PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

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WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

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## Report No. 467 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 3/1/15 to 3/31/15:

* **AEROSPACE CORPORATION, THE WH2XNX 0787-EX-PL-2014**

New experimental to operate on 914.7 MHz for CubeSat mission testing

Fixed: El Segundo (Los Angeles), CA; College Station (Brazos), TX; Gainsville (Alachua), FL; Honolulu (Honolulu), HI; Mt. Wilson (Los Angeles), CA; Nongeostationaary Space Orbit

* **BOEING COMPANY, THE WH2XMU 0770-EX-PL-2014**

New experimental to operate on select frequencies between 2410.75 and 2495.00 MHz for Testing various components used in research and development of unmanned system.

Fixed & Mobile: Barking Sands (Kalui) , HI

* **BOEING COMPANY, THE WH2XPO 0032-EX-PL-2015**

New experimental to operate in 30.00 - 31.00 GHz to support operation of Inmarsat mobile terminals.

Mobile: Continental US

* **BOEING COMPANY, THE WH2XQR 0105-EX-PL-2015**

New experimental to operate in 2396.00 - 2478.00 MHz for testing UAS communication systems.

Fixed & Mobile: Boardman (Morrow), OR

* **EVOLV TECHNOLOGIES, INC. WH2XRB 0095-EX-PL-2015**

New experimental to operate in 24.00 – 30.00 GHz for testing imaging technology

Fixed: Waltham (Middlesex), MA

* **FLORIDA, UNIVERSITY OF WH2XPZ 0029-EX-PL-2015**

New experimental to operate in 5.33 - 5.53 GHz for development of small, light and simple radar used for object detection on robots.

Mobile: University of Florida Campus, Gainesville, Florida

* **HUNTINGTON INGALLS WF2XJA 0889-EX-PL-2014**

New experimental to operate on 385.0375, 385.0875, 385.7125, 385.7625, 385.8375, 385.9625, 395.575, 395.775, 395.975, 397.05, 397.3 and 397.45 MHz to support USCG contract.

Mobile: Pascagoula, MS

* **IMSAR LLC WH2XOP 0894-EX-PL-2014**

New experimental to operate in 758.00 - 769.00 and 788.00 - 799.00 MHz to test synthetic aperture radar.

Mobile: Springville, UT; China Lake, CA; Dugway Proving Ground, UT

* **INHAND ELECTRONICS, INC WH2XQM 0068-EX-PL-2015**

New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.

Fixed: Melbourne (Brevard), FL

* **INTELLISAW WH2XQA 0057-EX-PL-2015**

New experimental to operate in 425.00 - 442.00 MHz to evaluate the utility of wireless passive sensors.

Fixed: Intercession City (Osceola), FL

* **JAMES V. POLL WH2XQC 0040-EX-PL-2015**

New experimental to operate in 465.00 - 480.00 kHz for antenna testing

Fixed: Allen (Collin), TX

* **KYMETA CORPORATION WH2XQD 0071-EX-PL-2015**

New experimental to operate in 28.35 - 29.10 and 29.50 - 30.00 GHz for developing a microwave satellite antenna technology.

Fixed: Continental US

* **LOCIVA WH2XQO 0098-EX-PL-2015**

New experimental to operate in 704.00 - 746.00, 1710.00 - 1755.00 and 2110.00 - 2155.00 MHz to test and demo 4G LTE.

Fixed & Mobile: Aberdeen Proving Grounds (Harford), MD

* **LOCKHEED MARTIN CORPORATION WH2XQB 0059-EX-PL-2015**

New experimental to operate in 93.00 - 95.00 GHz to build and operate a short range radar system.

Fixed: Orlando and Christmas (Orange), FL;

* **OCEUS NETWORKS WH2XPC 0013-EX-PL-2015**

New experimental to operate in 758.00 - 768.00 and 788.00 - 798.00 MHz for Public Safety testing

Fixed & Mobile: The Colony (Denton), TX

* **PERFECTO MOBILE WH2XRA 0092-EX-PL-2015**

New experimental to operate on 1575 MHz for testing radionavigation satellite service (RNSS) equipment and systems.

Fixed: Chandler (Maricopa), AZ

* **QUALCOMM TECHNOLOGIES, INC WH2XQP 0821-EX-PL-2014**

New experimental to operate in 2.9-3 GHz to test and develop a wireless communication technology.

Fixed: Bridgewater (Somerset), NJ

* **RAYTHEON COMPANY WH2XGQ 0444-EX-PL-2014**

New experimental to operate on 11749.00, 11750.75, 14049.00 and 14050.75 MHz for Hop Devil Support Loopback

Fixed: Sunnyvale (Santa Clara), CA

* **RAYTHEON TECHNICAL SERVICES COMPANY WH2XQN 0025-EX-PL-2015**

New experimental to operate on 2316.00 MHz and in 2345.00 - 2507.00 MHz to test and develop a voice and data communication technology.

Mobile: Indianapolis (Marion), IN

* **RHIZONE INC. WH2XQL 0067-EX-PL-2015**

New experimental to operate on 76.449 GHz to test and demonstrate a radar system for the Minnesota Dept. of Transportation.

Fixed: Minneapolis, MN

* **SRC, INC. WH2XPY 0060-EX-PL-2015**

New experimental to operate in 16.21-16.5 GHz for demonstration of a radar in a wind farm environment.

Mobile: Kevin, MT