

EXHIBIT 1
Experimental License Renewal
Form 405 File # 0479-EX-CR-2017
Call Sign: WH2XZV

Overview

Raytheon Company (“Raytheon”) develops advanced communications technologies that are utilized by the federal government. These technologies require extensive field testing to ensure the highest level of performance. Raytheon is filing this application to renew its experimental license for continued outdoor testing of communications technologies in support of its product development.

Description of Experiment

Raytheon has established two outdoor RF testing ranges in Wilsonville and Aurora, Oregon. Raytheon will test radio systems operating on mobile airborne platforms utilizing the 420–450 MHz band. The tests will occur within a 3-mile radius of the coordinates designated in the initial license application.

Raytheon will perform approximately one test per month between the hours of 9 a.m. – 3 p.m. for a period of approximately 1–3 hours. Not all of the spectrum will be utilized at the same time, and the duty cycle of the radios is 50%.

Stop Buzzer Point of Contact

Kevin Chapman
Mobile: (703) 283-6708
Office: (571) 250-2083
kchapman@raytheon.com

License Contact Information

For questions about this license, please contact:

Brian R. Kavalari, Spectrum Manager
Tel: (317) 306-7793
brian_r_kavalari@raytheon.com

Thomas A. Voltero, Jr., Counsel
Tel: (781) 522-5843
thomas.a.voltero@raytheon.com