

FCC Application for Experimental License STA

File Number: 0947-EX-CN-2018

Exhibit 1: Information on Experiment

Purpose of Experiment

This application is submitted on behalf of the County of Oneida N.Y., which respectfully requests that the Federal Communications Commission to grant us an Experimental License for the operation of one SRC-1494 V2 Radar. The purpose of the County's request is conducting UAS airspace integration testing at the Griffiss International Airport, in Rome, N.Y..

The operation of the SRC-1494 V2 Radar has been pre-coordinated by the FAA (NG T180867).

The period of time the County of Oneida will be requesting our Experimental STA is over the period of January 1, 2019 through January, 1 2020. The radar will be operated during normal duty hours and weather permitting.

Operating Location

The SRC-1494 V3 radar will be operated from a tripod 7 ft. above a fixed structure (Aircraft Hangar at 73 ft AGL) location at 474 ft AMSL (Total AMSL=553 ft). The coordinates SRC will use are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Griffiss International Airport Rome, N.Y.	43°13'37"N	75°24'23"W	553 ft.	1 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)	315-736-4171
Cease Buzzer (Secondary)	315-790-3077