9 Diam.	---	2	1	B5
Top Level System, Hi Rez 16, Refurb									
Biograph 16 TruePoint – 3R	3806515	Control Box	Siemens	CT	9.5	7.3	2.5	1	C8
Biograph 16 TruePoint TrueV– 4R									
Biograph 6 TruePoint	3806515	Control Box	Siemens	CT	9.5	7.3	2.5	1	C8
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									
ETHERNET SWITCH									
Biograph mCT S(20)-3R	8379310	Ethernet Switch	Asante Technologies, Inc.	Floor or CT-A	9.5	7.3	1	1	C6
Biograph mCT S(40)-3R									
Biograph mCT S(40)-4R									
Biograph mCT S(64)-3R									
Biograph mCT S(64)-4R									
Biograph mCT X-3R									
Biograph mCT X-4R									
Biograph mCT S(40)-3R-4R Upgrade									
SYS IVK, Bio mCT-S(64) 3R->4R Upgrade									
SYS IVK, Bio mCT-S(40-4R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-4R Upgrade)									
SYS IVK, Bio mCT-S(40- 3R->64-3R Upgrade)									
Bio mCT-X w/TrueV Upgrade									
Bio mCT 20-to-40 Slice Field Upgrade									
Biograph 64	7130243	Ethernet Switch	Asante Technologies, Inc.	Floor or CT-A	9.5	7.3	1	1	C6
Biograph 64 True Point PET/CT									
Biograph 64 with TrueV (TM)									
Biograph 64 True Point with TrueV									
TOP LVL SYS 64-3R to 64-4R									
Biograph 64 40-3R to 64-3R Upgrade									
Biograph 64 40-4R to 64-4R Upgrade									
Biograph 64 40-3R to 64-4R Upgrade									

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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 1: CERTIFIED SYSTEMS & COMPONENTS

TABLE 2: SEISMICALLY CERTIFIED COMPONENTS

System Name	Subsystem P/N	Subsystem Component	Manuf'r	Mount ¹	Width (in.)	Depth (in.)	Height (in.)	Max.Wt (lb.)	UUT
Biograph 40	7130243	Ethernet Switch	Asante Technologies, Inc.	Floor or CT-A	9.5	7.3	1	1	C6
Biograph 40 TruePoint									
Biograph 40 with TrueV (TM)									
Biograph 40 TruePoint w/ TrueV									
TOP LVL SYS 40-3R to 40-4R									
Top Level System, Hi Rez 16, Redfeather	7393577	Ethernet Switch		Floor or CT-A	9.5	7.3	1	1	C6
Top Level System, Hi Rez 16, Refurb									
Biograph 16 TruePoint – 3R	7130243	Ethernet Switch	Asante Technologies, Inc.	Floor or CT-A	9.5	7.3	1	1	C6
Biograph 16 TruePoint TrueV– 4R									
Biograph 6 TruePoint	7130243	Ethernet Switch	Asante Technologies, Inc.	Floor or CT-A	9.5	7.3	1	1	C6
Biograph 6 TruePoint w/ TrueV PET/CT									
Top Level System, Hi Rez 6, Redfeath									
Top LVL SYS 6-3R to 6-4R									

TABLE NOTES:

- Mount:** Establishes the general mounting type(s) under which the tabulated components are seismically qualified
 - Floor:** a free-standing, base mounted condition with no lateral support above the base and a direct connection between unit base and supporting structure.
 - CT:** (**CounterTop**) refers to a condition where the unit sits atop but is not otherwise anchored to a counter, desk, or other piece of fixed furniture.
 - CT-A:** (**CounterTop Anchored**) refers to a condition where the unit is anchored to a counter, desk, or other piece of fixed furniture.
- Gantries:** The PET-CT combined systems consist of a CT gantry (described in the schedule above) paired with a PET gantry (not included in the schedule above). Seismic Certification is limited to components and functions associated with CT imaging only, components used for PET system are not part of the approval.

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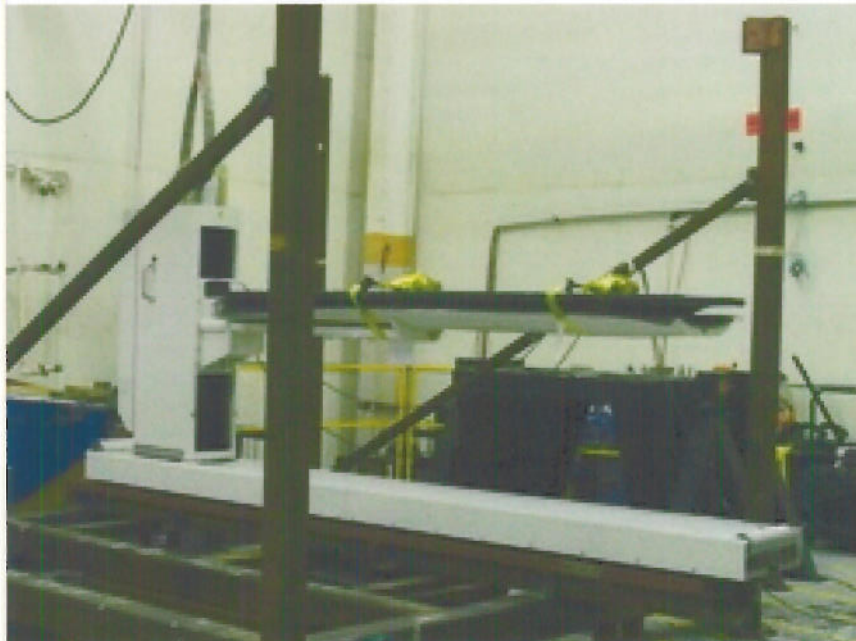
SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-A1: REDFEATHER PHS (PATIENT HANDLING SYSTEM)

NAME: BIOGRAPH REDFEATHER PHS ASSEMBLY
MANUFACTURER: TSS TECHNOLOGIES
UUT FUNCTION: PATIENT TABLE USED FOR PASSING PATIENT INTO SCAN AREA DURING IMAGE ACQUISITION.
DESCRIPTION: SYSTEM CONSISTS OF:
HORIZONTAL BASE AND RAIL ASSEMBLY;
VERTICAL TOWER AND PALLET SUPPORT STRUCTURE; PALLET;
CONTROL SYSTEM ELECTRONICS "BACKPACK";
VERTICAL DRIVE ASSEMBLY INCLUDING MOTOR AND POWER TRANSMISSION COMPONENTS.
IDENTIFICATION: SERIAL # - 1617 MODEL P/N - 10150917
DIMENSIONS: HEIGHT = 63.5" WIDTH = 16" DEPTH = 148.5"
WEIGHT: 1498 LB. + 350 LB. SIMULATED PATIENT LOAD
MOUNTING: FLOOR MOUNTED
ORIENTATION: FRONT-TO-BACK

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u>	<u>S/S AXIS</u>	<u>VERT AXIS</u>
	22.5	5.3	4.7



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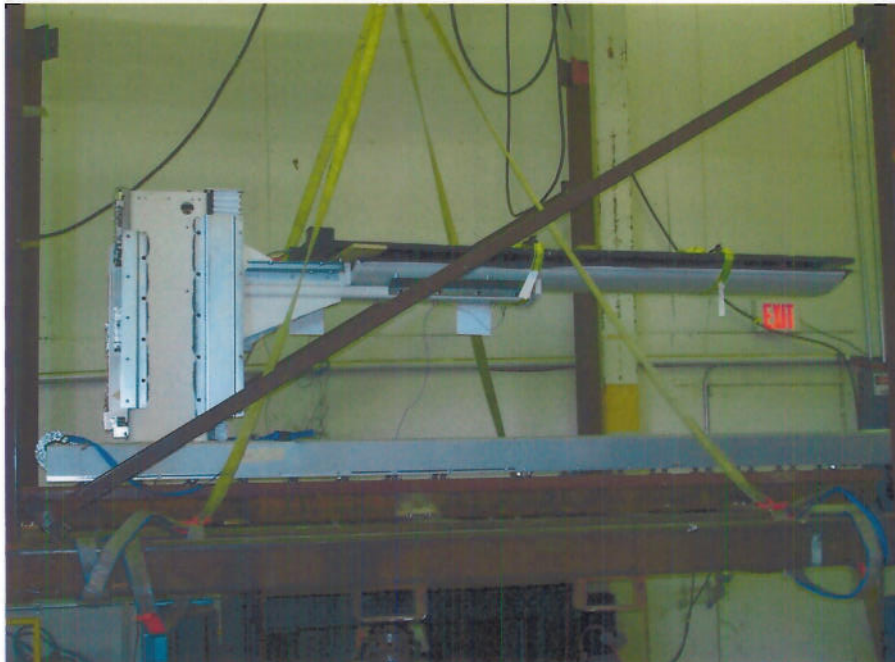
SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-A2: NEO PHS (PATIENT HANDLING SYSTEM)

NAME: ASM NEO 1mm mCT PHS
MANUFACTURER: TSS TECHNOLOGIES
UUT FUNCTION: PATIENT TABLE USED FOR PASSING PATIENT INTO SCAN AREA DURING IMAGE ACQUISITION
DESCRIPTION: SYSTEM CONSISTS OF:
HORIZONTAL BASE AND RAIL ASSEMBLY;
VERTICAL TOWER AND PALLET SUPPORT STRUCTURE; PALLET;
CONTROL SYSTEM ELECTRONICS "BACKPACK";
VERTICAL DRIVE ASSEMBLY INCLUDING MOTOR AND POWER TRANSMISSION COMPONENTS.
IDENTIFICATION SERIAL # - 901024 MODEL P/N - 10503929
DIMENSIONS: HEIGHT = 46" WIDTH = 16" DEPTH = 148"
WEIGHT: 1440 LB. + 350 LB. SIMULATED PATIENT LOAD
MOUNTING: FLOOR MOUNTED
ORIENTATION: FRONT-TO-BACK

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u>	<u>S/S AXIS</u>	<u>VERT AXIS</u>
	20.9	5.0	5.2



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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-B1: DEFINITION AS GANTRY

NAME: DEFINITION AS GANTRY
MANUFACTURER: SIEMENS
UUT FUNCTION: COMPONENT USED TO PRODUCE X-RAY IMAGE, USED IN CONJUNCTION WITH THE ICS (IMAGE CONTROL SYSTEM) & IRS (IMAGE RECONSTRUCTION SYSTEM) TO PROVIDE CT IMAGES. WATER COOLED.
SERVICE MOUNTING: FLOOR MOUNTED (FREE-STANDING)
IDENTIFICATION NO.: GANTRY LABEL MODEL NO. 08098555 / SER. NO.1660
SYSTEM LABEL MODEL NO. 08098027 / SER. NO.64662
DIMENSIONS: 93.7"(MAX)W X 36.7"(MAX)D X 78"(MAX)H
WEIGHT: 4610 LBS (DRY WT)
MOUNTING: FLOOR MOUNTED

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u>	<u>S/S AXIS</u>	<u>VERT AXIS</u>
	7.1	9.3	22.1



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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-B2: DEFINITION AS PDC

NAME: PDC (POWER DISTRIBUTION CABINET)
MANUFACTURER: SIEMENS
UUT FUNCTION: DISTRIBUTES POWER TO VARIOUS COMPONENTS THROUGHOUT THE SYSTEM.
SERVICE MOUNTING: FLOOR MOUNT (FREE-STANDING)
IDENTIFICATION NO.: MODEL NO. 08366465 / SER. NO.2762
DIMENSIONS: 35"(MAX)W X37.5"(MAX) D X 77"(MAX) H
WEIGHT: 1294 LBS.
MOUNTING: FLOOR MOUNTED

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u>	<u>S/S AXIS</u>	<u>VERT AXIS</u>
	4.9	3.3	15.8



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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-B3: DEFINITION AS IRSMX2 TOWER

NAME: IRSMX2 – IMAGE RECOVERY SYSTEM
MANUFACTURER: SIEMENS
UUT FUNCTION: RECONSTRUCTS IMAGE FROM GANTRY TO SEND TO ICS TO VIEW ON MONITOR.
SERVICE MOUNTING: FLOOR MOUNTED (FREE-STANDING)
IDENTIFICATION NO.: MODEL NO. 10266603 / SER. NO. LBA46C0589
DIMENSIONS: 12.5" W X 27.75" D X 20.75" H
WEIGHT: 100 LBS.
MOUNTING: FLOOR MOUNTED

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u>	<u>S/S AXIS</u>	<u>VERT AXIS</u>
	12.2	21.1	41.9



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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-B4: DEFINITION AS ICS

NAME: ICS (IMAGE CONTROL SYSTEM) TOWER
MANUFACTURER: FUJITSU SIEMENS
UUT FUNCTION: ACQUIRES IMAGE FROM GANTRY AND IRS AND DISPLAYS ON MONITOR
SERVICE MOUNTING: FLOOR MOUNTED
IDENTIFICATION NO.: MODEL NO. 10304280 / SER. NO.2133
DIMENSIONS: 8.5" W X 20.5" D X 17.5" H
WEIGHT: 49 LBS.
MOUNTING: FLOOR MOUNTED

LOWEST RESONANT
FREQUENCY:

F/B AXIS
37

S/S AXIS
10.4

VERT AXIS
25.8



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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-B5: DEFINITION AS CONTROL BOX

NAME: CONTROL BOX
MANUFACTURER: SIEMENS
UUT FUNCTION: PROVIDES REMOTE INPUT CONTROL OF TABLE, POWER DISTRIBUTION CABINET, AND IMAGING.
SERVICE MOUNTING UNSECURED ATOP COUNTERTOP
IDENTIFICATION NO.: MODEL NO. 07741049 / SERIAL NO. 2889
WEIGHT 1 LB.
MOUNTING: FLOOR MOUNTED

UUT-B6: DEFINITION AS KEYBOARD

NAME: COMPUTER KEYBOARD
UUT FUNCTION: FUNCTIONS TOGETHER WITH THE CONTROL CONSOLE AND ICS TOWER FOR CONTROL OF SYSTEM AND IMAGING
SERVICE MOUNTING UNSECURED ON COUNTERTOP
WEIGHT 1 LBS.
MOUNTING: FLOOR MOUNTED

UUT-B7: DEFINITION AS DISPLAY MONITOR

NAME: MONITOR ON DESKTOP STAND
MANUFACTURER: EIZO
UUT FUNCTION: MONITORING OF X-RAY IMAGES GENERATED ON THE SYSTEM. SYSTEM MONITOR LOCATED WITHIN THE REMOTE OPERATION ROOM AND VIEWED BY OPERATOR DURING EXAM.
SERVICE MOUNTING UNSECURED ON COUNTERTOP
MOUNTING: FLOOR MOUNTED



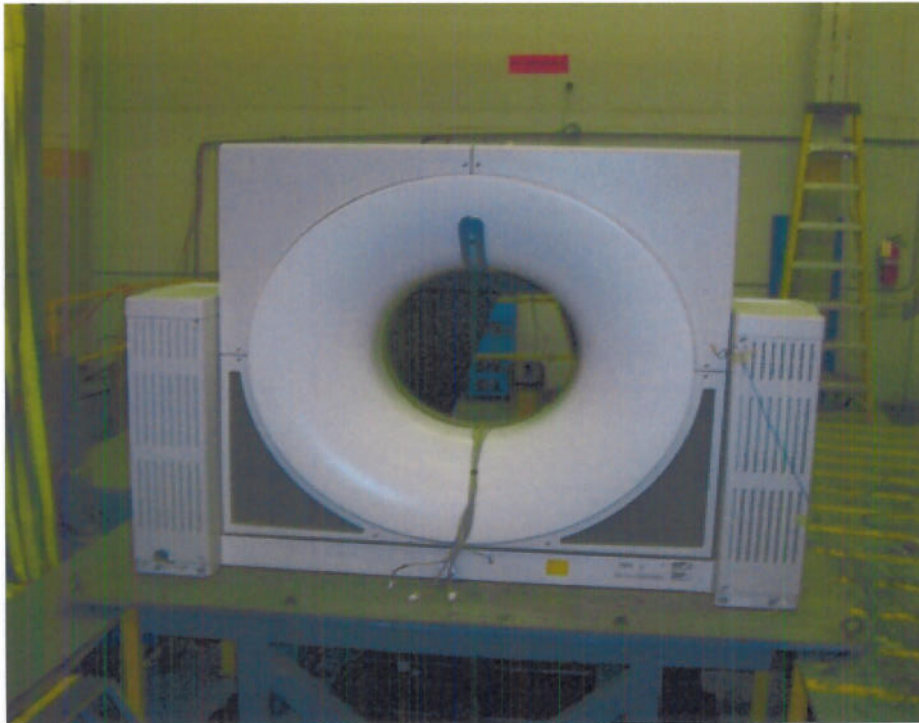
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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-C1: EMOTION 6 GANTRY

NAME: SOMATOM EMOTION 6 GANTRY
MANUFACTURER: SIEMENS
UUT FUNCTION: COMPONENT USED TO PRODUCE X-RAY IMAGE, USED IN CONJUNCTION WITH THE ICS (IMAGE CONTROL SYSTEM) & IRS (IMAGE RECONSTRUCTION SYSTEM) TO PROVIDE CT IMAGES. AIR COOLED.
IDENTIFICATION NO.: LABEL 1: MODEL NO. 03815490 / SER. NO.43591
LABEL 2: MODEL NO. 03815300 / SER. NO.1661
DIMENSIONS: 90.6" W X 26.9" D X 71.5" H
WEIGHT 2433 LBS
MOUNTING: FLOOR MOUNTED (FREE-STANDING)
LOWEST RESONANT FREQUENCY: F/B AXIS 10.7 S/S AXIS 6.4 VERT AXIS 15.8



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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-C2: EMOTION 6 LCB

NAME: LINE CONNECTION BOX
MANUFACTURER: SIEMENS
UUT FUNCTION: DISTRIBUTES POWER TO VARIOUS COMPONENTS THROUGHOUT THE SYSTEM.
IDENTIFICATION MODEL NO. 07562197 / SER. NO.1522
DIMENSIONS: 13.5"(MAX)W X 29.5"(MAX) D X 32.25"(MAX) H
WEIGHT: 257 LBS

MOUNTING: FLOOR MOUNT (FREE-STANDING)

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u> 12	<u>S/S AXIS</u> 22.7	<u>VERT AXIS</u> >50
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UUT-C3: EMOTION 6 MONITOR

NAME: 19" MONITOR DISPLAY ON DESKTOP STAND
MANUFACTURER: SIEMENS
UUT FUNCTION: MONITORING OF X-RAY IMAGES GENERATED ON THE SYSTEM. SYSTEM MONITOR LOCATED WITHIN THE REMOTE OPERATION ROOM AND VIEWED BY OPERATOR DURING EXAM.
IDENTIFICATION NO.: MODEL NO. 07733392 / SER. NO.HXT4002836
DIMENSIONS: 16" W X 8" D X 17.5" H
WEIGHT 32 LBS.
MOUNTING: UNSECURED ON COUNTERTOP



Siemens Medical Solutions SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-C4: EMOTION 6 ICS

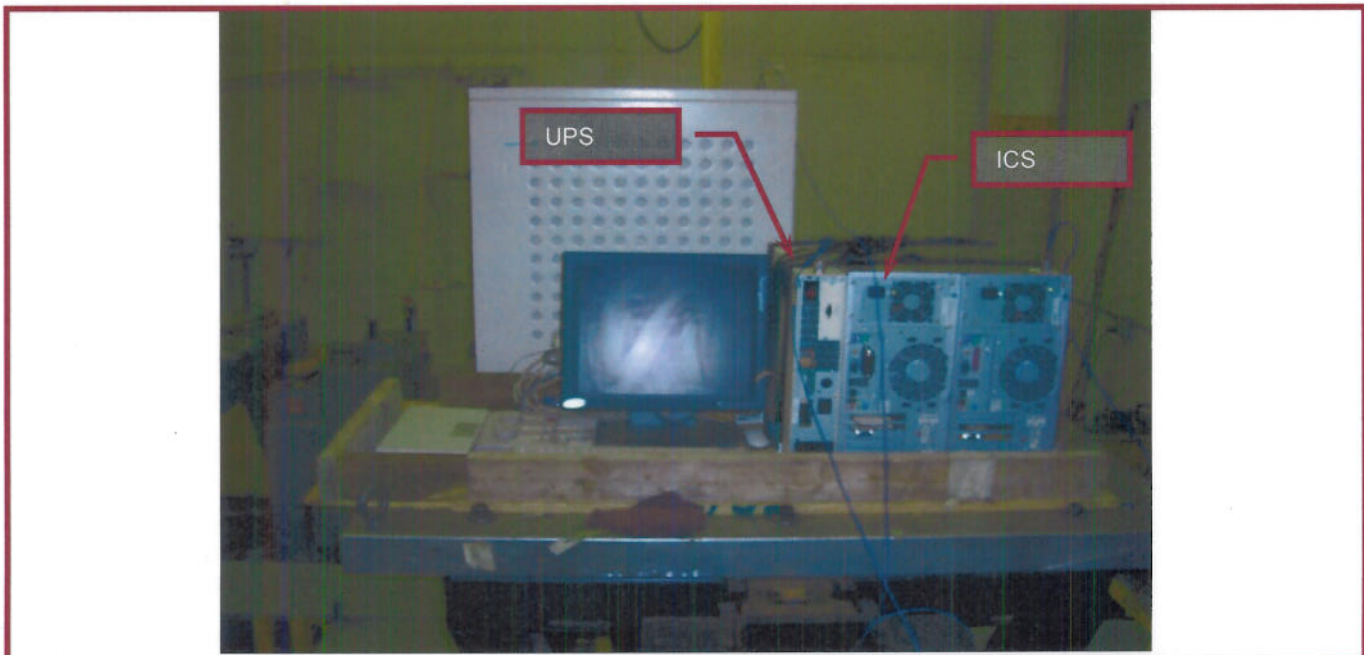
NAME: NAVIGATOR ICS TOWER 7A - IMAGE CONTROL SYSTEM
MANUFACTURER: FUJITSU SIEMENS
UUT FUNCTION: ACQUIRES IMAGE FROM GANTRY AND IRS AND DISPLAYS ON MONITOR
IDENTIFICATION NO.: MODEL NO. 08879566 / SER. NO.2468
DIMENSIONS: 8" W X 22.5" D X 17.25" H
WEIGHT 68 LBS.
MOUNTING: ANCHORED TO COUNTERTOP

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u> 25.9	<u>S/S AXIS</u> 19.5	<u>VERT AXIS</u> 42.9
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UUT-C5: EMOTION 6 UPS

NAME: EATON POWERWARE MODEL 9125 UPS
MANUFACTURER: EATON
UUT FUNCTION: KEEPS STEADY FLOW OF POWER TO CONTROL ROOM COMPONENTS AS WELL AS BACKUP FOR POWER FAILURE TO SAVE EXISTING INFORMATION.
IDENTIFICATION NO.: MODEL NO. 07732 / SER. NO.STW465AQ597
DIMENSIONS: 3.375" W X 19.25" D X 17" H
WEIGHT 61 LBS.
MOUNTING: ANCHORED TO COUNTERTOP

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u> 25.6	<u>S/S AXIS</u> 19.5	<u>VERT AXIS</u> 42.9
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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-C6: EMOTION 6 ETHERNET SWITCH BOX

NAME: ETHERNET SWITCH BOX
MANUFACTURER: ASANTE TECHNOLOGIES, INC.
UUT FUNCTION: ALLOWS SENDING OF IMAGE TO MULTI WORK STATION AND VARIOUS NETWORKS.
IDENTIFICATION NO.: MODEL NO. GX5-000 / SER. NO.304C0361
DIMENSIONS: 9.5" W X 7.25" D 1.75" H
WEIGHT 1 LB.
MOUNTING: ANCHORED TO COUNTERTOP OR WALL

UUC-C7: EMOTION 6 IRS

NAME: IRS TOWER 7A – IMAGE RECOVERY SYSTEM
MANUFACTURER: FUJITSU SIEMENS
UUT FUNCTION: RECONSTRUCTS IMAGE FROM GANTRY TO SEND TO ICS TO VIEW ON MONITOR.
IDENTIFICATION NO.: MODEL NO. 07734663 / SER. NO. 1352
DIMENSIONS: 8" W X 22.25" D X 17.25" H
WEIGHT 66 LBS.
MOUNTING: ANCHORED TO COUNTERTOP

LOWEST RESONANT FREQUENCY:	<u>F/B AXIS</u> 25.9	<u>S/S AXIS</u> 19.5	<u>VERT AXIS</u> 42.9
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SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS

ATTACHMENT 2: SCHEDULE OF TEST SPECIMENS

UUT-C8: EMOTION 6 CONTROL PANEL

NAME: SOMATOM EMOTION 6 CONTROL PANEL
MANUFACTURER: SIEMENS
UUT FUNCTION: PROVIDES REMOTE INPUT CONTROL OF TABLE, POWER DISTRIBUTION CABINET,
AND IMAGING.
IDENTIFICATION: MODEL NO. 03806515 / SER. NO.5099
DIMENSIONS: 9.5" W X 7.25" D X 2.5" H
WEIGHT: 1 LB.
MOUNTING: UNSECURED ON COUNTERTOP

UUT-C9: EMOTION 6 KEYBOARD

NAME: COMPUTER KEYBOARD
UUT FUNCTION: FUNCTIONS TOGETHER WITH THE CONTROL PANEL AND ICS TOWER FOR
CONTROL OF SYSTEM AND IMAGING
WEIGHT: 1 LBS
MOUNTING: UNSECURED ON COUNTERTOP

Siemens Medical Solutions**SPECIAL SEISMIC CERTIFICATION OF COMPUTED TOMOGRAPHY (CT) SYSTEMS****ATTACHMENT 3: SCHEDULE OF PENDING OSHPD ANCHORAGE PRE-APPROVALS****TABLE 3-1: PENDING OSHPD ANCHORAGE PRE-APPROVALS (OPA)**

COMPONENT	OPA NO.	APPROVAL STATUS
SIEMENS BIOGRAPH MCT CT-PET GANTRY	2197-10	Pending
SIEMENS BIOGRAPH MCT CT-PET GANTRY	2198-10	Pending
TEAL PDU CABINET	2201-10	Pending
TEAL PDU CABINET	2481-10	Pending
SIEMENS BIOGRAPH MCT PATIENT TABLE	2285-10	Pending
SIEMENS BIOGRAPH 6 SYSTEM CT-PET GANTRY	2286-10	Pending
SIEMENS BIOGRAPH 6 SYSTEM PATIENT HANDLING SYSTEM	2288-10	Pending
SIEMENS BIOGRAPH 16 CT-PET GANTRY	2289-10	Pending
SIEMENS BIOGRAPH 16 PATIENT HANDLING SYSTEM	2291-10	Pending
SIEMENS BIOGRAPH 64/40 SYSTEM PET-CT GANTRY	2292-10	Pending
SIEMENS BIOGRAPH 64/40 SYSTEM PATIENT HANDLING SYSTEM	2294-10	Pending
BIOGRAPH HI REZ 6 SYSTEM	2676-10	Pending
BIOGRAPH HI REZ 6 SYSTEM	2677-10	Pending
BIOGRAPH HI REZ 16 SYSTEM	2683-10	Pending
BIOGRAPH HI REZ 16 SYSTEM	2684-10	Pending
IRSMX1 CABINET	2315-10	Pending
LINE CONNECTION BOX	2316-10	Pending
PDC A CABINET	2317-10	Pending
PDC B CABINET	2318-10	Pending
POWER DISTRIBUTION CABINET & UPS	2319-10	Pending
PATIENT TABLE (MULTI PURPOSE TABLE)	2323-10	Pending