

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: December 13, 2013

Report No. 449 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 9/1/13 to 10/1/13:

- **BOEING COMPANY, THE 0491-EX-PL-2013 WG2XUF**
New experimental to operate on 114.075 MHz for testing antennas
Fixed: Spokane, WA; Moses Lake, WA
- **DELL INC. 0551-EX-PL-2013 WG2XWQ**
New experimental to operate in 1710 – 1755 and 2110 - 2155 MHz for tyesting in building femtocell
Fixed & Mobile: Austin and Round Rock, TX
- **DREXEL UNIVERSITY 0589-EX-PL-2013 WG2XWF**
New experimental to operate on 437 MHz for Cubesat testing
Mobile: Nongeostationary Space Orbit
- **DRS C3 & AVIATION COMPANY 0474-EX-PL-2013 WG2XVH**
New experimental to operate in 10.25 - 10.50 GHz for equipment testing
Mobile Temporary Fixed Ground Operations, Sahuarita, AZ
- **GENERAL DYNAMICS C4 SYSTEMS 0397-EX-PL-2013 WG2XWO**
New experimental to operate in 699-716 MHz and 729-746 MHz to conduct testing and demonstration activities of
Mobile: Fort Dix, NJ
- **LOCKHEED MARTIN CORPORATION 0534-EX-PL-2013 WG2XVA**
New experimental to operate in 900 MHz band Equipment testing
Mobile: San Miguel [SAN LUIS OBISPO], CA; Edinburgh [JOHNSON], IN; Suffolk, VA; Yorktown [YORK], VA; Marietta [COBB], GA; Avon Park [POLK], FL; Herndon [FAIRFAX], VA; Ft Belvoir [FAIRFAX], VA;
- **PANASONIC AVIONICS CORPORATION 0274-EX-PL-2013 WG2XRK**
New experimental to operate in 956 – 958 MHz for testing Panasonic Global Communications Suite opera
Mobile Temporary fixed, aircraft parked, Newark (Essex), NJ
- **RAYTHEON COMPANY 0572-EX-PL-2013 WG2XVY**
New experimental to operate in 5.40 - 5.50 GHz To test radar system
Fixed: Pelham, NH

- **RAYTHEON IDS 0557-EX-PL-2013 WG2XVU**
 New experimental to operate on 5.412, 5.442 and 5.472 GHz to test a prototype radar
 Fixed: Sudbury (Middlesex), MA
- **RAYTHEON INTEGRATED DEFENSE SYSTEMS 0568-EX-PL-2013 WG2XWH**
 New experimental to operate on 9.41 GHz to test and demo a fixed surveillance radar system
 Fixed: Las Cruces (Dona Ana), NM; McKinney (Collin), TX
- **RAYTHEON INTEGRATED DEFENSE SYSTEMS 0583-EX-PL-2013 WG2XWB**
 New experimental to operate in 9.3 – 9.5 GHz To research and demonstrate off-the-shelf radar
 Fixed: Las Cruces (Dona Ana), NM
- **RAYTHEON NETWORK CENTRIC SYSTEMS 0582-EX-PL-2013 WG2XWA**
 New experimental to operate in 9.5 – 9.8 GHz To demonstrate a lower power X-band radar
 Fixed: McKinney (Collin), TX; Garland (Dallas), TX
- **SANTA CLARA UNIVERSITY 0590-EX-PL-2013 WG2XWE**
 New experimental to operate on 437.425 MHz and in 2401.20 - 2431.20 MHz to test Cubesat
 Mobile: Nongeostationary Space Orbit
- **SENSUS SPECTRUM LLC 0493-EX-PL-2013 WG2XVR**
 New experimental to operate in 433-435 MHz and 868-870 MHz to test equipment for international customers
 Mobile Covington, LA
- **SPIDERCLOUD WIRELESS, INC 0604-EX-PL-2013 WG2XWM**
 New experimental to operate in 870-894 MHz to test 3G femtocell wireless products
 Fixed: San Jose (Santa Clara), CA
- **TEAMCOR (TYONEK ENGINEERING & AGILE MANUFACTURING LLC.) 0417-EX-PL-2013 WG2XUD**
 New experimental to operate in 460 – 496, 869 – 894, 921 – 960, 1850 – 1880, 1930 – 1990 and 2110 – 2155 MHz for testing equipment
 Fixed & Mobile: Warner Robins, GA
- **THE BOEING COMPANY 0498-EX-PL-2012 WG2XLE**
 New experimental to operate on 1.375 GHz to support research development RF network
 Fixed: Huntington Beach (Orange), FL; White Sands (Dona Ana), MN; Fort Sill (Comanche), OK
- **THE BOEING COMPANY 0546-EX-PL-2013 WG2XVE**
 New experimental to operate on 22000 MHz for Testing emag beacon monopulse sensor system
 Fixed & Mobile: St Charles, MO
- **THE BOEING COMPANY 0565-EX-PL-2013 WG2XVS**
 New experimental to operate on 4300 MHz for testing RF Communication between airborne and ground
 Mobile Flight level 2500 ft, Kelly AFB, San Antonio (Bexar), TX
- **THE BOEING COMPANY 0574-EX-PL-2013 WG2XWI**
 New experimental to operate on 123.025, 131.55, 136.85 and 136.975 MHz for testing Collins 618-5A VHF.
 Mobile: Burnett, TX
- **THOMAS JEFFERSON HIGH SCHOOL FOR SCIENCE AND TECHNOLOGY 0591-EX-PL-2013 WG2XWG**
 New experimental to operate on 437.32 MHz for testing TJ3SAT CubeSat
 Mobile: Nongeostationary Space Orbit; Alexandria (Farifax), VA

- **TUSA CONSULTING SERVICES II LLC 0558-EX-PL-2013 WG2XVQ**
New experimental to operate on 4.21319, 4.21321, 4.21323, 4.21327, 4.37184, 4.37188, 4.37192, 4.37196, 6.31719, 6.31723, 6.31727, 6.31731, 6.52184, 6.52188, 6.52192, 6.52196, 8.41919, 8.41923, 8.41927, 8.41931, 8.79084, 8.79088, 8.79092 and 8.79096 MHz for testing white spaces
Fixed: Covington, LA
- **UNIVERSITY OF ALABAMA IN HUNTSVILLE 0425-EX-PL-2013 WG2XTK**
New experimental to operate on 437 MHz for Cubesat experimentation
Mobile: Nongeostationary Space Orbit
- **UNIVERSITY OF FLORIDA 0423-EX-PL-2013 WG2XTA**
New experimental to operate on 437.38 MHz for testing Swampsat CubeSat
Mobile: Nongeostationary Space Orbit
- **UNIVERSITY OF HAWAII 0420-EX-PL-2013 WG2XUT**
New experimental on 437.22 MHz to demonstrate the feasibility of a 3U cubesat to support orbital radar calibration capabilities to the US Air Force.
Mobile: Nongeostationary Space Orbit
- **UNIVERSITY OF LOUISIANA, LAFAYETTE 0422-EX-PL-2013 WG2XSS**
New experimental to operate on 145.825 and 437.325 MHz to test Cubesats
Mobile: Nongeostationary Space Orbit
- **UNIVERSITY OF NEW MEXICO 0424-EX-PL-2013 WG2XTJ**
New experimental to operate on 437 MHz for Cubesat experimentation
Mobile: Nongeostationary Space Orbit
- **UNIVERSITY OF OKLAHOMA 0522-EX-PL-2013 WG2XVK**
New experimental to operate on 138.00, 143.75, 148.50, 151.88, 155.50, 159.00, 164.50, 174.00, 401.50, 420.50, 430.50, 440.50, 450.50, 460.50, 470.50 and 479.50 MHz for testing a Navy system
Mobile: Bethany and Burns Flat, OK
- **UNIVERSITY OF OKLAHOMA 0524-EX-PL-2013 WG2XWJ**
New experimental to operate on 5 GHz for equipment testing
Mobile: Bethany and Burns Flat, OK
- **VERMONT TECHNICAL COLLEGE 0419-EX-PL-2013 WG2XSZ**
New experimental to operate in 437.299 - 437.311 MHz for testing Vermont Lunar CubeSat
Fixed & Mobile: Nongeostationary Space Orbit and Randolph Center (Orange), VT