

# DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC	OFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #: OSP-0479
HCAI Special Seismic Certification Preapproval (OSP)	
Type: New X Renewal	
Manufacturer Information	
Manufacturer: GE Healthcare	
Manufacturer's Technical Representative: Du Pengfei	
Mailing Address: 3000 N. Grandview Blvd., Waukesha, WI 53188-1696	
Telephone: +86 1891-1901406 Email: Pengfei.du@gehea	Ithcare.com
FORCODECO	
Product Information	
Product Name: Fluoroscopy and Radiography Systems	1 P
Product Type: NA	2
Product Model Number: Optima XR646, Optima XR646 HD, Discovery XR656	Plus, Discovery XR656 HD (Definium 656 HD)
General Description: System components of multiple-component medical d	iagnostic radiography imaging systems.
Mounting Description: See Certified Product Tables	
Tested Seismic Enhancements: Seismic enhancements made to the test un anomalies during the tests shall be incorpo	nits and/or modifications required to address rated into the production units.
Applicant Information	
Applicant Company Name: TRU Compliance, by Structural Integrity Associates	5
Contact Person: Daniel Zentner	
Mailing Address: 233 SW Wilson Ave, Suite 101, Bend, OR 97702	
Telephone: (541) 292-5839 Email: dzentner@structint.	com

Title: Program Manager



"A healthier California where all receive equitable, affordable, and quality health care"

Al Am



# DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.
Name: LACHEZAR HANDZHIYSKI California License Number: S6515
Mailing Address: 5215 Hellyer Avenue, Suite 210, San Jose, CA 95138
Telephone: (669) 437-0200 Email: Lhandzhiyski@StructInt.com
Certification Method
GR-63-Core X ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3
Other (Please Specify):
EOR CODE CO.
Testing Laboratory
Company Name: CHINA TELECOMMUNICATION TECHNOLOGY LABS (CTTL)
Contact Person: Lanfang Cui
Mailing Address: No.299, Tengfei Road, Industrial Park, Lianchi District, Baoding, Hebei, China
Telephone: +86 0312-6798950 Email: cuilanfang@caict.ac.cn
Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)
Contact Person: Jeremy Lange Q DATE: 01/18/2024
Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513
Telephone: (972) 247-9657 Email: Jeremy@etIdallas.com
BUILDING



"A healthier California where all receive equitable, affordable, and quality health care"

All Ju



# DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

Seismic Parameters			
Design Basis of Equipment or Component	ts (Fp/Wp) = See Attached Table 7		
SDS (Design spectral response acce	eleration at short period, g) = See Atta	ched Table	7
ap (Amplification factor) =	See Attached Table 7		
$R_P$ (Response modification factor) =	See Attached Table 7		
$\Omega_0$ (System overstrength factor) =	2.0		
lp (Importance factor) =	1.5		
z/h (Height ratio factor) =	1 and 0		
Natural frequencies (Hz) =	See Attachment		
Overall dimensions and weight = HCAI Approval (For Office Use Only)	See Attachment	0 7	
Date: 1/18/2024	OSP-0479	G	
Name: Timothy Piland		Title:	Senior Structural Engineer
Special Seismic Certification Valid Up to: \$	SDS (g) = See Above	z/h =	See Above
Condition of Approval (if applicable):	DATE: 01/18/2024		
	E BUILDING COS	02	



OSP-0479



Manufacturer:	GE Healthcar							ТАВ	LE 1
Model Line:	•	6 / Discovery XR656 Plus							
Certified Product Co		•							
Constructed of carbo	n steel, alumini	im, and plastic components							
			CORCOD	Eco					
Certified Options Sur	-			N N	1.				
KR646 Systems: 2 or 3	0								
		e with 5135678-3 (longitudina	al rails) or 5135678-4 (no	longitudir	hal rails) tu	ibe suppor	ts.		
Mounting Configurat	ion:	No.			72				
Ceiling mounted - rig	id	8	OSP-04	.79	2				
Note: Installed mounting r	nust be of similar c	onfiguration and equiva <mark>lent str</mark> ength	and stiffness to those tested.						
Building Code: CBC 2	022	Seisn	nic Certification Limits:	an <b>s</b> = S <sub>DS</sub> =	2.0g z/l 2.5g z/l	h = 1.0 h = 0.0	$I_{P} = 1.5$		
Assembl	y			Di	mension (	(in)	Weight	Netze	
(Componei	nts)	Subcomponents	D Model Number 8	Depth	Width	Height <sup>1</sup>	(lbs.)	Notes	UUT
	Ī	2 Meter Bridge	5693326	and the second s	AND				
		Tube Support	5139720	HARKA					
Overhead Tube		X-Ray Tube	46-155400G284	25.8	83.5	35.5 -	820		7
(XR646 system - 2 m	eter bridge) —	Collimator (AL01C II)	Type: 5234954	IGC		106.3			
		Longitudinal Rails	5340818_DI	NG					
		3 Meter Bridge	5693325						
		Tube Support	5139720						
Overhead Tube		X-Ray Tube	46-155400G284	25.8	120.5	35.5 -	885		8
(XR646 system - 3 m	eter bridge) —	Collimator (AL01C II)	Type: 5234954			106.3			
		Longitudinal Rails	5340818						
		-							
Notes:			1	I	1	1	<u> </u>		
		om top of longitudinal rail to fo							



Manufacturer: Model Line:	GE Healthcar	e 6 / Discovery XR656 Plus						TABLE	1
Certified Product Co									
		um, and plastic components							
			OD COD	Fa					
Certified Options Su	ummary:		FORCOD	500					
(R646 Systems: 2 or	<sup>-</sup> 3 Meter Bridge				10,				
(R656 Systems: 2, 3	, or 4 Meter Bridg	e with 5135678-3 (longitudin	al rails) or 5135678-4 (no	longitudir	nal rails) tu	be suppor	ts.		
Mounting Configure	ation:	S	AMARINA AMARANA		AZ				
Ceiling mounted - ri	gid	4	OSP-04	79		2			
•	-	onfiguration and equivalent strengt	h and stiffness to those tested						
Building Code: CBC			nic Certification Limits:	an <b>g</b> <sub>DS</sub> =	2.0g z/l 2.5g z/l	h = 1.0 h = 0.0	I <sub>P</sub> =	1.5	
Assemb	oly				mension (		Weight		· · · · -
(Compone	-	Subcomponents	D Model Number 8	Depth	Width	Height <sup>1</sup>	(lbs.)	Notes	UUT
		2 Meter Bridge	5143542	<i>HHHH</i>	B3 0				
Overhead Tube	e Support	Tube Support	5135678-3 & 5135678-4			32.0 -	000	UUT: 5135678-3 w/Longitudinal	
(XR656 system - 2 r	meter bridge)	X-Ray Tube	46-155400G284	25.8	83.9	102.6	880	Rails	9
		Collimator (AL01C II)	Type: 5234954	NG					
		Longitudinal Rails	5340818						
		3 Meter Bridge	5127305						
	- Course and	Tuba Support	5135678-3			22.0			
Overhead Tube (XR656 system - 3 r		Tube Support	5135678-4	26.3	157.0	32.0 - 102.6	1,170		Interp
(ARODO SYSLEIII - 5 I	neter bridge)	X-Ray Tube	46-155400G284	-		102.0			
		Collimator (AL01C II)	Type: 5234954						
Notes:									



Manufacturer:	GE Healthcare	5						TABLE	1
Model Line:	Optima XR646	6 / Discovery XR656 Plus							
Certified Product Con	struction Sumr	mary:							
Constructed of carbor	steel, aluminu	im, and plastic components							
			ORCOD	FC					
Certified Options Sum	mary:		FUTUTION	- CON	1.				
XR646 Systems: 2 or 3	-								
XR656 Systems: 2, 3, o	r 4 Meter Bridg	e with 5135678-3 (longitudin	al rails) or 5135678-4 (no	longitudir	nal rails) tu	be suppor	ts.		
Mounting Configurati	on:	S	A MANANA AND AND AND AND AND AND AND AND AN		2				
Ceiling mounted - rigio	ł	4	OSP-04	79					
Note: Installed mounting m	ust be of similar co	onfiguration and equivalent strengt	h and stiffness to those tested.						
Building Code: CBC 20	22	O Seisi	mic Certification Limits:	an <b>s</b> =	2.0g z/l 2.5g z/l	n = 1.0	I <sub>P</sub> =	1.5	
Assembly					mension (		Weight		
(Componen		Subcomponents	D Model Number 8	Depth	Width	Height <sup>1</sup>	(lbs.)	Notes	UUT
		4 Meter Bridge	5189123	ATARA A	BA O				
Overhead Tube S	upport	Tube Support	5135678-3 & 5135678-4			32.0 -	1.170	UUT: 5135678-3 w/ Longitudinal	10
(XR656 system - 4 me	ter bridge)	X-Ray Tube	46-155400G284	26.3	157.0	102.6	1,170	Rails	10
		Collimator (AL01C II)	Type: 5234954	10					
		Longitudinal Rails	5340818						
						1	I		I
Notes:									

#### 2200668-CR-001-R4



Manufacturer:	GE Healthcare							ТЛО	SLE 2
Model Line:	Optima XR646 / Di	scovery XR656 Plus							
Certified Product Co	onstruction Summary	•							
Constructed of carb	on steel, aluminum, a	nd plastic components							
			OD CODI	E					
Certified Options Su	ımmary:		FORCODI	CON					
-	•	vary from a value of "1" 1	to "99" and indicates firr	nware dif	ferences.				
		S							
Mounting Configure	ntion				XX Y				
•••	d or Wall/Base mounte	ed - rigid	OSP-04	79	6				
0				10	-1 \r				
Note: Installed mounting	g must be of similar configu	ration and equivalent strength	<b>D</b> )/	<u> </u>	2.0g z/	h = 1.0			
			UV Timethy Dil	o b 👌 nc E i	2.0a Z/	1 = 1.0			
Building Code: CBC	2022	Seism	ic Certification Limits:				$I_P =$	1.5	
•		O Seism	ic Certification Limits:	\$ <sub>DS</sub> =	2.5 g z/	<mark>h = 0</mark> .0	-	1.5	
Assemb	oly	Subcomponents	ic Certification Limits:	$S_{DS} =$	2.5 g z/l	h = 0.0 (in)	Weight	1.5 Notes	UUT
Assemb (Compone	oly ents)	Subcomponents	D,Model Number 8,	S <sub>DS</sub> =	2.5 g z/l Pimension Width	n = 0.0 (in) Height	Weight (lbs.)		
Assemb (Compone Elevating 1	oly ents) Fable	Subcomponents Table <sup>1</sup>	GCTBL-C2	<b>S</b> <sub>DS</sub> = <b>D</b> <b>Depth</b> 36.7	2.5 g z/l vimension Width 94,5	<b>i = 0.0</b> (in) Height 19.7 - 33.5	Weight (lbs.) 705		1
Assemb (Compone	oly ents) Table pinets	Subcomponents Table <sup>1</sup> System Cabinet <sup>3</sup>	GCTBL-C2 5397035	<b>S</b> <sub>DS</sub> = <b>D</b> <b>Depth</b> 36.7 23.8	2.5 g z/l imension Width 94,5 28.0	<b>i = 0.0</b> (in) Height 19.7 - 33.5 55.3	Weight (lbs.) 705 705		1 2
Assemb (Compone Elevating T System Cal	oly ents) Table pinets	Subcomponents Table <sup>1</sup>	Model Number         S           GCTBL-C2         5397035           5370540-20         5370540-20	<b>S</b> <sub>DS</sub> = <b>D</b> <b>Depth</b> 36.7 23.8 20.0	2.5 g z/l imension Width 94,5 28.0 7.0	<b>in = 0.0</b> (in) <b>Height</b> 19.7 - 33.5 55.3 17.8	Weight (lbs.) 705 705 37		1 2 12
Assemb (Compone Elevating 1	oly ents) Table pinets	Subcomponents Table <sup>1</sup> System Cabinet <sup>3</sup> HP Z420 NM Host <sup>4</sup>	GCTBL-C2 5397035	<b>S</b> <sub>DS</sub> = <b>D</b> <b>Depth</b> 36.7 23.8	2.5 g z/l imension Width 94,5 28.0	<b>i = 0.0</b> (in) Height 19.7 - 33.5 55.3	Weight (lbs.) 705 705		1 2
Assemb (Compone Elevating T System Cal	oly ents) Table pinets	Subcomponents Table <sup>1</sup> System Cabinet <sup>3</sup>	Model Number         S           GCTBL-C2         5397035           5370540-20         5370540-20	<b>S</b> <sub>DS</sub> = <b>D</b> <b>Depth</b> 36.7 23.8 20.0	2.5 g z/l imension Width 94,5 28.0 7.0	<b>in = 0.0</b> (in) <b>Height</b> 19.7 - 33.5 55.3 17.8	Weight (lbs.) 705 705 37		1 2 12
Assemt (Compone Elevating T System Cal Workstat	bly ents) Table Dinets	Subcomponents Table <sup>1</sup> System Cabinet <sup>3</sup> HP Z420 NM Host <sup>4</sup>	Model Number         GCTBL-C2           5397035         5370540-20           5840000-3         5840000-3	<i>S</i> <sub>DS</sub> = Depth 36.7 23.8 20.0 20.0	2.5 g z/l imension Width 94,5 28.0 7.0 7.0	<b>i = 0.0</b> (in) <b>Height</b> 19.7 - 33.5 55.3 17.8 17.8	Weight (lbs.) 705 705 37 37		1 2 12 Interp.
Assemb (Compone Elevating T System Cal	ply ents) Table pinets tion H	Subcomponents Table <sup>1</sup> System Cabinet <sup>3</sup> HP Z420 NM Host <sup>4</sup> IP Z420 Workstation	Model Number         A           GCTBL-C2         5397035           5370540-20         5840000-3           5840000-4         1	<i>S</i> <sub>DS</sub> = D Depth 36.7 23.8 20.0 20.0 20.0	2.5 g z/l imension Width 94,5 28.0 7.0 7.0 7.0 7.0	<b>Height</b> 19.7 - 33.5 55.3 17.8 17.8 17.8 17.8	Weight           (lbs.)           705           705           37           37           37           37           37		1 2 12 Interp Interp

**1.** Patient Table weight does not include the 706 lb. simulated patient load present during testing.

**2.** "X" is a number which may vary from a value of "1" to "99" and indicates firmware differences.

**3.** Unit is wall/floor mounted which equipment bears on, and may be anchored to, a supporting floor structure.

**4.** Unit is not a component of the radiography systems listed. It is included to establish a basis for other models listed herein.



Manufacturer:	GE Healthcare								TAB	E 2
Model Line:	Optima XR646	/ Discovery XR656 Plus							IAD	
Certified Product C	onstruction Summ	ary:								
Constructed of cark	oon steel, aluminun	n, and plastic components								
			ORCOD	FC						
Certified Options S	ummary:		FUTUTION	- CON	1.					
URP Detector		La	НСА							
Mounting Configur	ation:	S	MMILLAW DIL. Werkharstown		2					
Wall mounted - rigi	d (UNO) or Base mo	ounted - rigid	OSP-04	79	, C					
Note: Installed mountin	g must be of similar cor	ifiguration and equivalent strength	and stiffness to those tested.							
Building Code: CBC	2022	O Seism	ic Certification Limits	ana	2.0g z/l 2.5g z/l		1 <sub>P</sub> =	1.5		
Assem	bly	Cubeennenent		Di	mension (	<mark>in)</mark>	Weight		N 3	
(Compon	ents)	Subcomponents	D Model Number <sup>1</sup> 8,	Depth	Width	Height	(lbs.)		Notes <sup>3</sup>	UUT
Dongle Ass	embly	Dongle	5397317-X	6.1	7.0	3.8	5.5			5
Detector		BIN	5394348	4.7	21.0	14.2	33			
Detector	BIN	URP Detector	5340000-X	17.8	23.0	1.0	10.5	UUT: 534000	0-7	0,11
			ADUT	IG C						
			DUILDI	10						
Notes:	·									·
		a value of "1" to "99" and in	dicates firmware differer	nces <b>2.</b> Equ	uipment be	ears on, an	d may be d	anchored to,	a supporting flo	or structure
3. UUT6 was wall m	ounted - rigid, UUT.	11 was base mounted - rigid								
						TR	U Complia	nce. by Stru	ctural Integrity.	Associates. Inc



Manufacturer: (	GE Healthcar	e						TABL	E /
Model Line:	Optima XR64	6 HD / Discovery XR656 HD (De	efinium 656 HD)						.64
Certified Product Const	ruction Sum	mary:							
Constructed of carbon s	teel, alumin	um, and plastic components							
Certified Options Summ	-		ORCOD	FCO					
		ridge. 134" to 228" Longitudin		- CON	1.				
XR646 HD Systems: 2 or	3 Meter Brid	ge. 156" to 228", 162" to 218",	228", and 12m Longitu	dinal Rails					
Mounting Configuration	1:	L.							
Ceiling mounted - rigid		S	<u> </u>	*********	42	_			
Note: Installed mounting mus	t be of similar c	onfiguration and equivalent strength	and stiffness to those tested.	79	Ę.				
Building Code: CBC 202	2	Seism	ic Certification Limits:	<b>S</b> <sub>DS</sub> =	2.0g z/	<mark>/h = 1.0</mark>	1 <sub>P</sub> =	1.5	
			BY: Timothy Pil		2.5 g z/	~ ~ ~ ~	- p	1.0	
Assembly		Subcomponents	Model Number	Di	mension		Weight	Notes	υυτ
(Components	)		DATE: 01/18	Depth	Width	Height <sup>2</sup>	(lbs.)		
		4 Meter Bridge	DA 5189123		- C				
		Tube Support <sup>3</sup>	5135678-7						
Overhead Tube Susp	ension <sup>1</sup>	X-Ray Tube	46-155400G284	26.3	172.6	36.3 -	1 1/19	UUT: 134" Longitudinal Rails	19
Overhead Tube Susp (4 meter bridge & 513		X-Ray Tube Collimator (AL01C II eL)	46-155400G284 5730663	26.3	172.6	36.3 - 107.1	1,149	UUT: 134" Longitudinal Rails UUT: 1,092 lbs.	19
					172.6		1,149		19
		Collimator (AL01C II eL)	5730663	26.3	172.6		1,149		19
•		Collimator (AL01C II eL) Longitudinal Rails	5730663 46-316480G1 to		172.6		1,149		19
•		Collimator (AL01C II eL) Longitudinal Rails (134" to 228")	5730663 46-316480G1 to 46-316480G24		172.6		1,149		19
•	.5678-7)	Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge	5730663 46-316480G1 to 46-316480G24 5189123	VGCC					
(4 meter bridge & 513	ension <sup>1</sup>	Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge Tube Support <sup>4</sup>	5730663 46-316480G1 to 46-316480G24 5189123 5135678-8		172.6	107.1	1,149		19 Interp.
(4 meter bridge & 513 Overhead Tube Susp	ension <sup>1</sup>	Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge Tube Support <sup>4</sup> X-Ray Tube	5730663 46-316480G1 to 46-316480G24 5189123 5135678-8 46-155400G284	VGCC		107.1 36.3 -			
(4 meter bridge & 513 Overhead Tube Susp	ension <sup>1</sup>	Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge Tube Support <sup>4</sup> X-Ray Tube Collimator (AL01C II eL)	5730663 46-316480G1 to 46-316480G24 5189123 5135678-8 46-155400G284 5730663	VGCC		107.1 36.3 -			



Manufacturer: G	E Healthcar	e							TABL	ГЛ
Model Line: 0	ptima XR64	6 HD / Discovery XR656 HD (De	efinium 656 HD)						IADL	C 4
Certified Product Constru	uction Sum	mary:								
Constructed of carbon ste	eel, aluminı	um, and plastic components								
Certified Options Summa	-		ORCOD	FCO						
•		ridge. 134" to 228" Longitudin		- CON	1.					
XR646 HD Systems: 2 or 3	Meter Brid	ge. 156" to 228", 162" to 218",	228", and 12m Longitu	dinal Rails						
Mounting Configuration:	:	L.								
Ceiling mounted - rigid		S		*****	422	-				
Note: Installed mounting must	be of similar c	onfiguration and equivalent strength	and stiffness to those tested	79						
Building Code: CBC 2022		Saism	nic Certification Limits:	<b>S</b> <sub>DS</sub> =	2.0g z/	<mark>h = 1</mark> .0	1 <sub>P</sub> =	15		
Dunung Coue. CDC 2022		Seish	BY: Timothy Pil	ang <sub>Ds</sub> =	2.5g z/	<mark>h = 0</mark> .0	.,,			
Assembly		Subcomponents	Model Number	Di	mension	(in)	Weight	Not	<b>A</b> 5	υυτ
(Components)		Subcomponents	DATE: 01/18	Depth	Width	Height <sup>2</sup>	(lbs.)			
		4 Meter Bridge	DA 5189123	2027						
		Tube Support <sup>3</sup>	5135678-9		B7 20					
Overhead Tube Suspe	nsion <sup>1</sup>	Tube Support <sup>3</sup> X-Ray Tube	5135678-9 46-155400G284	190 1	2200	41.7 -	1 210	IIIIT: 124" Longitu	dinal Pails	Intorn
Overhead Tube Suspe (4 meter bridge & 5135			<u></u>	180.1	228.0	41.7 - 112.6	1,219	UUT: 134" Longitu	dinal Rails	Interp
•		X-Ray Tube	46-155400G284	180.1	228.0		1,219	UUT: 134" Longitu	dinal Rails	Interp
•		X-Ray Tube Collimator (AL01C II eL)	46-155400G284 5730663	180.1 NG CC	228.0		1,219	UUT: 134" Longitu	dinal Rails	Interp.
•		X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails	46-155400G284 5730663 46-316480G1 to	180.1 IGC	228.0		1,219	UUT: 134" Longitu	dinal Rails	Interp
•		X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails (134" to 228")	46-155400G284 5730663 46-316480G1 to 46-316480G24	180.1	228.0		1,219	UUT: 134" Longitu	dinal Rails	Interp
•	6678-9)	X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge	46-155400G284 5730663 46-316480G1 to 46-316480G24 5189123	NGCC						
(4 meter bridge & 5135	i678-9)	X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge Tube Support <sup>4</sup>	46-155400G284 5730663 46-316480G1 to 46-316480G24 5189123 5135678-10	180.1	228.0	112.6	1,219	UUT: 134" Longitus		Interp 22
(4 meter bridge & 5135 Overhead Tube Suspe	i678-9)	X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge Tube Support <sup>4</sup> X-Ray Tube	46-155400G284 5730663 46-316480G1 to 46-316480G24 5189123 5135678-10 46-155400G284	NGCC		41.7 -				
(4 meter bridge & 5135 Overhead Tube Suspe	i678-9)	X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge Tube Support <sup>4</sup> X-Ray Tube Collimator (AL01C II eL)	46-155400G284 5730663 46-316480G1 to 46-316480G24 5189123 5135678-10 46-155400G284 5730663	NGCC		41.7 -				



Manufacturer: G	E Healthcar	e						TABL	с Л
Model Line: 0	ptima XR64	6 HD / Discovery XR656 H	D (Definium 656 HD)					IADL	С4
Certified Product Constru	uction Sum	mary:							
Constructed of carbon sto	eel, aluminu	um, and plastic compone	nts						
Certified Options Summa	ary:		OB COD	FC					
XR656 HD Systems: 2, 3, c	or 4 Meter Bi	ridge. 134" to 228" Longi	tudinal Rails	-01					
XR646 HD Systems: 2 or 3	8 Meter Brid	ge. 156" to 228", 162" to 2	218", 228", and 12m Longitu	dinal Rails	10,				
Mounting Configuration:	:								
Ceiling mounted - rigid						-			
0 0	be of similar co	onfiguration and equivalent st	rength and stiffness to those tested	79	7	2			
		4			2.0g z/	/h = 1.0			
Building Code: CBC 2022			Seismic Certification Limits:		2.5 g z/		1 <sub>P</sub> =	1.5	
Assembly		0			mension		Weight		
(Components)		Subcomponents	Model Number	Depth	Width	Height <sup>2</sup>	(lbs.)	Notes	UUT
		4 Meter Bridge	DA 5189123	2024					
		Tube Support⁵	5135678-11	<i>ARRAR</i>					
Overhead Tube Suspe	nsion <sup>1</sup>	X-Ray Tube	46-155400G284	1001		41.7 -	1 210		
(4 meter bridge & 5135)		Collimator (AL01C II e	L) 5730663	180.1	228.0	112.6	1,219	UUT: 134" Longitudinal Rails	Same
		Longitudinal Rails	46-316480G1 to						
		(134" to 228")	46-316480G24	NG					
		3 Meter Bridge	5127305						
		Tube Support <sup>3</sup>	5135678-7						
Overhead Tube Suspe	nsion <sup>1</sup>	X-Ray Tube	46-155400G284	26.0	120.0	36.3 -	1 020		Intorn
(3 meter bridge & 5135	678-7)	Collimator (AL01C II e	L) 5730663	26.0	120.0	107.1	1,029		Interp
		Longitudinal Rails	46-316480G1 to						
		(134" to 228")	46-316480G24						
Notes:									
1. Component of the XR65	56 HD system	n only <b>2.</b> Range of outer l	height from top of longitudind	al rail to foc	al point (x	k-ray tube c	enter) <b>3.</b>	US made <b>4.</b> China made	
•		•		assurance i	methods u	ısed in man	ufacturing	g for products in the US, Mexico	and China
are identical. Manufactur	ing process o	at all locations are ISO 13	485 certified.						

#### 2200668-CR-001-R4



Manufacturer: G	E Healthca	e						TABI	
Model Line: C	ptima XR64	6 HD / Discovery XR656 HD (De	finium 656 HD)					IAD	LC 4
Certified Product Constr	uction Sum	mary:							
Constructed of carbon st	eel, alumin	um, and plastic components							
Certified Options Summ	ary:		OB COD	Fa					
XR656 HD Systems: 2, 3,	or 4 Meter B	ridge. 134" to 228" Longitudina	al Rails	- 01					
XR646 HD Systems: 2 or 3	3 Meter Brid	ge. 156" to 228", 162" to 218",	228", and 12m Longitud	dinal Rails					
Mounting Configuration	:	L.S.							
Ceiling mounted - rigid				<u>,                                    </u>	XXX Y				
• •	be of similar o	configuration and equivalent strength a	and stiffness to those tested	79	1				
					2.0g z	h = 1.0			
Building Code: CBC 2022		Seismi	ic Certification Limits:		2.5 g z/		$I_{P} = 1.5$	5	
Assembly					mension		Weight		
(Components)		Subcomponents	Model Number	Depth	Width	Height <sup>2</sup>	(lbs.)	Notes	UUT
		3 Meter Bridge	DA 5127305	2024		Y/			
		Tube Support <sup>4</sup>	5135678-8		E C	SY/			
Overhead Tube Suspe	ension <sup>1</sup>	X-Ray Tube	46-155400G284	20.0	120.0	36.3 -	1.020		latora
(3 meter bridge & 513	5678-8)	Collimator (AL01C II eL)	5730663	26.0	120.0	107.1	1,029		Interp.
		Longitudinal Rails	46-316480G1 to						
		(134" to 228")	46-316480G24	JG					
		3 Meter Bridge	5127305						
		Tube Support <sup>3</sup>	5135678-9						
Overhead Tube Suspe	ension <sup>1</sup>	X-Ray Tube	46-155400G284	127.6	228.0	41.7 -	1.000		Intern
(3 meter bridge & 513	5678-9)	Collimator (AL01C II eL)	5730663	127.0	220.0	112.6	1,069		Interp.
		Longitudinal Rails	46-316480G1 to						
		(134" to 228")	46-316480G24						

#### 2200668-CR-001-R4



Manufacturer: G	E Healthcar	e							LE 4
Model Line: 0	ptima XR640	6 HD / Discovery XR656 H	D (Definium 656 HD)						LC 4
Certified Product Constr	uction Sumi	mary:							
Constructed of carbon st	eel, aluminu	ım, and plastic compone	nts						
<b>Certified Options Summ</b> XR656 HD Systems: 2, 3, 0 XR646 HD Systems: 2 or 3	or 4 Meter Bi	0 0	udinal Rails 18", 228", and 12m Longitud	linal Rails	10,				
<i>Mounting Configuration</i> Ceiling mounted - rigid Note: Installed mounting must		onfiguration and equivalent str	ength and stiffness to those tested.	79	E.				
Building Code: CBC 2022		s	eismic Certification Limits:		2.0g z/ <mark>2.</mark> 5g z/		l <sub>P</sub> = 1.5		
Assembly		Subcomponents	Model Number	Model Number Di		Dimensio <mark>n (in)</mark>		Notes	UUT
(Components)		Subcomponents	DATE 01/18'	Depth	Width	Height <sup>2</sup>	(lbs.)	Notes	001
		3 Meter Bridge	5127305	2024		M			
		Tube Support <sup>4</sup>	5135678-10				1.000		
Overhead Tube Suspe	ension <sup>1</sup>	X-Ray Tube	46-155400G284	127.0	220.0	41.7 -			Intern
(3 meter bridge & 5135	678-10)	Collimator (AL01C II el	.) 5730663	127.6	228.0	112.6	1,069		Interp
		Longitudinal Rails	46-316480G1 to						
		(134" to 228")	46-316480G24	JGY					
		3 Meter Bridge	5127305						
		Tube Support <sup>5</sup>	5135678-11						
Overhead Tube Suspe	ension <sup>1</sup>	X-Ray Tube	46-155400G284	107.0	220.0	41.7 -	1.000		
(3 meter bridge & 5135		Collimator (AL01C II el	.) 5730663	127.6	228.0	112.6	1,069		Same <sup>6</sup>
(eetc) and be a side of the		Longitudinal Rails (134" to 228")	46-316480G1 to 46-316480G24						
Notes:							1 1		1
<b>1.</b> Component of the XR65	56 HD system	only <b>2.</b> Range of outer h	eight from top of longitudina	l rail to foc	al point (x	k-ray tube c	enter) <b>3.</b> US ma	de <b>4.</b> China made	
•	-		, quality control and quality a		•	-			kico and China

#### 2200668-CR-001-R4



M <b>anufacturer:</b> G	E Healthca	re						TABLE 4	
Model Line: O	ptima XR64	6 HD / Discovery XR656 HD (De	efinium 656 HD)					IAD	LC 4
Certified Product Constr	uction Sum	mary:							
Constructed of carbon st	eel, alumin	um, and plastic components							
Certified Options Summ	ary:		OR COD	Fa					
(R656 HD Systems: 2, 3, o	or 4 Meter B	ridge. 134" to 228" Longituding	al Rails	- COA					
		ge. 156" to 228", 162" to 218",		dinal Rails	10,				
Mounting Configuration	:	L.S.							
Ceiling mounted - rigid						2			
0 0	he of similar (	configuration and equivalent strength	and stiffness to those tested	79					
vote. Installed mounting must	be of sininar of		and stimless to those tested.		2.0g z	h = 1.0			
Building Code: CBC 2022		Seism (Seism	ic Certification Limits:				$I_{P} = 1.5$		
Assembly			BY: Timothy Pila	$\frac{S_{DS}}{Dimension (in)} = 2.5 g z/h = 0.0$		Weight			
(Components)		Subcompone <mark>nts</mark>	Model Number	Depth	Width			Notes	UUT
(,		2 Meter Bridge	DAT 5143542	2024			(		
	_	Tube Support <sup>3</sup>	5135678-7	122222		SY/			
Overhead Tube Suspe	nsion <sup>1</sup>	X-Ray Tube	46-155400G284	HAAA	$\searrow \land$	36.3 -			
(2 meter bridge & 5135		Collimator (AL01C II eL)	5730663	26.0	82.6	107.1	927		Interp
, U	, _	Longitudinal Rails	46-316480G1 to						
		(134" to 228")	46-316480G24	NGC					
		2 Meter Bridge	5143542	-					
		Tube Support <sup>4</sup>	5135678-8						
Overhead Tube Suspe	ension <sup>1</sup>	X-Ray Tube	46-155400G284	26.0	02.6	36.3 -	007		
(2 meter bridge & 5135		Collimator (AL01C II eL)	5730663	26.0	82.6	107.1	927		Interp
12 meter bridge & J133		Longitudinal Rails	46-316480G1 to						
		(134" to 228")	46-316480G24						
		( /							

#### 2200668-CR-001-R4



Model Line: Optir	na VDC4C LID / Discovery VDCEC LIC							
	na XR646 HD / Discovery XR656 HI	) (Definium 656 HD)					IAD	LE 4
Certified Product Constructi	on Summary:							
Constructed of carbon steel,	aluminum, and plastic componer	its						
Certified Options Summary:		OR CODI	FC					
KR656 HD Systems: 2, 3, or 4	Meter Bridge. 134" to 228" Longitu	udinal Rails	- 01					
KR646 HD Systems: 2 or 3 Me	ter Bridge. 156" to 228", 162" to 2	18", 228", and 12m Longitud	linal Rails	10,				
Mounting Configuration:								
Ceiling mounted - rigid				XX Y				
• •	f similar configuration and equivalent stre	ength and stiffness to those tested.	79	) (	2			
				2.0g z	h = 1.0	_		
Building Code: CBC 2022	Se	eismic Certification Limits:		2.5 g z/		$I_{P} = 1.5$		
Assembly				mension		Weight		
(Components)	Subcomponents	Model Number	Depth	Width	Height <sup>2</sup>	(lbs.)	Notes	UUT
	2 Meter Bridge	5143542	2024		V/			
	Tube Support <sup>3</sup>	5135678-9						
Overhead Tube Suspension	on <sup>1</sup> X-Ray Tube	46-155400G284	90.6	228.0	41.7 -	1 022		Intorn
(2 meter bridge & 5135678	8-9) Collimator (AL01C II eL	5730663	90.6	228.0	112.6	1,022		Interp.
	Longitudinal Rails	46-316480G1 to						
	(134" to 228")	46-316480G24	100					
	2 Meter Bridge	5143542						
	Tube Support <sup>4</sup>	5135678-10						
Overhead Tube Suspension	on <sup>1</sup> X-Ray Tube	46-155400G284	90.6	228.0	41.7 -	1,022		Interp.
(2 meter bridge & 5135678	-10) Collimator (AL01C II eL	) 5730663	90.0	220.0	112.6	1,022		interp.
	Longitudinal Rails	46-316480G1 to	1					
	(134" to 228")	46-316480G24						
lotes:								

#### 2200668-CR-001-R4



Manufacturer: GE	E Healthcare							ТЛО	LE 4
Model Line: Op	otima XR646	HD / Discovery XR656 HD (D	efinium 656 HD)					IAD	LC 4
Certified Product Constru	ction Summ	ary:							
Constructed of carbon ste	el, aluminun	n, and plastic components							
Certified Options Summa	ry:		OR COD	FC					
XR656 HD Systems: 2, 3, o	r 4 Meter Brid	dge. 134" to 228" Longitudi	nal Rails	- COA					
XR646 HD Systems: 2 or 3	Meter Bridge	e. 156" to 228", 162" to 218"	, 228", and 12m Longitu	dinal Rails	10,				
Mounting Configuration:									
Ceiling mounted - rigid		S.			2				
	be of similar con	figuration and equivalent strengt	h and stiffness to those tested.	79	T C	2			
					2.0g z/	h = 1.0			
Building Code: CBC 2022		Seisi	nic Certification Limits:		2.5 g z/		$I_{P} = 1.5$		
Assembly				und	Dimension (in)		Weight	N	
(Components)		Subcomponents	Model Number	Depth	Width	Height <sup>2</sup>	(lbs.)	Notes	UUT
		2 Meter Bridge	5143542	2024		Y/			
		Tube Support⁵	5135678-11		2	41.7 -			
Overhead Tube Susper	sion <sup>1</sup>	X-Ray Tube	46-155400G284	00.0		41.7 -	1 000		
Overhead Tube Susper (2 meter bridge & 51356			46-155400G284 5730663	90.6	228.0	41.7 - 112.6	1,022		Same
•		X-Ray Tube		90.6	228.0		1,022		Same
•		X-Ray Tube Collimator (AL01C II eL)	5730663	90.6	228.0		1,022		Same
•		X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails	5730663 46-316480G1 to	90.6	228.0		1,022		Same
(2 meter bridge & 51356	.78-11)	X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails (134" to 228")	5730663 46-316480G1 to 46-316480G24	NGCC					
•	.78-11)	X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge	5730663 46-316480G1 to 46-316480G24 5189123	90.6 90.6 26.3	228.0 172.6	112.6	1,022		Same 10
(2 meter bridge & 51356 Overhead Tube Suspen	.78-11)	X-Ray Tube Collimator (AL01C II eL) Longitudinal Rails (134" to 228") 4 Meter Bridge Tube Support	5730663 46-316480G1 to 46-316480G24 5189123 5135678-3	NGCC		112.6 32.0 -			

5. Mexico made 6. Design, construction, materials and grades, quality control and quality assurance methods used in manufacturing for products in the US, Mexico and China are identical. Manufacturing process at all locations are ISO 13485 certified.

7. Unit is not a component of the systems identified in this table. It is included here to establish a basis for other models

#### 2200668-CR-001-R4



Manufacturer: G	E Healthca	re						ТАВ	
Model Line: 0	ptima XR64	6 HD / Discovery XR656 HD (D	efinium 656 HD)					IAD	LC 4
Certified Product Constr	uction Sum	mary:							
Constructed of carbon st	eel, alumin	um, and plastic components							
Certified Options Summ	-		ORCOD	ECO					
•		ridge. 134" to 228" Longitudi			1.				
XR646 HD Systems: 2 or 3	3 Meter Brid	ge. 156" to 228", 162" to 218"	, 228", and 12m Longitu	dinal Rails					
Mounting Configuration	:	L.							
Ceiling mounted - rigid		'Z			422				
Note: Installed mounting must	be of similar o	configuration and equivalent strengt	h and stiffness to those tested	.79		2			
				<b>S</b> <sub>DS</sub> =	2.0g z/	<mark>h = 1.0</mark>			
Building Code: CBC 2022		Seisi	nic Certification Limits:		2.5g z/		$I_{P} = 1.5$		
Assembly	v .				Dimension (in)		Weight	Neter	
(Components)		Subcomponents	Model Number	Depth	Width	Height <sup>2</sup>	(lbs.)	Notes	τυυ
		3 Meter Bridge	DA 5693325	12024		V/			
Overhead Tube Suspe	ension <sup>7</sup>	Tube Support	5139720		120.5	35.5 - 106.3	0.05		
(3 meter bridge)		X-Ray Tube	46-155400G284	- 25.8			885		8
_		Collimator (AL01C II)	5234954		NY.				
		2 Meter Bridge	5143542	1.CC					
Overhead Tube Suspe	ension <sup>7</sup>	Tube Support	5135678-3 DI	NG		32.0 -			
(2 meter bridge)		X-Ray Tube	46-155400G284	25.8	83.9	102.6	880		9
		Collimator (AL01C II)	5234954						
Notes:				1	1	1	I		
	56 HD syster	n only <b>2.</b> Range of outer heig	ht from top of longituding	al rail to foo	al point (x	ray tube c	enter) <b>3.</b> US ma	de <b>4.</b> China made	
	2	tion, materials and grades, qu	, ,		•		•		ico and Chind
•		at all locations are ISO 13485	• • • •			-	5 - 1	, -	

7. Unit is not a component of the systems identified in this table. It is included here to establish a basis for other models

#### 2200668-CR-001-R4



<b>Manufacturer:</b> G	E Healthcare						ТАВ	
Model Line: O	ptima XR646 HD / Discovery XR656 HD (	Definium 656 HD)					IAD	LC 4
Certified Product Constr	uction Summary:							
Constructed of carbon st	eel, aluminum, and plastic components							
Certified Options Summ	ary:	ORCOD	FC					
XR656 HD Systems: 2, 3, 0	or 4 Meter Bridge. 134" to 228" Longitud	inal Rails	- CON	~				
XR646 HD Systems: 2 or 3	Meter Bridge. 156" to 228", 162" to 218	", 228", and 12m Longitue	dinal Rails					
Mounting Configuration								
Ceiling mounted - rigid	2		*****	422				
Note: Installed mounting must	be of similar configuration and equivalent streng	th and stiffness to those tested.	79		2			
Building Code: CBC 2022	Seis	mic Certification Limits:	<b>S</b> <sub>DS</sub> =	2.0g z/	<mark>h = 1</mark> .0	$I_{P} = 1.5$		
bununig code. CDC 2022	Sens	BY: Timothy Pil	ans =	2.5 g z/	h = 0.0	., 1.5		
Assembly	Subcomponents	Model Number	Di	mension	(in)	Weight	Notes	UUT
(Components)	Subcomponents		Depth	Width	Height <sup>2</sup>	(lbs.)	Notes	
	2 Meter Bridge	5693326	2024		y/			
	Tube Support	5139720		B7 (?				
	X-Ray Tube	46-155400G284	HHHH	$Y_{L}$				
	Collimator (AL01C II eL)	5730663	N N N N N	,OV				
Overhead Tube Suspe	nsion <sup>8</sup> Longitudinal Rails	A 5240010	165	470.0	35.5 -	0.27		luteur
(2 meter bridge	(156" to 228")	5340818LDI	25.8	472.0	106.3	937		Interp.
	Longitudinal Rails	46-316480G8 to						
	(162" to 218")	46-316480G22						
	Longitudinal Rails (228")	46-316480G24						
	Longitudinal Rails (12m)	5492991	1					

#### 1. Component of the XR656 HD system only 2. Range of outer height from top of longitudinal rail to focal point (x-ray tube center) 3. US made 4. China made

5. Mexico made 6. Design, construction, materials and grades, quality control and quality assurance methods used in manufacturing for products in the US, Mexico and China are identical. Manufacturing process at all locations are ISO 13485 certified. 7. Unit is not a component of the systems identified in this table. It is included here to establish a basis for other models 8. Component of the X646 HD system only

#### 2200668-CR-001-R4



Manufacturer: G	E Healthcare							ТЛО	LE 4
Model Line: C	ptima XR646 HD / Discovery X	(R656 HD (De	finium 656 HD)					IAD	LC 4
Certified Product Constr	uction Summary:								
Constructed of carbon st	eel, aluminum, and plastic co	mponents							
Certified Options Summ	ary:		OR COD	FC					
XR656 HD Systems: 2, 3,	or 4 Meter Bridge. 134" to 228	" Longitudina	al Rails	LON					
XR646 HD Systems: 2 or 3	Meter Bridge. 156" to 228", 1	.62" to 218",	228", and 12m Longitu	dinal Rails	10,				
Mounting Configuration		4							
Ceiling mounted - rigid		S			2				
Note: Installed mounting must	be of similar configuration and equi	valent strength	and stiffness to those tested	79	<u> </u>	2			
Building Code: CBC 2022		Seismi	ic Certification Limits:		2.0g z/ 2.5g z/		I <sub>P</sub> = 1.5		
Assembly	Cubarman				mension	-	Weight	Nataa	
(Components)	Subcompor	nents	Model Number	Depth	Width	Height <sup>2</sup>	(lbs.)	Notes	UUT
	3 Meter Bri	dge 🚽 🔛	DAI 5693325	2024		Y			
	Tube Supp	port	5139720		B 0				
	X-Ray Tu	be	46-155400G284	HHHH					
	Collimator (ALC	)1C II eL)	5730663		OV.				
Overhead Tube Suspe (3 meter bridge	-		5340818LDI	26.0	472.0	35.5 - 106.3	954		Interp.
	Longitudina	l Rails	46-316480G8 to						
	(162" to 21	18")	46-316480G22						
	Longitudinal Ra	nils (228")	46-316480G24						
	Longitudinal Ra	ile (12m)	5492991	1					

1. Component of the XR656 HD system only 2. Range of outer height from top of longitudinal rail to focal point (x-ray tube center) 3. US made 4. China made

5. Mexico made 6. Design, construction, materials and grades, quality control and quality assurance methods used in manufacturing for products in the US, Mexico and China are identical. Manufacturing process at all locations are ISO 13485 certified. 7. Unit is not a component of the systems identified in this table. It is included here to establish a basis for other models 8. Component of the X646 HD system only

#### 2200668-CR-001-R4



Manufacturer:	GE Healthca	TABLE 5								
Model Line:	Optima XR6	46 HD / Discovery XR656 HD (De	efinium 656 HD)					IAD	LEJ	
Certified Product C	onstruction Sun	nmary:								
Constructed of carb	oon steel, alumir	num, and plastic components								
			ORCOD	FC						
Certified Options S	ummary:		FUTUTIVWWWW							
Radiographic Table	es & Wallstands:	14x17 or 17x17 FlashPad	НСА							
Mounting Configur	ation:	S		*****	XXZ					
Base mounted - rigi	id	4	OSP-04	79	T C	2				
Iote: Installed mounting	g must be of similar	configuration and equivalent strength	and stiffness to those tested.							
Building Code: CBC	2022	Saism	ic Certification Limits:	an <b>s</b> ps=	2.0g z/	h = 1.0	1 - 15			
		Jeisin	ic-certification Limits:	011101		<mark>h = 0</mark> .0	$I_{P} = 1.5$			
Asseml				\$ <sub>DS</sub> =	2.5 g z/		Weight	Notos		
Asseml (Compon	bly	Subcomponents	D,Model Number 8,	\$ <sub>DS</sub> =	2.5g z/			Notes	υυτ	
	bly			$S_{DS} =$	2.5 g z/ imension	(in)	Weight	Notes	<b>UUT</b> 13	
	bly		D Model Number 8	S <sub>DS</sub> =	2.5 g z/ imension Width	(in) Height	Weight (lbs.)	Notes		
	bly ents)	Subcomponents	GCTBL-C3	<b>S</b> <sub>DS</sub> = <b>D</b> <b>Depth</b> 36.0	2.5 g z/ imension Width 95,0	(in) Height 20.0 - 33.5	Weight (lbs.) 838 <sup>1</sup>	Notes	13 Interp.	
(Compon	bly ents)	Subcomponents	GCTBL-C3 GCTBL-C3	S <sub>DS</sub> = Depth 36.0 36.0	2.5 g z/ imension Width 95.0 95.0	(in) Height 20.0 - 33.5 20.0 - 33.5	Weight (lbs.)           838 <sup>1</sup> 838 <sup>1</sup>	Notes	13 Interp.	
(Compon	bly ents)	Subcomponents Table	GCTBL-C3 GCTBL-C3 GCTBL-C33 GCTBL-C5	<b>S</b> <sub>DS</sub> = <b>Depth</b> 36.0 36.0 33.0	2.5 g z/ imension Width 95.0 95.0 91.7	(in) Height 20.0 - 33.5 20.0 - 33.5 20.7 - 32.5	Weight (lbs.)           838 <sup>1</sup> 838 <sup>1</sup> 727 <sup>2</sup>	Notes	13 Interp. 14a, 14b 23	
(Compon	bly ents)	Subcomponents Table Table (China)	GCTBL-C3 GCTBL-C3 GCTBL-C3 GCTBL-C5 GCTBL-C333	<b>S</b> <sub>DS</sub> = <b>D</b> <b>Depth</b> 36.0 36.0 33.0 36.7	2.5 g z/ imension Width 95,0 95,0 91,7 94,5	(in) Height 20.0 - 33.5 20.0 - 33.5 20.7 - 32.5 19.7 - 33.5	Weight (lbs.)           838 <sup>1</sup> 838 <sup>1</sup> 727 <sup>2</sup> 692 <sup>3</sup>	Notes	13 Interp. 14a, 14b 23 Same <sup>5</sup>	
<b>(Compon</b> Radiograph	bly ents) ic Table	Subcomponents Table Table (China) Table (Mexico)	Model Number 8 GCTBL-C3 GCTBL-C33 GCTBL-C5 GCTBL-C333 GCTBL-C3333	S <sub>DS</sub> = Depth 36.0 33.0 36.7 36.7	2.5 g z/ imension Width 95,0 95,0 91,7 94,5 94,5	(in) Height 20.0 - 33.5 20.0 - 33.5 20.7 - 32.5 19.7 - 33.5 19.7 - 33.5	Weight (lbs.)           838 <sup>1</sup> 838 <sup>1</sup> 692 <sup>3</sup>	Notes	13 Interp. 14a, 14b 23 Same <sup>5</sup>	
(Compon	bly ents) ic Table	Subcomponents Table Table (China) Table (Mexico) Motorized Extended	Model Number 8 GCTBL-C3 GCTBL-C3 GCTBL-C33 GCTBL-C333 GCTBL-C3333 GCTBL-C3333 GCEWS-C3	S <sub>DS</sub> = Depth 36.0 33.0 36.7 36.7 65.7	2.5 g z/ imension 95,0 95,0 91,7 94,5 94,5 27,0	(in) Height 20.0 - 33.5 20.0 - 33.5 20.7 - 32.5 19.7 - 33.5 19.7 - 33.5 103.5	Weight (lbs.)           838 <sup>1</sup> 838 <sup>1</sup> 692 <sup>3</sup> 692 <sup>3</sup> 642	Notes	13 Interp. 14a, 14b 23 Same <sup>5</sup> 20a, 20b	

1. Patient Table weight does not include the 705 lb. simulated patient load present during testing. 2. Patient Table weight does not inlcude the 552 lb. similated patient load present during testing. 3. Patient weight does not include the 706 lb. simulated patient load present during testing. 4. Component of the XR646 systems only.

5. Design, construction, materials and grades, quality control and quality assurance methods used in manufacturing for products in the US, Mexico and China are identical. Manufacturing process at all locations are ISO 13485 certified.

#### 2200668-CR-001-R4



Manufacturer:	GE Healthc	are						Тл	
Model Line:	Optima XR	646 HD / Discovery XR656 HD (De	finium 656 HD)						BLE 5
Certified Product C	onstruction Su	mmary:							
Constructed of carb	on steel, alumi	num, and plastic components							
			OBCOD	FC					
<b>Certified Options S</b>	ummary:		FUTTINI	- CON	-				
Radiographic Table	s & Wallstands:	14x17 or 17x17 FlashPad							
Mounting Configure	ation:	S	IIIIIIMIIIIM Med Miseed (max)	<u>) x X x V V V X X X X</u>	2				
Base mounted - rigi	d	4	OSP-04	.79	2	1			
Note: Installed mounting	g must be of simila	r configuration and equivalent strength	and stiffness to those tested	l.					
Building Code: CBC	2022	O Seismi	ic Certification Limits:	lanes <sub>Ds</sub> =	2.0g z/h 2.5g z/h	= 1.0 = 0.0	I <sub>P</sub> =	1.5	
Assemt	oly				imension		Weight		
(Compone	-	Subcomponents	D Model Number 8	Depth	Width	Height	(lbs.)	Notes	UUT
FlashPac	l HD	FlashPad HD 14 x 17 <sup>6</sup>	5771417	15.0	18.0	0.6	7.2		13, 21
(Subcompo	onent)	FlashPad HD 17 x 17	5771717	18.0	18.0	0.6	8.4		14, 20, 2
		System Cabinet <sup>7</sup>	GCC-C3	26.0	33.3	58.0	705	Measured: 679 lbs.	16
System Ca	binets	System Cabinet	GCC-C4	23.6	35.4	36.7	459		24
		System Cabinet (Mexico)	GCC-C44	23.6	35.4	36.7	459	Same as GCC-C4	Same <sup>5</sup>
	8	HP Z440 Workstation	8770000-24	17.5	6.6	17.0	39		15
Workstati	ons	HP Z4G4 Workstation	8780000-W27	9.6	22.6	20.1	23		25
Notes:					•			1	
E Docian construct	ion montovialo	and grades, quality control and qu	ality accurance metho	dawadin	manufactu	in a far ara	ducto in th	LIC Maxian and China	ara idantiaal

6. Seismically certified units shall have the detector retention bracket present during testing installed when used with 14 x 17 detector.

7. Unit is wall/floor mounted which equipment bears on, and may be anchored to, a supporting floor structure. 8. Monitor is not included, the monitor is portable

#### 2200668-CR-001-R4



Manufacturer:	GE Healthcar	e							BLE 6
Model Line:	Optima XR64	6 HD / Discovery XR656 HD (De	efinium 656 HD)					IAC	
Certified Product Co	onstruction Sum	mary:							
Constructed of carb	on steel, aluminu	um, and plastic components							
			ORCOD	FC					
Certified Options Su	ımmary:		O FORMULA INVITATION	- CON	1.				
			НСА						
Mounting Configure	ation:	S			X Z				
Wall mounted - rigic		4	OSP-04	79		2			
•		onfiguration and equivalent strength	and stiffness to those tested.						
Building Code: CBC	2022	Seism	ic Certification Limits:	an <b>§</b> <sub>DS</sub> = <b>S</b> <sub>DS</sub> =	2.0g z/ 2.5g z/	h = 1.0 h = 0.0	1 <sub>P</sub> = 1.5	5	
Assemb	ly	Subcomponento			mension		Weight	Notes	
(Compone	ents)	Subcomponents	D Model Number 8	Depth	Width	Height	(lb)		UUT
AP Assem	nbly	AP	5720157	7.1	7.1	3.0	1.3		17
(7.1"x7.1	1")	Mounting Bracket	5778430			3.0	1.5		11
AP Assem	nbly	AP	5845913	5.5	5.5	0.8	1.3		26
(5.5"x5.	5")	Mounting Bracket	5855356	IG C	0.5	0.0	1.5		20
Tether Interface	Box (TIB)		5765910_DI	5.7	10.0	12.2	13.4		18
			5876669	5.7	10.0	12.2	15		27

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com

# SPECIAL SEISMIC CERTIFICATION SEISMIC PARAMETERS



## 2200668-CR-001-R4

	lealthcare ma XR646/Discovery XR	656 Plus/Optima XR646 HD/E	Discovery XR656 HD (Defi	nium 656 HD)	TABLE 7
Component	F <sub>p/</sub> W <sub>p</sub>	S <sub>DS</sub>	z/h	a <sub>p</sub>	R <sub>p</sub>
Overhead Tube	3.60	2.0	1	2.5	2.5
Supports	1.50	2.5	0	2.5	2.5
Patient Tables	2.40 1.13	2.0 2.5	1 0	1.0	1.5
Wallstands	2.40	2.0	1	1.0	1.5
	1.13	2.5	0		
System Cabinets	1.44 1.13	2.0 COL	E CO9	1	2.5
Workstations	1.50 1.13	2.0 2.5		2.5	6.0
Dongle Assembly	1.50 1.13	2.0 2.5OSP-0	1 479 0	2.5	6.0
Detector BIN	2.40 1.13	2.0 BV: <sup>2,5</sup> mothy B		1.0	1.5
	ALL	ORNIA BUILD	BIZUZ4		

Page 23 of 55

# **TRU** COMPLIANCE

#### 2200668-CR-001-R4

Manufo	GE Healthcare							
Model	L <b>ine:</b> Optima XR646 / I	Discovery XR656 Plus	Optima XR646 HD /	/ Discove	ry XR656 HD (D	efinium 6	56 HD)	
UUT	Unit Description (Mounting)	Report Number (UUT #)	Testing Lab	Year Tested	ISO 17025 Accredited?	S <sub>DS</sub>	z/h	I <sub>P</sub>
1	Elevating Table (GCTBL-C2) (Base mounted - rigid)	SQ12-1609-01 XR646/XR656 Plus (UUT1)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
2	System Cabinet (5397035) (Wall/Base mounted-rigid)	SQ12-1609-01 XR646/XR656 Plus (UUT2)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
3	Wall Stand (GCWS-C1) (Base mounted - rigid)	SQ12-1609-01 XR646/XR656 Plus (UUT3)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
4	Extended Wall Stand (GCEWS-C1) (Base mounted - rigid)	SQ12-1609-01 XR646/XR656 Plus (UUT4)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
5	Dongle Assembly (5397317-X) (Wall mounted - rigid)	SQ12-1609-01 XR646/XR656 Plus (UUT5)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
6	Detector BIN (5394348) (Wall mounted - rigid)	SQ12-1609-01 XR646/XR656 Plus (UUT6)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
7	Overhead Tube Support (XR646 system - 2 meter bridge) (Ceiling mounted - rigid)	SQ12-1609-01 XR646 (UUT7)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
8	Overhead Tube Support (XR646 system - 3 meter bridge) (Ceiling mounted - rigid)	SQ12-1609-01 XR646 (UUT8)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
9	Overhead Tube Support (XR656 system - 2 meter bridge) (Ceiling mounted - rigid)	SQ12-1609-01 XR656 Plus (UUT9)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
10	Overhead Tube Support (XR656 system - 4 meter bridge) (Ceiling mounted - rigid)	SQ12-1609-01 XR656 Plus (UUT10)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
11	Detector BIN (5394348) (Base mounted - rigid)	SQ12-1609-01 XR646/XR656 Plus (UUT11)	Environmental Tesing Lab (ETL)	2016	Yes	2.0 2.5	1.0 0.0	1.5
Notes:	·							



Manufo	GE Healthcare							
Model	L <b>ine:</b> Optima XR646 /	Discovery XR656 Plus /	Optima XR646 HD /	<sup>/</sup> Discove	ry XR656 HD (D	efinium 6	656 HD)	
υυτ	Unit Description (Mounting)	Report Number (UUT #)	Testing Lab	Year Tested	ISO 17025 Accredited?	<b>S</b> <sub>DS</sub>	z/h	I <sub>P</sub>
12	HP Z420 NM Host (5370540-20) (Base mounted - rigid)	SQ12143501 XR646/XR656 Plus (UUT1)	Environmental Tesing Lab (ETL)	2014	Yes	2.0 2.5	1.0 0.0	1.5
13	Radiographic Table (GCTBL-C3) w/ FlashPad HD 14x17 (Base mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT1)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
14a	Radiographic Table (GCTBL-C5) w/ FlashPad HD 17x17 with Detector Tray (Base mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT2)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
14b	Radiographic Table (GCTBL-C5) w/ FlashPad HD 17x17 W/O Detector Tray (Base mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT2A)	P-0479 Environmental LiTesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
15	HP Z440 Workstation (8770000-24) (Base mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT3)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
16	System Cabinet (GCC-C3) (Wall/Base mounted-rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT4)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
17	AP Assembly (5720157) w/ Mounting Bracket (Wall mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT5)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
18	Tether Interface Box, TIB (5765910) (Wall mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT6)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
19	Overhead Tube Suspension (4-meter bridge w/ Tube Support 5135678-7) (Ceiling mounted - rigid)	SQ12-1812-01 r2 XR656 HD (UUT7)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
20a	Motorized Extended Wall (GCEWS-C3) w/ FlashPad HD 17x17 withDetector Tray (Base mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT8)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
Notes:					4			



Manufe	GE Healthcare							
Model	Line: Optima XR646 /	Discovery XR656 Plus	/ Optima XR646 HD /	<sup>'</sup> Discove	ry XR656 HD (D	efinium 6	56 HD)	
υυτ	Unit Description (Mounting)	Report Number (UUT #)	Testing Lab	Year Tested	ISO 17025 Accredited?	<b>S</b> <sub>DS</sub>	z/h	I <sub>P</sub>
20b	Motorized Extended Wall (GCEWS-C3) w/ FlashPad HD 17x17 W/O Detector Tray (Base mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT8A)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
21	Manual Extended Wall (GCMWS-C5) w/ FlashPad HD 14x17 (Base mounted - rigid)	SQ12-1812-01 r2 XR646 HD/XR656 HD (UUT9)	Environmental Tesing Lab (ETL)	2018	Yes	2.0 2.5	1.0 0.0	1.5
22	Overhead Tube Suspension (4 meter bridge w/ Tube Support 5135678-10) (Ceiling mounted - rigid)	No. B22X80804 Rev.1 XR656 HD (UUT1)	China Telecommunication Technology (CTTL)	2022	Yes	2.0 2.5	1.0 0.0	1.5
23	Radiographic Table (GCTBL-C333) w/ FlashPad HD 17x17 (Base mounted - rigid)	No. B22X80804 Rev.1 XR656 HD (UUT2)	China Telecommunication Technology (CTTL)	2022	Yes	2.0 2.5	1.0 0.0	1.5
24	System Cabinet (GCC-C4) (Base mounted - rigid)	No. B22X80804 Rev.1 XR656 HD (UUT3)	China Telecommunication Technology (CTTL)	2022	Yes	2.0 2.5	1.0 0.0	1.5
25	HP Z4G4 Workstation (8780000-W27) (Base mounted - rigid)	No. B22X80804 Rev.1 XR656 HD (UUT4)	China Telecommunication Technology (CTTL)	2022	Yes	2.0 2.5	1.0 0.0	1.5
26	AP Assembly (5845913) w/ Mounting Bracket (Wall mounted - rigid)	No. B22X80804 Rev.1 XR656 HD (UUT5)	China Telecommunication Technology (CTTL)	2022	Yes	2.0 2.5	1.0 0.0	1.5
27	Tether Interface Box, TIB (5876669) (Wall mounted - rigid)	No. B22X80804 Rev.1 XR656 HD (UUT6)	China Telecommunication Technology (CTTL)	2022	Yes	2.0 2.5	1.0 0.0	1.5
Notes:			1		I	I		



Manufacturer: G	E Healthcare								
Model Line: C	)ptima XR646 / Disco	very XR656 Plus					L	JUT	1
Model Number: E	levating Table (GCT	BL-C2)							
Serial Number: 1	33632HL0			Test Re	port:	SQ12-16	509-01 (U	UT1)	
		U	UT Properties						
Weight		Dimension (ir	ו)		Lowes	t Natura	Freque	ncy (Hz)	
(lbs.) <sup>1</sup>	Depth	Width	Tested Height <sup>2</sup>	Fron	t-Back	Side	-Side	tical	
1,411	36.7	94.5	31.0	4	4.7	14	4.0	6	5.7
	U	IUT Highest Pass	sed Seismic Run Info	ormatio	n				
Building Code	Test	Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	А <sub>RIG-Н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-F	SAC156-OR	OD2.0	1.0	1.5	3.20	2.40	1.67	0.67
CDC 2022	ICC-E.	5 AC130	2.5	0.0	1.5	5.20	2.40	1.07	0.01
Product Construction	Summary:	LE L	Test Mounting D	etails:		-			
Constructed of carbon	steel, aluminum, an	d plastic							
components	N. S.			42.7	2				
	4	05	SP-0479		2				
Options/Subcompone	nt Summa <mark>ry:</mark>	<b>BY</b> <sup>•</sup> Time	othy Piland						
Description	Part Nu				9	MELL.		6 H.	
URP Detector		LOATE.			ALLE		Canal Internet	The second	
(GE Healthcare)	534000	DATE:	1/18/2024		NE	610			and the second
· · ·					3				and the
			Calaboration of the second sec		1/000	- AND		1	100
				Ser.			3	at .	-
		VIA		)~/	1		0	B	-
		BU	PING		U			12	
					10		11	-	2.3/
				-			11	1	1
			×-7			s &	1.	191	
				2.	-		1	1	Sec. 1
					1	- a 1	1		1000
Test Manuther - Date 1			A A A A A A A A A A A A A A A A A A A	100	1.1.		1000	1000	ment.
Test Mounting Details	:		4						
<sup>1</sup> Weight listed is	the total weight. I	ndividual							
details are as fol	_								
	-								
Table: 705 lbs.									
Patient: 706 lbs.			UUT1 was base mo	ounted -	rigid usir	ng four (4)	1/2" Gra	de 8 holt	s
			torqued to 40 ft-lb		-	-			-
<sup>2</sup> Min Height: 19.			Unit maintained st				•	ctional p	er
Max Height: 33	.5"		manufacturer requ						
			included in testing	<u>per ope</u>	rating co	nditions.			
			TDU	Consuli		Structura			

#### 2200668-CR-001-R4



Manufacturer:	GE Healthcare							
Model Line:	Optima XR646 / Discov	ery XR656 Plus				I	JUT	2
	System Cabinet (53970	-						-
	135366HL3			Test Report:	SQ12-1	509-01 (L	UT2)	
		UU	T Properties		C		,	
Weight		Dimension (in)	-	Low	est Natura	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front-Back		-Side		tical
705	23.8	28.0	55.3	N/A	N	/A	N	I/A
	U	JT Highest Passe	d Seismic Run Inf	ormation				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h I <sub>P</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-ES	AC156-OR	2.5	1.0 0.0		2.40	1.67	0.67
Product Construction	n Summary:	EVITA	Test Mounting D	etails:	•			
Constructed of carbon	steel, aluminum, and	l plastic			1	- Local -	172	-
components	S			12		1 222	The second	
	4	OS	P-0 <b>479</b>	G		1	-	1
				1.1	1	10.		1
Options/Subcompon	ent Summa <mark>ry:</mark>	<b>BY</b> : Timot	hy Piland			PTA	- 20	100
Description	Part Nul	mber						1.1
N/A	N.A		1/18/2024			AL.		
N/A	N.A	DAIE. C						10
				0.		1		
				4.				
		P		D.		1	11.0	
		APU	INGC			1		91
		· DUI				V		
							-	
			F			K.	-	
			- E	A COMPANY OF	and the second	. 18		
								_
			UUT2 was wall/flo	or mounted us	ing one (1) 2	/16" staa	l hrackot	at top
			with four (4) 1/4" s		0	•		•
			metal (Tek) screws		-			
			plate in wall and t	wo (2) M12 bolt	s (P/N 32122	284) to ca	binet.	-
			Also using two (2)					
			secured with three		-		-	-
			steel track backing 5694430) to cabine		na two (2) N	is class &	.ø screws	5 (P/N
			Unit bears on, but		d to, the floo	or structu	re	
			Unit maintained s					er
			manufacturer requ	uirement after s	shake table			
			included in testing	g per operating	conditions.			

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com Page 28 of 55

#### 2200668-CR-001-R4



Manufacturer:	GE Healthcare								
Model Line:	Optima XR646 / Dis	scovery XR656 Plus					l	JUT	3
Model Number:	Wall Stand (GCWS-	-C1)							
Serial Number:	135195HL6			Test Re	port:	SQ12-16	09-01 (U	UT3)	
		UU	T Properties						
Weight		Dimension (in)			Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front	t-Back	Side	-Side	Ver	tical
596	52.9	27.0	103.5	8	.4	4	.7	14	4.4
		UUT Highest Passe	d Seismic Run Inf	ormatio	n			-	
Building Code	e Te	st Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022		C-ES AC156-OR	002.0	1.0	1.5	3.20	2.40	1.67	0.67
			2.5	0.0	1.5	0.20	2.10	1.01	0.01
Product Constructi		NEV.	Test Mounting D	etails:					
Constructed of carbo	on steel, aluminum,	and plastic							
components				-	1 4				
	2	OS OS	P-0479	and (					
			AT DEF						
Options/Subcompo	onent Summa <mark>ry:</mark>	<b>BY</b> : Timot	hy Piland		2 A		_		1
Description	Part	: Number			11	-		_	
URP Detector	5240		1/18/2024						
(GE Healthcare)	3340	DATE. C	1/10/2024	- 7		-	-		
						-	1		
				Kal	4		1		
			SING	D'	3		- 1	3	Sec. 1
		AD	C C		2	-	- de c		
		, BUI	DING			-			1
				1				pm.	-
			- Aller and a second					Lina	1
			- mage			-			
			K				-	-	Fi .
				đ	1				
			25		1	)		2	
			~ . @	2	7	0	. 1		
			7	and .	1 th	-			-
			UUT3 was base m	ounted - I	rigid usir	ng four (4)	5/8" Gra	de 8 bolts	5
			torqued to 60 ft-lb		-				
			Unit maintained s						
			manufacturer requ				est. Cont	ents wer	e
			included in testing	g per opei	rating co	nditions.			

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com Page 29 of 55

#### 2200668-CR-001-R4



Manufacturer: GE He	althcare								
Model Line: Optim	a XR646 / Disco	very XR656 Plus					l	JUT	4
Model Number: Extend	ded Wall Stand	(GCEWS-C1)							
Serial Number: 13558	6HL6			Test Re	port:	SQ12-16	09-01 (U	UT4)	
		U	JT Properties						
Weight		Dimension (in	ı)		Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Fron	t-Back	Side	-Side	Ver	tical
618	65.7	27.0	103.5	8	3.7	3	.3	5	.0
	L	IUT Highest Pass	sed Seismic Run Info	ormatio	n		-	-	
Building Code	Test	Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-F	SAC156-OR	(OD2.0	1.0	1.5	3.20	2.40	1.67	0.67
CDC 2022	ICC-E.	JACIJO	2.5	0.0	1.5	5.20	2.40	1.07	0.07
Product Construction Sum	ımary:	1ED	Test Mounting De	etails:			•	•	
Constructed of carbon steel	, aluminum, an	d plastic							
components	S'		A THE CONTRACTOR	41-	2		-	-	
	41	05	SP-0479		C				1
	X			-	m	-		-	~
Options/Subcomponent S	ummary:	BY: Time	othy Piland		1				
Description	Part Ni				P				-
URP Detector						-			
(GE Healthcare)	534000	0-7DAIE:	01/18/ <b>20</b> 24		NI	1	Y		
(					5/1		1	)	
				N.			6		
				AL.			1		
					R	And -	1-1	-	-
		BI	TINGY	-	Contraction of the local division of the loc	-	178		
			IL DI				1.5	No.	100
				BFN	-				
						100			-
					4				
					-1-				1
								_	
				- And	22352	-			
			2	and the second	1000	-10	N		
			A.	-	-	1			
			-						
			UUT4 was base mo		rigid usir	ng four (4)	5/8" Gra	de 8 bolts	
			torqued to 60 ft-lb						
			Unit maintained st						
			manufacturer requ				est. Cont	ents wer	e
			included in testing	per ope	rating co	onditions.			

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com Page 30 of 55



Manufacturer: GE	Healthcare								
Model Line: Opt	ima XR646 / Disco	very XR656 Plus					I	JUT	5
Model Number: Dor	ngle Assembly (539	97317-X)							-
Serial Number: N/A				Test Re	port:	SQ12-16	09-01 (U	UT5)	
		UU	T Properties						
Weight		Dimension (in	)		Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Fron	t-Back	Side	-Side	Ver	tical
5.5	6.1	7.0	3.8	N	I/A	N	/A	N	/A
	ι L	JUT Highest Pass	ed Seismic Run Inf	formatio	n				
Building Code	Test	Criteria	S <sub>DS</sub> (g)	z/h	Ι <sub>Ρ</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-E	SAC156-OR	002.0	1.0	1.5	3.20	2.40	1.67	0.67
CDC 2022	ICC-L	3 AC130	2.5	0.0	1.5	5.20	2.40	1.07	0.01
Product Construction Su	ummary:	E	Test Mounting D	Details:					
Constructed of carbon ste	eel, aluminum, ar	d plastic							
components	S				2				
	8	OS	P-0479		2				
Options/Subcomponent	Summary:	BY: Timo	thy Piland			-	-		-
Description	Part N	umber				~			
N/A	N/A		1/18/2024		~				
		DAIL.					~		
	í.				2			100.00	
				4.			- 15		
		P		$\nabla$					
		ADI	DINGC	5				-	
		· BU	DINO			A			
									100
			100 C			V			
						1			
			a de reason			1			
			_						
			1						
			-						
			UUT5 was wall me		-	-			or
			Unit maintained s manufacturer req						
			included in testing				.cst. COIII	ients wel	L
				0 PC: 0PC					

#### 2200668-CR-001-R4



Manufacturer:	GE Healthcar	е								
Model Line:	Optima XR64	6 / Disco	ery XR656 Plus/					I	JUT	6
Model Number:	Detector BIN	(5394348	3)							-
Serial Number:	300752382-18	34-04			Test Re	port:	SQ12-16	09-01 (U	UT6)	
			U	JT Properties						
Weight			Dimension (ir	1)		Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	De	pth	Width	Height	Front	t-Back	Side	-Side	Ver	tical
33	4	.7	21.0	14.2	N	I/A	N	/A	N	I/A
		U	UT Highest Pass	ed Seismic Run In	formatio	n				
Building Code		Test C	Criteria	S <sub>DS</sub> (g)	z/h	۱ <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022			AC156-OR	002.0	1.0	1.5	3.20	2.40	1.67	0.67
CDC 2022			JACI JU	2.5	0.0	1.5	5.20	2.40	1.07	0.01
Product Construction			E	Test Mounting	Details:					
Constructed of carbo	n steel, alumi	num, an	d plastic							
components		S				2				
		2	05	SP-0479		2				
Options/Subcompo	nent Summa	y:	BY: Time	thy Piland		OIN				100
Description		Part Nu	mber		P B	63	1	AN		
URP Detector		5340000		01/18/2024	BBBET	0.	-			
(GE Healthcare)		3340000	DATE.							
5/8" wall board (5 lbs	.) Installed in					) )		-	_	
rear slot as storage lo	ad								4	2
			PALLER		$\mathcal{O}^{\vee}$					
			ARI	DIGO						1.00
			. 50	LDANC						
				1						
				UUT6 was wall m		-	-			
				screws and 1-1/4	" o.d. fend	ler wash	er provide	d at bott	om conn	ection
				point. Unit maintained s	structural	integrity	and roma	ained fun	ctional n	or
				manufacturer rec						
				included in testin	-					
		L			0 PC: 0PC					

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com



Manufacturer: GE H	Iealthcare								
Model Line: Opti	ma XR646						Ι ι	JUT	7
Model Number: Over	rhead Tube Suppo	ort (XR646 systen	n - 2 meter bridge)						-
Serial Number: N/A		· ·	-	Test Re	port:	SQ12-16	509-01 (U	UT7)	
		U	UT Properties		-	_			
Weight		Dimension (ii	n)		Lowes	t Natura	l Freque	ncy (Hz)	
(lbs.)	Depth	Width	Tested Height <sup>1</sup>	Fron	t-Back	Side	-Side	Ver	tical
820	25.8	83.5	72.0	Ν	I/A	N	/A	N	I/A
	U	UT Highest Pas	sed Seismic Run Info	ormatio	n				
Building Code	Test	Criteria	S <sub>DS</sub> (g)	z/h	l <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022		SAC156-OR	(OD2:0	1.0	1.5	3.20	2.40	1.67	0.67
CDC 2022	ICC-E.	SACI36	2.5 0	0.0	1.5	5.20	2.40	1.07	0.07
Product Construction Su	mmary:	E	Test Mounting De	etails:					
Constructed of carbon ste	el, aluminum, an	d plastic							
components	Z.		1	42.7	2				
	4	05	SP-0479		2				
				7		P.			
<b>Options/Subcomponent</b>	Summa <mark>ry:</mark>	<b>BY</b> · Time	thy Piland	C manage			4	11	
Description	Part Ni	ımber	in the second				-	4	
Collimator (AL01C II)	Turon F		0111019994		-				-
(GE Healthcare)	Type: 52	234954 IE.	U 1/10/2024			R.	-	No.	
Longitudinal Rails	524001				D'		15		-
(GE Healthcare)	534081			1.	1 million		1	C	1
OTS 2M Bridge	500000	PARTIN		OV/	1	1.1	1		S
(GE Healthcare)	569332	A	MIN AND A CO		-	- 11 /	1		2
Tube Support	512072	. 80	DINC				2	Carl I	
(GE Healthcare)	513972	0	Contraction Fill	2	Contra l	100		1	
X-Ray Tube	40.154		1 3040	e.c		All the second	2.5		th.
(GE Healthcare)	46-1544	100G284			11 22 1	+ 1ª			2
				No.		100			
Test Mounting Details:			1						
			1						
<sup>1</sup> Height from top o	•	il to focal							
point (x-ray tube ce	enter)		UUT7 was ceiling n	nounted	- rigid us	sing 1/2" k	olts and	unistrut	P1010
Min Hoight 25 5"			channel nuts with	springs a	at each e	nd and 20	6" o.c. Ty	pical eacl	h
Min Height: 35.5" Max Height: 106.3'			longitudinal rail (5						
			parallel to rail. The	-					by an
			electromagnetic b			-			
			Unit maintained st						
			manufacturer requ included in testing				test. Con	tents wer	e
					-	Structura		+	atao lu



Manufacturer: GE He	althcare								
Model Line: Optin	na XR646						Ι ι	JUT	8
Model Number: Overh	nead Tube Supp	ort (XR646 system	- 3 meter bridge)						-
Serial Number: N/A				Test Re	port:	SQ12-16	509-01 (U	UT8)	
		UU	IT Properties						
Weight		Dimension (in	)		Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Tested Height <sup>1</sup>	Fron	t-Back	Side	-Side	Ver	tical
885	25.8	120.5	72.0	N	I/A	N	/A	N	/A
	L	JUT Highest Pass	ed Seismic Run Info	ormatio	n				
Building Code	Test	Criteria	S <sub>DS</sub> (g)	z/h	l <sub>P</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-F	SAC156-OR		1.0	1.5	3.20	2.40	1.67	0.67
		P	2.5	0.0		0.20			
Product Construction Sun	-	144	Test Mounting D	etails:					
Constructed of carbon stee	l, aluminum, ar	id plastic		MY	1	11			
components				-					
	A	05	P-0479		T		1	<u> </u>	
Options/Subcomponent S		BY: Timo	thy Piland			14			
Description	Part N	umber				AN			
Collimator (AL01C II)	Type: 5	234954 TE: (	01/18/2024		$\sim$				
(GE Healthcare)	Z				$\sim$	3/6			
Longitudinal Rails	534081	8		2	$\tilde{i}$	21			
(GE Healthcare)				"					
OTS 3M Bridge (GE Healthcare)	569332	5		) /		A			
		BU	TIDING		100			/	
Tube Support (GE Healthcare)	513972	0					-		
X-Ray Tube			12		T	1	LAN-		
(GE Healthcare)	46-154	400G284		1	407	1		1	
				-	4-	11-	- A	-11	
			and the second second	-			24	An	
Test Mounting Details:			Internet Diverse -	166	1	ALL OF	LAND.		
rest mounting betails.			1 .		1	dia			
<sup>1</sup> Height from top of	longitudinal ra	ail to focal		11	-11	A		-11	
point (x-ray tube cer	nter)			-	-11				
			UUT8 was ceiling r	nounted	- rigid us	sing 1/2" b	olts and	unistrut	P1010
Min Height: 35.5"			channel nuts with		-	-			
Max Height: 106.3"			longitudinal rail (5	location	s each ra	il / 10 loca	ations to	al) Unist	rut
			parallel to rail.						
			Unit maintained st						
			manufacturer required in testing				test. Cont	ents wer	e
					-	Structure			



Manufacturer: GE	Healthcare								
Model Line: Dis	scovery XR656 Plus						l	JUT	9
Model Number: Ov	erhead Tube Suppor	rt (XR656 system	- 2 meter bridge)						•
Serial Number: N/	4		-	Test Re	port:	SQ12-16	09-01 (U	UT9)	
		UU	T Properties						
Weight		Dimension (in)			Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Tested Height <sup>1</sup>	Front	-Back	Side	-Side	Ver	tical
880	25.8	83.9	72.0	N	/A	N	/A	N	/A
	UL	JT Highest Passe	ed Seismic Run Info	ormation	1		-	-	
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-ES	AC156-OR	2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67
<b>Product Construction S</b>	Summary:	E	Test Mounting De	etails:					
Constructed of carbon st	teel, aluminum, and	plastic		K K					
components	S			1.2	1		17-11	-	
	A	OS	P-0479		TIL		-		
					Re L		1		
Options/Subcomponen		BY: Timot	hy Piland		OE	~	-		
Description	Part Nur	nber	- Tr				P	-	~
Collimator (AL01C II) (GE Healthcare)	5234954	DATE: 0	1/13/2024		$\mathbf{\mathcal{O}}$	2	P	1	
Longitudinal Rails	5340818					11	131		
(GE Healthcare)				Ary	4	14	27	1	
OTS 2M Bridge (GE Healthcare)	5143542	NIA			TT	1	1	A	
Tube Support	5135678-	, BU]	DING	1	120			11	
(GE Healthcare)	5155070	5	Party of the later	-		-	-	1 111	
X-Ray Tube	46-15440	00G284	the little la	In		T	2	3	
(GE Healthcare)				31	68	1X	10.0		
					100			SI	-
Test Messal Dist				1	21	2	-	111	Contraction of the local division of the loc
Test Mounting Details:				-1-			-		
<sup>1</sup> Height from top	of longitudinal rail	to focal		The state of the s		1000			
point (x-ray tube	e e								
			UUT9 was ceiling n	nounted	- rigid us	ing 1/2" h	olts and	unistrut	P1010
Min Height: 32.0"			channel nuts with		-				
Max Height: 102.0	5"		longitudinal rail (5						
			parallel to rail.						
			Unit maintained st						
			manufacturer requ				est. Cont	ents wer	e
			included in testing		rating co				



Manufacturer: GE	Healthcare								
Model Line: Dis	scovery XR656 Plus						U	UT 1	L <b>O</b>
Model Number: Ov	erhead Tube Suppol	rt (XR656 system	n - 4 meter bridge)					•	
Serial Number: N//	4			Test Rep	ort:	SQ12-16	609-01 (U	UT10)	
		UL	JT Properties						
Weight		Dimension (in	)		Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Tested Height <sup>1</sup>	Front-	Back	Side	-Side	Ver	tical
1,170	26.3	157.0	72.0	N/	A	N	/A	N	/A
			ed Seismic Run Info	ormation				-	-
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	Ι <sub>Ρ</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-ES	AC156-OR	2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Product Construction S	Summary:	E	Test Mounting Do	etails:					
Constructed of carbon si components			P-0479	AN AN	2	A de	P	The second	
Options/Subcomponen		BY: Timo	thy Piland						
Description	Part Nui	mber						-	
Collimator (AL01C II) (GE Healthcare)	5234954	DATE: (	01/18/2024		V		A		
Longitudinal Rails (GE Healthcare)	5340818			12	1	0	7		
OTS 4M Bridge (GE Healthcare)	5189123	PNIA		DV			1		
Tube Support (GE Healthcare)	5135678-	-3	ILDING	L	. 9	6	de.		
X-Ray Tube (GE Healthcare)	46-15440	00G284		1					
<b>- -</b>			1/15					-	
Test Mounting Details:				-			-		
<sup>1</sup> Height from top point (x-ray tube Min Height: 32.0" Max Height: 102.0		l to focal	UUT10 was ceiling channel nuts with longitudinal rail (5 parallel to rail. The electromagnetic b Unit maintained st manufacturer requ	springs at locations bridge sy rake wher ructural ir	each e each ra stem w testing ntegrity	nd and 26 ail / 10 loca vas powere g, same as v and rema	5" o.c. Typ ations to ed on and normal ained fun	pical each tal) Unist d locked h use. ctional pe	n rut by an er



Manufacturer:	GE Hualun Medical Sys	stems, Co. Ltd						
Model Line:	Optima XR646 / Discov					l u	UT 1	11
Model Number:	Detector BIN (5394348)	2					••••	
Serial Number:	300752382-184-04			Test Report	: SO12-1	509-01 (U	IUT11)	
		UU	T Properties				- /	
Weight		Dimension (in)		Lo	west Natura	l Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front-Ba		e-Side		tical
33	4.7	21.0	14.2	1.2	3	0.8	14	4.7
	U	UT Highest Passe	ed Seismic Run In	formation				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> A <sub>FLX-H</sub> (g	) A <sub>RIG-H</sub> (g	) A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2022	ICC-ES	AC156-OR	2.5	1.0 1	1.5 3.20	2.40	1.67	0.67
Product Construction	on Summary:		Test Mounting	Details:				
Constructed of carbo	on steel, aluminum, and	l plastic						
components				1				
	4	OS	P-0479	C	* 1010			
	R			- m	63			
Options/Subcompo	nent Summary:	DV. Time	by Diland	6				
Description	Part Nu	mber	hy Piland		-			
URP Detector		8					1 r	
(GE Healthcare)	<mark>5340</mark> 000	-7DATE: 0	1/18/2024	$\sim$				
(of meaninearcy	Z		3356 BBBBBBB					
							-	$\leq$
						11		
		TAT		0				
		A BIN	DING	Shit				
								-
			20					-
							1	1
			1					
			-	_	_		-	-
			The state of the s	-	-	-	-	100
					1			-
			and the second		-	-	1000	-
			1					
			1					
			UUT11 was base	-				
			countersunk mad		••		•	
			Unit maintained					
			manufacturer rec			test. Con	tents wer	e
			included in testin	ig per operatin	ig conditions.			



<b>Manufacturer:</b> H	IP								
	ptima XR646 / Discov	ery XR656 Plus					l u	UT 1	12
Model Number: H	IP Z420 NM Host (5370	)540-20)						• • •	
Serial Number: C	ZC4270858			Test Re	port:	SQ1214.	3501 (UU	T1)	
		UU	T Properties						
Weight		Dimension (in)			Lowes	st Natura	l Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Fron	t-Back	Side	-Side	Ver	tical
37	20.0	7.0	17.8	13	8.8	32	2.9	>3	3.3
	UL	JT Highest Passe	d Seismic Run Inf	ormatio	n				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2022	ICC-ES	AC156 OR	OD2:0	1.0	1.5	3.20	2.40	1.67	0.67
CDC 2022	ICC-L3	ACISO	2.5	0.0	1.5	5.20	2.40	1.07	0.07
<b>Product Construction</b>	Summary:	E	Test Mounting D	etails:					
Constructed of carbon	steel, aluminum, and	plastic							
components	S				2				
	4	OS	P-0479		-				
						10000		-	1-
Options/Subcompone		<b>BY:</b> Timot	hy Piland	CCCCC	0			-	
Description	Part Nui	mber				-		A .	
N/A	N/A		1/18/2024			and the second	Sar Bas	ALC: NO	1
		DAIL.			N/A				
	I.		+			1. 1			
					6	-0.3	-		A
		P		-Or		Ser.		A sale of	
		ADU	DIAL C			10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 20	Jar.	See.
		· DUI	DINO		6		2:		Part
				20				10	1
			1. 1. 1	an a sh		190		12.	1
						P. 7		1.8	
								/	
					3. 14	12	5	4.7	
				1.0	•	115 -	/	al s	1
			UUT12 was base r	nounted	- rigid st	rapped int	o GE-pro	vided Co	mputer
			Seismic Base anch						
			bolts and washers				-		
			1" wide straps, mo	ounting b	racket a	nd straps	provided	by GE (P	/N
			5813338).						
			Unit maintained s						
			manufacturer req included in testing				lest. Con	lents wer	е
				zhei ohe	aung ca				



Manufacturer: GE H	ualun Medical Sys	tems. Co. Ltd							
	-	-	(Definium 656 HD)				U	UT 1	3
	ographic Table (G	-						• • •	
	TBL-01	, ,		Test Re	port:	SQ12-18	B12-01 r2	(UUT1)	
		UU	T Properties		•	-		. ,	
Weight		Dimension (in)	)		Lowes	st Natura	l Freque	ncy (Hz)	
(lbs.) <sup>1</sup>	Depth	Width	Tested Height <sup>2</sup>	Fron	t-Back	Side	-Side	Ver	tical
838	95.0	36.0	33.5	2	.12	>3	3.33	8.	.01
	U	JT Highest Passe	ed Seismic Run Info	ormatio	n	•			
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	Ι <sub>Ρ</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2022		ACTECIOR	002.0	1.0	1 5	2 20	2.40	1.67	0.67
CBC 2022	ICC-ES	AC156	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construction Su	nmary:		Test Mounting De	etails:					
Constructed of carbon stee	el, aluminum, and	l plastic							
components	N.S.				2				
able is also referred to as	"Global <mark>G3 Tab</mark> le	OS	P-0479		2				
					11.				
Options/Subcomponent S	Summa <mark>ry:</mark>	<b>BY</b> Timot	hy Piland		0				
Description	Part Nu								
Detector:			1/40/2024		12	-	-	1 -	<b>9</b>
GE FlashPad HD 3543 wirele	200	0. 5771417-ENG . 31736417E1502	11012024	T		E		ARR A	
emovable detector	Sendi No	. 3173041721302			S		1		
	.0	MANANA				-			
K-Ray Grid (Anti-Scatter Grid	$(_{1} + P/N 4)$	6-286129P74		OY-		0		1-1-	No.
120cm by Mitaya Mfg. Co. Li	lu.	AD				-			
		·BU	D	2			-		
				-L	New or	-	1		
						The Party of the P			9
				15		1		-	
				3/			1.11		the state
Test Mounting Details:			1						
			1						
<sup>1</sup> Weight listed is the	e table weight.		UUT13 was base m	ounted	- rigid us	sing four (4	4) 1/2" SA	E J429 Gi	rade 8
			bolts to tapped ho		-	-			
706 lbs. simulated p	atient load pres	ent during	Detector tray inclu	ded a re	tention	bracket, w			
testing is not listed.			the standard mfd p	-				-	0
<sup>2</sup> Min Height: 20.0"			testing. Bracket mi			-	ge detecto	ors and re	<u>j</u> -
Max Height: 33.5"			installed when 14x						
			Unit maintained st						
			manufacturer required in testing				iesi. Com	lents wer	e
					-	/ Structura			



<b>Manufacturer:</b> GE	Hualun Medical Sys	stems, Co. Ltd							
	ima XR646 HD / Dis	-	(Definium 656 HD)				UI	JT 1	4a
		-	hPad HD 17x17 with	Detecto	or Trav				Ĩ
	s TBL-02	0.22 00, 11, 100		Test Rep	-	SO12-18	12-01 r2	(UUT2)	
		UU	T Properties			0012 10	12 01 72	(0012)	
Weight		Dimension (in)	-		Lowest	t Natura	Freque	ncv (Hz)	
(lbs.) <sup>1</sup>	Depth	Width	Tested Height <sup>2</sup>	Front	-Back	-	-Side		tical
727	33.00	91.70	32.25		06		39		81
121			ed Seismic Run Info				55	1.	01
Building Code	1	riteria	S <sub>DS</sub> (g)		, I <sub>P</sub>	Δ(σ)	A <sub>RIG-H</sub> (g)	Δ(σ)	Δ(σ
Building Code	Test C	interia	<b>3</b> <sub>DS</sub> (g)	<b>z/h</b> 1.0	Чр	~FLX-H (8)	ጥRIG-H \ሄ/	~FLX-V (8)	
CBC 2022	ICC-ES	AC156 OR	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construction S	ummary:	EP	Test Mounting De	1		<u> </u>	1		<u> </u>
Constructed of carbon sto	-	plastic		C					
components				XX					
Table is also referred to a	s "G3 Standard Ta	ble" and "Chogri	D 0170		5				
Fable"					m				
	Summaria								
Options/Subcomponent	Summary: Part Nu	BY: Timot	hy Pliand		10, La	74			
Description	Part Nu	mper		1 mar	No all				d
Detector:	, Model No	5781717-ENG	/18/2024			10.0			
GE FlashPad HD 4343 wire		o. 31823717E2437			VER		1	5	K
removable detector				20	T		120		in and
K-Ray Grid (Anti-Scatter G	rid):			4.4	1		E-	5	
110cm by Mitaya Mfg. Co.		6-286129P73		VIE			-	1	
		AD	DINGC	1	-		-		3
		· BUI	DINO	1-3	-	007.2		1	E
					-				*
					1			D	th
			-12/-	PE P	in the		101-	-	2
			here's		Caller .			1	-
Fest Mounting Details:	I		1						
_			1						
<sup>1</sup> Weight listed is th	ie table weight.								
EEO lha aimulatad	nationt load area	cont during							
552 lbs. simulated testing is not listed	•		UUT14 was base m		-	-			
	4.		bolts to tapped ho		-		-		
<sup>2</sup> Min Height: 20.7"			UUT14a used a Fla	shPad HI	D 17x17 \	with deteo	ctor tray i	elease la	tch
Max Height: 32.5			screws.						
			Unit maintained st						
			manufacturer requ included in testing				est. Cont	ents wer	e

### 2200668-CR-001-R4



	зЕ Hualun Me	dical Syst	ems, Co. Ltd							
Model Line:	Optima XR646	HD / Disc	overy XR656 HD	(Definium 656 HD)				U	JT 1	4b
Model Number:	Radiographic	Table (GC	TBL-C5) w/ Flas	hPad HD 17x17 W/C	) Detecto	or Tray				
	Seis TBL-02	·			Test Re	-	SQ12-18	12-01 r2	(UUT2A)	
			UU	T Properties	-		-		. ,	
Weight			Dimension (in)			Lowes	t Natural	Freque	ncy (Hz)	
(lbs.) <sup>1</sup>	Dep		Width	Tested Height <sup>2</sup>	Front	t-Back	1	-Side		tical
727	33.		91.70	32.25	5.	.06	3.	39	7.	81
		UU	T Highest Passe	ed Seismic Run Info	rmatio	n				
Building Code		Test Cr	<u> </u>	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2022		ICC-ES A	AC156-OR	2.5 0	1.0	1.5	3.20	2.40	1.67	0.67
Product Construction	Summary:			Test Mounting De	etails:					
Table is also referred t Table" <b>Options/Subcompon</b>		R.	BY Time	P-0479		Ē				
Description		Part Num	nber							3
GE FlashPad HD 4343 v removable detector X-Ray Grid (Anti-Scatte 110cm by Mitaya Mfg. (	r Grid):	Serial No.	5781717-ENG 31823717E2437 -286129P73							
					3	4 <u>.</u>		and the second	-	

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com



Manufacturer:	HP								
Model Line:	Optima XR646 HD / Dis	covery XR656 HD	(Definium 656 HD)				U	UT 1	L <b>5</b>
Model Number:	HP Z440 Workstation	(8770000-24)							
Serial Number:	4CV813W6R4			Test Rep	oort:	SQ12-18	12-01 r2	(UUT3)	
		UU	T Properties						
Weight		Dimension (in)			Lowes	t Natural	Freque	ncy (Hz)	
(lbs.) <sup>1</sup>	Depth	Width	Height	Front	-Back	Side	-Side	Ver	tical
34	17.5	6.6	17.0	11	.2	30	).4	16	5.6
	U	UT Highest Passe	d Seismic Run Inf	ormation	ו				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-ES	AC156 OR	0D2:0 2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Product Construction	on Summary:	EP	Test Mounting D	etails:					
Constructed of carbo	on steel, aluminum, and	plastic							
components	S			<u>~</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-				
	4	OS	P-0479						T
Options/Subcompo	nent Summa <mark>ry:</mark>	<b>BV</b> · Timot	hy Piland	- Andrew	0				-
Description	Part N <mark>umbe</mark> r		58		-	74			
NIC	350-T2 & 350-T4		1/18/2024	N		1		1	-
IVIC	550-12 & 550-14 1		1/10/2024		VE	Concerned in			
HP Z440 Workstation	2EL23UC#AB2								
NVIDIA K2200		RNIA		DY.					
Dual Port Canbus Car	rd	BUI	LDINO		1		Je.		
Single Port Adapter							0		
				0			•••		
Test Mounting Deta	ils:		Tests of the te			2 miles			1122
<sup>1</sup> Weight listed	is with bracket								
			UUT15 was base - through steel mou PC secured to mo brackets & straps Unit maintained s manufacturer req included in testing	unting bra unting bra provided tructural i uirement a	icket to f acket wi by GE (P integrity after sha	tapped ho th two (2) 2/N 581333 and rema ake table t	les in alu - 1" wide 8). ined fune	minum p straps. M ctional pe	late. Iounting er

### 2200668-CR-001-R4



Manufacturer:	GE Hualun Medical Sy	stems, Co. Ltd							
Model Line:	, Optima XR646 HD / Di		(Definium 656 HD)				U	UT 1	16
Model Number:	System Cabinet (GCC-	•						• • •	
Serial Number:	Seis Cab-01	,		Test Re	port:	SQ12-18	312-01 r2	(UUT4)	
		UU	T Properties	-		-			
Weight		Dimension (in)	-		Lowes	t Natura	Freque	ncy (Hz)	
(lbs.) <sup>1</sup>	Depth	Width	Height	Front	t-Back	Side	-Side	Ver	tical
705	26.0	33.3	58.0	12	.93	9.	40	17	.58
	U	UT Highest Passe	d Seismic Run Info	ormatio	n			-	
Building Code	e Test (	Criteria	S <sub>DS</sub> (g)	z/h	Ι <sub>Ρ</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022		ACTEC OR	002.0	1.0	1.5	3.20	2.40	1.67	0.67
CBC 2022	ICC-E.	SAC156	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construct	ion Summary:	E	Test Mounting D	etails:					
Constructed of carb	on steel, aluminum, an	d plastic							
components	2								
	4	OS	P-04 <b>79</b>	g	2	-		ATT	
				The		202-4		187	
Options/Subcompo	onent Summa <mark>ry:</mark>	<b>BY:</b> Timot	ny Pil <mark>and 🚺</mark>					Lan	
Description	Part Nu							Constant of the	
N/A	N/A		1/18 2024		<u> </u>		-	3 4 4	
N/A	N/A	DATE. V							
					2				
							· ·	and the	
		P		JY C			13		
		ADU	THE C	and			-		
		· BUI						-	
			23				-	-	
				2	-	10.10	-		
				-		and the			
			UUT16 was wall/flo			-			
Test Mounting Deta	ails:		5692807) at top wi head sheet metal (					-	
			track backing plate			-	-	-	
<sup>1</sup> Weight listed	ł		cabinet.			(_)			
	- 11		Also using two (2)	5mm ste	el brack	ets (P/N 56	592809), d	one each	side.
Reported: 70 Measured: 67			Each bracket secu					0	
iviedSuleu: 07	5 105.		drywall to 4x16ga				wall and	two (2) N	45 Class
			8.8 screws (P/N 56	-					
			Unit bears on, but						or
			Unit maintained st manufacturer requ						
			included in testing				lest, COIII	Lents wel	C
				Complia					

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com Page 43 of 55



Manufacturer:	Aruba Networks, Inc.								
Model Line:	Optima XR646 HD/ Di	scovery XR656 HD (	(Definium 656 HD)				U	UT 1	L <b>7</b>
Model Number:	AP Assembly (572015	7) w/ Mounting Bra	cket					• • •	
Serial Number:	СNBXHHB2КМ			Test Re	port:	SQ12-18	12-01 r2	(UUT5)	
		UU	<b>Properties</b>	-		-			
Weight		Dimension (in)	-		Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front	t-Back	Side	-Side	Ver	tical
1.4	7.1	7.1	3.0	N	/A	N	/A	N	/A
		JUT Highest Passe	d Seismic Run Infe	ormatio	n	•			
Building Code	Test	Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-E	SAC156-OR	0D 2:0 2.5 O/	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Product Constructio	n Summary:	EP	Test Mounting D	etails:		•			•
Constructed of carbo	n steel, aluminum, ar	d plastic							
components	S				2				
	4	OS	P-0479		2				
	14	W <u></u>			111			C. C. C.	
<b>Options/Subcompor</b>	ent Summa <mark>ry:</mark>	<b>BY</b> · Timot	hy Piland	- Allance					
Description	Model	Number		owner till	A THE REAL	<b>WWWWW</b>	111.		1
		PRVIA BUI	DING	DE					2
			UUT17 was wall m threading, hex was drywall to 4x16ga Mounting bracket Unit maintained st manufacturer requ	sher head steel trac GE (mod tructural	d sheet r k backir el no. 57 integrity	netal (Tek ng plate in 78430). 7 and rema	) screws t wall. ained fund	hrough 5	6/8"

### 2200668-CR-001-R4



Manufacturer:	GE Hualun Medical Sy	rstems, Co. Ltd							
Model Line:	Optima XR646 HD/ Dis	scovery XR656 HD (	(Definium 656 HD)				U	UT 1	L8
Model Number:	Tether Interface Box,	TIB (5765910)							
Serial Number:	N/A			Test Re	port:	SQ12-18	12-01 r2	(UUT6)	
		UU	T Properties						
Weight		Dimension (in)			Lowes	t Natural	Frequer	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front	t-Back	Side	-Side	Ver	tical
13.4	5.7	10.0	12.2	N	/A	N	/A	Ν	/A
	U	UT Highest Passe	d Seismic Run Info	ormatio	n				
Building Code	Test	Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022	ICC-F	SAC156 OR	002.0	1.0	1.5	3.20	2.40	1.67	0.67
CDC 2022		SACIST CONTRACTOR	2.5	0.0	1.5	5.20	2.40	1.01	0.01
Product Construction	-	1EL	Test Mounting D	etails:					
	n steel, aluminum, an	d plastic							
components	N					-			
	A	OS	P-0 <b>479</b>		HL				
					6				
Options/Subcompor		BY: Timot	hy Piland	-					
Description	Model I	Number				4	- 1		
N/A	N/A		1/18/2024	T			))		
/	Y				V/	L			
				1	2			-	
				4.			1	67	
		P		\$°				1000	
		APU	TNIGO						
		DUI	LUIN					-	
							1		
			1.				116		
			to the					2012	
						al l			
			UUT18 was wall m		-	-			
			threading, hex was					-	
			drywall to 4x16ga	steel trac	:k backin	g plate in	wall. Tet	ner store	d in box
			during testing. Unit maintained st	ructural	intogrity	and roma	ined fund	tional n	ar
			manufacturer requ						
			included in testing						~

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com Page 45 of 55



<b>Manufacturer:</b> Gl	E Hualun Medical Sys	stems, Co. Ltd							
	scovery XR656 HD (D	-					U	UT 1	9
	/erhead Tube Suspe			ort 51356	78-7)			0.1	
Serial Number: N/				Test Re	•	SO12-18	312-01 r2	(UUT7)	
		UL	JT Properties			- (		(	
Weight		Dimension (in	ı)		Lowes	st Natura	l Freque	ncy (Hz)	
(lbs.)	Depth	Width	Tested Height <sup>1</sup>	Front	t-Back	Side	-Side	Ver	tical
1,092	26.3	172.6	72.0	N	I/A	N	/A	N	/A
	U	UT Highest Pass	ed Seismic Run Info	ormatio	n				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
				1.0					
CBC 2022	ICC-ES	AC156	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construction	Summary:	EVITIN	Test Mounting D	1		1	I		
Constructed of carbon s	-	d plastic							
components	E E		N	XXX Y	2				
	<u>L</u>	OS	SP-0479		C				
	R				ГП				
Options/Subcomponer	nt Summary:	<b>DV</b> · Time	the Biland		0				
Description	Part Nu	mber	y Fliance		2	-		-	
4 Meter Bridge				-	-		-	lool	12
(GE Healthcare)	<mark>5189</mark> 123	DATE: (	01418/2024-		N	1			
Longitudinal Rails (134",				-	N-			1 8	100
(GE Healthcare)	46-3164	80G1		NO					
				A CAN				1.77	
Collimator (AL01C II eL) (GE Healthcare)	5739663			DRA					
		BII	DINE	DANT	Tay	<			
Tube Support	5135678	8-7		4		PA 1			a = +
(GE Healthcare)					7				
X-Ray Tube	46-1544	00G284			1	H A			
(GE Healthcare)			21/	500					
				-	-			NA STATE	
			4						
Test Mounting Details:			4						
1 Hoight from ton	of longitudinal rai	il to focal							
point (x-ray tube	•								
			UUT19 was ceiling		-	<b>-</b> ·			
Min Height: 36.3	II.		channel nuts with						
Max Height: 107.			longitudinal rail (6 system was power						-
			testing, same as no			u by an ele	ctromagi	netic brak	e when
			Unit maintained st			v and rema	ained fun	ctional ne	r
			manufacturer requ						
			included in testing						-
						/ Structura	al Intogri	ty Accoci	ataa laa

### 2200668-CR-001-R4



Manufacturer:	GE Hualun Medical Sy	stems Co Itd							
Model Line:	Optima XR646 HD / Dis		(Definium 656 HD)					UT 2	<b>N</b> 2
Model Number:	Motorized Extened Wa	2		with De	tector T	rav			Va
Serial Number:	Seis Ex WS-01			Test Re			12-01 r2	(111178)	
	3013 EX 113 01		T Properties	restric		5912 10	12 0172	(0070)	
Weight		Dimension (in)	-		Lowes	t Natural	Freque	ncv (Hz)	
(lbs.)	Depth	Width	Height	Front	t-Back	-	-Side		tical
642	65.7	27.0	103.5	3.	.75		05		97
0.12			ed Seismic Run Info						
Building Code		riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
		0(	002.0	1.0					
CBC 2022	ICC-ES	AC156 OK	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Constructi	on Summary:	<u> </u>	Test Mounting D	1					
	on steel, aluminum, an	d plastic		Z					
components				XXX					
	<u>L</u>	OS	P-0479	- 1	C				
	R				m	1			
Options/Subcompo	nent Summary:	<b>DV</b> · Timet	ny Piland	1000000	2	- 11			
Description	Part Nu		ly Fliand		9				
Detector:				m					
GE FlashPad HD 4343	Model N	o. 5781717-ENG	1/18/2024	It i	N				
removable detector	Serial No	o. 31825717E2451		El a c	VI				
				and the	F)		1 1		
X-Ray Grid (Anti-Scat	ter Grid):		A second	Nº.	1=	100	100	- 6-	4
130cm by Mitaya Mfg	. Co. Ltd.	1 <mark>6-286129P75</mark>			- THE R	100			
		HA BIN	DING						ALC: NO.
-	uded a supplemental la	-							
	not part of the standard	d mfd product, to					-		
secure grid within tro	ny during test					-			
			.9.	1	7	and the			-
				an	-	1			
			and the	3	1		1000		-
					6			-	
			1						
			UUT20 was base m	ounted -	- rigid us	ing four (4	) 5/8" SA	E J429 Gr	ade 8
			bolts to tapped ho		-	-			
			UUT20a used a Fla	shPad H	D 17x17	with deteo	ctor tray	release la	tch
			screws						
			Unit maintained st					-	
			manufacturer requ				est. Cont	tents wer	e
			included in testing	per opei	rating co	onditions.			

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com Page 47 of 55

### 2200668-CR-001-R4



Manufacturer:	GE Hualun Medical Sy	vstems Co Itd							
Model Line:	Optima XR646 HD / Di		(Definium 656 HD)				111	JT 2	∩h
Model Number:	Motorized Extened We	2	,	W/O De	tector Ti	av			
Serial Number:	Seis Ex WS-01			Test Re			12-01 r2	(UUT8A)	
		UU	T Properties					(	
Weight		Dimension (in)			Lowes	t Natural	Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front	t-Back	-	-Side		tical
642	65.7	27.0	103.5	3.	.75	8.	05	6.	97
	U	UT Highest Passe	d Seismic Run Info	ormatio	n				
Building Code	Test	Criteria	S <sub>DS</sub> (g)	z/h	Ι <sub>Ρ</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CDC 2022		ACTES OP (	002.0	1.0	1.5	2.20	2.40	1.67	0.67
CBC 2022	ICC-E	S AC156	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Constructio	on Summary:	E	Test Mounting D	etails:		•			
Constructed of carbo	n steel, aluminum, an	d plastic							
components	S	MANIN MARKAN					1		$\sim$
	4	OS	P-0479	4	21		Th-		
						to a	141	1)	-
Options/Subcompo	nent Summa <mark>ry:</mark>	<b>BY</b> : Timot	hv Piland				e f	11	n.e.
Description	Part Nu	ımber						160	N WE
Detector:	ModelA	lo. 5781717-ENG	1/18/2024				11 -	and the same	all the
GE FlashPad HD 4343	WIRDLOCC	0. 31825717E2451	11012024			1	- 1		1
removable detector	Seriari	0.5102571712451	+	1		Inda	1-	-	4 million
X-Ray Grid (Anti-Scatt	or Crid).				1:L			1	ALC: NO
130cm by Mitaya Mfg.		46-286129P75		QY_	-11	Last			In 1
1900m by Millaya Mig.	co. 2td.	ADU	- C	2				1120	all'
*Grid holder tray inclu	ided a supplemental la	atching	DING	11 L	100	4	R		Tel-
	not part of the standar	rd mfd product, to	5			1		_	
secure grid within tray	y during test		1	7	-	1	CN-		
			- 1911						<u></u>
			2	10	- manager	2 - F	-0		
								1	
			UUT20 was base m		-	-	) 5/8" SA	E J429 Gr	ade 8
			bolts to tapped ho						1
			UUT20b used a Fla	shPad H	17x17 ט	with out d	etector t	ray releas	se latch
			screws. Unit maintained st	ructural	intogrity	and rema	ined fun	ctional n	⊃r
			manufacturer requ						
			included in testing						~
	I					Structura	المراجع والمراجع		

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com

### 2200668-CR-001-R4



<b>Manufacturer:</b> GE H	Jualun Medical Sys	stems, Co. Ltd							
	ima XR646 HD/ Dis	-	(Definium 656 HD)				U	UT 2	21
Model Number: Mar	nual Extended Wall	(GCMWS-C5) w/ F	lashPad HD 14x17	7				• • •	
Serial Number: N/A				Test Re	port:	SQ12-18	312-01 r2	(UUT9)	
		UU	T Properties						
Weight		Dimension (in)			Lowes	t Natura	l Freque	uency (Hz)	
(lbs.)	Depth	Width	Height	Fron	Front-Back		-Side	Ver	tical
537	40.4	27.0	103.5	9	.72	9.	9.49		3.33
	U	UT Highest Passe	d Seismic Run Inf	ormatio	n				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CDC 2022		ACIECOR	002.0	1.0	1.5	2.20	2.40	1.07	0.07
CBC 2022	ICC-ES	AC156	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construction Su	immary:	E	Test Mounting D	etails:					
Constructed of carbon ste	el, aluminum, and	d plastic		K					
components	Z.				2				
	4	OS	P-0479		2	make			
<b>Options/Subcomponent</b>	Summa <mark>ry:</mark>	<b>BY</b> : Timot	hy Piland	-	-0				
Description	Part Nu				1			1	
Detector:		DATE: 0	1/18/2024		-				
GE FlashPad HD 3543 wire	1000	o. 5771417 - 0 0. 31736417E1502	1/10/2024		VI.				
removable detector	Sendine	. 5175041721502		5	3/-				
V Day Crid (Anti Coattor Cr	id).			1	1	- 1			
X-Ray Grid (Anti-Scatter Gr 120cm by Mitaya Mfg. Co. I	$(_{1} + P/N)$	6-286129P74	HALF L.C.	D.	Test.	-		100	
120cm by Mildyd Mig. Co. i		ADU	C C	1	and a		ET M		
*Grid holder tray included	a supplemental la	tching	LDIN						
mechanism, which is not p	art of the standard	d mfd product, to		í í					
secure grid within tray dur	ing test						dill	1 F	
				in )				-	
			1000	1	5	2			
			1-3	-			100		
				1000	-	-		-	
			UUT21 was base n	nounted	- rigid us	ing four (4	4) 5/8" SA	E J429 Gi	rade 8
			bolts to tapped ho		-	-			-
			Detector tray inclu			•	nich GE st	ates is pa	art of the
			standard mfd pro					-	-
			Bracket must be r	emoved t	to excha	nge detect	tors and r	e-installe	ed when
			14x17 is used.		:		the set for		
			Unit maintained s						
			manufacturer required in testing				lest. Con	ents wer	e
				L Compli					

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com



Manufacturer: GE	Hualun Medical Sy	stems, Co. Ltd							
Model Line: Dis	scovery XR656 HD (L	) Definium 656 HD)					U	UT 2	22
Model Number: Ov	erhead Tube Suspe	nsion (4 meter bi	ridge w/ Tube Suppo	ort 51356	578-10)				
Serial Number: N/A	A			Test Re	port:	No.B22)	(80804 Re	ev.1 (UUT	-1)
		UL	JT Properties						
Weight		Dimension (in	1)		Lowes	t Natura	l Freque	ncy (Hz)	
(lbs.)	Depth	Width	Tested Height <sup>1</sup>	Fron	t-Back	Side	-Side	Ver	tical
1,219	180.1	228.0	72.0	Ν	I/A	N	I/A	N	/A
	U	UT Highest Pass	ed Seismic Run Info	ormatio	n				
Building Code	Test C	Criteria	S <sub>DS</sub> (g)	z/h	Ι <sub>Ρ</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022		AC156 OR		1.0	1.5	3.20	2.40	1.67	0.67
CDC 2022	ICC-L	ACIJO	2.5	0.0	1.5	5.20	2.40	1.07	0.07
Product Construction S	Summary:	E	Test Mounting De	etails:					
Constructed of carbon s	teel, aluminum, an	d plastic							
components	, S		<u>Ni amerikan (Marikan XVXXXXXXX</u>	42.7	2				
	2	OS	SP-0479		2				
<b>Options/Subcomponen</b>	nt Summa <mark>ry:</mark>	BY: Time	thy Piland 4m	Bridge			6m Rail	1	
Description	Part Nu	mber					1		
Collimator (AL01C II eL)	5730663		14812024					2 H	
(GE Healthcare)	373000	DAIL.			VE	-		The second	
Longitudinal Rails (228")	45-3164	80G24			242				
(GE Healthcare)	10 0101			V.					- 37-
OTS 4M Bridge	5189123			Q'_					A.
(GE Healthcare)	0100120	ARI	DING	2	2P				Topped
Tube Support	5135678	3-10			TAR		AF	A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER	11
(GE Healthcare)				V april				A	X
X-Ray Tube	46-1544	00G284		1		15			1
(GE Healthcare)					× /			11	
			_		656 OT	s			
Test Mounting Details:			_						
<sup>1</sup> Outer height fro	m ton of longitud	inal rail to							
the lowest point	in top of longitud								
the lowest point			UUT22 was ceiling		-			-	
Min Height: 41.7"			connected to the fi						
Max Height: 112.			connected to the ta was powered on a					-	
			same as normal us		a sy un c		0.1000 010		
			Unit maintained st		integrity	and rema	ained fun	ctional p	er
			manufacturer requ						
			included in testing	per ope	rating co	nditions.			



Manufacturer: GE H	ualun Medical Sys	tems, Co. Ltd							
	overy XR656 HD (D						U	UT 2	23
	-		lashPad HD 17x17					• • •	
Serial Number: N/A	<b>U I</b>			Test Rep	oort:	No.B22X	(80804 Re	ev.1 (UUT	-2)
		UU	IT Properties	-					
Weight		Dimension (in	)		Lowes	t Natura	l Freque	ncy (Hz)	
(lbs.) <sup>1</sup>	Depth	Width	Tested Height <sup>2</sup>	Front-Back		Side	-Side	ide Vertio	
692	36.7	94.5	33.5	8.	20	2.	.91	3.	.54
	U	JT Highest Pass	ed Seismic Run Info	ormation	1			-	
<b>Building Code</b>	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022		ACTECIOR	OD 2.0	1.0	1 5	3.20	2.40	1.67	0.67
CDC 2022	ICC-ES	ACI36	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construction Su	mmary:		Test Mounting Do	etails:					
Constructed of carbon ste	el, aluminum, and	plastic							
components. China Made.	S			422					
	4	OS	P-0479		21	32	20kg Co	unterwe	igh
							-	٨	
<b>Options/Subcomponent</b>	Summa <mark>ry:</mark>	<b>BY:</b> Timo	thyPitand	1 in man	100 0	TYT	26.		
Description	Part Nu	nber				- the second		11	-
Detector:			140000			1 3		-	-
GE FlashPad HD 4343 wirel	ess Model No	. 5771717	E1072.024			P-A	-	E.C.	
removable detector					SE	P/Ca			A
				1.50	Ante	F	11	ARX	
				02					
		PNIA BU	AND CO	) and		2			
		BU	DINGS	and the second	2	1	0	-	CHANGE CHANGE
				·	-		1		
					-	-/	18	14	
				-C					47
			. 200					17x1	7
							1	Detect	or
Test Mounting Details:			GCTBL-C33	33			1		
rest mounting Details:			Table						
<sup>1</sup> Weight listed is the	e Table weight w	rith							
detector.									
706 lbs. simulated p	patient load pres	ent during							
testing is not includ	led.		UUT23 was base m	ounted -	rigid to	the fixtur	e using fo	our (4) M1	2
			screws. The fixture		-		-		
<sup>2</sup> Min Height: 19.7"			Unit maintained st				-		
Max Height: 33.5"			manufacturer requ				test. Con	ents wer	e
			included in testing	per oper	ating co	onditions.			



Manufacturer:	GE Hu	alun Medical Sy	stems, Co. Ltd								
Model Line:	Optim	a XR646 HD / Dis	scovery XR656 HD	(Definium 656 HD)				U	UT 2	24	
Model Number:	Syster	n Cabinet (GCC-	C4)					_	_		
Serial Number:	N/A				Test Re	port:	No.B22X	(80804 Re	v.1 (UUT	3)	
			UU	T Properties							
Weight			Dimension (in)	)	Lowest Natura			tural Frequency (Hz)			
(lbs.)		Depth	Width	Height	Front	t-Back	Side	-Side	Ver	tical	
459		23.6	35.4	36.7	11	.00	12	.77	>33	3.33	
		U	UT Highest Passe	ed Seismic Run Inf	ormatio	n					
Building Coo	de	Test C	Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)	
CBC 2022			AC156 OR	002.0	1.0	1.5	3.20	2.40	1.67	0.67	
CDC 2022		ICC-ES	SAC130	2.5	0.0	1.5	5.20	2.40	1.07	0.07	
Product Construc	tion Sum	ımary:	E	Test Mounting D	etails:						
Constructed of car	bon steel	, aluminum, an	d plastic								
components		S.			427	2					
		4	OS	P-0 <b>479</b>		2		100		-	
							-				
<b>Options/Subcomp</b>	ponent S	umma <mark>ry:</mark>	BY: Timo	thy <b>Piland</b>	Canada					5	
Description		Part Nu			e	6				F	
N/A		N/A		1/18/2024	1 A	~				5	
M/A			DAIE.	11/10/2044				///	1.22		
						5			1		
									1 -		
			P		$\nabla$				ALC: NO		
			ADU	A G C			1		6 0	L	
			· bU	LDING				1		1	
							1	19	-		
							1 1			1	
								41		1	
							1/2			1	
						-	r /			10	
				•				1	- 1	H.	
				Contraction of the					8		
					100	100	10000		Sa alle		
				-							
				UUT24 was base n							
				The fixture was co							
				Unit maintained s manufacturer requ							
				included in testing				est. Cont	ents wer	e	
				included in testillig	Photopha	i a ting tu	nunuons.				



Manufacturer:	HP									
Model Line:	Optima )	XR646 HD /	Discovery XR656 HI	D (Definium 656 HD)				U	UT 2	25
Model Number:	HP Z4G4	Workstatio	n (8780000-W27)							
Serial Number:	N/A				Test Re	port:	No.B22	(80804 Re	ev.1 (UUT	-4)
			UL	JT Properties						
Weight			Dimension (ir	1)		Lowes	st Natura	l Freque	ncy (Hz)	
(lbs.)		Depth	Width Height Front-Back Side		-Side	Ver	tical			
23		9.6	22.6	20.1	23	3.50	>33.33		>33	3.33
			UUT Highest Pass	ed Seismic Run Info	ormatio	n				
Building Coo	de	Tes	t Criteria	S <sub>DS</sub> (g)	z/h	Ι <sub>Ρ</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2022			ES ACIEC OB	(OD2.0	1.0	1.5	2 20	2.40	1.67	0.67
CBC 2022		ICC-	ES AC156	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construc	tion Summ	ary:	LEY III	Test Mounting D	etails:					
Constructed of car	bon steel, a	luminum, a	and plastic							
components		1								
		4	OS	SP-0479		21		101		
		K				$T^{*}$	$\sim 1$	1 Kar		
Options/Subcom	oonent Sun	mary:	BY: Timo	thy Piland			8 J			
Description			Number			M	R/1			
						3×1	C-U			
N/A		N/A	DAIE:	01/18/2024		SV	-	Sec.	. 1	
						SV/				
						,		12	100	
			O MARINARIA		Le .			3641	2410	
			PA MANA		$\mathcal{O}$		9	1	X	
			A	Le C					XZ	
			BU	I DING C						
				0	- 2			110 1	-	
				100 C				69		
				and the second			-			
							0.0			
									-	
						1.0				
				-					1	
				_						
				UUT25 was base m		-		-		
				The fixture was co			-			
				Unit maintained st						
				manufacturer requ				test. Cont	ents wer	e
				included in testing	per ope	rating co	onditions.			



Manufacturer: Ar	uba Networks, Inc.								
Model Line: Di	scovery XR656 HD (D	efinium 656 HD)					U	UT 2	26
Model Number: AF	P Assembly (5845913,	) w/ Mounting Bro	acket					• • •	
Serial Number: N/	Ά	-		Test Re	port:	No.B22)	(80804 R	ev.1 (UUT	5)
		UU	T Properties						
Weight		Dimension (in)	)		Lowes	st Natura	l Freque	ncy (Hz)	
(lbs.)	Depth	Width	Height	Front	t-Back	Side	Side Ver		tical
1.3	5.5	5.5	0.8	N	I/A	N	/A	N	/A
	U	UT Highest Passe	ed Seismic Run Info	ormatio	n				
Building Code	Test C	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2022		AC156-OR		1.0	1.5	3.20	2.40	1.67	0.67
CBC 2022	ICC-ES	AC156	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construction	Summary:	E	Test Mounting D	etails:					
Constructed of carbon s	teel, aluminum, and	<mark>l plastic</mark>							
components	N.S.			427	2				
	4	OS	P-0479		<u>G</u>				
						-	-		1.00
Options/Subcomponer	nt Summa <mark>ry:</mark>	BY: Timo	hy Piland		105	760	2 200	75	-
Description	Part Nu	mber					- P	<u>.</u>	-dat-
N/A	NZA		1/18/2024			7			夏朝日
N/A	N/A	DATE. C	1/10/2024			1 1			
					D'AR	1	FIL		16 B
						11	In las		-
		P		OY/		11	M	-	-
		A D	C	//		11			
		, BUJ	LDING			//	A		1
				* *		1	1 hours	1	
				1.1		1	1	-	-
						1 1			12
			- The State of State			1	1		1
			- 1 T			/	VS.	-	2
			-				A. To		
			-						
			-						
			UUT26 was wall m	ounted -	rigid to	the fixture	using fo	ur (4) M4	screws
			The fixture was co		-		-		
			Mounting bracket			-	. /		
			Unit maintained st				ained fun	ctional p	er
			manufacturer requ				test. Con	tents wer	e
			included in testing	per ope	rating co	onditions.			



		1.0.								
Manufacturer:	GE Hualun Medic	-							<u>ит 2</u>	7
Model Line:	Discovery XR656							U	UT 2	27
Model Number: Serial Number:	Tether Interface	вох, ПВ (эс	376669)		Test De			(00004 Da		(C)
Serial Number:	N/A			T Properties	Test Re	port:	NO.BZZX	′80804 Re	20.1 (001	6)
		Dim		-	1	1	Notural	<b>F</b> wo <b>a</b> o .		
Weight (lbs.)	Dentk		ension (in) Width		Frank		t Natural		tical	
15	<b>Depth</b> 5.7		10.0	Height 12.2		Front-BackSide-SideN/AN/A				
15	5.7			d Seismic Run Info			IN	/A	IN	/A
Building Cod		est Criteri	-	S <sub>DS</sub> (g)	r	1	A (m)	A <sub>RIG-H</sub> (g)	A (a)	A (a)
Building Cot		est chien	a		<b>z/h</b> 1.0	I <sub>P</sub>	AFLX-H (B)	ARIG-H (B)	AFLX-V(B)	ARIG-V (B)
CBC 2022	l	CC-ES AC15	6FOR	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Product Construct	tion Summary:	NEV		Test Mounting D	etails:					
	bon steel, aluminur	n, and plas	tic							
components		$\leq$			1		-	Uise		
	0	4	OS	P-0479				C	TRAAT	
						10	-			
Options/Subcomp		B	Y: Timot	hy Pi <b>lan</b> d		CAR	1.040			2
Description	Pa	rt Number	wwwwaaaaaaa							
N/A	NZ	4 D	ATF· (	1/18/2024						
		Z				V	1115			
							11		212	
					Kir	0				
		TN	7		5/	X				
			BIN	DING				1		
					NC	2				
				NER						
				XX	77					
					C				-	
					1			-		
							Sec. 1		0	
				-						
				-						
				UUT27 was wall m	ounted -	rigid to t	he fixture	using tw	o (2) M8 s	screws.
				The fixture was co			-			
				Unit maintained st						
				manufacturer requ				est. Cont	ents wer	e
				included in testing	, her oher	aung co	nunuons.			