

Title: Principal Engineer

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

OFFICE USE ONLY APPLICATION FOR HCAI SPECIAL SEISMIC **CERTIFICATION PREAPPROVAL (OSP) APPLICATION #: OSP-0696 HCAI Special Seismic Certification Preapproval (OSP)** Renewal Type: New **Manufacturer Information** Manufacturer: **FUJIFILM Healthcare Corporation** Manufacturer's Technical Representative: Michael Haber Mailing Address: 1959 Summit Commerce Park, Twinsburg, OH 44087 Telephone: (800) 800-4925 Email: Michael.Haber@fujifilm.com **Product Information** Product Name: CT Systems Product Type: NA Product Model Number: SCENARIA View Whole Body X-ray CT System General Description: Multiple component diagnostic imaging whole body X-ray Computed Tomography (CT) system Mounting Description: See Certified Product Tables, -None Tested Seismic Enhancements: **Applicant Information** Applicant Company Name: EASE LLC Contact Person: Jonathan Roberson Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709 Telephone: (909) 606-7622 Email: jon@EASECo.com





STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: EASE LLC
Name: Jonathan Roberson California License Number: S4197
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709
Telephone: (951) 295-1892
Certification Method
☐ GR-63-Core
Other (Please Specify):
EOR CODE CO
Testing Laboratory
Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)
Contact Person: Jeremy Lange
Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513
Telephone: (972) 247-9657 By Email: Jeremy@etldallas.com
DATE: 04/05/2023





04/05/2023 OSP-0696 Page 2 of 11



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

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Design Basis of Equipment or Components (Fp/Wp) = See attachment

SDS (Design spectral response acceleration at short period, g) = 2.0 (z/h = 1) and 2.5 (z/h = 0)

ap (Amplification factor) = See attachment

Rp (Response modification factor) = See attachment

 Ω_0 (System overstrength factor) = 2.0

 I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 1 and 0

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

HCAI Approval (For Office Use Only) Approval Expires on 04/05/2029

Date: 4/5/2023 OSP-0696

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: Sps (g) = See Above z/h = See Above

Condition of Approval (if applicable):





04/05/2023 OSP-0696 Page 3 of 11



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 1 OF 2

TABLE 1:

	althcare Corporation ew (Whole Body X-Ray	CT)							$S_{DS} = 2.0$ $S_{DS} = 2.5$		
COMPONENT	IDENTIFICATION NUMBER	1	. DIMENSIC	NS (IN.)	APPROX. WT	. MOUNT	BASIS [1]	F _P /W _P	ар	R₽	Ωο
GANTRY	NOMBER	• • • • • • • • • • • • • • • • • • • •		••	(LD.)	MOON	BAGIO	1 77 77 7	αг	IXP	320
CT Scanner Gantry	CT-WS-21D	92.5	37.1 R	78.7 L	E 4779	Rigid Base	UUT-2005-1	2.40 1.13	1	1 ½	2
PATIENT TABLE					1/					_	
Patient Table	CT-WT-23	25.6	110.4 - 193.0	19.3 - 40.0	1194 ^[2]	Rigid Base	UUT-2005-2	2.40 1.13	1	1 ½	2
CONSOLES		121			<u> </u>	17					
Operator Console [3]	CT-OC-22	16.6	29.3	SP _{23.9} 00	696 _{169.5}	Rigid Base	UUT-2005-3	1.50 1.13	2 ½	6	2
Operator Console, with [4]	CT-OC-23A	16.5	B\27.6/10	23.6 namna	nd K ^{165.5}	Ri <mark>gid Ba</mark> se	UUT-2204-1	1.50 1.13	2 ½	6	2
Transformer for CT-OC-23A	AA36514	11.8	11.8	11.8	83.5	Ri <mark>gid Ba</mark> se	UUT-2204-3	1.44 1.13	1	2 ½	2
Operator Console, with [4]	CT-OC-23B	16.5	27.6	23.6)/2023 171	Rigid Base	UUT-2204-2	1.50 1.13	2 ½	6	2
Transformer for CT-OC-23B	AA36514	11.8	11.8	11.8	83.5	Rigid Base	SAME AS UUT-2204-3	1.44 1.13	1	2 ½	2
UPS (Fuji Electric Co., Ltd.) [5]	CT-UPS-3	6.9	19.6	8.7	52	Rigid Base	UUT-2005-7	1.44 1.13	1	2 ½	2
UPS (Fuji Electric Co., Ltd.) [5]	CT-UPS-4	6.9	19.6	J[8.7]	NG ₅₂	Rigid Base	UUT-2204-4	1.44 1.13	1	2 ½	2
USER INTERFACE						<u> </u>					
LCD Monitor, 24" (EIZO) [5]	CT-MON-SCEV	22.6	9.6	16.1 - 21.8	18	СТА	UUT-2005-4	1.44 1.13	1	2 ½	2
LCD Monitor, 24" (EIZO) [5]	CT-MON-SCEV2	21.7	11.5	17.0 - 20.5	16	СТА	UUT-2204-5	1.44 1.13	1	2 ½	2
Speaker (Kanda) [5]	MK-SP8B	5.6	5.4	8.0	2.5	Wall	UUT-2005-5	1.44 1.13	1	2 ½	2
Intercom Box [5]	CT-IBOX-SCEV	18.1	3.5	2.2	2	СТА	UUT-2005-6	1.44 1.13	1	2 ½	2

Table continues next page

04/05/2023 OSP-0696 Page 4 of 11



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 2 OF 2

TABLE 1:

System Manufacturer System		Fujifilm Healthcare Corporation Scenaria View (Whole Body X-Ray CT)									$S_{DS} = 2.0$ at z/h = 1 $S_{DS} = 2.5$ at z/h = 0		
COMPONENT	IDENTIFICA NUMBE	TION APPROX	APPROX. DIMENSIONS (IN.)		APPROX. WT.	MOUNT	BASIS [1]	Fp/Wp	ар	Rp	Ωο		
Mount	RIGID BASE: free-standing base. CTA (Countertop, Anchored WALL: component fully sup	l): unit is anchored to	a counter, c	desk, or oth)FC		a supporting st	ructure and r	no lateral su	ipport abo	ve the		
Notes	BASIS: UUT#: Indicates that		H		stics was tested a	as part of this	testing progran	1					
	 SAME: Indicates color, and/or softwar 		, mechanica	ally, and ele	ectrically the sam	e as another	test specimen w	vith difference	es limited to	model nu	ımber,		
	 Patient table weight do Requires use of syster 		R Y IVIO	t weight pro	esent during test.								
	4. Requires use of system5. Requires use of one system			or P/N: 45	3 341023	2							



ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 1 OF 6

UUT-2005-1	CT Scanner	Gantry				
Manufacturer:	Hitachi, Ltd. (Now	Fujifilm Healthcare Co	rporation)			WALKET !
Identification:	Type No.: CT-WS Serial No.: KB404				UUT-1	
Description:	Component of Sco	enaria View CT System	1			
Mounting:	Rigid Base (Floor) Grade 5 Allen Hea) mounted using (8) – 1 ad Cap Screws w/ Stan	/2" dia. SAE J429 dard Washers	Lowes	t Resonant Frequence	cy [Hz]
			Weight [lb]	Front - Axis	Side - Axis	Vert - Axis
Width	Depth	Height				
Width 92.5	Depth 37.1	Height 78.7	4779	5.50	5.98	11.82
92.5	· ·	78.7	 		5.98	
92.5	37.1	78.7	 		5.98 A _{FLX-V} [G]	
92.5 CC-ES AC156 Sha	37.1	78.7	4779 SP 0606	5.50		11.82

		THE WARREN TO SERVE THE SE		THE THE PARTY OF T			
Manufacturer:	Hitachi, Ltd. (Now Fi	ujifilm Healthcare Corp	poration)				
Identification:	Type No: CT-WT-2 Serial No.: KB404A0						
Description:	Component of Scenaria View CT System						
	Includes built-in later	al shift functionality.				uura Ren 1844	
		f 440 lb not included i ration for Depth = 160		Q -			
Mounting:	weight. Test configu 35 in Rigid Base (Floor) m		0 in and Height = 8" dia. SAE J429	2			
Mounting:	weight. Test configu 35 in Rigid Base (Floor) m	$\frac{160}{100}$ $\frac{1}{100}$	0 in and Height = 8" dia. SAE J429	Lower	st Resonant Frequence	cy [Hz]	
Mounting: Width	weight. Test configu 35 in Rigid Base (Floor) m Grade 8 Allen Head	$\frac{160}{100}$ $\frac{1}{100}$	0 in and Height = 8" dia. SAE J429	Lowes Transv - Axis	st Resonant Frequence Longit - Axis	cy [Hz] Vert - Axis	
	weight. Test configu 35 in Rigid Base (Floor) m Grade 8 Allen Head Dimensions [in]	ration for Depth = 160 nounted using (4) – 5/8 Cap Screws w/ Stand	0 in and Height = B" dia. SAE J429 lard Washers		·	,	
Width 25.6	weight. Test configu 35 in Rigid Base (Floor) m Grade 8 Allen Head Dimensions [in] Depth	ration for Depth = 160 rounted using (4) - 5/8 Cap Screws w/ Stand Height 19.3 - 40.0*	0 in and Height = B" dia. SAE J429 lard Washers Weight [lb]	Transv - Axis	Longit - Axis	Vert - Axis	
Width 25.6	weight. Test configured in the second	ration for Depth = 160 rounted using (4) - 5/8 Cap Screws w/ Stand Height 19.3 - 40.0*	0 in and Height = B" dia. SAE J429 lard Washers Weight [lb]	Transv - Axis	Longit - Axis	Vert - Axis	



ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 2 OF 6

Manufacturer:	Hitachi, Ltd. (Now F	ujifilm Healthcare Co	rporation)			
Identification:	Type No: CT-OC-2 Serial No.: KB404A					
Description:	Component of Scenaria View CT System					
	Requires the use of	system seismic kit P	/N: 453341			
					umiddillillillillillillillillillillillilli	and the state of t
Mounting:	Rigid Base (Floor) r Grade 8 Allen Head	nounted using (6) – 3 I Cap Screws w/ Star	8/8" dia. SAE J429 ndard Washers			
Mounting:	Rigid Base (Floor) n Grade 8 Allen Head Dimensions [in]	mounted using (6) – 3 I Cap Screws w/ Star	8/8" dia. SAE J429 ndard Washers	Lowes	st Resonant Frequen	
Mounting: Width	Grade 8 Allen Head	mounted using (6) – 3 I Cap Screws w/ Star	3/8" dia. SAE J429 adard Washers CODE Weight [lb]	Lowes Front - Axis		
•	Grade 8 Allen Head Dimensions [in]	Cap Screws w/ Star	CODE C	(40)	st Resonant Frequen	cy [Hz]
Width 16.6	Dimensions [in]	Height 23.9	CODE Weight [lb]	Front - Axis	st Resonant Frequen Side - Axis	cy [Hz] Vert - Axis
Width 16.6	Dimensions [in] Depth 29.3	Height 23.9	CODE Weight [lb]	Front - Axis	st Resonant Frequen Side - Axis	cy [Hz] Vert - Axis

UUT-2005-4	4 LCD Monito	r, 24"	2021C01F0					
Manufacturer:	Hitachi, Ltd. (Now	Fujifilm Healthcare Cor	ooration) / EIZO					
Identification:	Type No.: CT-MOI Serial No.: KB404							
Description:	Component of Scenaria View CT System							
	Monitor also labele EIZO Corporation Model: Radiforce N	<u>ed:</u> MX242W; Serial No.: 45	649096					
	Desk mount which	is part of system seism	ic kit P/N: 453341					
		*Tested at 21.8 i	n height during test.					
Mounting:	Steel Square-neck	ed mounted using (4) – Carriage Bolts w/ Stan sher, and Lock Nuts thr	dard Washers,	◆				
	Dimensions [in			Lowes	cy [Hz]			
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis		
22.6	9.6	16.1 - 21.8*	18	9.11	4.80	7.36		
ICC-ES AC156 Sh	nake Table Test Paran	neters						
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 AC15	56 requirements for stru	ctural integrity and mar	nufacturer requiremen	nts for functionality afte	r AC156 test.			



ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 3 OF 6

	Speaker						
Manufacturer:	Hitachi, Ltd. (Now	Fujifilm Healthcare Co	rporation) / Kanda				
Identification:	Part No.: MK-SP8 Serial No.: <none< td=""><td></td><td></td><td></td><td></td><td></td></none<>						
Description:	Component of Sci	enaria View CT Systen	า			9	
	Wall mount includ 453341	ed in required system	seismic kit P/N:	UUT-	5		
Mounting:	Wall mounted using provided external	ng (2) – 1/4" dia HWH bracket into metal stud	Tek Screws through				
	Dimensions [in	1		Lowest Resonant Frequency [Hz]			
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis	
5.60	5.40	8.0	2.5	¥,			
CC-ES AC156 Sh	ake Table Test Parar	meters	15D 0606			•	
	z/h	P Ip	A _{FLX-H} [G]	A _{RIG-H} [G]	A _{FLX-V} [G]	A _{RIG-V} [G]	
S _{DS} [G]	1	1.5	3.20	2.40	1.68	0.68	
S _{DS} [G] 2.0 2.5	Ö	B.5. Mo	ohammad Kar				

UUT-2005-6	Intercom Bo	X MARCHES	2021C01+0			
Manufacturer:	Hitachi, Ltd. (Now F	ujifilm Healthcare Corpo	oration)	V	The same of the same	
Identification:	Type No.: CT-IBOX Serial No.: KB404A	-SCEV 00005		SV.		
Description:	Component of Scen	aria View CT System	VILDING	GATTA MALTIN TO quarter production of the control production of the co	100 EU pair	INCREST JAN'S
	Requires the use of	system seismic kit P/N	: 453341	HITACHI 2		b « ()
Mounting:		<u>d mounted</u> using (4) – # vided external bracket ii		In the second		
	Dimensions [in]			Lowes	st Resonant Frequen	cy [Hz]
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis
18.1	3.5	2.2	2.0	>50	>50	12.15
ICC-ES AC156 Sha	ke Table Test Paran	neters		•		
S _{DS} [G]	z/h	l _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
Jnit satisfied AC156	requirements for stru	ctural integrity and mar	nufacturer requiremer	nts for functionality afte	r AC156 test.	



ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 4 OF 6

UUT-2005-7	Uninterruptik	ole Power Sup	ply (UPS)			
Manufacturer:	Hitachi, Ltd. (Now F Fuji Electric Co., Ltd	ujifilm Healthcare Cor	poration) /			
Identification:	Type No.: CT-UPS- Serial No.: KB404A					
Description: Mounting:	Also labeled Fuji El Model: GX200 1.5 k Requires the use of	system seismic kit P/ nounted using (4) – 3, Screws w/ Standard V	N: 453341 /8" dia. SAE J429		UU	
	Dimensions [in]			Lowes	st Resonant Frequen	cy [Hz]
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis
6.9	19.6	8.7	52	>50	>50	>50
ICC-ES AC156 Shak	e Table Test Parame	eters	SP-0696			
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	3.5/: Mc	nammad Kar	m 2.40	1.68	0.68
Unit satisfied AC156		ctural integrity and ma		its for functionality afte	r AC156 test.	•

UUT-2204-1	Operator Co	nsole							
Manufacturer:	Fujifilm Healthcare	Corporation							
Identification:	Type No.: CT-OC-2 Serial No.: KB471A			0	WENTER OF THE PROPERTY OF THE PROPERTY ASSESSMENT				
Description:	Component of Scenaria View CT System								
	Requires separatel	y mounted transforme	r (P/N: AA36514)		UUT-1	70			
	Requires system se	eismic kit P/N: HC0022							
Mounting:	Rigid Base (Floor) Grade 5 Allen Head	mounted using (6) – 3/ d Cap Screws w/ Stand	/8" dia. SAE J429 dard Washers						
	Dimensions [in]			Lowes	st Resonant Frequen	cy [Hz]			
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis			
16.5	27.6	23.6	165.5	11.21	11.91	11.82			
ICC-ES AC156 Sh	ake Table Test Param	eters							
S _{DS} [G]	z/h	l _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			



ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 5 OF 6

UUT-2204-2	Operator Co	nsole				
Manufacturer:	Fujifilm Healthcare	Corporation		1000		
Identification:	Type No.: CT-OC-7 Serial No.: KB471					
Description:	Component of Scenaria View CT System					
	Requires separate	y mounted transformer	(P/N: AA36514)		annusuma:	
	Requires system s	eismic kit P/N: HC0022.	2		UUT-2	
Mounting:	Rigid Base (Floor) Grade 5 Allen Hea	mounted using (6) – 3/8 d Cap Screws w/ Stand	8" dia. SAE J429 ard Washers	5	ANTINESTINE SOUTHWARE PROPERTY OF THE PROPERTY	
	Dimensions [in]			Lowest Resonant Frequency [Hz]		
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis
16.5	27.6	23.6	171	11.73	12.44	11.96
CC-ES AC156 Shal	ce Table Test Param	eters	SP-0696			
S _{DS} [G]	z/h	I I I I I I I I I I I I I I I I I I I	A _{FLX-H} [G]	A _{RIG-H} [G]	A _{FLX-V} [G]	A _{RIG-V} [G]
2.0 2.5	1 0	B \$/: Mo	hamn³æd Kar	2.40	1.68	0.68
Jnit satisfied AC156	requirements for stru	ctural integrity and mar	nufacturer requiremen	nts for functionality afte	r AC156 test.	
		DATE	04/05/202	3		

UUT-2204-3	Transforme	for CT-OC-23	A 1882 1881	Silver Si			
Manufacturer:	Fujifilm Healthcare Corporation						
Identification:	Part No.: AA36514 Serial No.: KB471AH-10						
Description:	Component of Sce	naria View CT System	UILDING		0 0		
	Also labeled Mode	ol No.: CT-OC-23A			5 0		
Mounting:	Grade 5 Allen Hea	mounted using (4) – 3/δ d Cap Screws w/ Clippe THK, 0.8" WIDTH, Stee	ed Washers (7/8"	Maga rindi and Maga rindi and Maga shahasisi			
	Dimensions [in]			Lowest Resonant Frequency [Hz]			
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis	
11.8	11.8	11.8	83.5	45.70	>50	>50	
ICC-ES AC156 Shal	ke Table Test Paran	neters					
S _{DS} [G]	z/h	l _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 stru	ictural integrity and mar	nufacturer requireme	nts for functionality afte	er AC156 test.	•	



ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 6 OF 6

UUT-2204-4	Uninterrupti	ble Power Sup	ply (UPS)			
Manufacturer:	Fujifilm Healthcare Fuji Electric Co., Lt					
Identification:	Type No.: CT-UPS Serial No.: KB471A			70	distribution of the second of	
Description: Mounting:	Also labeled Fuji E Model: GX200 1.5 Requires the use o		3" dia. SAE J429 ard Washers			
	Dimensions [in]			Lowest Resonant Frequency [Hz]		
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis
6.9	19.6	8.7	52	>50	47.52	>50
CC-ES AC156 Shal	ke Table Test Par <mark>am</mark>	eters	SP-0696			
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	3.5/: Mo	hammad Ka	rim 2.40	1.68	0.68
Unit satisfied AC156	requirements for stru	ctural integrity and mar	nufacturer requireme	nts for functionality afte	r AC156 test.	

UUT-2204-	5 LCD Monito	r, 24"		S S			
Manufacturer:	Fujifilm Healthcare Corporation / EIZO						
Identification:	Type No.: CT-MON Serial No.: KB471/					(Se	
Description:	Component of Sce	naria View CT System	LILDING				
	Includes: Desk mount and m (Part of system se	MX243W; Serial No.: 20 nounting hardware smic kit P/N: HC00222; *Tested at 20.5" i) n height during test.	UUT	T-5		
Mounting:	Countertop Attached mounted using (4) – 5/16" dia. Stainless Steel Square-neck Carriage Bolts w/ Standard Washers, Split-ring Lock Washer, and Lock Nuts through provided external bracket						
	Dimensions [in]			Lowest Resonant Frequency [Hz]			
Width	Depth	Height	Weight [lb]	Front - Axis	Side - Axis	Vert - Axis	
21.7	11.5	17.0 – 20.5*	16	9.38	7.46	9.27	
ICC-ES AC156 SI	hake Table Test Paran	neters					
S _{DS} [G]	z/h	l _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 AC1	56 requirements for stru	ctural integrity and mar	nufacturer requiremen	ts for functionality after	er AC156 test.		

04/05/2023 OSP-0696