

Quality Assurance - Portfolio Control

General Status:

PASSED

Overview

Pass Rate: **39.9%**

Total Cases: **536**

Total Bugs: **0**

Tester(s):

Mayada Elsamie, Unknown

Status Distribution

Passed

● **214 (39.9%)**

Failed

● **47 (8.8%)**

Test Breakdown

Passed:

214 (39.9%)

Failed:

47 (8.8%)

Untested:

252 (47.0%)

Other:

23 (4.3%)

Detailed Test Cases

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

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

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

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

Check compatibility with different satellite models	Untested	None	N/A
Determine maximum data transmission rate	Passed	None	N/A