

FCC Application for Experimental License

File Number: 0258-EX-CM-2019

Exhibit 1: Project Information**Purpose**

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental License for the operation of 5 Rajant LX-4 Telemetry Radios for the purpose of testing in support of Government Contracts W31P4Q-17-C-0068, and W31P4Q-17-C-0157.

Requested Period for Experimental License

SRC is requesting a two-year period October 2019 through October 2021.

Equipment Information

The following equipment will be used for this Experimental License:

Device	Make/Model	Frequency Band	Emission Designator	Power Output
Telemetry Radio	Rajant LX4	4800-4920MHz	21M3DID	400 mW
Telemetry Radio	Rajant LX4	4800-4920MHz	21M3GID	400 mW

Operating Location

The coordinates SRC will use for this request are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Syracuse, NY	43° 7' 52"N	76° 5' 20"W	405 ft	3 KM
Rome, NY	43° 13' 40"N	76° 24' 22"W	472 ft	3 KM

Cease Buzzer Point of Contact

SRC is aware that there are other services that utilize the spectrum in which our system is capable of operating. 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
Primary Cease Buzzer	(315)-452-8818
Secondary Cease Buzzer	(315)-452-8114