

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
455 12TH STREET, S.W.  
WASHINGTON, D.C. 20554

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

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## **Report No. 464                      EXPERIMENTAL ACTIONS**

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 12/1/14 to 12/31/14:

- **BEARTOOTH RADIO INC 0711-EX-PL-2014 WH2XLW**  
New experimental to operate in 137.00 - 174.00 and 400.00 - 470.00 MHz for testing a new device.  
Mobile: Bozeman, MT
- **BLUE DANUBE LABS 0604-EX-PL-2014 WH2XJK**  
New experimental to operate in 1930.00 - 1990.00 and 2110.00 - 2155.00 MHz for testing a phases array active antenna system.  
Fixed: Warren (Somerset), NJ; Picatinny Arsenal (Morris), NJ; Edinburg (Shenandoah), VA
- **BOEING COMPANY, THE 0463-EX-PL-2014 WH2XKM**  
New experimental to operate on frequencies between 973.00 and 1184.00 MHz for safety of flight testing.  
Mobile: Palmdale, CA
- **BOEING COMPANY, THE 0731-EX-PL-2014 WH2XMA**  
New experimental to operate on frequencies between 602.00 and 794.00 MHz for testing a receiver box.  
Fixed: Middletown, DE
- **BOEING COMPANY, THE 0740-EX-PL-2014 WH2XMD**  
New experimental to operate on frequencies between 6100.00 and 8500.00 MHz testing antennas.  
Fixed: Thurmond and Germantown, MD

- **BOEING COMPANY, THE 0820-EX-PL-2014 WH2XNS**  
 New experimental to operate on frequencies between 1619.90 and 1991.70 MHz for testing equipment.  
 Fixed: Middletown, DE
- **BRAXTON TECHNOLOGIES 0713-EX-PL-2014 WH2XMW**  
 New experimental to operate in 437.34 - 437.35 MHz for testing cubesat from ground station.  
 Fixed: Colorado Springs (El Paso), CO
- **EAGLE PROJECT CORP. 0781-EX-PL-2014 WH2XMV**  
 New experimental to operate on 1792 MHz for testing broadband equipment  
 Fixed: McLean (Fairfax), VA; Arlington (Arlington), VA; Washington, DC; Sierra Vista (Cochise), AZ; Los Angeles (Los Angeles), CA; San Francisco (San Francisco), CA
- **ELTA NORTH AMERICA 0710-EX-PL-2014 WH2XNE**  
 New experimental to operate on 10 GHz for testing radar equipment  
 Fixed: Fulton (Howard), MD; Sierra Vista (Cochise), AZ; Kingwood (Preston), WV; Hattiesburg (Perry), MS;
- **GLOBALSTAR 0742-EX-PL-2014 WH2XNQ**  
 New experimental to operate on 2484 MHz to research use as a terrestrial low-power service.  
 Fixed: San Carlos, CA
- **GOOGLE INC. 0722-EX-PL-2014 WH2XNF**  
 New experimental to operate in 3550-3575 MHz for testing and measuring propagation losses.  
 Mobile: Arlington, Virginia
- **HARRIS CORPORATION 0782-EX-PL-2014 WH2XNI**  
 New experimental in 1755-1850 MHz to replicate in-theater tactical communication operation.  
 Fixed City: Rochester State: NY
- **INTELLISAW 0764-EX-PL-2014 WH2XMK**  
 New experimental to operate in the 400 MHz band to test a radio system.  
 Fixed: Lincoln (Providence), RI
- **LOCKHEED MARTIN CORPORATION 0560-EX-PL-2014 WH2XLJ**  
 New experimental to operate in bands between 4.00 and 12000.00 MHz for field testing of a broad range of signal emissions.  
 Mobile: Moorestown, NJ
- **LOCKHEED MARTIN CORPORATION 0703-EX-PL-2014 WH2XMX**  
 New experimental to operate in bands between 4.00 and 12000.00 MHz to perform over-the-air testing of RF processing capabilities.  
 Fixed & Mobile: Cherry Hill (Camden), NJ
- **MOMENTUM DYNAMICS CORPORATION 0789-EX-PL-2014 WH2XNC**  
 New experimental to operate on 20.00 kHz to test wireless charging for electric vehicles.  
 Fixed: New York (New York), NY
- **MOMENTUM DYNAMICS CORPORATION 0775-EX-PL-2014 WH2XNB**  
 New experimental to operate on 20.00 kHz to test wireless charging for electric vehicles.  
 Fixed: Reading (Berks), PA; Malvern (Chester), PA

- **MUSTANG TECHNOLOGY GROUP LTD 0791-EX-PL-2014 WH2XNP**  
 New experimental to operate in 1600.00 - 2320.00 and 2345.00 - 2400.00 MHz to design, develop, and test proximity sensor radar.  
 Fixed & Mobile: Plano (Collin), TX
- **NORTHROP GRUMMAN SYSTEMS CORPORATION 0753-EX-PL-2014 WH2XNH**  
 New experimental to operate in 9.55-9.9 GHz for conducting tests and evaluations of experimental equipment designed to transmit data on a TCDL-type link to a radar system under test.  
 Fixed & Mobile: Linthicum (Anne Arundel), MD; Georgetown (Sussex), DE
- **NORTHROP GRUMMAN SYSTEMS CORPORATION 0794-EX-PL-2014 WH2XNJ**  
 New experimental to operate on 73.5 GHz for testing and evaluation of equipment for possible RF backbone use.  
 Fixed: Redondo Beach (Los Angeles), CA
- **PLANETARY SOCIETY, THE 0661-EX-PL-2014 WH2XLK**  
 New experimental to operate on 437.435 MHz for  
 Lightsail CubeSat operating  
 Mobile: Nongeostationary Space Orbit
- **ROCKWELL COLLINS, INC. 0737-EX-PL-2014 WH2XMG**  
 New experimental to operate on 9468.90 MHz to design and test of weather radar product.  
 Mobile: Throughout United States airspace
- **RONALD R DOUGLASS SR 0719-EX-PL-2014 WH2XND**  
 New experimental to operate 472-479 kHz for Amateur testing  
 Fixed: Phoenix, AZ
- **SEITNER, JACK 0725-EX-PL-2014 WH2XNG**  
 New experimental to operate in 465-478 MHz to evaluate the use of the 600 meter band for amateur radio as part of the ARRL network operating under experimental license WD2XSH.  
 Fixed: Doylestown (Bucks), PA
- **SPIDERCLOUD WIRELESS, INC 0689-EX-PL-2014 WH2XOE**  
 New experimental to operate in 798-821 MHz for testing of multiple vendor portable equipment interoperating with the femto cell base station under development.  
 Fixed: San Jose (Santa Clara), CA
- **STEVE C. FLOOD 0844-EX-PL-2014 WH2XNV**  
 New experimental to operate in 472.00 - 479.00 kHz for testing antennas  
 Fixed: Turah (Missoula), MT
- **TED & KARYN HUME CENTER FOR NATIONAL SECURITY AND TECHNOLOGY  
 0707-EX-PL-2014 WH2XLV**  
 New experimental to operate in bands between 138.00 and 1990.00 MHz for testing a test bed.  
 Fixed & Mobile: Blacksburg, VA