

Raytheon IIS
Renewal Application WG2XLB
File No: 0440-EX-RR-2015

Explanation of Experiment

Raytheon Intelligence, Information and Services (Raytheon IIS) is seeking to renew this license to continue research and development that began under the Raytheon IDS division in 2013.

The research being conducted under this license is part of a series of experiments being conducted to see if advances in command and control radio systems, combined with microwave backhaul can be linked with advanced surveillance radar to service a number of purposes of Raytheon's federal customers, including developing an advanced border protection technology package.

Summary of Experiment:

Spectrum Needed: frequencies in the 11 GHz band
Power level: 9.7 to 10.1 W ERP, low powered operation
Area of operation: remote location outside of Las Cruces, New Mexico

Spectrum Use:

These frequencies in the 11 GHz band are proposed to be used for development of advanced command and control function in the system under development.

Stop Buzzer Point of Contact:

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Conclusion:

Raytheon is seeking to renew, for 24 months, its experimental license WG2XLB so that it can continue its work developing advanced systems that will integrate high quality surveillance, broadband backhaul and advanced command and control.

For more information about this application please contact Brian R. Kavalor, Spectrum Manager, Raytheon IIS, 317-517-9989, brian_r_kavalor@raytheon.com or Anne L. Cortez, Washington Federal Strategies, 520-360-0925 or alc@conspecinternational.com.