# EXACT
## IMAGING

# Assembly Test Form for Monitor Calibration - Service

## 1   Test Execution Summary

| | |
|---|---|
| Test Date: | 6/07/2023 |
| Tester (print & sign): | JORGE F. + DENIS C. |
| Monitor S/N: | 6127 2200 M |

## 2   Test Equipment Used

| Test Equipment | Model | Part Number | Serial Number |
|---|---|---|---|
| EIZO Monitor Scripts | N/A | 6456 | N/A |
| USB 3.0 Type A Male to B SuperSpeed Cable | N/A | N/A | N/A |
| EIZO UX2 Sensor | N/A | 7042 | N/A   SAN/567 n° 2249716 |
| Colorimeter | X-Rite | I1 displaypro | N/A |
| USB Keyboard | N/A | N/A | N/A |

**Notes:**
- All test equipment shall have up-to-date calibration in accordance with ISO 13485:2016 requirements.
- Observe all ESD rules as per SOP Electrostatic Discharge Controls.  Check wrist strap before starting.

## 3   Test Results

Test number corresponds to Assembly Test Procedure number.

### 3.1   ExactVu Monitor Calibration

| Test # | Pass Criteria | Pass/ Fail | Comments |
|---|---|---|---|
| 5.1 | Check Monitor Date of Manufacture | | Mfd: _2021-05-31_ <br><br> If 2018-12 or later, run sect. 5.1.1 <br> If 2018-11 or earlier, run sect. 5.1.2 |
| 5.1.1.1 <br><br> **ONLY** for monitors DOM 2018-12 or later | Choose one of the following: <br><br> ☐ RadiCS software already installed <br><br> ☑ RadiCS software installation required; Installation performed. | P | |
| | UX2 Sensor plugged in and detected | P | |
| | Checked System Hardware Version | | Please circle one: <br><br> (1) 2.6 or 2.9 <br><br> 2) 2.5 |
| | USB 3.0 Type A Male to B SuperSpeed Cable plugged in to the monitor and system. Skip if the system has 2.6 or 2.9 HW | | |
| | Acceptance Test Passed | P | Note: If test fails, section 5.1.1.2 must be run |
| 5.1.1.2 <br><br> **ONLY** for monitors DOM 2018-12 or later | This section ONLY needs to be run if the above acceptance FAILS or a new monitor was installed. <br> And ONLY for monitors DOM 2018-12 or later | | |
| | USB 3.0 Type A Male to B SuperSpeed Cable plugged in to the monitor and system. Skip if the system has 2.9 HW | P | |
| | "AllLockOff.bat" script executed | P | |
| | Monitor Menu -> Color and set: <br> • Mode to "User1" <br> • Brightness to "70" <br> • Contrast to "50" <br> • Temperature to "7500k" <br> • Gamma to "2.2" | P | |
| | Go to Control Panel -> Appearance and Personalization -> Display -> Change Display Settings -> Advanced Settings -> Color Management -> Color Management … <br><br> All Profiles are removed <br> "Use my settings for this device" is unchecked | P | |
| | Calibration Target set as: <br> • Lmax: "160.00" <br> • Lmin: check "Set Lmin as low as possible" <br> • Color: "7500" <br> • Display Function: "DICOM Part 14 GSDF" | P | |
| | QC Guideline set to "Basic QC Secondary" | P | |

| | | | | |
|---|---|---|---|---|
| | UX2 Sensor plugged in and detected | P | | |
| | Close the RadiCS tool | P | | |
| | Monitor Menu -> Color, record settings | | Mode:<br>Brightness:<br>Contrast:<br>Temperature:<br>Gamma: | User1<br>94<br>50<br>7500K<br>22 |
| | Reboot the system | P | | |
| | Exit to the Shell and kill the ExactVu App | P | | |
| | Monitor Menu -> Color, set the below to the values recorded previously:<br>• Mode:<br>• Brightness:<br>• Contrast:<br>• Temperature:<br>• Gamma: | P<br>P<br>P<br>P<br>P | | |
| | "AllLockOn.bat" script executed | P | | |
| | All monitor buttons are locked including the power button | P | | |
| | Acceptance Test Passed | P | | |
| 5.1.2.1<br><br>**ONLY** for monitors DOM 2018-11 or earlier | Choose one of the following:<br><br>☐ i1Profiler already installed<br><br>☐ i1Profiler installation is required. Installation performed. | NA | | |
| 5.1.2.2<br><br>**ONLY** for monitors DOM 2018-11 or earlier | I1 Display Pro Colorimeter plugged in. i1Profiler Software started and meter detected | NA | | |
| | ExactVuDICOM.dpxf loaded. Settings verified. | NA | | |
| | Colorimeter aligned and placed into the center of the monitor | NA | | |
| | Measurements completed. ExactVuDICOM.icm profile created | NA | | |
| | Results within tolerances:<br>• White Point: 7500K +/- 200<br>• Luminance: 160 cd/m^2 +/- 5 | NA | White Point result: _____<br>Black Luminance result: _____<br>Luminance result: _____ | |
| | Quality Measurement passed | NA | | |

D. CHARLET