

FCC Application for Experimental STA

File Number: 0122-EX-PL-2016

Exhibit 1: Information on Experiment

Purpose of Experimental STA Request

Gryphon Sensors LLC is filing for an Experimental License for the purpose of radar testing and demonstration of the SRHawk in rural and urban environments. The period of time for this request is two years over the period April 2016 through April 2018.

Locations

Gryphon Sensors LLC will be operating from a pool of up to twenty (20) SRC-3554 Radar at the following locations:

Location	Latitude/Longitude	Mobile
Syracuse, N.Y.	43° 7'49.00"N 76° 5'5.00"W	80 km
All 50 States	North/West	United States

SRC-3554 Frequency Requirements

A single SRHawk (SRC-3554) radar requires only one frequency within the 16.21-16.5 GHz operating band of the system to operate.

Operating Schedule

The operating schedule Gryphon Sensors LLC will use for the SRC-3554 Radar during the course of the Experimental grant is:

Schedule Times	Date
Start Date of Experiment	April 2016
Stop Date of Experiment	April 2018
Daily Operation during Experiment	Intermittently Up to 24 hours per day

Interference Mitigation

The SRC-3554 radar can blank transmissions from 0 and 360 degrees in azimuth if necessary to protect other services that may be operating.

Coordination

Prior to transmitting with the SRHawk outside of the Syracuse, N.Y. radius of operation, Gryphon Sensors LLC will coordinate with licensees affected within the frequency band of operation utilized by the SRHawk. Gryphon Sensors will perform analysis to ensure incumbent/licensed users of the spectrum are not impacted by interference from SRHawk operations.

Cease Buzzer Point of Contact

Gryphon Sensors understands that operation will be on a secondary non-interference basis. In the event interference complaints were to occur, preventative measures to cease and desist from transmission will be taken until they can be resolved. Cease Buzzer points of contact are listed below to quickly react with any interference complaints that are the result of our system.

Point of Contact	Telephone Number
Cease Buzzer Primary	315-436-6711
Cease Buzzer Secondary	585-330-0413