

Supplemental Exhibit

The efforts to be supported by the requested STA are developing an improved communications receiver for future satellite implementation. These efforts require ground-to-space transmissions for design performance optimization and validation. The planned transmissions are to test novel applications with space thus in line with space research. Jacobs proposed operations shall not cause harmful interference to Federal and non-Federal stations operating in accordance with the Table of Frequency Allocations. Jacob also affirms that it will accept any interference from authorized services operating in conformance with the frequency allocation table. The proposed center frequency for this request is 2050 MHz.