

Title: Installation Qualification Procedure

Document No: 730004135

Version No: 00

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IQ Test name: Test Software and Instrument Firmware Version			Test Script No.: IQ-04																															
Equipment No./ID: TE83064-15		Equipment Name: CPSM Final Test System																																
Installation Site: Venture: WPPL, Singapore																																		
Purpose: To verify that the installed firmware/software is correct per the applicable design/operational documents (TSP, ASP, MPR, BOM, and/or other Design documents). Test execution: List all critical instruments/components and/or sub-systems that require software and/or firmware in the Description column. List the associated required software/firmware version, as defined in the applicable design/operational documents, in the Acceptance criteria column. Verify that the software/firmware version on the Test Equipment match the acceptance criteria and are identical. Enter N/A for any parameter or cell that is not used or applicable. Objective evidence: Completed Test Script Data Sheet Identify the applicable design/operational document that defined the required software/firmware version(s) in the associated Installation Qualification Report. <table border="1"> <thead> <tr> <th>Description</th> <th>Acceptance criteria</th> <th>As found</th> <th>Pass/Fail</th> <th>Initial & Date</th> </tr> </thead> <tbody> <tr> <td>Test Equipment Software</td> <td>Version: 1.42</td> <td>Version:</td> <td></td> <td></td> </tr> <tr> <td>Instrument Firmware P/N: 186015085</td> <td>Version: 1.71.395</td> <td>Version:</td> <td></td> <td></td> </tr> <tr> <td>Instrument Firmware P/N: 186015088</td> <td>Version: 1.71.395</td> <td>Version:</td> <td></td> <td></td> </tr> <tr> <td>Instrument Firmware P/N: 186015017</td> <td>Version: 1.71.395</td> <td>Version:</td> <td></td> <td></td> </tr> <tr> <td>Instrument Firmware P/N: 186015046</td> <td>Version: 1.71.395</td> <td>Version:</td> <td></td> <td></td> </tr> </tbody> </table>					Description	Acceptance criteria	As found	Pass/Fail	Initial & Date	Test Equipment Software	Version: 1.42	Version:			Instrument Firmware P/N: 186015085	Version: 1.71.395	Version:			Instrument Firmware P/N: 186015088	Version: 1.71.395	Version:			Instrument Firmware P/N: 186015017	Version: 1.71.395	Version:			Instrument Firmware P/N: 186015046	Version: 1.71.395	Version:		
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Instrument Firmware P/N: 186015046	Version: 1.71.395	Version:																																
Comments: Test software version specified in 735002984, Rev. M, Ver. 11 Firmware for P/N: 186015085 and P/N: 186015088 specified in ECR #9221562 Firmware for P/N: 186015017 and P/N: 186015046 specified in ECR #9221627																																		
Overall Test Conclusion: ☐ Pass ☐ Fail																																		

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IQ Test name: Functional Verification		Test Script No.: IQ-06	
Equipment No./ID: TE83064-15		Equipment Name: CPSM Final Test System	
Installation Site: Venture: WPPL, Singapore			
Purpose: To verify that system transfer and/or qualification activities have not adversely affected system functionality. Test Execution: One UUT shall be tested to verify that the test equipment functions as expected. If the system creates and/or tests more than one part number, the UUT to be tested per this Script should be a “worst case” product, and defined within the associated Installation Qualification Report. Enter N/A for any parameter or cell that is not used or applicable. Objective Evidence: Completed Test Script Data Sheet Copy of the system Test Record for the UUT, if applicable.			
UUT Part Number/Serial Number	Acceptance criteria	Pass/Fail	Initial & Date
UUT Part Number: 186015085 UUT Serial Number:	All required CTQ Specification measurements result in a Pass.		
UUT Part Number: 186015088 UUT Serial Number:	All required CTQ Specification measurements result in a Pass.		
Comments:			
Overall Test Conclusion: ☐ Pass ☐ Fail			

Copy this Test Script as needed