

FCC Application for Experimental License STA

File Number: 0135-EX-ST-2014

Exhibit 1: Information on Experiment**Purpose of Experiment**

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental STA License for the operation of one SRC L-Band Radar. The purpose of our request is to test and develop new waveforms. SRC was granted an STA at the same requested location (WH9XGF, FCC File: 0030-EX-ST-2014) and has been given a new frequency assignment which necessitates the filing.

The period of time SRC will be requesting our Experimental STA is four months; over the period of February 1, 2014 through June 1, 2014. The radar will be operated up to 24 hours per day.

Operating Location

The SRC L-Band radar will be operated from a tripod 7 ft above ground at a fixed location within the radius of operation. The coordinates SRC will use are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Near Avon Park FL	27°38'33.93"N	81°23'4.40"W	85 ft.	5 Mile

Cease Buzzer for Experiment

SRC understands that operation will be on a secondary non-interference basis. In the event interference complaints were to occur, SRC has taken preventative measures to cease and desist from transmission until they can be resolved. SRC has established a Cease Buzzer point of contact to quickly react with any interference complaints that are the result of our system. The point of contact for the SRC Cease Buzzer is:

Point of Contact	Telephone Number
Cease Buzzer (Primary)	(315)-452-8000
Cease Buzzer (Secondary)	(315)-452-8114