

FCC Application for Experimental License

File Number: 0894-EX-CN-2019

Information on Experiment

Purpose of Experiment

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental License for the operation of Persistent Systems MPU5 Radios for the purpose of testing and development. The period of time SRC will be requesting our Experimental License is from 11/1/2019 through 11/1/2021.

Operating Location

The MPU5 radios will be operated at two locations within their specified radius of operation:

Location	Latitude	Longitude	Radius of Operation (kilometers)
Whitelaw, NY	43° 08' 03" N	75° 45' 15.36" W	40 km
Glencoe OK	36°16' 11.85" N	96° 50' 15.44" W	20 km

Frequency Requirements for Each Operating Location

The MPU5 radios will require the following frequencies for conducting testing:

Frequency (MHz)	ERP (Watts)	Emission Designator
4500	14.6	20M0W7D
4700	14.6	20M0W7D
4715	14.6	20M0W7D
4800	14.6	20M0W7D
4810	14.6	20M0W7D

Cease Buzzer Point of contact

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	580-595-1090