تكامل
Takamol

Test Summary Report

June 29, 2025

Quality Assurance - Portfolio Control

General Status:
PASSED WITH ISSUES

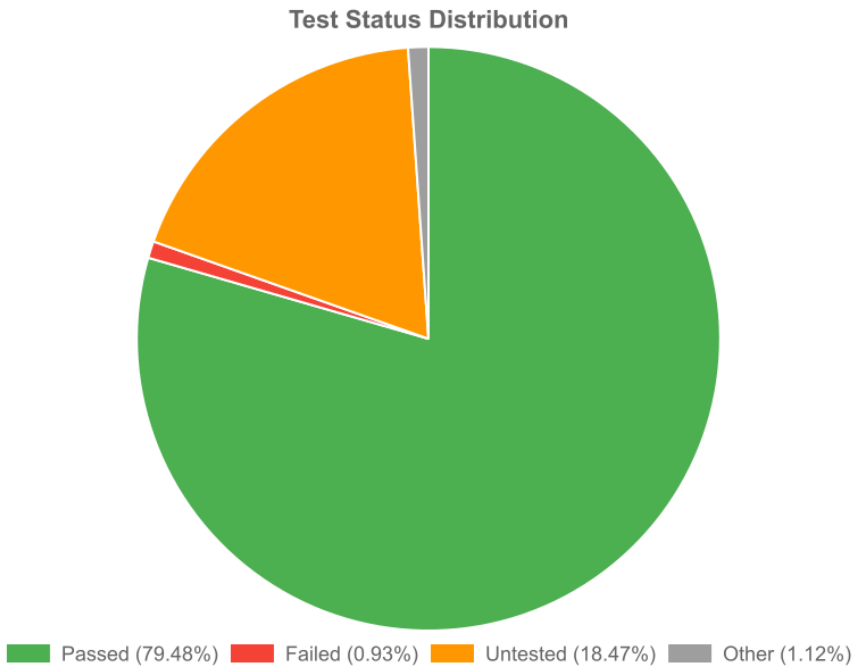
Overview

Pass Rate: **79.5%**

Total Cases: **536**

Total Bugs: **0**

Testers:
Mayada Elsamie, Unknown



Test Breakdown

Passed:
426 (79.5%)

Failed:
5 (0.9%)

Untested:
99 (18.5%)

Other:
6 (1.1%)

Detailed Test Cases

Test Case	Status	Ticket	Bugs
Validate signal strength stability	**Passed**	None	None
Check ground-to-space communication	**Passed**	None	None
Evaluate communication system's resistance to solar fl…	**Passed**	None	None
Test astronaut-to-astronaut communication	**Passed**	None	None
Evaluate emergency communication triggers	**Pending**	None	None
Maintenance notifications for communication systems	**Untested**	None	None
Verify system redundancy during failure	**Passed**	None	None
Test communication systems after reboot	**Passed**	None	None
Validate communication system response time	**Failed**	None	None
Verify message encryption and decryption	**Passed**	None	None
Test signal clarity under different conditions	**Passed**	None	None
Test communication system's performance during updates	**Untested**	None	None

Check communication system during power outage	**Untested**	None	None
Validate error logs for communication disruptions	**Deferred**	None	None
Verify laser communication system efficiency	**Passed**	None	None
Check compatibility with different communication devices	**Passed**	None	None
Test user interface for communication systems	**Blocked**	None	None
Validate data compression and decompression	**Passed**	None	None
TC-543 Testing automation	**Untested**	None	None
TC 544 Run Automation	**Untested**	None	None
Verify signal integrity over long distances	**Passed**	None	None
Assess bandwidth efficiency under different conditions	**Passed**	None	None
Confirm real-time communication feasibility	**Passed**	None	None
Check redundancy protocols for signal loss	**Passed**	None	None

Monitor power consumption during peak usage	**Passed**	None	None
Test automatic frequency tuning during interference	**Passed**	None	None
Validate data encryption methods for security	**Passed**	None	None
Error correction coding efficiency assessment	**Passed**	None	None
Antenna aiming accuracy during signal drift	**Passed**	None	None
Confirm seamless switch between communication modes	**Passed**	None	None
Evaluate data compression and decompression speeds	**Passed**	None	None
Check synchronization with ground stations	**Passed**	None	None
Long-distance signal strength maintenance test	**Passed**	None	None
Assess performance of noise reduction software	**Passed**	None	None
Evaluate software response to signal delays	**Untested**	None	None
Test fault tolerance during communication interruptions	**Passed**	None	None

Evaluate transmission time for interstellar messages	**Passed**	None	None
Validate decoding of received interstellar messages	**Passed**	None	None
Interstellar message compression efficiency check	**Passed**	None	None
Test encryption standards for interstellar messaging	**Passed**	None	None
Assess system latency during peak hours	**Passed**	None	None
Check compatibility with various alien languages	**Passed**	None	None
Test the handling of corrupted message data	**Passed**	None	None
Validate response time to received messages	**Untested**	None	None
Verify message integrity after long-distance transmission	**Passed**	None	None
Evaluate power consumption during active messaging	**Passed**	None	None
Evaluate connection stability under high traffic	**Untested**	None	None
Verify encryption protocols for data transfer	**Passed**	None	None

Check compatibility with different satellite models	**Untested**	None	None
Determine maximum data transmission rate	**Passed**	None	None

Notes

test