

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

| APPLICATION FOR HCAI SPECIAL SEISMIC | OFFICE USE ONLY |
|--|--|
| CERTIFICATION PREAPPROVAL (OSP) | APPLICATION #: OSP-0472 |
| HCAI Special Seismic Certification Preapproval (OSP) | |
| Type: New X Renewal | |
| Manufacturer Information | |
| Manufacturer: Philips Healthcare | |
| Manufacturer's Technical Representative: Yossi Kamhine | |
| Mailing Address: Veenpluis 4-6, 5684 PC Best, The Netherlands | |
| Telephone: +97248310663 Email: yossi.kamhine@ | philips.com |
| Product Information | Mp, |
| Product Name: CT Systems | |
| Product Type: NA OSP-0472 | 2 |
| Product Model Number: IQon CT Systems (See Attachment 1) | m l |
| General Description: Multiple component systems for the provision of C | omputed Tomography medical diagnostic imaging. |
| Mounting Description: See Attachment 1, See Attachment 1 | |
| Tested Seismic Enhancements: Seismic enhancements made to the test anomalies during the tests shall be inco | t units and/or modifications required to address provide the production units. |
| Applicant Information | 14 M |
| Applicant Company Name: EASE LLC | 02 |
| Contact Person: Jonathan Roberson | |
| Mailing Address: 5877 Pine Ave. Suite 210, Chino Hills, CA 91709 | |
| Telephone: (909) 606-7622 Email: j.roberson@eas | eco.com |
| Title: Principal Engineer | |

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

OSP-0472





DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

| California Licensed Structural Engineer Respo | nsible for the Engineering and Test Report(s) |
|--|---|
| Company Name: EASE | |
| Name: Jonathan Roberson | California License Number: S4197 |
| Mailing Address: 5877 Pine Ave., Suite 210, Chino Hill | is, CA 91709 |
| Telephone: (951) 295-1892 Ema | ail: jon@EASECo.com |
| Certification Method | |
| GR-63-Core X ICC-ES AC156 | ☐ IEEE 344 |
| Other (Please Specify): | |
| EO | RCODECO |
| Testing Laboratory | Mp. |
| Company Name: ENVIRONMENTAL TESTING LABO | RATORIES, INC. (ETL) |
| Contact Person: Brady Richard | |
| Mailing Address: 11034 Indian Trail, Dallas TX 75229- | 3513 |
| Telephone: (972) 247-9657 | ail: brady@etIdallas.com |
| DATE | : 05/02/2022 |

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



STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

| Seismic Parameters | | | |
|---|--|----------|----------------------------|
| Design Basis of Equipment or Component | ts (Fp/Wp) = See Attachment 1 | | |
| SDS (Design spectral response acce | eleration at short period, g) = See Atta | chment 1 | |
| ap (Amplification factor) = | See Attachment 1 | | |
| Rp (Response modification factor) = | See Attachment 1 | | |
| Ω_0 (System overstrength factor) = | See Attachment | | |
| Ip (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 DF | | |
| HCAI Approval (For Office Use Only) | - Approval Expires on 05/02/2028 | 3 Th | |
| Date: 5/2/2022 | OSP-0472 | G | |
| Name: Timothy Piland | | Title: | Senior Structural Engineer |
| Special Seismic Certification Valid Up to: \$ | SDS (g) = See Above | z/h = | See Above |
| Condition of Approval (if applicable): | DATE: 05/02/2022 | Jo | |
| | OPNIA BUILDING COT | 102 | |





ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 1 OF 5

TABLE 1:

| System Mfr PHILIPS HEA | | | | | | | | | | | | | |
|---|---------------|-------|----------------|------------|---------------------|----------|---------------|---------------------------------------|-----------------|--------|----------------|----------------|----|
| | 459800868131) | | | | | | | | | | | | |
| | | Appro | x. Dimensi | ons (in.) | | | | | | | | | |
| Component | Part No. | W | D | H | Wt. (lb.) | Mount | Basis [1] | F _P /W _P | S _{DS} | z/h | a _P | R _P | Ω0 |
| GANTRIES | | | | | | | | | | | - | | |
| IQon Gantry ^[5] | 459800868121 | 107 | 37.7 | 78.10R | C 5,669 E | Floor | UUT-1 | 2.40 1.13 | 2.0 2.5 | 1 0 | 1 | 1 ½ | 2 |
| PATIENT TABLES | | | | 0 | | M/S | | | | | | | |
| Patient Support – Extended ^[5] | 459800021201 | 22.7 | 117.6 | 42.2 max. | 955 ^[2] | Floor | UUT-2 | | | | | | |
| Patient Support – Extended ^[5] | 459800771026 | 22.7 | 117.6 | 42.2 max. | 955 | Floor | SAME | | | | | | |
| Patient Support – Extended ^[5] | 459800771027 | 22.7 | 117.6 | 42.2 max. | 955 | Floor | SAME | | | | | | |
| Patient Support – Bariatric [11][8] | 453567391361 | 22.7 | 4 107.4 | 25.4 / 42 | 890 ^[10] | Floor | UUT 1602-2 | 2.40 | 2.0 | 1 | 1 | 1 ½ | 2 |
| Patient Support – IQon Bariatric | 453567480192 | 22.7 | 0107.4 | BY :47 ima | othy981. Pi | larFtbor | TMI | 1.13 | 2.5 | 0 | | 1 /2 | 2 |
| Patient Support – IQon Bariatric ^[5] | 453567480194 | 22.7 | 107.4 | 42 | 981 | Floor | INT | | | | | | |
| Patient Support – iCT Standard ^{[9][8]} | 453567480181 | 22.7 | 107.4 | 42 | 889 [2] | Floor | UUT 1705-2 | | | | | | |
| CONSOLES | · · · | | | REFERENCE | | ALARA . | | | | | | | |
| Host Rack including: [3] | 459800444981 | 13.0 | 35.3 | 29.9 | 169 | Floor | UUT-3 | | | | | | |
| Common Host (Dell T3600 E5- 1620 3.6GHz non TPM 4TB) | 459800842981 | | 1 | VIAD | | 602 | | | | | | | |
| Host Rack including: [3] | 459800444981 | 13.0 | 35.3 | 29.9 | 165 | Floor | UUT- A1 | | | | | | |
| Common Host (IQon Host HP z440, CAN) | 459801127401 | | | | | | | 1.44 1.13 | 2.0 2.5 | 1 0 | 1 | 2 1⁄2 | 2 |
| Host Rack including: [3] | 459800444981 | 13.0 | 35.3 | 29.9 | 165 | Floor | SAME | | | | | | 1 |
| Common Host (IQon Host HP z440, 64 GB, CAN) | 459801308241 | | | | | | | | | | | | |

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 2 OF 5

TABLE 1:

| | | Approx | x. Dimensio | Dimensions (in.) | | | | | | | | | |
|---|--------------|--------|-------------|----------------------|------------|-------------|----------------------|---------------|-----------------|--------|----------------|-------|---|
| Component | Part No. | Ŵ | D | H | Wt. (lb.) | Mount | Basis ^[1] | F ₽/W₽ | S _{DS} | z/h | a _P | R₽ | Ω |
| IQon CT System CIRS Rack including: [4] | 459800873621 | 23.6 | 42 | 79.8 | CODE | | | | | | | | |
| CIRS S3 (Dell T620 No RAID E5-2660 K20 GPU) | 459800456102 | 19 | 26.5 | 8.5 | | CONI | | | | | | | |
| CIRS S2 (Dell T620 No RAID E5-2660 K20 GPU) | 459800456102 | 19 | 26.5 | 8.5 | 783 | Wall/Floor | UUT-4 | 1.44 1.13 | 2.0 2.5 | 1 0 | 1 | 2 1⁄2 | 2 |
| CIRS S1 (Dell T620 E5-2660/5 disk/H710/GPU) | 459800456082 | 19 | 26.5 | 8.5 | | | Z | | | | | | |
| Console UPS (Staco UniStar) | 459800913091 | 17.25 | 23 | 5.4 🔾 | SP-047 | 2 | | | | | | | |
| UPS battery (Staco UniStar) | 459801029431 | 17.25 | 24 | 5.4 | | | 111 | | | | | | |
| IQon CT System CIRS Rack including: [4] | 459801156031 | 23.6 | o 43 | 377918 _m | othy J. Pi | land | 0 | | | | | | |
| CIRS S3 (IQon HP z840 E5- 2630v3 No Raid S2/S3) | 459801112481 | 19 | 22 | 8.5 | | | | | | | | | |
| CIRS S2 (IQon HP z840 E5- 2630v3 No Raid S2/S3) | 459801112481 | 19 | 22 | PA _{8.5} ⊨∶ | 05/02/2 | Wall/Floor | UUT-A2 | 1.44 1.13 | 2.0 2.5 | 1 0 | 1 | 2 1⁄2 | 2 |
| CIRS S1 (IQon HP z840 E5- 2630v3 6 Drv S1) | 459801112471 | 19 | 22 | 8.5 | | | ~ | | | | | | |
| Console UPS (Staco UniStar) | 459800913091 | 17.25 | 23 | 5.4 | | | | | | | | | |
| UPS battery (Staco UniStar) | 459800844121 | 17.25 | 24 | 5.4 | | CO^{\vee} | | | | | | | |
| POWER DISTRIBUTION | | | | RI | ITI DIN | GU | | | | | | | |
| Light Weight PDU (Spellman High Voltage Electronics) | 459800064812 | 22 | 32 | 48.5 | 1147 | Floor | UUT-6 | 1.44 1.13 | 2.0 2.5 | 1 0 | 1 | 2 1⁄2 | 2 |
| MISC | | | | | | | | | | | | | |
| IQon CT Box [6] | 459800842441 | 15.8 | 4 | 2.5 | 4 | CTA | UUT-5 | | | | | | |
| IQon CT Box ^[6] | 459800842442 | 15.8 | 4 | 2.5 | 4 | CTA | SAME | 1.44 | 2.0 | 1 | | | |
| Compressor – JUN AIR 50/60 Hz | 459800191992 | 21.42 | 28.86 | 30.75 | 200 | Floor | UUT-8 | 1.44 1.13 | 2.0 2.5 | 0 | 1 | 2 1⁄2 | 2 |
| Cabinet Compressor – JUN AIR 50/60 Hz [7] | 459800882781 | 24.3 | 26 | 33.7 | 290 | Floor | UUT-9 | | | | | | |

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 3 OF 5

TABLE 1:

| System Mfr System | PHILIPS HE | ALTHCARE (459800868131) | | | | | | | | | | | | |
|----------------------|---|--|--|--|---|--|--|----------------------|--------------------------------|-----------------|-----|----------------|----------------|----|
| | | | Approx | . Dimensi | ons (in.) | | | | | | | | | |
| Componen | t | Part No. | W | D | н | Wt. (lb.) | Mount | Basis ^[1] | F _P /W _P | S _{DS} | z/h | a _P | R _P | Ω₀ |
| | Patient tab Requires tab | Model is physically, r ble weight does not ir use of Philips Healtho use of Philips Healtho use of Philips Healtho use of Philips Healtho the not part of the IC use of Philips Healtho ble weight does not ir | actude 450 lb. ; care IQon GEN care IQon GEN care GANTRY/ care CT BOX S care KIT - CON Qon CT system care ICT SEISI actude 500 lb. ; | Datient load p I 5.1 HOST S I 5.X CIRS SE COUCH ANC EISMIC (Par IPRESSOR S and is includ MIC HARDEN Datient load p | resent during EISMIC KIT (HOR BRACH HOR BRACH t No. 459801 EISMIC (Par ed only to est ING KIT (Par resent during | testing. Part No. 4598019 Part No. 4598009 KET SEISMIC KI 147561). t No. 459801067 tablish a basis fo t No. 459801323 | 148053). 914063). T (Part No. 45 7821). or untested mo | 59801139791). | | or softwar | e. | | | |





ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 4 OF 5

TABLE 2: System Mfr PHILIPS HEALTHCARE IQon CT (459800868134) System Approx. Dimensions (in.) Part No. W D Wt. (lb.) Mount | Basis ^[1] F_P/W_P R_P Ω_0 Component н S_{DS} z/h aP GANTRIES SAME AS 2.40 2.0 1 37.7 IQon Gantry [5] 459801662461 107 78.10 5.669 $1\frac{1}{2}$ 2 Floor 1 UUT-1 2.5 0 1.13 PATIENT TABLES Patient Support - Extended [5][8] 459800021201 22.7 42.2 max. 955 [2] UUT-2 117.6 Floor Patient Support – Extended ^[5] 459800771026 22.7 117.6 42.2 max. 955 Floor SAME UUT 2.40 2.0 1 890 [10] Patient Support – Bariatric [11][8] 453567391361 22.7 107.4 25.4/42 Floor 1 $1\frac{1}{2}$ 2 1602-2 1.13 2.5 0 Patient Support – IQon Bariatric [5] 22.7 42 453567480192 107.4 981 Floor INT UUT Patient Support – iCT Standard [9][8] 22.7 P42and 889 [2] 453567480181 in107.4 Floor 1705-2 CONSOLES IQon Gen 5.3 Host w/ Host Rack [3] 459801496671 02/3022 355/ UUT 1.44 2.0 1 13 189 2 1/2 2 Floor 1 1805-2 0 1.13 2.5 IQon Host, Z4 (HP) 459801496981 IQon Gen 5.3 Host w/ Host Rack [3] 459801899871 1.44 2.0 1 189 12.8 35.6 29.8 INT $2\frac{1}{2}$ 2 Floor 1 1.13 2.5 0 CT Gen 5.3 Host, 74 459801898441 Spectral Gen 5.3 Host w/ Host Rack [12] 459801902082 UUT 1.44 2.0 1 12.8 35.6 29.8 189 2 1/2 2 Floor 1 CT Gen 5.3 Host, Z4 2102-4 1.13 2.5 0 459801898441 IQon Gen 5.3 CIRS TL Rack/UPS/ACQ [4] 459801498651 CT Gen5.3 IQon CIRS Master, HP Z8 459801498681 CT Gen5.3 IQon CIRS Computing, HP Z8 459801498691 UUT 1.44 2.0 1 $2\frac{1}{2}$ 2 23.6 43.0 79.8 695 Wall/Floor 1 1805-1 1.13 2.5 0 CT Gen5.3 IQon CIRS Computing, HP Z8 459801498691 Staco UniStar VP 6kVA UPS w/ SNMP 459800913091 Staco UniStar UPS Extended Run Batt 459800844121

Table continues next page



ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

PHILIPS HEALTHCARE

ATTACHMENT PAGE | 5 OF 5

TABLE 2:

| System Mfr System | PHILIPS HEALTHCARE IQon CT (459800868 | 134) | | | | | | | | | | | | |
|--------------------------------|--|--------------------------|-----------------|--|---------------|------------------|-------------------------|----------------------|--------------------------------|------------|--------|----|----------------|---|
| | | | Appro | Approx. Dimensions (in.) | | | | | | | | | | |
| Component | | Part No. | W | D | H | Wt. (lb.) | Mount | Basis ^[1] | F _P /W _P | SDS | z/h | a₽ | R _P | Ω |
| POWER DIST | RIBUTION | | • | | | | | | | | | | | |
| Light Weight F Electronics) | PDU (Spellman High Voltage | 459800064812 | 22 | 0R320 | D 48.5 | 1147 | Floor | UUT-6 | 1.44 1.13 | 2.0 2.5 | 1 0 | 1 | 2 1⁄2 | 2 |
| MISC | | | (25) | | | MA | | | | | | | | |
| CT BOX ASS | Y. NO TILT (RoHS) ^[6] | 459800842442 | 15.8 | 4 | 2.5 | 4 | СТА | SAME AS UUT-5 | 1.44 1.13 | 2.0 2.5 | 1 0 | 1 | 2 1⁄2 | 2 |
| Compressor – JUN AIR 50 | /60 Hz | 459800191992 | 21.42 | 28.86 | 30.75 | 200 | Floor | UUT-8 | 1.44 | 2.0 | 1 | 4 | 0.1/ | |
| Cabinet Comp – JUN AIR 50 | | 459800882781 | 24.3 | 26 | 33.7 | 290 | Floor | UUT-9 | 1.13 | 2.5 | 0 | 1 | 2 1⁄2 | 2 |
| Notos | Wall/Floor Mounted refers to adjacent wall or other suppor | | | | | | | | | | | 0 | | |
| Notes | 1. BASIS: | Z | | 1 2488888888 | | | | | | | | | | |
| | UUT#: Indicates that OAME: Madelia above | | | | | | • • | • | | | | | | |
| | SAME: Model is phy Patient table weight do | | | | | 1. Difference is | s limited to | | er, color, c | or softw | are. | | | |
| | Patient table weight do Requires use of Philips | | | | | 1561671 | | | | | | | | |
| | 4. Requires use of Philips | | | And the second sec | | | | | | | | | | |
| | 5. Requires use of Philips | | | | | | lo. 459801 ⁻ | 139791). | | | | | | |
| | 6. Requires use of Philips | Healthcare CT BOX S | SEISMIC (Pa | rt No. 459801 | 147561). | , | | , | | | | | | |
| | 7. Requires use of Philips | Healthcare KIT - COM | IPRESSOR | SEISMIC (Pa | art No. 45980 | 01067821. | | | | | | | | |
| | 8. Component is not part | of the IQon CT system | 1. | | | | | | | | | | | |
| | 9. Requires use of Philips | | | · · | |)1323201). | | | | | | | | |
| | 10. Patient table weight do | | | | 5 0 | | | | | | | | | |
| | 11. Component requires us | • | | • | | 1) | | | | | | | | |
| | 12. Gen 5.3 Host w/ Host F | | | | | - | | | | | | | | |
| 1 | 13. Gray italic formatting in | dicates unit is not a co | omponent of | system and u | ised as basis | s for seismic q | ualification | only. | | | | | | |



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 1 OF 8

| UUT-1 | IQon Gantry | | | | | | | | |
|-------------------|--|--------------------------|---------------|---------|---------------|-----------------------------------|------------------------|------------------------|------------------------|
| MANUFACTURER: | Philips Healthcare | | | | | | | The second second | |
| IDENTIFICATION: | Model No.: 45980086 | 8121 | | | | | S HILL HI | | |
| | Serial No.: 860000 | | | | | THE . | 14 | | Sant |
| DESCRIPTION: | Component of the IQc Included components GANTRY/COUCH AN 459801139791). | found in Philips | | | T (Part No. | | | | |
| MOUNTING: | Rigid Base using (8) - provided washer asse | | 429 Gr 8 | bolts w | vith Philips | | | | |
| PROPERTIES: | | E | OR | co | DECO | | | | |
| | DIMENSIONS (in.) | 03. | | | | LOW | EST RESONAN | T FREQUEN | CY (Hz.) |
| Width | Depth | Height | | We | ight (lb.) | Side-Axis | Fron | t-Axis | Vertical-Axis |
| 107 | 37.7 | 78.10 | W | | 5669 | 9.4 | 8 | .0 | 30.6 |
| SHAKE TABLE TEST | PARAMETERS | 7 | \cap | | ٦/72 | 6 | | • | |
| CODE | TEST CRITERIA | S _{DS} (g) | z/ł | ì | | A _{FLX-H} (g) | A _{RIG-H} (g) | A _{FLX-V} (g) | A _{RIG-V} (g) |
| CBC 2016 | ICC-ES AC1 <mark>56</mark> | 2.0 2. <mark>5</mark> | 1.0 Tin0.0 | | J. Pilanc | 3.20 | 2.40 | 1.68 | 0.68 |
| Unit satisfied AC | 156 requirements for str | uctural integrity | and ma | nufactu | rer requireme | ents for funct <mark>ional</mark> | lity after AC156 | test. | • |

| UUT- 2 | Patient Support – Extended | 05/02/2022 | |
|---------------|----------------------------|------------|------|
| MANUFACTURER: | Philips Healthcare | | 20 A |

| MANUFACTURER: | Philips Healthcare | | HHH | | HHHHH | | | | | |
|--------------------------|---|-----------------|------------|---------|--------------|-------------------------------|----------------|----------------------------|------------------------------|-------------------------------|
| IDENTIFICATION: | Model No.: 459800021 | 201 | <u>NNN</u> | | | 4. | | | | |
| | Serial No.: 951038 | PA. | | - Malla | | | | | | |
| DESCRIPTION: | Component of the IQo Patient Support - Stan PIM | dard including: | BU | ILC | DING | | | - | | |
| | Included enhancemen subsequently included ANCHOR BRACKET \$ | in Philips Hea | Ithcare G | GANTF | RY/COUCH | | | | | Red |
| MOUNTING: | Rigid Base using (5) – provided washer asser | | | | | in | | 10000 | | |
| PROPERTIES: | | | | | | | | | | |
| | DIMENSIONS (in.) | | | | | LOW | EST F | RESONAN | T FREQUEN | CY (Hz.) |
| | | Hoight | | \٨/ | eight (lb.) | Side-Axis | | Front | -Axis | Vertical-Axis |
| Width | Depth | Height | | • • | cigin (ib.) | | | | | |
| Width 22.7 | 117.6 | 41.4 | | | 954.5 | 3.7 | | 7. | 61 | 4.2 |
| | 117.6 | · · · | | | U () | 3.7 | | 7. | 61 | 4.2 |
| 22.7 | 117.6 | · · · | z/h | | U () | 3.7 A _{FLX-H} (g) | | 7. _{RIG-H} (g) | 61 A _{FLX-V} (g) | 4.2 A _{RIG-V} (g) |
| 22.7 SHAKE TABLE TEST | 117.6 PARAMETERS | 41.4 | | 1 | 954.5 | | A _F | | | |



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 2 OF 8

| UUT-3 | Host Rack | | | | | | | |
|------------------|--|-------------------------|---------------|----------------|------------------------|------------------------|------------------------|------------------------|
| MANUFACTURER: | Philips Healthcare | , | | | | | | . 1 |
| IDENTIFICATION: | Model No.: 45980044 | 4981 | | | | 2 | | et. |
| | Serial No.: 50426S00 | 042 | | | | - Participant - | | |
| DESCRIPTION: | Component of the IQc Common Host (Dell T (model no.: 45980084 Philips Healthcare IQc 459801148053) | 3600 E5-1620 3 2981) | | | | | | |
| MOUNTING: | Rigid Base using (4) - Screws to aluminum i | | M A574 So | ocket Head Cap | | - | | |
| PROPERTIES: | | | 2 | ODE | - | | | |
| | DIMENSIONS (in.) | F | OK | LODE CC | LOWE | EST RESONAN | IT FREQUENC | Y (Hz.) |
| Width | Depth | Height | | Weight (lb.) | Side-Axis | From | it-Axis | Vertical-Axis |
| 13.0 | 35.3 | 29.9 | W W Y | 169 | 34.5 | 1 | 1.2 | 47.1 |
| SHAKE TABLE TEST | PARAMETERS | \leq | ())(_,()(_,)) | | XXXXX | | | |
| CODE | TEST CRITERIA | S _{DS} (g) | z/h | P-0472 | A _{FLX-H} (g) | A _{RIG-H} (g) | A _{FLX-V} (g) | A _{RIG-V} (g) |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1.0 0.0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 |

Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

| UUT- 4 | IQon CT S <mark>yste</mark> | m CIRS R | ack | 05/0 | 10/2022 | | | | | | |
|-------------------|---|----------------------------|----------|-----------|--|-----------------------|--------------------|----------------------|----------------------|------|------------------------|
| MANUFACTURER: | Philips Healthcare | | | |) | | 2/ | | | | |
| IDENTIFICATION: | Model No.: 45980087 | 3621 | ANK - | | AAAAAA | | $\dot{\mathbf{p}}$ | | | | |
| DESCRIPTION: | Component of the IQo | n CT System. | <u> </u> | | <u>ABBRID</u> | | | 1 | 1 | | |
| | CIRS S3 (Dell T620 N | o RAID E5-26 | 60 K20 | GPU) | 4598004 | 56102 | | | | | |
| | CIRS S2 (Dell T620 N | o RAID E <mark>5-26</mark> | 30 K20 | GPU) | 4598004 | 56102 | | | | | |
| | CIRS S1 (Dell T620 E | 5-2660/5 disk/ | H710/G | PU) | 4598004 | 56082 | | A.2 | | | C R |
| | Console UPS (Staco l | JniStar) | | | 4598009 | 13091 | | | 1 1 | | |
| | UPS battery (Staco Ur | niStar) | | | 4598010 | 29431 | | and Same | | | |
| | Test specimen include found in then-standard subsequently released | | 4598009 | 14063 | | | | | | | |
| MOUNTING: | Wall/Floor using (4) – hex washer head, self wall. Manufacturer pro | -tapping, self-t | hreading | g sheet i | metal screws | | | | | | |
| PROPERTIES: | | | | | | | | | | | |
| | DIMENSIONS (in.) | | | | | l | OWEST | RESONAN | IT FREQUE | INCY | (Hz.) |
| Width | Depth | Height | | We | eight (lb.) | Front- | Axis | Side | -Axis | ١ | /ertical-Axis |
| 23.6 | 42 | 79.8 | | | 783 | 12 | .8 | 8 | .0 | | 14.7 |
| SHAKE TABLE | TEST PARAMETERS | | | | | | | | | • | |
| CODE | TEST CRITERIA | S _{DS} (g) | Z | ′h | l _P | A _{FLX-H} (g | I) A | _{RIG-H} (g) | A _{FLX-V} (| g) | A _{RIG-V} (g) |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1. 0. | | 1.5 | 3.20 | | 2.40 | 1.68 | | 0.68 |
| Unit satisfied AC | 156 requirements for stru | uctural integrity | and ma | anufactu | irer requireme | ents for funct | tionality at | fter AC156 | test. | | |



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 3 OF 8

| UUT- 5 | IQon CT Box | | | | | | | | | |
|--------------------|---|---------------------|---------------------|------------------|------------------|------------------------|------------------------|------------------------|--------------|------------------------|
| MANUFACTURER: | Philips Healthcare | | | | | | 1 | | | |
| IDENTIFICATION: | Model No.: 45980084 | 2441 | | | | | | | | |
| | Serial No.: 004 | | | | | | | , | - | |
| DESCRIPTION: | Component of the IQo | n CT System. | | | | | 0 | | | - |
| | | | | | | | 0 | B. B. A | | 14 |
| | | | | | | - | | | | _ |
| | | | | | | 1 | | Sec. 201 | 10 | |
| MOUNTING: | Countertop Anchored reclosable fastener at bottom of foot and tes | each of two ta | x 3" 3M pered fe | Dual L et (ap | Lock plied to | 1.000.00 | | | | |
| | | | | | | | | | | |
| PROPERTIES: | | | 2 | $c \circ$ | DE | | | | | |
| | DIMENSIONS (in.) | F | OK | ee | UL CO | LOW | EST RESONAN | IT FREQUEN | NCY | (Hz.) |
| Width | Depth | | | | Side-Axis | Fron | t-Axis | V | ertical-Axis | |
| 15.8 | 4 | 2.5 | | | 4 | 37.9 | > | 50 | | 33.2 |
| SHAKE TABLE TEST F | PARAMETERS | 4 | M.M. | | | XXX | | | | |
| CODE | TEST CRITERIA | S _{DS} (g) | Z/ł | SP. | 0472 | A _{FLX-H} (g) | А _{RIG-H} (g) | A _{FLX-V} (g) |) | A _{RIG-V} (g) |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1.(0.(| | 1.5 | 3.20 | 2.40 | 1.68 | | 0.68 |
| Unit satisfied AC1 | 56 requirements for stru | ictural integrity | and ma | nufact | urer requireme | nts for functiona | ity after AC156 | test. | | |
| | | | 220000 | | | | | | | |
| UUT- 6 | Light Weight P | | тс. | OE/ | 02/2022 | | | | | |
| MANUFACTURER: | Spellman High Voltage | | HE. | 00/ | 0212022 | 5 | In strength | | 4 | |
| IDENTIFICATION: | Model No.: 45980006 | 4812 | | 1 | ARREAR I | | | - 1 | | |
| | Serial No.:102639659 | -A01623 | | | <u>TANAA</u> | | | T | | |
| DESCRIPTION: | Component of the IQo | n CT System. | | | | | | | | |
| | • | | | | DING | 0 | | 100 | - | |
| | | | BU | IL | DING | | | | P | |
| | | | | | | | 24 | | 1- | |
| MOUNTING: | Rigid base using (4) - Screws with manufac | | | | | | | - | | |
| | interface plate. | | bracher | | | | | - | | |
| | | | | | | | 1 | - | P | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | 1 | | Va | |
| PROPERTIES: | | | | | | 1 | | | | |
| | DIMENSIONS (in.) | | | | | LOW | EST RESONAN | IT FREQUEN | NCY (| (Hz.) |
| Width | Depth | Height | | N | /eight (lb.) | Side-Axis | Fron | t-Axis | V | ertical-Axis |
| 22 | 32 | 48.5 | | | 1147 | 10.1 | 10 | 6.7 | | 23.8 |
| SHAKE TABLE TEST F | | | | | T | | | T | | |
| CODE | TEST CRITERIA | S _{DS} (g) | z/ł | | l _P | A _{FLX-H} (g) | A _{RIG-H} (g) | A _{FLX-V} (g) |) | $A_{RIG-V}(g)$ |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1.(0.(|) | 1.5 | 3.20 | 2.40 | 1.68 | | 0.68 |
| Unit satisfied AC1 | 56 requirements for stru | ctural integrity | and ma | nufact | turer requireme | nts for functional | ity after AC156 | test. | | |

PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

EASE

EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

ATTACHMENT PAGE | 4 OF 8

| UUT-8 | COMPRESSOR | -JUN AIR 5 | 50/60 | HZ | | | | |
|--------------------|---|------------------------------------|------------|---|---|------------------------|------------------------|--|
| MANUFACTURER: | Philips Healthcare | / | | | | - | | |
| IDENTIFICATION: | Model No.: 459800191 | 992 | | | | A DO | | CT-ALCO |
| | | | | | | | JUN-AIR | |
| DESCRIPTION: | Component of the IQon Casters removed to allo | | f unit to | fixture. | | 1 | | |
| MOUNTING: | Floor mounted using (4 aluminum interface plat | | J429 (| Grade 8 bolts to | | | | A Contraction of the second se |
| PROPERTIES: | | E | DRI | CODE CO | | | | |
| | DIMENSIONS (in.) | (2) | | | LOWE | EST RESONAN | T FREQUENC | CY (Hz.) |
| Width | Depth | Height | I M I | Weight (lb.) | Side-Axis | Fron | t-Axis | Vertical-Axis |
| 21.42 | 28.86 | 30.75 | | 200 | 21.9 | 1(|).6 | 15.6 |
| SHAKE TABLE TEST F | PARAMETERS | | \bigcirc | SP-0472 | 5 | | | |
| CODE | TEST CRITERIA | S _{DS} (g) | z/h | | A _{FLX-H} (g) | A _{RIG-H} (g) | A _{FLX-V} (g) | A _{RIG-V} (g) |
| CBC 2016 | ICC-ES AC1 <mark>56</mark> | 2.5 | 1.0 | 1.5 | 4.00 | 3.00 | 1.68 | 0.68 |
| Unit satisfied AC1 | 156 requirements <mark>for stru</mark> e | ctural i <mark>ntegrity a</mark> | nd mar | ufacturer requireme | <mark>nts f</mark> or functi <mark>o</mark> nal | ity after AC156 | test. | |
| | | | | | | | | |
| UUT- 9 | | IPRESSO | R-J | JN/AIR 50/60 | HZ | | | |
| MANUFACTURER: | Jun-Air | | 12222 | 100000000000000000000000000000000000000 | 10-51 | | | |
| IDENTIFICATION: | 459800882781 | | | | | | AND AND | |
| | | O VIII | MV. | | | | | |
| DESCRIPTION: | Component of the IQo Test specimen include represented in Philips | d seismic enhar seismic kit P/N | 459801 | 067821. | | 0:= | 000 | |
| | The Test Specimen wa | as fully populate | d at tim | ie of test. | 20 | | | State of the |

MOUNTING: Floor mounted using (4) -3/8" dia. ASTM A574 Socket Head Cap Screws to aluminum interface plate.



| PROPERTIES: | | | | | | | | | |
|--------------------|--|-------------|----------|---|----------------|------------------------|------------------------|-----------------------|--------------------------|
| DIMENSIONS (in.) | | | | | | LOW | EST RESONAI | NT FREQUE | NCY (Hz.) |
| Width | Depth | Height | Height | | t (lb.) | Side-Axis | From | nt-Axis | Vertical-Axis |
| 24.3 | 26 | 33.7 | 33.7 290 | | 6.1 | 6.3 | | 29.9 | |
| SHAKE TABLE TE | EST PARAMETERS | | | | | | | | |
| CODE | TEST CRITERIA | $S_{DS}(g)$ | z/h | ı | I _P | A _{FLX-H} (g) | A _{RIG-H} (g) | A _{FLX-V} (g |) A _{RIG-V} (g) |
| CBC 2016 | ICC-ES AC156 | 2.5 | 1.0 |) | 1.5 | 4.00 3.00 1.68 | | 0.68 | |
| Unit satisfied AC1 | Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test. | | | | | | | | |



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 5 OF 8

| UUT-A1 | Host Rack | | | | | | | | |
|-------------------|---|-------------------------------------|---------------|------------------|------------------------|------------------------|------------------------|------------------------|--|
| MANUFACTURER: | Philips Healthcare | / | | | | | | | |
| IDENTIFICATION: | Model No.: 45980044 | 4981 | | | | | - | | |
| | Serial No.: 50565S00 | Serial No.: 50565S00123 | | | | | | | |
| DESCRIPTION: | Component of the IQo Common Host (IQon I | | Mouse, CA | N; model no.:45 | 9801127401) | | | | |
| | Test specimen include IQon Gen 5.1 Host Se | | | | ented in Philips | | | | |
| MOUNTING: | Rigid Base using (4) - interface plate. | - 3/8" dia. ASTM | A574 Soc | ket Head Cap Sc | rews to aluminum | | 1 | | |
| PROPERTIES: | | | | 205 | | | | | |
| | DIMENSIONS (in.) | E | RE | JDE CO | LOWE | ST RESONAN | IT FREQUENC | Y (Hz.) | |
| Width | Depth | Height | | Weight (lb.) | Front-Axis | Side | -Axis | Vertical-Axis | |
| 13.0 | 35.3 | 29.9 | WVa | 165 | 36.1 | 1(| 0.4 | 37.2 | |
| SHAKE TABLE 1 | EST PARAMETERS | | | | XXXX | | • | | |
| CODE | TEST CRITERIA | S _{DS} (g) | ⊂z/hSF | 0472 | A _{FLX-H} (g) | A _{RIG-H} (g) | A _{FLX-V} (g) | A _{RIG-V} (g) | |
| CBC 2016 | ICC-ES AC156 | 2.0 2.5 | 1.0 0.0 | 1.5 | 3.20 | 2.40 | 1.68 | 0.68 | |
| Unit satisfied AC | 156 requirements <mark>for stru</mark> | ictural i <mark>ntegrity a</mark> i | nd manufa | cturer requireme | nts for functionalit | y after AC156 | test. | | |
| | | | | | | | | | |
| UUT- A2 | IQon CT S <mark>yste</mark> r | m CI <mark>RS R</mark> ac | ★ . 05 | :/02/2022 | | | | | |
| MANUFACTURER: | Philips Healthcare | | | | | | | | |
| IDENTIFICATION: | Model No.: 459801156 | 6031 | | - BEEREE | | | | | |
| DESCRIPTION: | Component of the IQor | n CT System. | | | | 1 | | | |
| | CIRS S3 (IQon z840 E | 5-2630v3 No Rai | id S2/S3) | | 459801112481 | | | | |
| | CIRS S2 IQon z840 E5 | 5-2630v3 No Raid | d S2/S3) | DING | 459801112481 | | | | |
| | CIRS S1 (IQon z840 E | 5-2630v3 6 Drv 8 | S1) | DING | 459801112471 | 0 | | | |
| | Console UPS | | | | 459800913091 | T | | Esti 😽 | |
| | UPS battery | | | | 459800844121 | | | | |
| | | | | | | _ | | | |

Wall/Floor using (4) - 5/8" dia. SAE J429 Gr 8 bolts to the floor and $(6) - \frac{1}{4}$ " hex MOUNTING: washer head, self-tapping, self-threading sheet metal screws to the wall. Manufacturer provided brackets, top and bottom

| A. 11 | |
|-------|--|
| | |
| | |
| | |

PROPERTIES: DIMENSIONS (in.) LOWEST RESONANT FREQUENCY (Hz.) Width Vertical-Axis Front-Axis Depth Height Weight (lb.) Side-Axis 23.6 43 79.8 713 13.1 26.8 10.1 SHAKE TABLE TEST PARAMETERS CODE **TEST CRITERIA** $S_{DS}(g)$ z/h I_{P} $A_{FLX-H}(g)$ A_{RIG-H}(g) A_{FLX-V}(g) $A_{RIG-V}(g)$ 2.0 1.0 CBC 2016 ICC-ES AC156 1.5 3.20 2.40 1.68 0.68 2.5 0.0 Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 6 OF 8

| UUT1705-2 | Patient Suppo | ort - Standard | | | | |
|---------------------|--|--|-------------------------------------|------------------------|------------------------|------------------------|
| MANUFACTURER: | Philips Medical Syste | ems (Cleveland) | | " yet and " | - | |
| IDENTIFICATION: | Model No.: 4535674 | 80181 | | | | |
| DESCRIPTION: | | | | | | |
| MOUNTING: | Rigid Base (Floor) m Grade 8 bolts w/ Phi interface plate. | ounted using (5) – ½ lips supplied washer | in dia. SAE J429 kit to aluminum | | | |
| | DIMENSIONS (in. | FO | | LOWEST | RESONANT FREQUE | NCY (Hz.) |
| Width | Depth | Height | Weight (lb.) | Longit -Axis | Transv-Axis | Vert-Axis |
| 22.7 | 107.4 | 42 | 889 | 24.3 | 3.4 | 4.6 |
| ICC-ES AC156 SH | AKE TABLE TEST PAR | RAMETERS | | | | CODE: 2016 CBC |
| S _{DS} (G) | z/h | l _P | $OSP_{A_{FLX+H}}(G)$ 2 | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) |
| 2.0 2.5 | 1 | 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.

| UUT1602-2 | Patient Support - Bariatric : 05/02/2022 | 6 |
|-----------|--|---|
| 0011002-2 | | |

| MANUFACTURER: | Philips Medical Syste | ms (Cleveland) | | = 2 | , =0 | | |
|----------------------|--|------------------------|------------------------|---------------------------|------------------------|------------------------|--|
| IDENTIFICATION: | Model No.: 45356739 | 91361 | | | e series | | |
| DESCRIPTION: | Component of the Bri iCT System and othe Philips Healthcare Se | rs. | UILDING | | | | |
| MOUNTING: | Rigid Base (Floor) mo Grade 8 bolts to alum | | | | | | |
| | DIMENSIONS (in.) | | | LOWEST | RESONANT FREQU | ENCY (Hz.) | |
| Width | Depth | Height | Weight (lb.) | Transv -Axis | Longit-Axis | Vert-Axis | |
| 22.7 | 107.4 | 36 | 908 | 3.3 | 7.3 | 4.7 | |
| CC-ES AC156 SHA | AKE TABLE TEST PAR | AMETERS | | | | CODE: 2016 CBC | |
| S _{DS} (G) | z/h | I _P | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) | |
| 2.0 2.5 | 1 0 | 1.5 | 3.2 | 2.4 | 1.68 | 0.68 | |
| Unit satisfied AC156 | 6 requirements for struc | tural integrity and ma | anufacturer requiremen | ts for functionality afte | r AC156 test. | | |



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 7 OF 8

| UUT1805-1 | IQon Gen 5.3 | 3 CIRS TL_Ra | ick / UPS / ACQ | ! | | |
|---------------------|--|---|--|--|------------------------|------------------------|
| Manufacturer: | Bynet, Hewlett Pack | ard (HP) & Philips He | ealthcare (Suzhou) Co., | Ltd. | | |
| Identification: | Part No.: 45980149 | 8651 | | | | |
| Description: | Gen 5.3 CIRS TL Component of IQc | Rack / UPS / ACQ n CT System | | | | |
| | CT Gen5.3 IQon (Each w/ 1 TE Staco UniStar VP Staco UniStar UP Philips Healthcare | CIRS Master, HP Z8, CIRS Computing, HP | , , Seismic Kit | Part No. 459601498681 459801498691 B1T0HALR-000H2 459800913091 459800844121 459800914063 B2T0HMLB-000H1 | | |
| Mounting: | washer head, self-ta | | J429 Gr 8 bolts at base sheet metal screws to the bottom | | | |
| | Dimensions (in. | OFU | | Lowes | t Resonant Frequen | cy (Hz.) |
| Width | Depth | Height | Weight (lb.) | Side-Axis | Front-Axis | Vert-Axis |
| 23.6 | 43.0 | 79.8 | 695 | 15.2 | 8.5 | 27.9 |
| ICC-ES AC156 Sh | ake Table Test Param | eters | | 2 | | Code: 2016 CBC |
| S _{DS} (G) | z/h | Ι _Ρ | AFLX-H (G) 2 | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) |
| 2.0 2.5 | 1 0 | 1.5 DV• Ti | 3.2 Bilon | 2.4 | 1.68 | 0.68 |

Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

UUT1805-2 IQon Gen 5.3 Host w/ Host Rack 2/2022

| 0011003-2 | | HOSt W/ HOSt | | | | |
|---------------------|--|--|---|------------------------|------------------------|------------------------|
| Manufacturer: | Avnet Technology So Hewlett Packard (HP) | lutions (Taijin), Ltd. (A & Philips Healthcare | | | | |
| Identification: | Part No.: 4598014966 | BTI ORVIA BU | JIDING | ODE T | - | |
| Description: | Component of IQon C | T System | | | UUT-2 | |
| | <u>Includes:</u> Host Rack (Avne IQon Host z4, (HP Z4 Philips Healthcare Ge IMR Rack Seismic Kit | Computer) Part en 5.3 Host | No.: 459801496671 No.: 459801496981 No.: 459801561671 | | | |
| Mounting: | | using (4) – 3/8" dia. As aluminum interface pla | | | | |
| | Dimensions (in.) | | | Lowes | t Resonant Frequen | icy (Hz.) |
| Width | Depth | Height | Weight (lb.) | Front-Axis | Side-Axis | Vert-Axis |
| 13.0 | 35.3 | 29.9 | 189 | 26.7 | 8.2 | 25.8 |
| ICC-ES AC156 Sh | ake Table Test Parame | ters | | | | Code: 2016 CBC |
| S _{DS} (G) | z/h | l _P | A _{FLX-H} (G) | A _{RIG-H} (G) | A _{FLX-V} (G) | A _{RIG-V} (G) |
| 2.0 2.5 | 1 0 | 1.5 | 3.2 | 2.4 | 1.68 | 0.68 |
| Unit actisfied AC15 | 6 requirements for struc | tural integrity and man | | | 101501 | |



PHILIPS HEALTHCARE

ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 8 OF 8

| UUT2102-4 | Spectral Gen | 5.3 Host w/ H | lost Rack | | | | |
|---------------------|--|---|----------------------------|------------------------|------------------------|------------------------|--|
| Manufacturer: | Philips Healthcare & | Hewlett Packard (HP) |) | | | | |
| Identification: | ID No.: 45980190208 Serial No.: 7P19007 | 32 | | | A | | |
| Description: | Component of Spect component of IQon C | ral CT 7500 System in CT System | ncluded as basis for | | UUT-4 | | |
| | Spectral Gen 5.3 Hos CT Gen 5.3 Host Z4 | <u>st w/Host Rack includi</u> (459801898441) | ing: | | | | |
| | Weight includes exte | rnal mounting bracket | hardware | | | | |
| | Requires the use of F contains mounting ha | Philips Seismic Kit 459 ardware. | 9801561671 which | | | t | |
| Mounting: | <u>Rigid Base (Floor) m</u> Grade 5 bolts | ounted using (4) – 3/8 | a" dia. SAE J429 | | | - | |
| | Dimensions [in] | (EP) | | Lowes | t Resonant Frequen | icy [Hz] | |
| Width | Depth | Height | Weight [lb] | Side - Axis | Front - Axis | Vert - Axis | |
| 12.8 | 35.6 | 29.8 | 189 | 28.18 | 11.64 | 23.58 | |
| ICC-ES AC156 Sha | ke Table Test Parame | eters | DSP-0472 | C | | Code: 2019 CBC | |
| S _{DS} [G] | z/h | J. J. Postorooo | A _{FLX-H} [G] | A _{RIG-H} [G] | A _{FLX-V} [G] | A _{RIG-V} [G] | |
| 2.0 2.5 | 1 | B5/: Tin | othy ^{3j20} Pilan | 2.40 | 1.68 | 0.68 | |

Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.

