

Exhibit 1

Description of Operations

The Applicant seeks an experimental license for testing of a proprietary radar system used to track small unmanned aircraft systems (“sUAS”) and distinguish sUAS from other flying objects (e.g., other aircraft, birds, etc.). The Applicant’s radar system is designed specifically for small radar cross section (RCS) targets in high clutter environments. The testing is being conducted in furtherance of a contract with the United States Air Force, and will take place on and in the immediate vicinity of Joint Base San Antonio – Randolph.

The radar system used in this testing will be employed in a pulsed manner with a ~5% duty cycle and BPSK modulation in order to detect and track sUAS within the testing area.