

Description of Research, Project SAI-1

The overall goal of the SAI-1 mission, is to test and operate a prototype spacecraft bus in a space environment on board the International Space Station, installed on the NanoRacks External Platform. This will provide space heritage, and performance feedback for the design. The design elements to be tested include a supercomputing module, a spacecraft controller, and wireless communication between internal modules using Wifi and Bluetooth.

The Experimental License requested, is necessary to authorize radio transmission of data and commands between the experiment and the ground station at the Heber, UT location.