

Modification of FCC Experimental License WF2XHA

FCC File Number: 0232-EX-ML-2014

Addition of SRHawk V3 Radar to WF2XHA Experimental License

The purpose of this Exhibit is to modify our existing FCC Experimental License WF2XHA to include the SRHawk V3 radar. The purpose of our request is waveform development and testing of the SRHawk V3.

SRHawk V3 Specifications

SRC respectfully requests to the Federal Communications Commission to modify the Experimental License grant for WF2XHA to include:

- System: SRHawk V3
- Frequency Range: 16.21 GHz -16.5 GHz
- Emission Designator: 5M00Q3N
- Transmitter power output: 40 W PEP
- Effective Radiated Power (ERP): 18.6 kW
- Number of radars: up to 8

Period of Experimental License Request

The period of time SRC will be requesting our Experimental License is consistent with our existing grant. Radars will be operated up to 24 hours per day.

Operating Location

The SRHawk V3 radar will be operated from a tripod 7 ft. above ground at a fixed location within the existing radius of operation. The coordinates SRC will use are:

Location	Latitude	Longitude	Radius of Operation
Syracuse, NY	43°07'52"N	76°05'21"W	80 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)-452-8114