



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

APPLICATION FOR HCAI SPECIAL SEISMIC  
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0526

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: AGFA NV

Manufacturer's Technical Representative: Stefan Stallmeister

Mailing Address: Septestraat 27, 2640 Mortsel, Belgium

Telephone: +49 89 6207 3170

Email: stefan.stallmeister@agfa.com

Product Information

Product Name: DR 800

Product Model Number(s): See Attachment 1

Product Category: Fluoroscopy and Radiography Systems

Product Sub-Category: Fluoroscopy and Radiography Systems

General Description: Multiple component digital radiography medical diagnostic imaging system. The DR 800 is an X-ray modality. It is designed for general radiography and dynamic applications.

Mounting Description: See Attachment 1

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

Applicant Information

Applicant Company Name: EASE Co.

Contact Person: Jonathan Roberson

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

Telephone: (909) 606-7622

Email: j.roberson@easeco.com

Title: Principal Structural Engineer



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

Company Name: EASE LLC

Name: Jonathan Roberson

California License Number: S4197

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

Telephone: (951) 295-1892

Email: jon@EASECo.com

**Certification Method**

☐ GR-63-Core

☒ ICC-ES AC156

☐ IEEE 344

☐ IEEE 693

☐ NEBS 3

☐ Other (Please Specify): \_\_\_\_\_

**Testing Laboratory**

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)

Contact Person: Jeremy Lange

Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513

Telephone: (972) 247-9657

Email: jeremy@etldallas.com

BY: Timothy J. Piland

DATE: 08/22/2025



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Seismic Parameters

Design Basis of Equipment or Components ( $F_p/W_p$ ) =	See Attachment 1
Sds (Design spectral response acceleration at short period, g) =	2.00 ( $z/h = 1$ ); 2.50 ( $z/h = 0$ )
$a_p$ (Amplification factor) =	See Attachment 1
$R_p$ (Response modification factor) =	See Attachment 1
$\Omega_0$ (System overstrength factor) =	See Attachment
$I_p$ (Importance factor) =	1.5
$z/h$ (Height ratio factor) =	0 and 1
Natural frequencies (Hz) =	See Attachment 2
Overall dimensions and weight =	See Attachment 1

HCAI Approval (For Office Use Only) - Approval Expires on 08/22/2031

Date:	8/22/2025		
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):			

**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

ATTACHMENT PAGE | 1 OF 5

**TABLE 1:**

SYSTEM MFR.	AGFA NV												
SYSTEM	DR 8006010/200 [7]												
COMPONENT	ID NUMBER [7] [8] [9] [10]	APPROX. DIMENSIONS [IN]			MAX. WT. [LB]	MOUNT	BASIS [1]	Fp/Wp	SDs	z/h	ap	Rp	Ω0
		W	D	H									
PATIENT TABLE													
Table Unit (GMM), including:	6010/050 [5]	94.49	64.45	116.34	1959 [2]	Rigid Base	1805-17	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
DR 800 TUBE (IAE)	RTC 1000 HS												
Collimator (Ralco)	R 302MLP/A												
DAP Monitor (VacuTec)	VacuDAP 2004												
DR 800 FLFS Overlay	6001/300												
DR 800 Dynamic Detector (Thales)	Pixium 4343FL												
X-RAY TUBE SUSPENSION													
DR 800 OCT MANUAL CEILING SUSPENSION (GMM), including:	6010/400	200.79	118.11	90.2	619	Ceiling	1805-8	3.60 1.50	2.0 2.5	1 0	2 ½	2 ½	2
DR 800 OTC LONGI. RAILS EXT. TO 510CM	6010/670												
DR 800 OCT SWAN NECK XRAY ASSEMBLY SUPRT	6010/620												
DR 800 OCT COLLIMATOR ROTATION	6010/740												
DR 800 OCT MAN. COLLIM. WITH LSR + FILT (RALCO)	R302/A												
DR 800 OCT MANUAL CEILING SUSPENSION (GMM), including:	6010/400	200.79 – 338.58	118.11 – 149.61 [4]	90.2 – 108.88	619 - 640	Ceiling	INT	3.60 1.50	2.0 2.5	1 0	2 ½	2 ½	2
DR 800 OTC LONGI. RAILS 510CM or 580CM or 720CM or 860CM	6010/670 6010/680 6010/690 6010/710												
DR 800 OCT SWAN NECK XRAY ASSEMBLY SUPPORT	6010/620 [11]												
DR 800 WS VERTICAL TRAVEL UP TO 180 CM	6010/660 [11]												
DR 800 OCT COLLIMATOR ROTATION	6010/740												
DR 800 OCT MAN. COLLIM. WITH LSR + FILT (RALCO)	R302/A												

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**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

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**TABLE 1:**

SYSTEM MFR.	AGFA NV												
SYSTEM	DR 8006010/200 [7]												
COMPONENT	ID NUMBER [7] [8] [9] [10]	APPROX. DIMENSIONS [IN]			MAX. WT. [LB]	MOUNT	BASIS [1]	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω <sub>0</sub>
		W	D	H									
DR 800 OCT MANUAL CEILING SUSPENSION (GMM), including:	6010/400	338.58	149.61	109.88	640	Ceiling	1805-11	3.60 1.50	2.0 2.5	1 0	2 ½	2 ½	2
DR 800 OCT LONGI. RAILS EXT. TO 860CM	6010/710												
DR 800 WS VERTICAL TRAVEL UP TO 180 CM	6010/660												
DR 800 OCT COLLIMATOR ROTATION	6010/740												
DR 800 OCT MAN. COLLIM. WITH LSR + FILT (RALCO)	R302/A												
WALL STANDS													
DR 800 WS WALL STAND (GMM), including:	6010/700 [5]	23.43	12.2	87.56	297.68	Wall / Floor	1805-9	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
DR 14s C Detector Pixium Portable 3543EZ (THALES)	PIXIUM 3543 EZ-C	15.14	18.13	0.63	7								
DR 800 WS TILTING WALL STAND (GMM), including:	6010/800 [5]	25.8	33.7	29.9	416	Wall / Floor	1805-12	2.40 1.13	2.0 2.5	1 0	1	1 ½	1 ½
DR 800 WS Tilting WS Arm Support	6010/640												
DR 14s C Detector Pixium Portable 3543EZ (THALES)	PIXIUM 3543 EZ-C												
SYSTEM CONTROL													
NX-MW21 DR 800 High Performance PC (Dell)	(XE7MC) [6]	8.5	21	17	41.5	Rigid Base	1805-6	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
NX-MW21 DR 800 High Performance PC (Dell)	(XJK40) [6]	8.5	21	17	41.5	Rigid Base	SAME (1805-6)	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Z6 High Performance PC (HP)	(MAEA03) [6]	6.65	18.31	17.52	29.8	Rigid Base	1805-18	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
DICOM Widescreen Touch Monitor (BARCO)	MDRC-2222 [6]	20.24	2.64	12.4	14.33	Countertop	1805-7	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Positioner Console	6010/050 [5] (console)	19.7	11	5.9	12.5	Countertop	1805-14	1.44 1.13	2.0 2.5	1 0	1	2 ½	2

Table continues next page

**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

ATTACHMENT PAGE | 3 OF 5

**TABLE 1:**

SYSTEM MFR.	AGFA NV												
SYSTEM	DR 8006010/200 [7]												
COMPONENT	ID NUMBER [7] [8] [9] [10]	APPROX. DIMENSIONS [IN]			MAX. WT. [LB]	MOUNT	BASIS [1]	Fp/Wp	Sds	z/h	ap	Rp	Ω0
		W	D	H									
Positioning Cabinet	6010/050 [5] (cabinet)	23.62	13.39	77.25	387.5	Wall/Floor	1805-2	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
DR 800 Sync Cabinet, including	6010/300 [6]	20	19.5	13	117	Wall/Floor	1805-5	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
DR 800 Sync Cabinet Floor Mount Kit	6010/310												
DR-800 Sync Cabinet, including:	6010/300 [6]	20	19.5	13	117	Wall	1805-13	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
DR-800 Sync Cabinet Wall Mount Kit	6010/320												
POWER DISTRIBUTION													
Generator (80kW) (CPI), including:	INDICO [6] IQ RF 80kW VZW2558FD822	20	16.14	41.46	200.62	Wall/Floor	1805-4	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
DR 800 Generator Dual Tube Support	6010/410												
DR 800 Generator High Speed Starter	6010/420												
Generator (65kW) (CPI), including	INDICO [6] IQ RF 65kW VZW2558FD822	20	16.14	41.46	200.62	Wall/Floor	SAME (1805-4)	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
DR 800 Generator Dual Tube Support	6010/410												
DR 800 Generator High Speed Starter	6010/420												
Generator (50kW) (CPI), including:	INDICO [6] IQ RF 50kW VZW2558FD822	20	16.14	41.46	200.62	Wall/Floor	SAME (1805-4)	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
DR 800 Generator Dual Tube Support	6010/410												
DR 800 Generator High Speed Starter	6010/420												

Table continues next page



**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

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**TABLE 1:**

SYSTEM MFR.	AGFA NV												
SYSTEM	DR 8006010/200 [7]												
COMPONENT	ID NUMBER [7] [8] [9] [10]	APPROX. DIMENSIONS [IN]			MAX. WT. [LB]	MOUNT	BASIS [1]	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	R <sub>P</sub>	Ω <sub>0</sub>
		W	D	H									
MISC													
DR 800 UPS EATON 2200 (110V) (EATON)	9PX 2000RT [6]	3.41	17.32	23.82	62.5	Rigid Base	1805-3						
Dual Monitor Suspension (single column) (Mavig), including:		98.4	12.0	64	192	Ceiling	1805-10	3.60 1.50	2.0 2.5	1 0	2 ½	2 ½	2
Ceiling Track	TS1001												
Column with Carriage	TS2031												
Dual Monitor Support	GD4220												
Lead Screen Ceiling Suspension	OT80002												
Portegra 2 extension / Spring Arm	E-OT95 70120												
DICOM Widescreen Touch Monitor (x2) (BARCO)	MDRC-2222												
WLS COMP PACK US (Wireless Access Point) (ARUBA)	IAP-207	5	2.75	6	1	Wall	1805-15	1.44 1.13	2.0 2.5	1 0	1	2 ½	2
Keyboard (HP)	KB-1469 [6]	17.25	0.75	5.5	1.3	Countertop	1805-16	1.44 1.13	2.0 2.5	1 0	1	2 ½	2

Table continues next page

**ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

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**TABLE 1:**

SYSTEM MFR.		AGFA NV												
SYSTEM		DR 800 6010/200 [7]												
COMPONENT		ID NUMBER [7] [8] [9] [10]	APPROX. DIMENSIONS [IN]			MAX. WT. [LB]	MOUNT	BASIS [1]	Fp/Wp	SDS	z/h	ap	Rp	Ω0
			W	D	H									
MOUNT		<p><u>Rigid Base (Floor)</u>: free-standing, base-mounted tower configuration with the component rigidly attached to a supporting structure and no lateral support above the base.</p> <p><u>Wall/Floor</u>: combined rigid base and rigid wall mount configuration; base of unit bears on and anchored to attached to a supporting structure with lateral support above the base at a wall.</p> <p><u>Ceiling</u>: equipment is anchored to, and suspended from, a rigid framing system at or slightly above the ceiling line of the room.</p> <p><u>Countertop</u>: equipment is base mount anchored to a built-in countertop or similar horizontal surface providing a fixed, rigid support.</p>												
NOTES		<p>1. BASIS:</p> <ul style="list-style-type: none"><li>• UUT#: Indicates that a unit matching these characteristics was tested as part of this testing program.</li><li>• INT (Interpolate/Extrapolate): indicates a model not specifically tested, and by which seismic certification is established through evaluation of testing of other, similar models in the product line</li><li>• SAME: Model is physically, mechanically, and electrically the same as the test specimen, except possibly for model number, color, and/or software.</li></ul> <p>2. Patient table weight does not include the 467 lb. patient load present during testing.</p> <p>3. All components are manufactured by AGFA NV, unless otherwise noted.</p> <p>4. X-Ray Tube Suspension dimension includes the length of longitudinal rails, which may vary.</p> <p>5. Unit included modifications to the standard production unit. These modifications are collected in GMM DR 800 Earthquake Kit P/N 90342 and are necessary conditions for seismic certification.</p> <p>6. Unit included modifications to the standard production unit. These modifications are collected in AGFA DR 800 Earthquake Kit P/N ((A621669)) and are necessary conditions for seismic certification.</p> <p>7. ##### / ### represents an AGFA "Type No."</p> <p>8. ##### represents the OEM's identification number</p> <p>9. (ABCDE) represents an AGFA "ABC Code" identification number</p> <p>10. ((A#####)) represents an AGFA "P/N" identification number</p> <p>11. This component is configurable and can be included or not in the interpolated configuration.</p>												



**ATTACHMENT 2: TEST SPECIMEN SUMMARY**


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UUT-1805-2 DR 800 POSITIONING CABINET						
Manufacturer: GMM						
Identification: Type No.: 6010/050 S/N: 35378						
Description: Component of the AGFA DR 800 System:  DR 800 X-ray remote table (cabinet) Mfr. ID: O-T90SHX/8 OPERA T90Sharp (cabinet)  Included modifications that will be part of GMM Seismic Kit P/N 90342: Additional Cable ties and brackets to secure electrical boards.						
Mounting: Wall / Floor mounted using (4) – 3/8" dia. SAE J429 Grade 5 bolts to base and L 3 x 3 x 3/16" x 3" (A36) brackets w/ (3) #12 Tek screws w/ standard washers to backing plate and 1-1/2" DIA Bolt (A307) to Cabinet (2 PLACES)						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
23.62	13.39	77.25	387.5	N/A	N/A	N/A
ICC-ES AC156 Shake Table Test Parameters						
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 structural integrity and manufacturer requirements for functionality after AC156 test.						

UUT-1805-3      UPS						
Manufacturer:			EATON			
Identification:			Model No.: 9PX 2000RT		S/N: PA19J02D76	
Description:			Component of the AGFA DR 800 System  Type Nr.: 6010/910; ABC Code: XFDJZ; AGFA Part Nr.: A617578 (Not Labeled)  Includes mounting hardware which is part of system seismic kit A620068			
Mounting:			Rigid Base mounted using a strap assembly at front and rear. Each strap assembly consisting of: 1" wide nylon strap w/ metal cam buckle (50 lb tension / 200 lb WLL) looped through slots in vertical legs of (2) – L 2½ x 2" x ½" x 0'-2" LLV brackets positioned snug against unit. Each bracket attached w/ 3/8" diameter ASTM A574 Socket Head Cap Screws threaded into aluminum plate. (1 set ea. front & rear, 4 bolts total			
Dimensions (in.)			Weight (lb.)	Lowest Resonant Frequency (Hz.)		
Width	Depth	Height		Side-Axis	Front-Axis	Vert-Axis
3.41	17.32	23.82	62.5	9.66	>50	>50
ICC-ES AC156 Shake Table Test Parameters						Code: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

**ATTACHMENT 2: TEST SPECIMEN SUMMARY**


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UUT-1805-4 DR 800 Generator (80kW)						
Manufacturer: CPI						
Identification: INDICO IQ RF 80kW VZW2558FD822 S/N: AMQ01015K18 w/ Dual Tube Support Type No.: 6010/410 w/ High Speed Starter Type No.: 6010/420						
Description: Component of the AGFA DR 800 System -Generator (80kW) w/ -Dual Tube Support Type Nr.: 6010/410, ABC Code: XCT7H, P/N: A616675 (Not Labeled) -High Speed Starter Type Nr.: 6010/420, ABC Code: XCT8K, P/N: A616676 (Not Labeled) -Included mounting hardware as part of system seismic kit P/N: A621669						
Mounting: <u>Wall / Floor mounted</u> with hardware from system seismic kit P/N: A621669 w/ (3) 3/8" DIA Grade 5 Bolts into floor and (14) #12 Tek Screws into 16 GA Steel track backing plate						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
20	16.14	41.46		N/A	N/A	N/A
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

UUT-1805-5 DR 800 Sync Cabinet w/ Floor Mount Kit						
Manufacturer:			AGFA NV			
Identification:			Type No.: 6010/300 S/N: 001018 w/ Floor Mount Kit Type No.: 6010/310			
Description:			Component of the AGFA DR 800 System -Sync Cabinet ABC Code: XC6XE, P/N: A811562 (Not Labeled) -w/ Floor Mount Kit Type Nr.: 6010/310, ABC Code: XC6YG, AGFA Part Nr.: A616876 (Not Labeled) -Includes mounting hardware and additional locking mechanism on power cables from system seismic kit: A621669			
Mounting:			Wall / Floor mounted with hardware from system seismic kit P/N: A621669 w/ (4) 3/8" DIA Allen head cap screws w/ washers into floor and (14) #12 Tek Screws into 16 GA Steel track backing plate			
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
20	19.5	13		N/A	N/A	N/A
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						

**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

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UUT-1805-6 High Performance PC						
Manufacturer: Dell						
Identification: ABC Code: XE7MC		S/N: NX113-10014				
Description: Component of the AGFA DR 800 System  NX-MW21 DR 800 High Performance PC Type Nr.: 4406/146, P/N: A622077 (Not Labeled)  Includes mounting hardware which is part of system seismic kit A621669						
Mounting: Rigid Base mounted using a strap assembly at front and rear. Each strap assembly consisting of: 1" wide nylon strap w/ metal cam buckle (50 lb tension / 200 lb WLL) looped through slots in vertical legs of (2) – L2½ x 2" x ½" x 0'-2" LLV brackets positioned snug against unit. Each bracket attached w/ 3/8" diameter ASTM A574 Socket Head Cap Screws threaded into aluminum plate. (1 set ea. front & rear, 4 bolts total)						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
8.5	21	17	41.5	28.18	41.19	>50
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						



UUT-1805-7      DICOM Widescreen Touch Monitor							
Manufacturer:		Barco					
Identification:		Model: MDRC-2222		S/N: 721831151038			
Description:		Component of the AGFA DR 800 System  -DICOM WIDESCREEN TOUCH MONITOR  -Type Nr.: 4406/096; ABC Code: XFSOZ; AGFA Part Nr.: A620216 (Not Labeled)  -Includes mounting hardware which is part of system seismic kit A621669					
Mounting:		Countertop mounted with 3/8" DIA Grade 5 Hex Bolt through ¾" plywood and 3" x ¾" x ¼" steel nut bar and secured with hex head nylok nut					
Dimensions (in.)				Weight (lb.)	Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Side-Axis		Front-Axis	Vert-Axis	
20.24	2.64	12.4	>50		9.59	9.79	
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS							CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68	
2.5	0						
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							






**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

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UUT-1805-8 DR 800 X-Ray Tube Ceiling Suspension 1							
Manufacturer:			GMM				
Identification:			Type No.: 6010/400		S/N: 3381		
Description:			Component of the AGFA DR 800 System: <u>Manual Ceiling Suspension</u> Type No.: 6010/400 <u>510cm Long. Rails</u> Type No.: 6010/670 <u>Swan Neck X-ray Assembly Support</u> Type No.: 6010/620 <u>Collimator Rotation</u> Type No.: 6010/740 <u>Manual Collimator (Ralco)</u> Model: R 302/A				
Mounting:			Ceiling mounted using (2) – 1/2" dia. Grade 5 bolts w/ Unistrut P1010 channel nuts through AGFA Unistrut bracket to Unistrut P1001 support (Torque = 50 Nm). M10-8.8 hex bolt & T-Nuts to top of longitudinal rail (Torque = 15 Nm). Typical each intersect of (2) – longitudinal rail spaced approx. 67.3" out-to-out and (5) – Unistrut P1001 supports spaced 27.6" o.c. along longitudinal rails. Each Unistrut P1001 support spans perpendicular to longitudinal rail and is attached to HSS frame members spaced 41" max. o.c. w/ (2) – 1/2" dia. Grade 8 bolts & Unistrut P1010 channel nuts.				
Dimensions (in.)			Weight (lb.)	Lowest Resonant Frequency (Hz.)			
Width	Depth	Height		Long. - Axis	Trans. - Axis	Vert. - Axis	
200.79	118.11	90.2		N/A	N/A	N/A	
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS							CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68	
2.5	0						
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							

UUT-1805-9 DR 800 Wall Stand							
Manufacturer: GMM							
Identification: Type No.: 6010/700 S/N: 2248							
Description: Component of the AGFA DR 800 System -Wall Stand GMM Model: TRN430; ABC Code: XCUAQ, Part Nr.: A616707 -MODIFIED: Added set screw to detector bucky latch (Will be integrated as standard production) -w/ Detector DR 14s C Pixium Portable 3543EZ Model: DNUR-SZ, P/N: 63124837, S/N: 1821E4 Type Nr.: 6008/003, ABC Code: 5ZSDE							
Mounting: Wall / Floor mounted with (2) ½" Grade 5 Bolts into floor and (2) M12 Class 8.8 bolts w/ washers in tapped holes in component and (6) ¼" dia Tek screws in 16 ga steel backing plate into wall.							
Dimensions (in.)				Weight (lb.)	Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Side-Axis		Front-Axis	Vert-Axis	
23.43	12.2	87.56	297.68		N/A	N/A	N/A
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS							CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68	
2.5	0						
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							

**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

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UUT-1805-10 Dual Monitor Suspension						
Manufacturer:		Mavig / Barco		S/N: NONE		
Identification:	<u>Ceiling Track</u>		Model: TS1001			
	<u>Column with Carriage</u>		Model: TS2031			
	<u>Dual Monitor Support</u>		Model: GD4220			
	<u>Lead Screen Ceiling Suspension</u>		Model: OT80002			
	<u>Portegra extension / Spring Arm</u>		Model: E-OT95 70120			
	<u>DICOM Widescreen Touch Monitor</u> (x2)		Model: MDRC-2222			
Description:		Component of the AGFA DR 800 System -Dual monitor suspension with (2) DICOM Widescreen Monitors by Barco				
Mounting:		Ceiling mounted using (8) – 1/2" dia. Grade 5 bolts w/ Unistrut P1010 channel nuts through ceiling track to Unistrut P1001 support (Torque = 50 Nm). Unistrut spacing for ceiling track is 27.6" o.c. along ceiling track. Each Unistrut P1001 support spans perpendicular to longitudinal rail and is attached to HSS frame members spaced 41" max. o.c. w/ (2) – 1/2" dia. Grade 8 bolts & Unistrut P1010 channel nuts.				
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Long. - Axis	Trans. - Axis	Vert. - Axis
98.4	12.0	64		N/A	N/A	N/A
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						



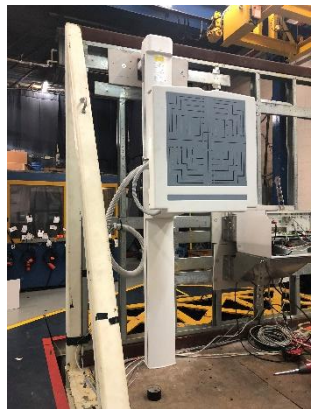
UUT-1805-11 DR 800 X-Ray Tube Ceiling Suspension 2						
Manufacturer:		GMM				
Identification:		Type No.: 6010/400		S/N: 3380		
Description:		<div>Component of the AGFA DR 800 System:</div> <div><div>Manual Ceiling Suspension</div><div>860cm Long. Rails</div><div>WS Vertical Travel</div><div>Collimator Rotation</div><div>Manual Collimator (Ralco)</div></div> <div><div>Type No.: 6010/400</div><div>Type No.: 6010/710</div><div>Type No.: 6010/660</div><div>Type No.: 6010/740</div><div>Model: R 302/A</div></div>				
Mounting:		<div>Ceiling mounted using (2) – 1/2" dia. Grade 5 bolts w/ Unistrut P1010 channel nuts through AGFA Unistrut bracket to Unistrut P1001 support (Torque = 50 Nm). M10-8.8 hex bolt &amp; T-Nuts to top of longitudinal rail (Torque = 15 Nm). Typical each intersect of (2) – longitudinal rail spaced approx. 67.3" out-to-out and (5) – Unistrut P1001 supports spaced 27.6" o.c. along longitudinal rails. Each Unistrut P1001 support spans perpendicular to longitudinal rail and is attached to HSS frame members spaced 41" max. o.c. w/ (2) – 1/2" dia. Grade 8 bolts &amp; Unistrut P1010 channel nuts.</div>				
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Long. - Axis	Trans. - Axis	Vert. - Axis
200.79	118.11	90.2		N/A	N/A	N/A
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						





**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

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UUT-1805-12 DR 800 Tilting Wall Stand						
Manufacturer: GMM						
Identification: Type No.: 6010/800 S/N: 2249						
Description: Component of the AGFA DR 800 System -Wall Stand GMM Model: TRN432; ABC Code: XCT9M, Part Nr.: A616706 -MODIFIED: Added set screw to detector bucky latch (Will be integrated as standard production) -w/ Detector DR 14s C Pixium Portable 3543EZ Model: DNUR-SZ, P/N: 63124837, S/N: 1821E4 Type Nr.: 6008/003, ABC Code: 5ZSDE						
Mounting: Wall / Floor mounted with (2) ½" Grade 5 Bolts into floor and (2) M12 Class 8.8 bolts w/ washers in tapped holes in component and (6) ¼" dia Tek screws in 16 ga steel backing plate into wall.						
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
25.8	33.7	90.7		N/A	N/A	N/A
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						


UUT-1805-13 DR 800 Sync Cabinet w/ Wall Mount Kit						
Manufacturer:		AGFA NV				
Identification:		Type No.: 6010/300 S/N: 001017 w/ Wall Mount Kit Type No.: 6010/320				
Description:		Component of the AGFA DR 800 System -Sync Cabinet ABC Code: XC6XE, P/N: A811562 -w/ Wall Mount Kit Type Nr.: 6010/320, ABC Code: XC6ZJ, AGFA Part Nr.: A616877 -Includes mounting hardware and additional locking mechanism on power cables from system seismic kit: A621669				
Mounting:		Wall mounted with hardware from system seismic kit P/N: A621669 w/ (26) #12 Tek Screws into 16 GA Steel track backing plate				
Dimensions (in.)				Weight (lb.)	Lowest Resonant Frequency (Hz.)	
Width	Depth	Height	Side-Axis		Front-Axis	Vert-Axis
20	19.5	13	N/A		N/A	N/A
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						



**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

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UUT-1805-14 DR 800 Positioner Console						
Manufacturer:		GMM				
Identification:		Type No.: 6010/050 (console)		S/N: 35378		
Description:		Component of the AGFA DR 800 System  <u>Main Control Console</u> Also labeled: Type Nr.: 6010 / 200, S/N: 01049  Mfr. ID: O-T90SHX/8 OPERA T90Sharp (console)  Includes mounting hardware that will be part of GMM Seismic Kit P/N 90342				
Mounting:		<u>Countertop mounted</u> with (4) ¼" hex head wood screws into plywood				
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
20	19.5	13	117	15.15	14.37	16.48
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS				CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						





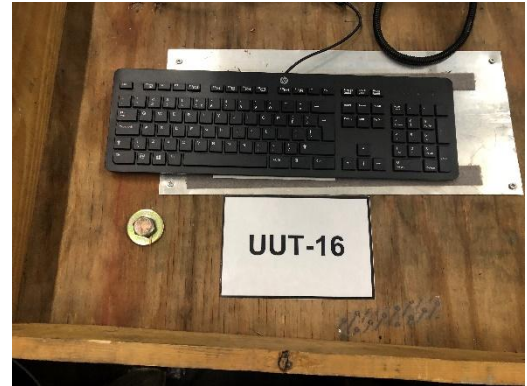
UUT-1805-15 Wireless Access Point						
Manufacturer:		Aruba				
Identification:		Model: IAP-207		S/N: CNFCJST10M		
Description:		Component of the AGFA DR 800 System  <u>Wireless Access Point</u> Type Nr.: 5430/098, ABC Code: XET1M, P/N: A617874 (Not Labeled)  External Mounting Kit (AP_200_MNT_W2) "AP Mount Kit Secure AP-200"				
Mounting:		<u>Wall mounted</u> with External Mounting Kit (AP_200_MNT_W2) "AP Mount Kit Secure AP-200" and (4) #12 Tek screws into 16 ga steel backing				
Dimensions (in.)				Weight (lb.)	Lowest Resonant Frequency (Hz.)	
Width	Depth	Height	Front - Axis		Side - Axis	Vert - Axis
5	2.75	6	N/A		N/A	N/A
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						
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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						



**ATTACHMENT 2: TEST SPECIMEN SUMMARY**

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UUT-1805-16 Keyboard						
Manufacturer:				HP		
Identification:		Model No.: KB-1469		S/N: None		
Description:		Component of the AGFA DR 800 System				
		-HP Keyboard attached with Velcro to a plywood base (countertop)				
		-Includes mounting hardware from system seismic kit: A621669				
Mounting:		Countertop mounted with 2 strips of hook and loop 1" x 7 1/2" Velcro brand "Industrial Strength" Hook and Loop tape,				
Dimensions (in.)				Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
17.25	0.75	5.5	1.3	>50	>50	>50
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68
2.5	0					
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.						



UUT-1805-17 DR 800 Table Unit							
Manufacturer:		GMM					
Identification:		Type No.: 6010/050		S/N: 36477			
Description:		<p>Component of the AGFA DR 800 System</p> <p>- The table unit is manufactured for AGFA by General Medical Merate S.P.A (GMM) and is a modified version of GMM's OPERA Swing device (Opera T90 Sharp Table Unit).</p> <p>-w/ <u>DR 800 FLAT TABLETOP LONGI. SYMM. MOVEMENT</u></p> <p>Type No.: 6010/860, ABC Code: XFDDP, P/N: A617573</p> <p>-w/ <u>DR 800 CARBON FIBER TABLETOP</u></p> <p>Type No.: 6010/470, ABC Code: XCTQJ, P/N: A616671</p> <p>-w/ <u>DR 800 TUBE RTC1000 0.6/1.2 – 40/100-HS</u></p> <p>Type No.: 6010/108, ABC Code: XGUTS, P/N: A620531</p> <p>-w/ <u>Collimator</u></p> <p>Mfr.: Ralco, Model: R 302 MLP/A, S/N: 1812583</p> <p>-w/ <u>Dose Area Product monitor</u></p> <p>Mfr.: VacuTec, Model: VacuDAP 2004 OEM, S/N: 18 06715</p> <p>-w/ <u>DR 800 RAYSENSE AUTO-SWITCH</u></p> <p>Type No.: 6010/520, ABC Code: XCTUR, P/N: A616688</p> <p>-w/ <u>DR 800 FLFS Overlay</u></p> <p>Type No.: 6001/300, ABC Code: XCT6F, P/N: A617295</p> <p>-w/ <u>DR 800 DYNAMIC DETECTOR</u></p> <p>Mfr.: Thales, P/N: Pixium 4343FL</p> <p>Test unit includes structural enhancements to address anomalies observed in previous testing which are now incorporated as part of standard manufactured product. Additionally, includes required Seismic hardware enhancements which are part of system seismic kit GMM P/N 90342</p>					
Mounting:		Rigid Base mounted using (9) ½” dia. Grade 8 bolts w/ standard washers (Torque = 40 ft-lb) into aluminum plate					
Dimensions (in.)				Weight (lb.)	Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Front-Axis		Side-Axis	Vert-Axis	
94.49	64.45	116.34	1959 + 467 Patient	3.57	2.58	2.71	
ICC-ES AC156 SHAKE TABLE TEST PARAMETERS						CODE: 2022 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	1	1.5	3.2	2.4	1.68	0.68	
2.5	0						
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.							



## ATTACHMENT 2: TEST SPECIMEN SUMMARY

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<b>UUT-1805-18 Z6 High Performance PC</b>						
<b>Manufacturer:</b>		HP				
<b>Identification:</b>		ABC Code: MAEA03		S/N: CZC9017XFQ		
<b>Description:</b>		Component of the AGFA DR 800 System  <u>HP Z6 High Performance PC</u> Type No.: 4406/978, P/N: A623635 (Not Labeled) Also labeled "HP Z6 EVALUATE UNIT"  <u>w/ Mounting Hardware as part of system seismic kit AGFA P/N A621669</u>				
<b>Mounting:</b>		Rigid Base mounted using a strap assembly at front and rear. Each strap assembly consisting of: 1" wide nylon strap w/ metal cam buckle (50 lb tension / 200 lb WLL) looped through slots in vertical legs of (2) – L2½ x 2" x ½" x 0'-2" LLV brackets positioned snug against unit. Each bracket attached w/ 3/8" diameter ASTM A574 Socket Head Cap Screws threaded into aluminum plate. (1 set ea. front & rear, 4 bolts total)				
<b>Dimensions (in.)</b>				<b>Lowest Resonant Frequency (Hz.)</b>		
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
6.65	18.31	17.52	29.8	29.94	>50	>50
<b>ICC-ES AC156 SHAKE TABLE TEST PARAMETERS</b>						<b>CODE: 2022 CBC</b>
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 structural integrity and manufacturer requirements for functionality after AC156 test.						

