

# KRFS Experimental License Request for Fort Sill, OK

## 1. Purpose of Operation

Raytheon Integrated Defense Systems (IDS) to KRFS Multi-Function RF System (Radar). Development Planning and Experimentation (SDPE) Directed Energy (DE) Counter Unmanned Aerial Systems (C-UAS) Program

- File Number: 0597-EX-CN-2019
- Class of Station: FX
- Station Locations: FIXED
- Effective: 04/11/2019
- Expiration: 10/11/2020

Note: The KRFS is designed to operate over specific frequency ranges within the range of 15.71 to 17.71 GHz. Specific operating modes are confined to the specific bands as follows:

- 15.71 to 17.71 GHz Radar: C-RAM
- 15.71 to 17.71 GHz Missile Illumination

## 2. Explanation

As detailed in paragraph 1 above, Raytheon seeks this Experimental license in order to allow testing and technical demonstrations of the KRFS System (Radar).