

FCC Experimental License

File Number: 0449-EX-CN-2021

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

SRC respectfully requests to the Federal Communications Commission to grant us an experimental license for the operation of our AN/TPQ-50 Radars. The purpose of our request is to test and develop new waveforms in support of a Government Contract. SRC's operation has been pre-coordinated by the FAA.

The period of time SRC will be requesting our Experimental License is one year; over the period of June 2021 through June 2022. The radar will be operated up to 24 hours per day.

Operating Locations

The locations we will operate our radar are listed in the table below. The 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
Syracuse, N.Y.	43°07'51"N	76°05'21"W	397 ft.	6 km
Griffiss Int APT	43°13'40"N	76°24'22"W	473 ft.	2 km

Operating Schedule

SRC will operate the SRC Experimental Transmitter on the following schedule over the period of the Experimental License grant:

Schedule	Operations
Hours per day	Intermittently up to 24 hours per day

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