Table . Sprint 1 Test Results

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| Test Case Number | Requirement Number | Test Description | Expected Result | Actual Result | Pass/Fail |
| 1 | 3 | Start the application | The application’s GUI is opened and displayed. The GUI displays text fields where the user can enter a source IP address, destination IP address, and a port number. A transmit button is also available. | The GUI opened and displayed text fields where the user could enter a source IP address, destination IP address, and a port number. A transmit button was also displayed as well as a status bar. | Pass |
| 2 | 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 | Enter a valid source IP address, destination IP address, and port number in GUI text fields (123.123.123.123; 124.124.124.124; 12345, respectively). Click the transmit button. | The status bar displays a message stating, “Received Packet to Original Packet Ratio is 2150% “ | The status bar displayed a message stating, “Received Packet to Original Packet Ratio is 2150% | Pass |
| 3 | 3 | Start the application with no network available on the host machine. | The status bar displays a message stating, “Network Unavailable“. | N/A for this sprint | N/A for this sprint |
| 4 | 3, 5, 6, 7 | Enter invalid IP addresses (outside of IPv4 specifications) and invalid port numbers (less than 0 and greater than 65535). | The status bar displays a message stating, “Invalid Address or Port“. | N/A for this sprint | N/A for this sprint |
| 5 | 3, 8, 9, 10, 11 | Transmit a packet to a valid address and port, with no Open Arena server available to respond. | The status bar displays a message stating, “Transmission Unsuccessful“. | N/A for this sprint | N/A for this sprint |
| 6 | 3, 8, 9, 10, 11, 12 | Transmit a packet to an active Open Arena server using a valid source address that is incorrect for the machine running RdosTester. | The status bar displays a message stating, “Transmission Unsuccessful“. | N/A for this sprint | N/A for this sprint |
| 7 | 3 | Shutdown the application by clicking the “X” at the top right hand corner of the GUI. | The application’s GUI is closed. | The GUI closed | Pass |