



Assembly Test Form for Upgrading From ExactVu2.x to ExactVu2.9 (Windows 7)

1 Test Execution Summary

Test Date:	10/07/2023
Tester (print):	JORGE F. + DENIS C.
ExactVu System S/N:	6127 220011

2 Test Equipment Used

Test Equipment	Model	Part Number	Serial Number
External keyboard	NA	NA	NA
USB drive with files from Appendix A.	NA	NA	NA
EV29L Transducer	EV29L	6089	220037
CPM for ExactVu 2.9	NA	7196	NA
Production Tools Master	NA	6205	NA

Notes:

All test equipment shall have up-to-date calibration in accordance with ISO 13485:2016 requirements.

- Carefully observe proper Electrostatic Discharge Controls using grounding cord and wrist strap where applicable. Test grounding cord and wrist strap before using.

3 Overview

Action:	<input type="checkbox"/> Upgrade From : EV 2.5.x <input type="checkbox"/> To : EV 2.9 <input type="checkbox"/> Upgrade From : EV 2.6 <input type="checkbox"/> To : EV 2.9 <input checked="" type="checkbox"/> Upgrade From : EV 2.8.x <input checked="" type="checkbox"/> 2.8.1 (Build 128) To : EV 2.9
Current Versions:	ExactVu Software: Channel Board 0 FPGA: 1.0.4.47 Channel Board 1 FPGA: 1.0.4.47 Beamformer Control Board FPGA: 1.0.2.11 Beamformer Control Board Driver: 1.4.7.7

4 Test Results

Test number corresponds to Assembly Test Procedure number.

4.1 Upgrade Procedure

Test #	Pass Criteria	Pass/Fail	Comments
5.2.1	<p>The following items match one of these current versions:</p> <p>2.5.5:</p> <ol style="list-style-type: none"> ExactVu Software: 2.5.x Channel Board 0: 1.0.3.46 Channel Board 1: 1.0.3.46 BCB FPGA: 1.0.1.4 or 1.0.1.8 BCB Driver: 1.4.7.7 <p>2.6:</p> <ol style="list-style-type: none"> ExactVu Software: 2.6 Channel Board 0: 1.0.4.44 Channel Board 1: 1.0.4.44 BCB FPGA: 1.0.2.11 BCB Driver: 1.4.7.7 <p>2.8/2.8.1 on 2.5 HW:</p> <ol style="list-style-type: none"> ExactVu Software: 2.8.x Channel Board 0: 1.0.3.50 Channel Board 1: 1.0.3.50 BCB FPGA: 1.0.1.4 BCB Driver: 1.4.7.7 <p>2.8/2.8.1 (up to build 117) on 2.6 HW:</p> <ol style="list-style-type: none"> ExactVu Software: 2.8.x builds up to 117 Channel Board 0: 1.0.4.45 Channel Board 1: 1.0.4.45 BCB FPGA: 1.0.2.11 BCB Driver: 1.4.7.7 <p>2.8.1 (past build 117) on 2.6 HW:</p> <ol style="list-style-type: none"> ExactVu Software: 2.8.1 past build 117 Channel Board 0: 1.0.4.47 Channel Board 1: 1.0.4.47 BCB FPGA: 1.0.2.11 BCB Driver: 1.4.7.7 	P	(Build 128)
5.2.2	ExactVu Software Uninstalled	P	
	System was rebooted.	P	
5.2.3	FPGA Upgraded (skip if starting from 2.8SW/2.5HW or 2.8.1SW (past build 117)/2.6HW)	NA	

Test #	Pass Criteria	Pass/Fail	Comments
5.2.4	Windows Updates installed (skip if starting from 2.8) 1. Security Update (KB4474419) 2. Update (KB4490628) 3. Security Update (KB4480970) 4. Security Update (KB4592510) 5. Security Update (KB4580345)	NA	
5.2.5	ExactVu Software Installed	P	
5.2.6	The following items match what was installed: 2.5HW: 1. ExactVu Software: 2.9 2. Channel Board 0: 1.0.3.50 3. Channel Board 1: 1.0.3.50 4. BCB FPGA: 1.0.1.4 5. BCB Driver: 1.4.7.7 2.6HW: 1. ExactVu Software: 2.9 2. Channel Board 0: 1.0.4.47 3. Channel Board 1: 1.0.4.47 4. BCB FPGA: 1.0.2.11 5. BCB Driver: 1.4.7.7	2.9 1.0.4.47 1.0.4.47 1.0.2.11 1.4.7.7	ExactVu Software and Build Installed: <u>sn° 5166</u>
5.2.7	In Engineering-Mode: (skip if starting from 2.8) Preferences\Public\System\Dicom-Storage-Interval-Failure-Retry set to 60000	NA	
5.2.8	Image Quality Test completed according to ATP for Image Quality Testing for ExactVu System	P	Attach the ATF for Image Quality Testing for ExactVu system
5.2.9	System Run Test ran without errors (10 minutes)	P	

Additional comments:

Completed By: (Print and Sign)	Jorge F. Denis C.
Date Completed:	10/07/2023

Revision History

Date	Author	Revision	Description of Change
06 Dec 2022	L. Scalisi	1.0	Initial revision based on ATF for Upgrade EV2.x to EV2.8 Rev 1.7.
07 Dec 2022	L. Scalisi	1.1	Updated versions for test # 5.2.1 Updated test # 5.2.3