

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

APPLICATION FOR OSHPD SPECIAL SEISMIC	OFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #: OSP-0479
OSHPD Special Seismic Certification Preapproval (OSP)	
Type: New X Renewal	
Manufacturer Information	
Manufacturer: GE Healthcare	
Manufacturer's Technical Representative:	
Mailing Address: 3000 N. Grandview Blvd., Waukesha, WI 53188-1696	
Telephone: (888) 406-1101 Email: Tom.Farnow@geho	cseismic.com
FORCODECOA	
Product Information	0
Product Name: Fluoroscopy and Radiography Systems	P.
Product Type: NA OSP-0479	CF
Product Model Number: Optima XR646, Optima XR646 HD, Discovery XR656	Plus, Discovery XR656 HD
General Description: System components of multiple-component medical c	liagnostic radiography imaging systems.
Mounting Description: See Attachment 1, Tables 1 & 2 for approved mounting types, TE. 11/16/2020	ng types., See Attachment 1, Tables 1 & 2 for
Tested Seismic Enhancements: Seismic enhancements made to the test un anomalies during the tests shall be incorpo	nits and/or modifications required to address prated into the production units.
Applicant Information	54.
Applicant Company Name: EASE LLC	
Contact Person: Jonathan Roberson	
Mailing Address: 5877 Pine Ave Suite 210, Chino Hills, CA 91709	
Telephone: (909) 606-7622 Email: j.roberson@easeco	b.com

Title: Principal Engineer

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

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

OSP-0479

OSHPD



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

California Licensed Structural Engineer	Responsible for the Engineering and Test Report(s)
Company Name: EASE	
Name: Jonathan Roberson	California License Number: S4197
Mailing Address: 5877 Pine Ave., Suite 210, Ch	nino Hills, CA 91709
Telephone: (909) 606-7622	_ Email: jon@EASECo.com
Certification Method	
GR-63-Core X ICC-ES AC15	6 IEEE 344 IEEE 693 NEBS 3
Other (Please Specify):	
	FORCODECOL
Testing Laboratory	ED MAD
Company Name: ENVIRONMENTAL TESTING	LABORATORIES, INC. (ETL)
Contact Person: Brady Richard	
Mailing Address: 11034 Indian Trail, Dallas TX	75229-3513
Telephone: (972) 247-9657	Email: brady@etIdallas.com
	DATE: 11/16/2020
G.	
	PRNIA BUILDING CODE. 200
	BUILDING

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

Seismic Parameters			
Design Basis of Equipment or Components	s (Fp/Wp) = See Attachment 1, Table	es 1 & 2	
SDS (Design spectral response acce	leration at short period, g) = $2.0 \& 2.5$		
ap (Amplification factor) =	See Attachment 1, Tables 1 & 2		
Rp (Response modification factor) =	See Attachment 1, Tables 1 & 2		
$\Omega_0$ (System overstrength factor) =	2.0		
lp (Importance factor) =	1.5		
z/h (Height ratio factor) =	1 and 0		
Natural frequencies (Hz) =	See Attachment 2		
Overall dimensions and weight =	See Attachment 1, Tables 1 & 2		
OSHPD Approval (For Office Use Onl	y) - Approval Expires on 12/31/20	252	
Date: 11/16/2020	OSP-0479	m	
Name: Timothy Piland		Title:	Senior Structural Engineer
Special Seismic Certification Valid U <mark>p</mark> to: S	DS (g) = See Above	z/h =	See Above
Condition of Approval (if applicable):	DATE: 11/16/2020		
	RIA BUILDING COD	6102	

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EASE EQUIPMENT ANCHORAGE

### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

# **GE Healthcare**

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#### TABLE 1:

Manufacturer GE HEALTH	-												
System Optima XR	646 / Discovery XF	R656 Plus											
	MODEL	APPR	OX. DIMENSI	ONS (IN.)	MAX. WT.								
COMPONENT	NUMBER	W	D	Н	(LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω0
<b>OVERHEAD TUBE SUPP</b>	ORTS												
Overhead Tube Support:	5500972	83.54	25.8	35.5 / 106.3 [4]	C <sup>820</sup> DF	Ceiling	UUT7						
<ul> <li>Tube Support</li> </ul>	5139720			FOR	CODE	Co							
OTS 2 Meter Bridge	5693326					MS							
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284			Nº O									
Collimator (AL01C II)	Type: 5234954				SHP		Y.						
Overhead Tube Support:		120.5	25.8	35.5 / 106.3 [4]	885	Ceiling	UUT8						
Tube Support	5139720		8	0	SP-047	9							
OTS 3 Meter Bridge	5693325												
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284												
Collimator (AL01C II)	Type: 5234954			BY:Time	othy J F	Piland							
Overhead Tube Support:		83.875	25.8	32 / 102.6 [4]	880	Ceiling	UUT9						
Tube Support	5135678-3					00							
OTS 2 Meter Bridge	5143542			DATE: 1	1/16/20	20		3.60	2.0	1	2 1/2	2 1/2	2
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284						9	1.50	2.5	0	2 /2	272	-
<ul> <li>Collimator (AL01C II)</li> </ul>	Type: 5234954		Y,				0						
Overhead Tube Support:		83.875	25.8	32 / 102.6 [4]	880	Ceiling	SAME						
Tube Support	5135678-4			00		0							
OTS 2 Meter Bridge	5143542			N/V		COT							
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284			AB		6							
Collimator (AL01C II)	Type: 5234954												
Overhead Tube Support:		157	26.29	32 / 102.6 [4]	1170	Ceiling	INT						
Tube Support	5135678-3 5135678-4												
OTS 3 Meter Bridge	5127305												
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284												
<ul> <li>Collimator (AL01C II)</li> </ul>	Type: 5234954												



### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

# **GE Healthcare**

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#### TABLE 1:

System Optima XR6	646 / Discovery XR	656 Plus											
, , , , , , , , , , , , , , , , , , , ,	MODEL		OX. DIMENSI		MAX. WT.								
COMPONENT	NUMBER	W	D. DIVIENSI		(LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω₀
Overhead Tube Support:		157	26.29	32 / 102.6 [4]	1170	Ceiling	SAME						
Tube Support	5135678-4				000-								
<ul> <li>OTS 4 Meter Bridge</li> </ul>	5189123			FOR	CODE	COMP		3.60 1.50	2.0 2.5	1	2 ½	2 1⁄2	2
X-Ray Tube	46-155400G284			E O F		N.		1.50	2.5	0			
Collimator (AL01C II)	Type: 5234954			NE									
Overhead Tube Support:		157	26.29	32 / 102.6 [4]	1170	Ceiling	UUT10						
Tube Support	5135678-3		1	· · ·			2						
OTS 4 Meter Bridge	5189123		4	0	SP-047	0	NSI)	3.60 1.50	2.0 2.5	1 0	2 1⁄2	2 1⁄2	2
X-Ray Tube	46-155400G284			0,	DF -047	9		1.50	2.5	0			
Collimator (AL01C II)	Type: 5234954												
PATIENT TABLES				ByTime	othy J F	Piland							
Elevating Table	GCTBL-C2	94.5	36.7	19.7 min 33.5 max	705 [2]	Floor	UUT1	2.40	2.0	1	1	1 ½	2
URP Detector	5340000-X <sup>[3]</sup>	23	17.8		/ 10.520	20		1.13	2.5	0		. , -	_
WALLSTANDS													
Wall Stand	GCWS-C1	27	52.91	103.46	596	Floor	UUT3	2.40	2.0	1			
URP Detector	5340000-X <sup>[3]</sup>	23	17.8	1	10.5		2	1.13	2.5	0	1	1 ½	2
Extended Wall Stand	GCEWS-C1	27	65.67	103.46	618	Floor	UUT4	2.40	2.0	1	4	4.1/	
URP Detector	5340000-X <sup>[3]</sup>	23	17.8	R <sub>1</sub>	10.5	C0V		1.13	2.5	0	1	1 ½	2
SYSTEM CONTROL				AB	את ווע?	1G							
System Cabinet	5397035	28	23.75	55.25	705	Wall/Floor	UUT2	1.44 1.13	2.0 2.5	1 0	1	2 1⁄2	2
NM Host (HP Z420) [6]	5370540-20	7.0	20.0	17.8	37	Floor	UUT- 1435-2	1.50 1.13	2.0 2.5	1 0	2 ½	6	2
HP Z420 Workstation	5840000-3	7.0	20.0	17.8	37	Floor	SAME	1.50 1.13	2.0 2.5	1 0	2 1⁄2	6	2
HP Z420 Workstation	5840000-4	7.0	20.0	17.8	37	Floor	SAME	1.50 1.13	2.0 2.5	1 0	2 1⁄2	6	2
MISCELLANEOUS			•	-	·	•	·			•	•		
Dongle Assembly	5397317- X <sup>[3]</sup>	7	6.1	3.75	5.5	Wall	UUT5	1.50 1.13	2.0 2.5	1 0	2 1⁄2	6	2



### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

# **GE Healthcare**

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#### TABLE 1:

System	GE HEALTH Optima XR6	CARE 46 / Discovery XR	R656 Plus											
		MODEL	APPR	OX. DIMENSIC	DNS (IN.)	MAX. WT.								
OMPONEN	т	NUMBER	w	D	н	(LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	SDS	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω
Detector BIN		5394348	21	4.7	14.17	33	Wall or	UUT6	2.40	2.0	1			
URP De	etector	5340000-X <sup>[3]</sup>	23	17.8	1	10.5	Floor	UUT11	1.13	2.5	0	1	1 ½	2
lotes		t: Indicates that a tes	•				<u>.</u> 9	S.						
10163	<ul> <li>UUT;</li> </ul>	t: Indicates that a tes E: Model is physically	•				G fference is lim	nited to model	number, col	or, software	e and/or GF	manufactu	uring locatio	n.
	mode	nterpolated or Extra ls in the product line						seism <mark>ic certif</mark> ic	cation is esta	ablished th	rough evalu	ation of tes	ting of othe	r, simila
	2. Patient 3. "X" is a r	able weight does no umber which may va	t include the 7 arv from a valu	'06 <mark>lb. sim</mark> ulate ie o <mark>f</mark> "1" to "99"	d patient load p and indicates fi	resent during te irmware differer	esting.							
		· · · · · · · · · · · · · · · · · · ·	,		C									
		d from top of longitue onents in table are m												





### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

# **GE Healthcare**

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#### TABLE 2:

System Optima XR64	46 HD / Discovery	/ XR656 HD											
	MODEL	APPR	OX. DIMENSI	ONS (IN.)	MAX. WT.								
COMPONENT	NUMBER	W	D	Н	(LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω₀
OVERHEAD TUBE SUSPE	NSIONS (OTS)												
Overhead Tube Suspension As	sembly with: [10]	172.6	26.3	36.3 / 107.1 [4]	C <sup>1092</sup> E	Ceiling	1812-7						
<ul> <li>4 Meter Bridge</li> </ul>	5189123			EDFOR	CODE	Co							
<ul> <li>Tube Support</li> </ul>	5135678-7			10		MS		3.60	2.0	1	2 1/2	2 1/2	2
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284			N				1.50	2.5	0	Ζ /2	Z /2	2
<ul> <li>Collimator (AL01C II eL)</li> </ul>	5739663				SHP		Y.						
<ul> <li>Longitudinal Rails (134")</li> </ul>	46-316480G1						5						
Overhead Tube Suspension As	sembly with: [10]	172.6	26.3	36.3 / 107.1 [4]	SP114947	O Ceiling	INT						
4 Meter Bridge	5189123												
Tube Support	5135678-7				11111111111111111111111111111111111111			0.00					
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284			BY:Time	othy J F	Piland		3.60 1.50	2.0 2.5	1	2 1⁄2	2 1⁄2	2
Collimator (AL01C II eL)	5730663			W					2.0	, i i i i i i i i i i i i i i i i i i i			
<ul> <li>Longitudinal Rails (134" to 228")</li> </ul>	46-316480G1 to 46-316480G24			DATE: 1	1/16/20	20							
Overhead Tube Suspension As	sembly with: [10]	172.6	26.3	36.3 / 107.1 [4]	1149	Ceiling	INT						
4 Meter Bridge	5189123		Y,				0						
Tube Support	5135678-8						N/	3.60	2.0	1			
X-Ray Tube	46-155400G284			00				1.50	2.0	0	2 1⁄2	2 1⁄2	2
Collimator (AL01C II eL)	5730663			ORNIAB		CCV							
Longitudinal Rails     (134" to 228")	46-316480G1 to 46-316480G24			AB	UILDIN	6							
Overhead Tube Suspension As	sembly with: [10]	120	26	36.3 / 107.1 [4]	1029	Ceiling	INT						
3 Meter Bridge	5127305												
Tube Support	5135678-7							3.60	2.0	1			
X-Ray Tube	46-155400G284							3.60 1.50	2.0	0	2 1⁄2	2 1⁄2	2
Collimator (AL01C II eL)	5730663												
Longitudinal Rails     (134" to 228")	46-316480G1 to 46-316480G24												



### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

# **GE Healthcare**

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#### TABLE 2:

Manufacturer GE HEALTH System Optima XR6	46 HD / Discovery	V XR656 HD											
	MODEL		OX. DIMENSI	ONS (IN )	MAX. WT.								
COMPONENT	NUMBER	W	D	Н	(LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	$\Omega_0$
Overhead Tube Suspension As	ssembly with: [10]	120	26	36.3 / 107.1 [4]	1029	Ceiling	INT						
3 Meter Bridge	5127305				000-								
Tube Support	5135678-8			EDFOR	CODE	Co		2.00	2.0	4			
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284			201		M.		3.60 1.50	2.0 2.5	1 0	2 1⁄2	2 1⁄2	2
<ul> <li>Collimator (AL01C II eL)</li> </ul>	5730663			NE						-			
<ul> <li>Longitudinal Rails (134" to 228")</li> </ul>	46-316480G1 to 46-316480G24		N	ν O.	5HP	D	P1						
Overhead Tube Suspension As	ssembly with: [10]	82.6	26	36.3 / 107.1 [4]	927	Ceiling	INT						
2 Meter Bridge	5143542		2	U.	5P-047	9	ויח						
<ul> <li>Tube Support</li> </ul>	5135678-7							3.60	2.0	4			
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284			BY:Time	thy IE	liland		3.60 1.50	2.0 2.5	1 0	2 1⁄2	2 1⁄2	2
Collimator (AL01C II eL)	5730663			BIIIIC	5	lianu			_	-			
<ul> <li>Longitudinal Rails (134" to 228")</li> </ul>	46-316480G1 to 46-316480G24			DATE 1	1/16/20	20							
Overhead Tube Suspension As	ssembly with: [10]	82.6	26	36.3 / 107.1 [4]	927	Ceiling	INT						
2 Meter Bridge	5143542		CP/				2						
<ul> <li>Tube Support</li> </ul>	5135678-8		Y				0.	2.60	2.0	4			
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284							3.60 1.50	2.0 2.5	1 0	2 1⁄2	2 1⁄2	2
<ul> <li>Collimator (AL01C II eL)</li> </ul>	5730663			PA.		0)							
<ul> <li>Longitudinal Rails (134" to 228")</li> </ul>	46-316480G1 to 46-316480G24			ORNIAE	UILDIN	GCO							
Overhead Tube Suspension As	ssembly with: [6]	172.6	26.29	32 / 102.6 [4]	1170	Ceiling	UUT10 <sup>[6]</sup>						
OTS 4 Meter Bridge	5189123							0.00					
Tube Support	5135678-3							3.60 1.50	2.0 2.5	1	2 1⁄2	2 1⁄2	2
X-Ray Tube	46-155400G284								2.0	J			
Collimator (AL01C II)	5234954												
Overhead Tube Suspension As	ssembly with: [6]	83.875	25.8	32 / 102.6 [4]	880	Ceiling	UUT9 <sup>[6]</sup>						
OTS 2 Meter Bridge	5143542							0.00					
Tube Support	5135678-3							3.60 1.50	2.0 2.5	1 0	2 1⁄2	2 1⁄2	2
X-Ray Tube	46-155400G284								2.0	J			
<ul> <li>Collimator (AL01C II)</li> </ul>	5234954												



### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

# **GE Healthcare**

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#### TABLE 2:

System Optima XR64	46 HD / Discovery	XR656 HD											
	MODEL	APPR	OX. DIMENSI	ONS (IN.)	MAX. WT.								
COMPONENT	NUMBER	w	D	Н	(LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω₀
Overhead Tube Suspension As	sembly with: <sup>[9]</sup>	83.5	25.8	35.5 / 106.3 [4]	820	Ceiling	INT						
2 Meter Bridge	5693326				CODE								
Tube Support	5139720			EOR	CODE	Co.							
X-Ray Tube	46-155400G284			.20		MA							
Collimator (AL01C II eL)	5730663			NE				3.60	2.0	1			
<ul> <li>Longitudinal Rails (156" to 228")</li> </ul>	5340818		N.	O .	SHP	DN	7Z	1.50	2.5	0	2 1⁄2	2 1⁄2	2
<ul> <li>Longitudinal Rails (162" to 218")</li> </ul>	46-316480G8 to 46-316480G22		RF	0	SP-047	9	(m)						
or • Longitudinal Rails (228")	46-316480G24												
Overhead Tube Suspension As	sembly with: [9]	82.6	26	35.5/106.3 [4]	)th 885	Ceiling	INT						
<ul> <li>3 Meter Bridge</li> </ul>	5693325												
<ul> <li>Tube Support</li> </ul>	5139720				1/10/00	20							
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284			DATE: 1	1/16/20	20							
<ul> <li>Collimator (AL01C II eL)</li> </ul>	5730663						2	3.60	2.0	1			
<ul> <li>Longitudinal Rails (156" to 228")</li> </ul>	5340818		P		AL		201	1.50	2.5	0	2 1⁄2	2 1⁄2	2
<ul> <li>Longitudinal Rails (162" to 218")</li> </ul>	46-316480G8 to 46-316480G22			ORN		CODE							
or • Longitudinal Rails (228")	46-316480G24			A B	UILDIN	GUE							
Overhead Tube Suspension As	sembly with: [6]	120.5	25.8	35.5 / 106.3 [4]	885	Ceiling	UUT8 <sup>[6]</sup>						
Tube Support	5139720							0.00					
OTS 3 Meter Bridge	5693325							3.60 1.50	2.0 2.5	1 0	2 ½	2 1⁄2	2
<ul> <li>X-Ray Tube</li> </ul>	46-155400G284							1.00	2.0	Ŭ			
Collimator (AL01C II)	Type: 5234954												
PATIENT TABLES													
Radiographic Table w/	GCTBL-C3	95	36	20 - 34	838 [2]	Rigid Base	1812-1	2.40	2.0	1			-
• FlashPad HD 14 x 17 [7]	5771417	18	15	0.6	7.2			1.13	2.5	0	1	1 1⁄2	2
Radiographic Table w/	GCTBL-C3	95	36	20 - 34	838	Rigid Base	INT	2.40	2.0	1		4.1/	6
FlashPad HD 17 x 17	5771717	18	18	0.6	8.4	1		1.13	2.5	0	1	1 ½	2



### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

# **GE Healthcare**

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#### TABLE 2:

System Optima XR6	46 HD / Discover												
	MODEL	APPR	OX. DIMENSI	ONS (IN.)	MAX. WT.	Γ				Γ	Γ		
COMPONENT	NUMBER	w	D	н	(LB.)	MOUNT	BASIS <sup>[1]</sup>	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω0
Radiographic Table w/	GCTBL-C33	95	36	20 - 34	838 [2]	Rigid Base	SAME	2.40	2.0	1	1	1 1/2	2
FlashPad HD 14 x 17	5771417	18	15	0.6	7.2		AS 1812-1	1.13	2.5	0		1 72	2
Radiographic Table w/	GCTBL-C33	95	36	20 - 34	838	<b>Rigid Base</b>	INT	2.40	2.0	1	1	1 ½	2
<ul> <li>FlashPad HD 17 x 17</li> </ul>	5771717	18	18	0.6	8.4	MA		1.13	2.5	0	I	1 /2	2
Radiographic Table w/	GCTBL-C5	91.7	33	20.7 - 32.5	727	Rigid Base	INT	2.40	2.0	1	1	1 ½	2
FlashPad HD 14 x 17	5771417	18	15	0.6	7.2		Z	1.13	2.5	0	I	1 /2	2
Radiographic Table w/	GCTBL-C5	91.7	33	20.7 – 32.5	727 [3]	Rigid Base	1812-2	2.40	2.0	1	1	1 1/2	2
<ul> <li>FlashPad HD 17 x 17</li> </ul>	5771717	18	18	0.6	CD84/7	0	1812-2A	1.13	2.5	0		1 /2	2
WALLSTANDS						0							
Motorized Extended Wall Stand w/	GCEWS-C3	27	<u>65.7</u>	103.46	642	Rigid Base	181 <mark>2-8</mark>	2.40	2.0	1	1	1 ½	2
<ul> <li>FlashPad HD 17 x 17</li> </ul>	5771717-X	18	18	0.6	8.4		181 <mark>2-8A</mark>	1.13	2.5	0			
Motorized Extended Wall Stand w/	GCEWS-C3	27	65.7	103.46	642	Rigid Base	INT	2.40	2.0	1	1	1 ½	2
<ul> <li>FlashPad HD 14 x 17</li> </ul>	5771417	18	15	0.6	7.2			1.13	2.5	0			
Motorized Wall Stand w/	GCWS-C3	27	52.9	103.46	624.4	Rigid Base	INT	2.40	2.0	1		4.1/	
<ul> <li>FlashPad HD 17 x 17</li> </ul>	5771717	18	18	0.6	8.4		0	1.13	2.5	0	1	1 1⁄2	2
Motorized Wall Stand w/	GCWS-C3	27	52.9	103.46	624.4	Rigid Base	INT	2.40	2.0	1	1	1 ½	2
<ul> <li>FlashPad HD 14 x 17</li> </ul>	5771417	18	15	0.6	7.2	D O		1.13	2.5	0	I	1 72	2
Manual Wall Stand w/ [9	GCMWS-C5	27	40.1	103.43	537	Rigid Base	INT	2.40	2.0	1	1	1 ½	2
<ul> <li>FlashPad HD 17 x 17</li> </ul>	5771717	18	15	0.6	017.2			1.13	2.5	0		1 72	2
Manual Wall Stand w/ [9	GCMWS-C5	27	40.1	103.43	537	Rigid Base	1812-9	2.40	2.0	1	1	1 ½	2
<ul> <li>FlashPad HD 14 x 17</li> </ul>	5771417	18	15	0.6	7.2			1.13	2.5	0		1 72	2
SYSTEM CONTROL & PO	WER												
HP Z440 Workstation <sup>[4]</sup>	8770000-24	6.6	17.5	17	38.5	Rigid Base	1812-3	1.44 1.13	2.0 2.5	1 0	1	2 1⁄2	2
System Cabinet	GCC-C3	33.3	26	58	705	Wall/Floor	1812-4	1.44 1.13	2.0 2.5	1 0	1	2 1⁄2	2
AP Assembly w/	5720157	7.40	7.40	2.0	1.0		1010 5	2.40	2.0	1		4.1/	
Mounting Bracket	8778430	7.13	7.13	3.0	1.3	Wall	1812-5	1.13	2.5	0	1	1 1⁄2	2
Tether Interface Box (TIB)	5765910	5.7	10	12.2	13.4	Wall	1812-6	1.50 1.13	2.0 2.5	1	2 1/2	6	2



### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

# **GE Healthcare**

ATTACHMENT PAGE | 8 OF 8

#### TABLE 2:

Manufacturer	GE HEALTHCARE
System	Optima XR646 HD / Discovery XR656 HD
COMPONENT	MODEL         APPROX. DIMENSIONS (IN.)         MAX. WT.         Image: Model and the second
Mount	RIGID BASE: free-standing, base-mounted tower configuration with the component rigidly attached to a supporting structure and no lateral support above the base. <u>CEILING</u> : Equipment is anchored to, and suspended from, a rigid framing system at or slightly above the ceiling line of the room. <u>WALL/FLOOR</u> : equipment bears on, and may be anchored to, a supporting floor structure. In addition, lateral restraint anchoring the unit to an adjacent wall or other supporting structure provided along the height of the equipment. <u>WALL</u> : equipment is fully supported by a building wall structure.
Notes	<ol> <li>BASIS:         <ul> <li>UUT#: Indicates that a test specimen matching these characteristics was tested.</li> <li>SAME: Model is physically, mechanically &amp; electrically the same as test specimen. Difference is limited to model number, color, software and/or GE manufacturing location.</li> <li>INT (Interpolated or Extrapolated): indicates a model that was not specifically tested, and by which seismic certification is established through evaluation of testing of other, sim models in the product line.</li> </ul> </li> <li>Patient Table weight does not include the 705 lb. simulated patient load present during testing.</li> <li>Patient Table weight does not include the 551 lb. simulated patient load present during testing.</li> <li>Measured from top of longitudinal rail to focal point.</li> <li>All components in table are manufactured by GE Healthcare unless otherwise noted.</li> <li>Unit is not a component of the systems identified in this table. It is included here only to establish a basis for other models listed herein.</li> <li>Seismically certified units shall have the detector retention bracket present during testing installed when used with 14 x 17 detector.</li> <li>Components are common to all systems in this table, unless otherwise noted.</li> <li>Component of the XR646 system only.</li> </ol>





### ATTACHMENT 2: TEST SPECIMEN SUMMARY

# **GE Healthcare**

ATTACHMENT PAGE | 1 OF 11

Vertical-Axis

 $A_{RIG-V}$ 

0.54 0.68

UUT-1	Elevating Ta	ble					
MANUFACTURER:	GE Healthcare	<i>'</i>					
IDENTIFICATION:	Model: GCTBL-C2						
	Serial: 133632HL0				Kal	2 AV	X
DESCRIPTION:	System component Plus systems.	of Optima XR646 &	Discovery XR656	Contra de la contr			TA
	URP Detector (Mode installed.	el: 5340000-7) porta	ble digital detector		TE		5
MOUNTING:	Rigid Base (Floor) n	nounted using (4) – 1	½" dia GR 8 bolts	- 27	2	I	1
PROPERTIES:		- (	RCODEC			*	
	DIMENSIONS (in.)	COF.		LOW	EST RESONA	NT FREQUEN	ICY (Hz.)
Width	Depth	Height	Weight (lb.)	Front-Axis	Side	-Axis	Vertical-
94.5	36.7	19.7 min 33.5 max	705 + 706 patient	4.7	14	4.0	6.7
SHAKE TABLE T	EST PARAMETERS	Z I	OSP-0479				
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h l <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A
CBC 2016	ICC-ES AC156	2.0 2.5 BY:Tir	1.0 0.00thy J¹.₽ila	ind <sup>3.2</sup> 2.5	2.4 1.0	1.34 1.68	0
Unit maintained st	ructural integrity and re	mained functional p	er manufacturer require	ement.			
		DATE	11/16/2020				
UUT- 2	System Cabi	net					
MANUFACTURER:	GE Healthcare	T.		6		ALC: NO.	No. IL.

00. 2	System Cabi	ner			0			
MANUFACTURER:	GE Healthcare	P			0			A DELLAR
IDENTIFICATION:	Model: 5397035				4.		ARRENT OF	
	Serial: 135366HL3	P P	V.		CODI			1 1
DESCRIPTION:	System component o	f Optima XR64	46 & Disco	overy XR656 Plus	systems.			-
MOUNTING:	<ul> <li>Wall/Floor mounted to 3/16" steel bracket at</li> <li>(4) - ¼" self-tappin through 5/8" drywa</li> <li>(2) - M12 Bolts (P. (2) - 5/16" steel brack</li> <li>(3) - ¼" Tek screw</li> <li>(2) - M5-Class 8.8</li> <li>Prototype brackets P 5692807 (Top) &amp; P/N Unit bears on, but is</li> </ul>	top w/ ng, self-thread III to 4x16ga s /N 3212284) tr kets, one each rs through 5/8 screws (P/N /N 5343949 (3 1 5692809 (Sid	teel track o cabinet. o side. Ead " drywall to 5694430) 3-bracket s des)	backing plate in wa ch bracket secured o 4x16ga steel trac to cabinet. set). Production bra	all.   w/ ck backing plate i	in wall.		
PROPERTIES:								
	DIMENSIONS (in.)				LOV	VEST RESONA	NT FREQUE	NCY (Hz.)
Width	Depth	Height		Weight (lb.)	Side-Axis	Fron	t-Axis	Vertical-Axis
28	23.75	55.25		705		-		
SHAKE TABLE T	EST PARAMETERS							
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2 2.5	2.4 1.0	1.34 1.68	0.54 0.68
Unit maintained s	tructural integrity and re	mained function	onal per m	nanufacturer requir	ement.			

### ATTACHMENT 2: TEST SPECIMEN SUMMARY

EASE

ATTACHMENT PAGE | 2 OF 11

**GE Healthcare** 

UUT- 3	Wall Stand							
MANUFACTURER:	GE Healthcare	/			P			
IDENTIFICATION:	Model: GCWS-C1						) —	$\supset$
	Serial: 135195HL6				1	197		
DESCRIPTION:	System component Plus systems.	of Optima XR6	46 & Di	scovery XR656		01	12	
	URP Detector (Moc installed.	lel: 5340000-7)	portabl	e digital detector				
MOUNTING:	Rigid Base (Floor) r bolts	nounted using (	(4) – 5/8	3" dia grade 8				
PROPERTIES:			FO	RCUDEC				
	DIMENSIONS (in.)	, EL			LOW	EST RESONA	NT FREQUE	NCY (Hz.)
Width	Depth	Height		Weight (lb.)	Front-Axis	-	e-Axis	Vertical-Axis
27	52.91	103.46	~	596	8.4		.7	14.4
SHAKE TABLE T	EST PARAMETERS	2/	(	SP_0/70				
CODE	TEST CRITERIA	S <sub>DS</sub>	z/	n Ip	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0 2.5 BY	Ti 0.	othy J¹.Þila	and <sup>3.2</sup>	2.4 1.0	1.34 1.68	0.54 0.68
Unit maintained st	ructural integrity and r							
UUT- 4 MANUFACTURER:	Extended W GE Healthcare	all Stand		A.			-	
IDENTIFICATION:	Model: GCEWS-C1					1-	-	
	Serial: 135586HL6	P	A.		-00-	1		
DESCRIPTION:	System component Plus systems.	of Optima XR6	46 & Di	scovery XR656			17	2
	URP Detector (Moc installed.	lel: 5340000-7)	portabl	e digital detector	R.	ANI		
			(4) – 5/8	3" dia grade 8				LEE MAD
MOUNTING:	Rigid Base (Floor) r bolts	nounted using (						
MOUNTING: PROPERTIES:		nounted using (						
		nounted using (			LOWF	EST RESONA	NT FREQUE	NCY (Hz.)
	bolts	Height		Weight (lb.)	LOWI Front-Axis		NT FREQUEI	NCY (Hz.) Vertical-Axis
PROPERTIES:	DIMENSIONS (in.)					Side		
PROPERTIES: Width 27	DIMENSIONS (in.)	Height		Weight (lb.)	Front-Axis	Side	-Axis	Vertical-Axis
PROPERTIES: Width 27	DIMENSIONS (in.) Depth 65.67	Height		Weight (lb.) 618	Front-Axis 8.7	Side	-Axis	Vertical-Axis
PROPERTIES: Width 27 SHAKE TABLE T	DIMENSIONS (in.) Depth 65.67 EST PARAMETERS	Height 103.46		Weight (lb.) 618 n I <sub>P</sub> 0 1 5	Front-Axis	Side	a -Axis 3.3	Vertical-Axis 5.0

#### **ATTACHMENT 2: TEST SPECIMEN SUMMARY**

### **GE Healthcare**

ATTACHMENT PAGE | 3 OF 11

UUT- 5	Dongle Asse	embly						
MANUFACTURER:	GE Healthcare							
IDENTIFICATION:	Model: 5397317-X	/						
DESCRIPTION:	System component XR656 Plus system		(R646 & D	liscovery			1	6
MOUNTING:	Wall mounted using	(2) – #10 dia so	crews				()	
PROPERTIES:			-OR	CODEC				
	DIMENSIONS (in.)	20			LOV	VEST RESONA	NT FREQUEN	ICY (Hz.)
Width	Depth	Height		Weight (lb.)	Front-Axis	Side	e-Axis	Vertical-Axis
7	6.1	3.75	TO:	5.5	-7			
SHAKE TABLE T	EST PARAMETERS	Gi/						
CODE	TEST CRITERIA	SDS	z/h	SP-0479	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0 2.5	1.0	1.5	3.2	2.4 1.0	1.34 1.68	0.54 0.68
Unit maintained s	tructural integrity and re	mained function	nal per ma	anufacturer requir	ement.	0	4	
UUT- 6	Detector BIN	(Wall mot	unted)	/16/2020	) /			
MANUFACTURER:	GE Healthcare	0		4				
IDENTIFICATION:	Model: 5394348				12	1		
DESCRIPTION:	System component o Plus systems.	f Optima XR646	6 & Discov	very XR656	JAN /	F	+	
	URP Detector (Mode installed.	l: 5340000-7) p	ortable diç	gital detector G		M.		۲
MOUNTING:	Wall mounted using ( 1.25" o.d. fender was	3) – #10 hex wa her provided at	asher hea bottom co	d Tek screws. onnection point.		G		•
PROPERTIES:								
	DIMENSIONS (in.)				LOV	VEST RESONA	NT FREQUEN	ICY (Hz.)
Width	Depth	Height		Weight (lb.)	Front-Axis	s Side	e-Axis	Vertical-Axis
21	4.7	14.17		33				
SHAKE TABLE T	EST PARAMETERS		1					
	I						T	
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>

Unit maintained structural integrity and remained functional per manufacturer requirement.

ICC-ES AC156

2.0

2.5

CBC 2016

1.0

0.0

1.5

3.2

2.5

2.4

1.0

1.34

1.68

0.54

0.68

### **GE Healthcare**

ATTACHMENT PAGE | 4 OF 11

### EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

### ATTACHMENT 2: TEST SPECIMEN SUMMARY

JUT-7	Overhead T	ube Suppor	t for	' Opti	ma XR6	46 2-mete	er bri	idge		
MANUFACTURER:	GE Healthcare						Y		- Meh	100
DENTIFICATION:	See schedule belo	w								110
DESCRIPTION:	/	Model No.					1		and a second	
	Tube Support	5139720							N.	200
	OTS 2M Bridge	5693326				The second se		11/-		
	X-Ray Tube	46-155400G284					7	3/1		
	Collimator	AL01C II					6		-11/1	STIP.
	Longitudinal Rails	5340818					AL		J.J.	Call
	System componen	t of Optima XR646	syster	n.						11
10UNTING:	nuts w/ springs @	sing ½" dia bolts & ea. end & 26" o.c. 10 locations total) U	Typical	l ea. Lo	ngit. Rail. (5					
PROPERTIES:		/	-01	R C	DFA					
	DIMENSIONS (ir	ı.)	44			LO	WEST	RESONA	NT FREQUE	NCY (Hz.)
Width	Depth	Height		Wei	ght (lb.)	Transverse-		1	linal-Axis	Vertical-Axis
83.54	25.8	35.5 min. / 106.3 max		Sł	820	7.6		0	1.8	8.4
SHAKE TABLE 1	EST PARAMETERS	8	0	)SP-	0479		n			
CODE	TEST CRITERI	A S <sub>DS</sub>	z/	'n	IP	A <sub>FLX-H</sub>	A	RIG-H	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0 2.5 BY	Tina.		/  1 <b>.</b> 5  2	nd <sup>3.2</sup> 2.5		2.4 1.0	1.34 1.68	0.54 0.68
	tructural integrity and	remained function	al per r	manufac	cturer require	ment.	0	1.0	1.00	
			al per r	manufac	cturer require	ment.	0			
UUT- 8	Overhead T	remained function	al per r	manufac	cturer require	ment.	0			
<b>UUT- 8</b> MANUFACTURER:	Overhead T GE Healthcare	remained function	al per r	manufac	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION:	Overhead T GE Healthcare	remained function ube Support	al per r	manufac	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION:	Overhead T GE Healthcare See schedule bel	w w Model No.	al per r	manufac	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION:	Overhead T GE Healthcare See schedule bel Tube Support	w Model No. 5139720	al per r	manufac	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION:	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge	remained function ube Support ow Model No. 5139720 5693325	al per r	manufac	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION:	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube	remained function <b>ube Support</b> ow Model No. 5139720 5693325 46-155400G284	al per r	manufac	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION:	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube Collimator	remained function ube Support ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818	for C	Dptim	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION:	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube Collimator Longitudinal Rails	remained function ube Support ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818 t of Optima XR646 sing ½" dia bolts & ea. end & 26" o.c.	system Unistru Typical	n. tr P1010 ea. Lor	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION: DESCRIPTION:	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube Collimator Longitudinal Rails System componen Ceiling mounted us nuts w/ springs @	remained function ube Support ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818 t of Optima XR646 sing ½" dia bolts & ea. end & 26" o.c.	system Unistru Typical	n. tr P1010 ea. Lor	cturer require	ment.	0			
UUT- 8 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING:	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube Collimator Longitudinal Rails System componen Ceiling mounted us nuts w/ springs @	remained function <b>ube Support</b> ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818 t of Optima XR646 sing ½" dia bolts & ea. end & 26" o.c. T / 10 locations total	system Unistru Typical	n. tr P1010 ea. Lor	cturer require	ment. 3-meter br	idge		NT FREQUE	
UUT- 8 MANUFACTURER: IDENTIFICATION: DESCRIPTION:	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube Collimator Longitudinal Rails System componen Ceiling mounted us nuts w/ springs @ (5 locations ea. rail	remained function <b>ube Support</b> ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818 t of Optima XR646 sing ½" dia bolts & ea. end & 26" o.c. T / 10 locations total	system Unistru Typical	n. tt P1010 ea. Lor trut para	cturer require	ment. 3-meter br	idge	RESONAL		
UUT- 8 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES:	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube Collimator Longitudinal Rails System componen Ceiling mounted us nuts w/ springs @ (5 locations ea. rail	remained function ube Support ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818 t of Optima XR646 sing ½" dia bolts & I ea. end & 26" o.c. T / 10 locations total n.)	system Unistru Unistru Unistru	n. tt P1010 ea. Lor trut para	cturer require	ment. 3-meter br	idge	RESONAI	NT FREQUE	NCY (Hz.)
UUT- 8 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES: Width 120.5	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube Collimator Longitudinal Rails System componen Ceiling mounted us nuts w/ springs @ (5 locations ea. rail DIMENSIONS (in Depth	remained function ube Support ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818 t of Optima XR646 sing ½" dia bolts & ea. end & 26" o.c. T / 10 locations total n.) Height 35.5 min. / 106.3 max.	system Unistru Unistru Unistru	n. tt P1010 ea. Lor trut para	a XR646	ment. 3-meter br Content of the second sec	idge	RESONAI	NT FREQUE dinal-Axis	NCY (Hz.) Vertical-Axis
UUT- 8 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES: Width 120.5	Overhead T         GE Healthcare         See schedule bel         Tube Support         OTS 3M Bridge         X-Ray Tube         Collimator         Longitudinal Rails         System componen         Ceiling mounted us nuts w/ springs @ ( 5 locations ea. rail)         DIMENSIONS (ii)         Depth         25.8	remained function ube Support ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818 t of Optima XR646 sing ½" dia bolts & I ea. end & 26" o.c. T / 10 locations total h.) Height 35.5 min. / 106.3 max.	system Unistru Unistru Unistru	n. tt P1010 ea. Lor trut para	a XR646	ment. 3-meter br Content of the second sec	vest Axis	RESONAI	NT FREQUE dinal-Axis	NCY (Hz.) Vertical-Axis
UUT- 8 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES: Width 120.5 SHAKE TABLE	Overhead T GE Healthcare See schedule bel Tube Support OTS 3M Bridge X-Ray Tube Collimator Longitudinal Rails System componen Ceiling mounted us nuts w/ springs @ (5 locations ea. rail DIMENSIONS (in Depth 25.8	remained function ube Support ow Model No. 5139720 5693325 46-155400G284 AL01C II 5340818 t of Optima XR646 sing ½" dia bolts & I ea. end & 26" o.c. T / 10 locations total n.) Height 35.5 min. / 106.3 max. SDS 2.0	system Unistru Unistru Unistru (	n. tt P1010 ea. Lor trut para	a XR646 Dichannel ngit. Rail. Illel to rail.	ment. 3-meter br Conterior LOU Transverse- 4.9	idge	RESONAI Longitu	NT FREQUE dinal-Axis 3.9	NCY (Hz.) Vertical-Axis 18.1

### **GE Healthcare**

ATTACHMENT PAGE | 5 OF 11

### EASE & SEISMIC ENGINEERING ATTACHMENT 2: TEST SPECIMEN SUMMARY UUT-9

#### Overhead Tube Support for Discovery XR656 2-meter bridge

	MANUFACTURER:	GE Healthcare						
	IDENTIFICATION:	See schedule below	N.		1			
	DESCRIPTION:	/	Model No.		1			
		Tube Support	5135678-3		1			
		OTS 2M Bridge	5143542	1				
_		X-Ray Tube 46-155400G284						
		Collimator	5234954		1			
		Longitudinal Rails	5340818		1			
		System component	t of Discovery XR656 Plus	s system.	1			
	MOUNTING:	w/ springs @ ea. e	ing ½" dia bolts & Unistru nd & 26" o.c. Typical ea. L ail / 10 locations total). Un	ongitudinal Rail.	]			
	PROPERTIES:		-0	RCODE				
		DIMENSIONS	(in.)		1h			
	Width	Depth	Height	Weight (lb.)	Transve			
	83.875	25.8	32 min. / 102.6 max.	131 <sub>880</sub> D	3.			
	SHVKE TVBI E	TEST DADAMETED						

EQUIPMENT ANCHORAGE



	DIMENSIONS (in.)	63		WWWWWWW	LOW	/EST RESONA	NT FREQUEN	ICY (Hz.)
Width	Depth	Height	We	ight (lb.)	Transverse-A	xis Longitu	udinal-Axis	Vertical-Axis
83.875	25.8	32 min. / 102.6 max	USł	880	3.3		3.5	4.0
SHAKE TABLE T	EST PARAMETERS	2	OSP.	-0479		1		
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	IP	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0 2.5 BY:	Timoth	r J¹⊅ila	nd 2.5	2.4 1.0	1.34 1.68	0.54 0.68

UUT- 10	Overhead T	ube Support for Discovery XR	R656 4 meter bridge
MANUFACTURER:	GE Healthcare	T.	600000
IDENTIFICATION:	See schedule belo	w.	
DESCRIPTION:		Model No.	Dr.
	Tube Support	5135678-3	
	OTS 4M Bridge	5189123	MR
	X-Ray Tube	46-155400G284	
	Collimator	5234954	11-2-
	Longitudinal Rails	5340818	
	System componen	t of Discovery XR656 Plus system.	
MOUNTING:	nuts w/ springs @	sing ½" dia bolts & Unistrut P1010 channel ea. end & 26" o.c. Typical ea. Longit Rail. (6 12 locations total) Unistrut parallel to rail.	T
PROPERTIES:			

	DIMENSIONS (in.)				LO	WEST R	RESONA	NT FREQUEI	NCY (Hz.)
Width	Depth	Height	١	Weight (lb.)	Transverse-	Axis	Longitu	dinal-Axis	Vertical-Axis
157	26.29	32 min. / 102.6 max		1170	1.7	1.7 3.2		3.2	4.3
SHAKE TABLE T	EST PARAMETERS								
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	IP	A <sub>FLX-H</sub>	A <sub>R</sub>	IG-H	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2 2.5		.4 .0	1.34 1.68	0.54 0.68



### ATTACHMENT 2: TEST SPECIMEN SUMMARY

**GE Healthcare** 

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UUT- 11	Detector Bin						
MANUFACTURER:	GE Hualun Medical	Systems, Co. Ltd					
IDENTIFICATION:	Model: 5394348					0	>
	Serial: 300752382-1	84-04			-	+	
DESCRIPTION:	System component Plus systems.	of Optima XR646 & D	Discovery XR656				
	URP Detector (Mod installed. 5 lb. of sto	el: 5340000-7) portab rage load added.	le digital detector			Healthcare	
MOUNTING:		Mounted using (6) – ¼ te screws to tapped he					
PROPERTIES:		E FO	R CODE CC	71.			
	DIMENSIONS (in.)	NED		LOWE	STRESONA		NCY (Hz )
Width	Depth	Height	Weight (lb.)	Front-Axis		de-Axis	Vertical-Axis
21	4.7	14.17	33	1.2		30.8	14.7
	EST PARAMETERS		)SP-0479			00.0	
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h l <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0	1.0 0.9thy J 1.5ila	nd <sup>3.2</sup> 2.5	2.4 1.0	1.34	0.54
				2.5	1.0	1.68	0.68
Unit maintained s	tructural integrity and re				1.0	1.68	0.68
Unit maintained s	tructural integrity and re				1.0	1.08	0.68
Unit maintained s	tructural integrity and re	mained functional pe			1.0	1.68	0.68
		mained functional pe			1.0	1.68	0.68
UUT-1435-2	HP Z420 NM	mained functional per DATE: HOST			1.0	1.08	0.68
UUT-1435-2 MANUFACTURER:	HP Z420 NM Hewlett Packard	mained functional per DATE: HOST				1.08	0.68
UUT-1435-2 MANUFACTURER:	HP Z420 NM Hewlett Packard Model No. 5370540 System component Medicine Imaging S	PATE A HOST 20 of Discovery NM/CT 6	r manufacturer require			1.08	0.68
UUT-1435-2 MANUFACTURER: IDENTIFICATION:	HP Z420 NN Hewlett Packard Model No. 5370540 System component Medicine Imaging S Component common systems. Rigid Base (Floor) M Computer strapped	emained functional per DATE DATE DATE DATE DATE DATE DATE DATE	r manufacturer require			1.05	0.68
UUT-1435-2 MANUFACTURER: IDENTIFICATION: DESCRIPTION:	HP Z420 NN Hewlett Packard Model No. 5370540 System component Medicine Imaging S Component common systems. Rigid Base (Floor) M Computer strapped Base anchored to in bolts & washers. PC secured to mour	amained functional per DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: DATE: D	r manufacturer require			1.08	0.68
UUT-1435-2 MANUFACTURER: IDENTIFICATION: DESCRIPTION:	HP Z420 NN Hewlett Packard Model No. 5370540 System component Medicine Imaging S Component common systems. Rigid Base (Floor) M Computer strapped Base anchored to in bolts & washers. PC secured to mour	Antiped functional per THOST Antiped functional per DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE	r manufacturer require			1.05	0.68
UUT-1435-2 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING:	HP Z420 NN Hewlett Packard Model No. 5370540 System component Medicine Imaging S Component common systems. Rigid Base (Floor) M Computer strapped Base anchored to in bolts & washers. PC secured to mour	Antiped functional per THOST Antiped functional per DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE	r manufacturer require	ment.		1.08	
UUT-1435-2 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING:	HP Z420 NN Hewlett Packard Model No. 5370540 System component Medicine Imaging S Component common systems. Rigid Base (Floor) M Computer strapped Base anchored to in bolts & washers. PC secured to mour Mounting bracket &	Antiped functional per THOST Antiped functional per DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE	r manufacturer require	ment.	ST RESONA		

SHAKE TABLE TE	EST PARAMETERS							
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h	I <sub>P</sub>	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.2 2.5	2.4 1.0	1.34 1.68	0.54 0.68
I Init maintained st	ructural integrity and re	mained functio	nal ner man	ufacturer require	omont			

Unit maintained structural integrity and remained functional per manufacturer requirement



# **GE Healthcare**

#### ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT1812-1	Radiographic	: Table w/ Flash	Pad HD 14 x 17			
MANUFACTURER:	GE Hualun Medical	Systems, Co. Ltd				
IDENTIFICATION:	Model: GCTBL-C3 Serial: SEIS TBL-0	1				
DESCRIPTION:	Optima XR646 HD	/ Discovery XR656 HD	system component.			- IR
	Simulated Patient L Detector: GE Flash Model No.: 577141 X-Ray Grid (Anti-So GE P/N: 46-286129 Detector tray includ part of the standard the tray during test.	ed to as "Global G3 Ta .oad: 320 kg. = 706 lb. Pad HD 3543 wireless 7-ENG; Serial No.: 317 catter Grid) 120cm by N 0P74 led a retention bracket, I mfd product, to secure Bracket must be remo stalled when 14x17 def	removable detector 736417E1502 Mitaya Mfg. Co.Ltd. which GE states is e 14x17 detector to oved to exchange			
MOUNTING:		Mounted using (4) – 1/2 oped holes in aluminum		C. C.		
	DIMENSIONS (ir	I.)		LOWEST	RESONANT FREQU	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Front (X) - Axis	Side (Y) - Axis	Vert (Z) - Axis
95	36	20 - 34	838	2.12	37.87	8.01
ICC-ES AC156 SH	AKE TABLE TEST PA	RAMETERS		16		CODE: 2016 CBC
S <sub>DS</sub> (G)	z/h	lp	$OSA_{FLX-H}$ (G) 9	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit satisfied AC15	6 requirements for str	uctural integrity and ma	anufacturer requiremen	ts for functionality afte	r AC156 test.	•

### UUT1812-2 Radiographic Patient Table w/ FlashPad HD 17 x 17 (w/ detector tray release latch screws) UUT1812-2A Radiographic Patient Table w/ FlashPad HD 17 x 17 (w/ detector tray release latch screws)

MANUFACTURER:	GE Hualun Medical S	s <mark>ystems,</mark> Co. Ltd		27		
IDENTIFICATION:	Model: GCTBL-C5 Serial: Seis TBL-02	FORNIA				
DESCRIPTION:	Optima XR646 HD / I	Discovery XR656 HD s	system component.			No Pas
MOUNTING:	Simulated patient loa Detector: GE FlashPa Model no.: 5781717- X-Ray Grid (Anti-Sca GE P/N: 46-286129P Rigid Base (Floor) Mo	ad HD 4343 wireless, i 2-ENG; Serial no.: 318 tter Grid) 110cm by Mi	removable detector 23717E2437 itaya Mfg. Co.Ltd. ' dia. SAE J429			State State
	DIMENSIONS (in.)			LOWEST	RESONANT FREQUE	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Front (X) - Axis	Side (Y) - Axis	Vert (Z) - Axis
91.7	33	20.7 - 32.5	726.5	5.06	3.39	7.81
ICC-ES AC156 SH	AKE TABLE TEST PAR	AMETERS				CODE: 2016 CBC
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)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit satisfied AC15	6 requirements for struc	tural integrity and mar	ufacturer requiremer	nts for functionality afte	er AC156 test.	



### ATTACHMENT 2: TEST SPECIMEN SUMMARY

# **GE Healthcare**

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UUT1812-3	HP Z440 Wor	kstation					
MANUFACTURER:	Hewlett Packard (H	IP)					
IDENTIFICATION:	Model: 8770000-24 Serial: 4CV813W6	- /			-		
DESCRIPTION:	Optima XR646 HD	/ Discovery XR656 HD	) system component.		11		
	HP Z440 Workstat NVIDIA K2200 Dual Port Canbus Single Port Adapte NIC: 350-T2 & 350	r	3UC#AB2				
MOUNTING:	Grade 8 bolts throu in aluminum plate. PC secured to more	Mounted using $(4) - 3d$ ugh steel mounting bra unting bracket with $(2) \cdot 4$ straps provided by G	cket to tapped holes - 1" wide straps.				
	DIMENSIONS (in	n.)		LOWEST	RESONANT FREQU	ENCY (Hz.)	
Width	Depth	Height	Weight (lb.)	Front (X) - Axis	Side (Y) - Axis	Vert (Z) - Axis	
6.6	17.5	17	34.0 w/ bracket	11.2	30.4	16.6	
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				6		CODE: 2016 CBC	
S <sub>DS</sub> (G)	z/h	<b>₽</b> I <sub>P</sub>	OSAFLX-H (G) 9	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)	
2.0 2.5	1 0	1.5	3.2 Bila	2.4	1.68	0.68	
Unit satisfied AC15	6 requirements for str	uctural integrity and m	anufacturer requiremen	its for functionality afte	r AC156 test.		

UUT1812-4	System Cabine	et 🚺 DATE: 1	11/16/2020			
MANUFACTURER:	GE Hualun Medical S	ystems, Co. Ltd		2		
IDENTIFICATION:	Model: GCC-C3 Serial: Seis Cab-01	Y				
DESCRIPTION:	Optima XR646 HD / D	Discovery XR656 HD s	ystem component.	ODE .		
MOUNTING:	<ul> <li>metal (Tek) screw. track backing plate</li> <li>(2) – M12 Bolts (P</li> <li>(2) – 5mm steel brack</li> <li>bracket secured w/</li> <li>(3) – ¼" self-tappin metal (Tek) screw. track backing plate</li> <li>(2) – M5-Class 8.8</li> </ul>	N 5692807) at top w/ ng, self-threading, hex s through 5/8" drywall e in wall. /N 3212284) to cabine et (P/N 5692809), one ng, self-threading, hex s through 5/8" drywall	to 4x16ga steel t. e each side. Each washer head sheet to 4x16ga steel 0) to cabinet.			
	DIMENSIONS (in.)	1		LOWEST	RESONANT FREQUE	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Front (X) - Axis	Side (Y) - Axis	Vert (Z) - Axis
33.3	26	58	705 – reported 679 – measured	12.93	9.4	17.58
ICC-ES AC156 SH	AKE TABLE TEST PAF	RAMETERS				CODE: 2016 CBC
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)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit satisfied AC15	6 requirements for struc	tural integrity and mar	nufacturer requirement	ts for functionality afte	r AC156 test.	



#### ATTACHMENT 2: TEST SPECIMEN SUMMARY

# **GE Healthcare**

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UUT1812-5		w/ Mounting B	racket			
MANUFACTURER:	Aruba Networks, Inc			the state of the second state		
IDENTIFICATION:	Model: 5720157 (GE					1
	Serial: CNBXHHB2	/		- 114		in.
DESCRIPTION:	Optima XR646 HD /	Discovery XR656 HD	system component			III
		E Model No.: 5778430				
		int Aruba Model No.: A			onthe	
					NETWORKS	
MOUNTING:		Nounted using (4) – #8		Million Million	A CONTRACTOR OF	
		er head sheet metal (T ga steel track backing p		A. A		
				- ( ,	1	
			RCODE	72.	X	
	DIMENSIONS (in	) OFC		LOWEST	RESONANT FREQU	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Front (X) - Axis	Side (Y) - Axis	Vert (Z) - Axis
7.125	7.125	3	1.4	Ŧ		
ICC-ES AC156 SH	AKE TABLE TEST PA	RAMETERS				CODE: 2016 CBC
S <sub>DS</sub> (G)	z/h		SAFLX-H (G) 9	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit satisfied AC15	6 requirements for s <mark>tru</mark>	ctural integrity and man	nufacturer requirement	<mark>s for functionality afte</mark>	r AC156 test.	
			4 / / 4 0 / 0 0 0 0			
UUT1812-6	Tether Interfa	ce Box (TIB) E	11/16/2020			
MANUFACTURER:	GE Hualun Medical	Systems, Co. Ltd	-	12	- Alto	- Al
IDENTIFICATION:	Model: 5765910 Serial: None	Y-IRON				
DESCRIPTION:	Optima XR646 HD /	Discovery XR656 HD	system component.		6	
	Tether stored in box	during test.	BUILDING	AL AL	1 0	$\mathcal{D}$
					1 -	2
MOUNTING:	threading, hex wash	Nounted using (2) – ¼" her head sheet metal (T ga steel track backing p	ek) screws through	-6		

	DIMENSIONS (in.)			LOWEST	RESONANT FREQU	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Front (X) - Axis	Side (Y) - Axis	Vert (Z) - Axis
10	5.7	12.2	13.4			
ICC-ES AC156 SHA	KE TABLE TEST PAR	AMETERS				CODE: 2016 CBC
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)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
Unit satisfied AC156	requirements for struc	tural integrity and ma	anufacturer requireme	nts for functionality afte	r AC156 test.	•



# **GE Healthcare**

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#### ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT1812-7	Overhead Tube Suspension (OTS) w/ 4m Bridge						
MANUFACTURER:	GE Hualun Medica	I Systems, Co. Ltd					
IDENTIFICATION:	Model: See Below					1 August	
DESCRIPTION:		ID system component.		1.30/20			
DESCRIPTION.	Discovery AR0301	ib system component.					
	Component		Model No.			1	
	4 Meter Bridge		5189123 5135678-7			5 TO DA	
	Tube Support					SAL PSIC	
	X-Ray Tube		46-155400G284	4278/			
	Collimator (AL01C II eL)		5739663	The is a s		SALE-	
	Longitudinal Rails	(134")	46-316480G1				
MOUNTING:	nuts w/ springs @	sing ½" dia bolts & Unisi ea. end & 26" o.c. Typic ach rail / 12 locations to	al ea. Longitudinal				
	DIMENSIONS (ir	1.)		LOWEST	RESONANT FREQU	ENCY (Hz.)	
Width	Depth	Height	Weight (lb.)	Front (X) - Axis	Side (Y) - Axis	Vert (Z) - Axis	
172.6	26.3	36.3 / 107.1 <sup>[4]</sup>	1092	Ŧ			
ICC-ES AC156 SH/	AKE TABLE TEST PA	RAMETERS		13/		CODE: 2016 CBC	
S <sub>DS</sub> (G)	z/h	<b>A</b> I <sub>P</sub>	SA <sub>FLX-H</sub> (G) 9	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)	
2.0 2.5	1 0	1.5	3.2 Dila	2.4	1.68	0.68	
Unit satisfied AC156	6 requirements for str	uctural integrity and ma	nufacturer requiremen	ts for functionality afte	er AC156 test.		

#### UUT1812-8 Motorized Extended Wall Stand w/ FlashPad HD 17 x 17 (w/ detector tray release latch screws) UUT1812-8A Motorized Extended Wall Stand w/ FlashPad HD 17 x 17 (w/o detector tray release latch screws)

MANUFACTURER:	GE Hualun Medical S	Systems, Co. Ltd		0		
IDENTIFICATION:	Model: GCEWS-C3 Serial: Seis Ex WS-0			CODE! (		
DESCRIPTION:	Optima XR646 HD /	Discovery XR656 HD	system component.			
MOUNTING:	Detector: FlashPad H Model No.: 5781717- X-Ray Grid (Anti-Sca GE P/N: 46-286129F Grid holder tray inclu which is not part of th within tray during tes Rigid Base (Floor) M	2-ENG; Serial No.: 3 tter Grid) 130cm by N 75 ded a supplemental I he standard mfd prod t. bunted using (4) – 5/4	1825717E2451 Mitaya Mfg. Co.Ltd. atching mechanism, uct, to secure grid 8" dia. SAE J429			
	Grade 8 bolts to tapp		n plate.			
	DIMENSIONS (in.)			LOWEST	RESONANT FREQU	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Front (X) - Axis	Side (Y) - Axis	Vert (Z) - Axis
27	65.7	103.46	642	3.75	8.05	6.97
ICC-ES AC156 SHA	KE TABLE TEST PAR	AMETERS				CODE: 2016 CBC
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)
2.0 2.5	1 0	1.5	3.2	2.4	1.68	0.68
		•				



ATTACHMENT 2: TEST SPECIMEN SUMMARY

# **GE Healthcare**

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#### UUT1812-9 Manual Extended Wall Stand w/ FlashPad HD 14 x 17 MANUFACTURER: GE Hualun Medical Systems, Co. Ltd IDENTIFICATION: Model: GCMWS-C5 Serial: Seis Ma WS-01 DESCRIPTION: Optima XR646 HD system component. Detector: GE FlashPad HD 3543 wireless, removable detector Model No.: 5771417; Serial No.: 31736417E1502 X-Ray Grid (Anti-Scatter Grid) 120cm by Mitaya Mfg. Co.Ltd. GE P/N: 46-286129P74 Detector tray included a retention bracket, which GE states is part of the standard mfd product, to secure 14x17 detector to the tray during test. Bracket must be removed to exchange detectors and re-installed when 14x17 detector is used. Grid holder tray included a supplemental latching mechanism, which is not part of the standard mfd product, to secure grid within tray during test. Rigid Base (Floor) Mounted using (4) - 5/8" dia. SAE J429 MOUNTING: Grade 8 bolts to tapped holes in aluminum plate. DIMENSIONS (in.) LOWEST RESONANT FREQUENCY (Hz.) Vert (Z) - Axis Width Depth Height Weight (lb.) Front (X) - Axis Side (Y) - Axis 27 40.4 103.46 537 9.72 9.49 >50 ICC-ES AC156 SHAKE TABLE TEST PARAMETERS '-()4/ CODE: 2016 CBC S<sub>DS</sub> (G) z/h $I_{P}$ A<sub>FLX-H</sub> (G) A<sub>RIG-H</sub> (G) A<sub>FLX-V</sub> (G) A<sub>RIG-V</sub> (G) 2.0 1 1.5 NV3.2 2.4 1.68 0.68 2.5 0 Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

