



VERIFICATION & VALIDATION TEST REPORT

Battery Verification Test

1. Document Information

Document Number	VV-BATT-001
Document Revision	A
Report Version	1.0
Prepared By	Jack Phan
Reviewed By	_____
Report Status	DRAFT

2. Project Information

Session ID	BATT-2026-08-27_14-17-38
Project Name	V&V Automation Test Practice Demo
Test Suite	Battery Verification Test



Device Under Test	STM32 Battery Demo
DUT Serial Number	DEMO-DUT-001
Firmware Version	1.0.0
Operator	Jack Phan
Session Start	2026-08-27 14:17:38
Session End	2026-08-27 14:17:42
Duration	00:00:03

3. Test Summary

3 Total Tests	2 Passed	1 Failed	66.7% Pass Rate
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Overall Session Result	FAIL
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4. Detailed Test Results



Time	Test Case	Test Name	Actual V	Expected V	Actual Status	Expected Status	Result
08/27/2026 2:17:39 PM	BAT_001	Normal Battery Test	3.80	3.80	NORMAL	NORMAL	PASS
08/27/2026 2:17:41 PM	BAT_002	Low Battery Test	2.50	2.80	LOW	LOW	FAIL
08/27/2026 2:17:42 PM	BAT_003	Critical Battery Test	2.40	2.40	CRITICAL	CRITICAL	PASS

5. Failure Details

BAT_002 - FAIL

Expected[LOW, 2.80V], Actual[LOW, 2.50V]