

PUBLIC NOTICE

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

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

Released: March 27, 2014

Report No. 454 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 2/1/14 to 3/1/14:

- **BOEING COMPANY, THE 0754-EX-PL-2013 WG2XYP**
New experimental to operate in bands between 12.701 GHz and 30.00 GHz for testing a new satellite system inside shielded and anechoic chambers.
Fixed: El Segundo (Los Angeles), CA
- **BOEING COMPANY, THE 0019-EX-PL-2014 WG2XZZ**
New experimental to operate in bands between 3.004 MHz and 21.9324 MHz to conduct EMI/EMC testing of the aircraft.
Mobile: Flightline and Hangar operations, San Antonio, TX
- **BOEING COMPANY, THE 0033-EX-PL-2014 WH2XAA**
New experimental to operate in 460.40 - 467.60 MHz for testing to verify the signal fidelity and quality of a DRT software.
Mobile: Thurmont, MD
- **BROADCOM CORPORATION 0015-EX-PL-2014 WH2XAN**
New experimental to operate in 2500 – 2570 MHz and 2620 – 2690 MHz for testing LTE equipment.
Mobile: Irvine, CA
- **DRS C3 & AVIATION COMPANY 0067-EX-PL-2014 WH2XAZ**
New experimental to operate on 3.3 GHz for equipment testing
Mobile: Nationwide Temporary Fixed Ground Demonstrations
- **DYNETICS, INC. 0081-EX-PL-2014 WH2XBY**
New experimental to operate on 5.3 GHz for Radar testing
Mobile: Temporary Fixed Ground Operations, Huntsville, AL

- **GE GLOBAL RESEARCH 0753-EX-PL-2013 WG2XZW**
 New experimental to operate in 2360-2483.5 MHz for research and experimentation related to the medical body area network
 Mobile: 1 Research Circle, Niskayuna, NY
- **HONDA R & D AMERICAS, INC. 0341-EX-PL-2013 WG2XYH**
 New experimental to operate in 54-3100 MHz for testing and tuning new automobile antenna test designs.
 Fixed: East Liberty (Logan), OH
- **KENWOOD COMMUNICATIONS CORPORATION 0747-EX-PL-2013 WG2XYJ**
 New experimental to operate in 1.80 - 30.00 MHz to test products
 Mobile: Suwannee, GA
- **LILEE SYSTEMS, LTD. 0047-EX-PL-2014 WH2XAI**
 New experimental to operate in 217-222 MHz to support Positive Train Control (PTC) mandated by FRA
 Fixed: Milpitas (Santa Clara), CA
- **LUMINATE WIRELESS, INC. 0790-EX-PL-2013 WH2XAC**
 New experimental to operate in 1710 – 1755 MHz, 1850 – 1910 MHz, 2110 – 2155 MHz and 2496 – 2690 MHz to test various wireless technologies.
 Mobile: Cupertino, CA
- **MOREHEAD STATE UNIVERSITY SPACE SCIENCE CENTER 0635-EX-PL-2013 WG2XYI**
 New experimental to operate in 2055.3454 - 2056.655 MHz to support DOVE Cubesats
 Fixed: Morehead (Rowan), KY
- **MUSTANG TECHNOLOGY GROUP, LP 0750-EX-PL-2013 WE2XSK**
 New experimental to operate in 5250 – 5600 MHz and 5650 – 5900 MHz to test a prototype radar.
 Mobile: Lake Texoma, TX
- **NEANY INC 0100-EX-PL-2014 WH2XBT**
 New experimental to operate in bands between 698 MHz and 2170 MHz for demonstrations of 3G and 4G technology
 Mobile: China Lake NWS, CA
- **NEANY INC 0101-EX-PL-2014 WH2XBU**
 New experimental to operate in 704 - 716 MHz and 734 - 746 MHz to perform installation of the Oeucs Xiphos LTE system onboard a Tigershark UAV and
 Mobile: Yuma Proving Ground (Yuma), AZ
- **NORTHROP GRUMMAN 0727-EX-PL-2013 WH2XAG**
 New experimental to operate on 2067 MHz for demonstration to potential customers of signals generated by a signal generator
 Fixed: Colorado Springs (El Paso), CO
- **OPTICS 1, INCORPORATED 0571-EX-PL-2013 WG2XYR**
 New experimental to operate on 1227.60 and 1575.50 MHz for testing radionavigation satellite service (RNSS) equipment and systems
 Fixed: Bedford (Hillsborough), NH

- **RAYTHEON TECHNICAL SERVICES COMPANY 0043-EX-PL-2014 WH2XAH**
 New experimental to operate on 9.31 GHz, 9.50 GHz, 9.70 GHz and 9.90 GHz to test antenna for F-15 program.
 Fixed: Indianapolis (Marion), IN
- **SCALED COMPOSITES LLC 0732-EX-PL-2013 WG2XXZ**
 New experimental to operate on 1227.6 MHz and 1575.42 MHz to test and develop GPS systems and equipment in experimental aircraft and payloads.
 Fixed: Mojave (Kern), CA
- **SIERRA NEVADA CORPORATION 0073-EX-PL-2014 WH2XAY**
 New experimental to operate on 13.325 GHz for an experimental airborne tracking system.
 Mobile: Stead Airport near Reno, Nevada
- **THALES COMMUNICATIONS INC. 0628-EX-PL-2013 WG2XXD**
 New experimental to operate in bands between 138.00 MHz and 869.00 MHz for testing equipment.
 Mobile: Clarksburg, MD
- **VISTA RESEARCH 0070-EX-PL-2014 WH2XAS**
 New experimental to in 9.38 - 9.44 GHz to operate testing radars.
 Mobile: Inyokern, CA
- **WARREN H. ZIEGLER 0012-EX-PL-2014 WH2XBA**
 New experimental to operate in 27.00 - 59.00 kHz for amateur radio testing
 Fixed & Mobile: Wayland, MA; Penn Yan, NY; Stanfield, NC; Palmer, AK; Carefree, AZ; Flower Mound, TX; Arlington, VA; Woodville, AL; Burlington, CT