

## FCC Application for Experimental License STA

File Number: 0406-EX-ST-2020

### Exhibit 1: Information on Experiment

#### Purpose of Experiment

SRC Inc., respectfully requests to the Federal Communications Commission to grant an Experimental License for the operation of one SRCRWD01 Radar. The SRCRWD01 will be operated at ground level within the requested radius of operation. The purpose of this testing is to experimentally validate techniques for multifunction radar apertures.

The period of time the SRC will be requesting our Experimental License is over the period of May 1, 2020 through September 30, 2020. The radars will be operated intermittently up to 8 hours per day weather permitting.

#### Operating Locations

The SRCRWD01 will be operated at ground level over the period of May 1 - September 30, 2020. The coordinates the SRC Inc., will use are:

Location	Latitude	Longitude	Radius of Operation
3 km NW of Otisco Valley, NY	43°27'58.00"N	75°28'56.00"W	100 km
Arlington, VA	38°51'7.00"N	77° 2'57.00"W	100 km

#### Operating Schedule

SRCRWD01 radars will be operated on the following schedule over the period of the Experimental License grant:

Schedule	Operations
Hours per day	Intermittently up to 8 Hours per day, M-F

#### STOP Buzzer for Experiment

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

Point of Contact	Telephone Number
Cease Buzzer Primary	202-421-7227
Cease Buzzer Secondary	315-452-8114