

Lowell Massachusetts Low Power X-Band Radar Experimental License

1 Purpose of Operation

To perform research and development activities with a Low Power X-Band Radar. Frequency authorization is being requested for 9410 MHz in order to perform research and development activities with a Low Power X-Band Radar used to perform precipitation studies. Technical Synopsis: - Spectrum needed: 9410 MHz - Power levels requested: 193 KW ERP - Expected time of use: Anywhere from 0600-2200, 12-16 hours/day, 5-7 days/week. Want to continue operate the STA WJ9XAY authorized.

- File Number: 0101-EX-PL-2016

- Class of Station: MO

- Station Locations: MO

- Effective: 02/24/2016

- Expiration: 02/24/2017.

2 Experimental Explanation

Conduct developmental testing and evaluation Low Power X-Band Radar system at the Lowell Mass. Facility.

3. Stop Buzzer:

Steven Snay (Phone: 978-934-3373, Cell: 978-995-7730)

Purpose of Operation

Please explain the purpose of operation: - Stop buzzer contact: Steven Snay (Phone: 978-934-3373, Cell: 978-995-7730)