PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. 448 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 6/1/13 to 9/1/13:

- **ACLARA TECHNOLOGIES LLC 0467-EX-PL-2013 WG2XTN**
  New experimental to operate on 456.0375 MHz and 456.2625 MHz for antenna testing
  Mobile: State of Ohio

- **AGUSTA WESTLAND PHILADELPHIA CORP 0164-EX-PL-2013 WG2XRX**
  New experimental to operate on 450.125 kHz**,** 2.10 MHz, 15.20 MHz, 29.999 MHz, 36.55 MHz, 50.25 MHz, 70.10 MHz, 138.00 MHz, 138.125 MHz, 144.25 MHz, 148.15 MHz, 155.125 MHz, 156.00 MHz, 156.50 MHz, 163.15 MHz, 168.00 MHz, 170.10 MHz, 173.15 MHz, 173.975 MHz, 173.995 MHz, 409.00 MHz, 419.00 MHz, 470.125 MHz, 511.975 MHz, 764.125 MHz, 794.125 MHz, 823.975 MHz and 868.975 MHz for Aircraft communication testing
  Fixed & Mobile: Philadelphia, PA

- **AMTECH SYSTEMS LLC 0426-EX-PL-2013 WG2XTF**
  New experimental to operate in 5850 – 5925 MHz for testing short range systems for intelligent transportation use.
  Fixed & Mobile: Throughout the US and Territories

- **ASPEN CONSULTING GROUP 0514-EX-PL-2013 WG2XVO**
  New experimental to operate in 462.50 - 467.50 MHz, 869.04 - 893.97 MHz and 1930 – 1990 MHz for equipment testing for Army contract
  Fixed: Lakehurst (Burlington), NJ

- **ATHENA WIRELESS COMMUNICATIONS INC. 0494-EX-PL-2013 WG2XVM**
  New experimental to operate in 734 – 746 and 2110 – 2155 MHz for testing and demonstration of LTE equipment
  Fixed: Surprise (Maricopa), AZ

- **AVIATION SPECTRUM RESOURCES INC 0398-EX-PL-2013 WG2XSK**
  New experimental to operate on 136.75 MHz for Radio testing
  Fixed: Memphis (Shelby), TN

- **AVIATION SPECTRUM RESOURCES INC 0399-EX-PL-2013 WG2XSL**
  New experimental to operate on 136.75 MHz for Radio testing
  Fixed: Everett (Snohomish), WA

- **BLONDE DATA SYSTEMS LLC 0432-EX-PL-2013 WG2XTE**
  New experimental to operate on 100 GHz for testing millimeter wave communications in urban environment
  Fixed: Union City and Weehawken (Hudson), NJ

- **BNSF RAILWAY COMPANY 0273-EX-PL-2013 WG2XQK**
  New experimental to operate on 1575.42 MHz for testing stand-alone GPS receivers
  Fixed: Kansas City (Wyandotte), KS

- **C SPEED, LLC 0333-EX-PL-2013 WG2XRU**
  New experimental to operate in 2900-3100 MHz to develop a new air traffic control radar
  Fixed: Fulton (Oswego), NY

- **C SPEED, LLC 0361-EX-PL-2013 WG2XRV**
  New experimental to operate in 2900-3100 MHz for testing air traffic radar
  Fixed: New Brunswick (Lewis), NY

- **C SPEED, LLC 0385-EX-PL-2013 WG2XSF**
  New experimental to operate in 2900-3100 MHz to develop a new air traffic control radar
  Fixed: East Tawas (Iosco), MI

- **C SPEED, LLC 0439-EX-PL-2013 WG2XSW**
  New experimental to operate in 2900-3100 MHz for testing air traffic radar
  Fixed: Harbor Beach (Huron), MI

- **CBF NETWORKS 0371-EX-PL-2013 WG2XSC**
  New experimental to operate on 5 GHz for equipment testing
  Fixed & Mobile: Glendale, CA

- **CBF NETWORKS 0372-EX-PL-2013 WG2XSD**
  New experimental to operate on 5 GHz for equipment testing
  Mobile: Manhattan, NY

- **CLEARSKY TECHNOLOGIES, INC. 0513-EX-PL-2013 WG2XUR**
  New experimental to operate on 800 MHz and 1710 MHz for Femtocell testing.
  Fixed: Orlando (Orange), FL

- **COLORADO STATE UNIVERSITY 0109-EX-PL-2013 WG2XPH**
  New experimental to operate on 9.4 GHz for weather radar testing
  Fixed: Midlothian (Ellis), TX

- **COMTECH SYSTEMS, INC. 0387-EX-PL-2013 WG2XSJ**
  New experimental to operate on 4 GHz for testing a communication system
  Fixed & Mobile: Orlando (Orange), FL

- **CORNELL UNIVERSITY SPACE SYSTEMS DESIGN STUDIO 0395-EX-PL-2013 WG2XTI**
  New experimental to operate on 437.405 MHz for CUsat testing
  Fixed & Mobile: Ithaca (Thompkins), NY

- **DETERMINISTIC TIME SOLUTIONS, INC. 0384-EX-PL-2013 WG2XSH**
  New experimental to operate in 420 – 494 MHz, 728 – 768 MHz, for antenna testing
  Mobile: Chesapeake, VA

- **DRAPER LAB 0184-EX-PL-2013 WG2XRW**
  New experimental to operate in 1625 – 1710 MHz, 2200 - 2314 MHz and 2358.50 - 2388.50 MHz for Air Force contract testing.
  Mobile: Devens & Cambridge (Essex), MA

- **DRS ICAS, LLC 0207-EX-PL-2013 WG2XQV**
  New experimental to operate in 1.0 - 1.1 GHz, 2.9 - 3.0 GHz, 5.0 - 5.1 GHz, 7.8 - 8.4 GHz, 8.4 - 9.0 GHz, 9.2 - 9.6 GHz, 9.8 - 10.5 GHz, 13.4 - 13.9 GHz, 14.0 - 14.2 GHz, 14.6 - 15.2 GHz and 34.85 - 35.15 GHz for testing radar simulator for Air Force contract
  Fixed: Ft. Walton Beach (Okaloosa), FL

- **DRS SUSTAINMENT SYSTEMS, INC. 0648-EX-PL-2012 WG2XNH**
  New experimental to operate on 4.9 GHz for testing an unmanned ground device
  Fixed & Mobile: St. Louis, MO

- **DRS TRAINING & CONTROL SYSTEMS, LLC 0272-EX-PL-2013 WG2XRJ**
  New experimental to operate in 2.20 - 2.50 GHz for testing for UAV
  Mobile: Eglin Air Force Base (Okaloosa), FL

- **GTC SPECTRUM CORPORATION 0389-EX-PL-2013 WG2XVJ**
  New experimental to operate in 220.10 - 220.15 MHz, 220.40 - 220.45 MHz, 220.70 - 220.775 MHz, 220.96 - 221.00 MHz, 221.10 - 221.15 MHz, 221.40 - 221.45 MHz, 221.70 - 221.775 MHz, 221.96 - 222.00 MHz
  Mobile: McComb, MS; Baton Rouge, LA

- **HONEYWELL INTERNATIONAL 0469-EX-PL-2013 WG2XTP**
  New experimental to operate on 114.525 MHz for stability and flight test purposes on the non-fed ground based augmentation system (GBAS)
  Fixed: Coon Rapids, MN

- **HONEYWELL INTERNATIONAL 0495-EX-PL-2013 WG2XUH**
  New experimental to operate on 112.125 MHz to test aviation radionavigation development
  Fixed: Olathe, KS

- **IROBOT CORPORATION 0489-EX-PL-2013 WG2XUE**
  New experimental to operate on 4.9GHz for RCV Operation and RF testing
  Mobile: Pepperell and Bedford (Middlesex), MA; Dayton (Montgomery), OH; Marion (Plymouth), MA; San Luis Obispo (San Luis Obispo), CA; Nashua, NH

- **JARVINIAN WIRELESS INNOVATION FUND 0479-EX-PL-2013 WG2XUC**
  New experimental to operate in 2473 – 2495 MHz to determine the performance of carrier grade terrestrial low power service.
  Fixed & Mobile: New Orleans (Orleans), LA

- **KENTUCKY SPACE CONSORTIUM 0421-EX-PL-2013 WG2XST**
  New experimental to operate on 437.405 MHz to test Cubesat.
  Fixed & Mobile: Nongeostationary Space Orbit; Morehead (Rowan), KY; Lexington (Fayette), KY

- **KONGSBERG SEATEX AS 0404-EX-PL-2013 WG2XTC**
  New experimental to operate in 5220 – 5240 MHz for two way broadband communication.
  Mobile: Pelican Island (Galveston), TX

- **LIVETV 0203-EX-PL-2013 WG2XOM**
  New experimental to operate in 2412 – 2462 MHz, 5250 - 5284.50 MHz, 5285.50 - 5299.50 MHz, 5300.50 - 5359.50 MHz, 5360.50 - 5379.50 MHz and 5380.50 - 5382.50 MHz to test Wi-Fi system on board on a parked aircraft
  Mobile: Houston George Bush International Airport (IAH), Houston, TX

- **LOCKHEED MARTIN CORPORATION 0009-EX-PL-2013 WG2XMK**
  New experimental to operate on 1030 MHz to integrate and test the Selex SIR-M5-E IFF
  Mobile: Syracuse (Onondaga), NY

- **LOCKHEED MARTIN CORPORATION 0268-EX-PL-2013 WG2XQM**
  New experimental to operate on 16.9 GHz for Radar testing.
  Mobile: Goodyear, AZ

- **LOCKHEED MARTIN CORPORATION 0275-EX-PL-2013 WG2XRC**
  New experimental to operate in 2.40 - 2.4835 GHz for point and tracking testing
  Mobile: Grand Prairie, TX

- **LOCKHEED MARTIN CORPORATION 0291-EX-PL-2013 WG2XQN**
  New experimental to operate on 2267.00 MHz for missile testing
  Fixed: Orlando (Orange), FL

- **MEDTRONIC DIABETES 0160-EX-PL-2013 WG2XNT**
  New experimental to operate in 2400.00 - 2483.50 MHz for research and design of diabetes therapy management devices
  Mobile: Northridge, CA

- **MIT 0374-EX-PL-2013 WG2XTD**
  New experimental to operate in 174.00 - 216.00 MHz, 512.00 - 608.00 MHz and 614.00 - 698.00 MHz for testing White Spaces
  Mobile: Cambridge, MA

- **MIT LINCOLN LABORATORY 0342-EX-PL-2013 WG2XSQ**
  New experimental to operate in 420-450 MHz for testing CLASS
  Mobile: Lexington, MA

- **MITRE CORPORATION 0499-EX-PL-2013 WG2XUI**
  New experimental to operate on 978.00 MHz to test aviation radionavigation development
  Mobile: Continental US

- **MONTANA STATE UNIVERSITY SPACE SCIENCE AND ENGINEERING LAB 0265-EX-PL-2013 WG2XPY**
  New experimental to operate in 437.319 - 437.331 MHz to test Cubesat
  Mobile: Nongeostationary Space Orbit

- **MOOG INC AIRCRAFT GROUP 0415-EX-PL-2013 WG2XSX**
  New experimental to operate in 4400 – 4940 MHz to test an airborne management system
  Fixed: Strykersville and Arcade (Wyoming), NY; East Aurora (Erie), NY

- **NATIONAL TEST PILOT SCHOOL 0224-EX-PL-2013 WG2XPV**
  New experimental to operate in 5.725 - 5.85 GHz for flight testing.
  Fixed & Mobile: Mojave (Kern), CA

- **ND SATCOM, INC. 0378-EX-PL-2013 WG2XSE**
  New experimental to operate on 6, 8 14, and 30 GHz for antenna testing
  Fixed: Plano (Collin), TX

- **NEW AMERICA FOUNDATION 0410-EX-PL-2013 WG2XSP**
  New experimental to operate on 900 MHz for testing a mesh network
  Fixed: Washington, DC

- **OCEUS NETWORKS 0324-EX-PL-2013 WG2XRQ**
  New experimental to operate in 698 – 716 MHz, 728 – 746 MHz, 746 – 756 MHz, 777 – 787 MHz, 1710 – 1755 MHz, 1850 – 1910 MHz, 1920 – 1980 MHz, 1930 – 1990 MHz, 2110 – 2170 MHz for testing 3G and 4G equipment
  Mobile: Latimer, OK

- **PANASONIC AVIONICS CORPORATION 0244-EX-PL-2013 WG2XRL**
  New experimental to operate in 410 – 420 MHz, 450 – 460 MHz, 479 – 484 MHz, 776 – 794 MHz, 806 – 849 MHz, 824 – 849 MHz, 870 – 925 MHz, 876 – 915 MHz, 1613.80 - 1626.50 MHz, 1710 – 1785 MHz, 1850 – 1910 MHz, 1900 – 1980 MHz, 2010 – 2170 MHz, 2400 – 2497 MHz, 2500 – 2685 MHz, 3400 – 3600 MHz, 5150 – 5250 MHz, 5250 – 5350 MHz, 5470 – 5825 MHz for testing interference of electronic devices on board aircraft on the ground
  Mobile: Sterling (Loudoun), VA

- **PANASONIC AVIONICS CORPORATION 0293-EX-PL-2013 WG2XRN**
  New experimental to operate in 410 – 420 MHz, 450 – 460 MHz, 479 – 484 MHz, 776 – 794 MHz, 806 – 849 MHz, 824 – 849 MHz, 870 – 925 MHz, 876 – 915 MHz, 1613.80 - 1626.50 MHz, 1710 – 1785 MHz, 1850 – 1910 MHz, 1900 – 1980 MHz, 2010 – 2170 MHz, 2400 – 2497 MHz, 2500 – 2685 MHz, 3400 – 3600 MHz, 5150 – 5250 MHz, 5250 – 5350 MHz, 5470 – 5825 MHz for testing interference of electronic devices on board aircraft on the ground
  Mobile: Houston, TX

- **PANASONIC AVIONICS CORPORATION 0193-EX-PL-2013 WG2XPR**
  New experimental to operate in 450 – 470 MHz and 869 – 894 MHz for testing portable devices on board aircraft.
  Mobile: Melbourne (Columbia), FL; Rome (Oneida), NY

- **PRINCETON UNIVERSITY 0446-EX-PL-2013 WG2XTG**
  New experimental to operate in 674 – 680 MHz for White spaces lab research
  Mobile: Inside Princeton University, Princeton, NJ

- **PROMEGA CORPORATION 0533-EX-PL-2012 WG2XMY**
  New experimental to operate on 1575 MHz for testing GPS equipment.
  Fixed: Madison (Dane), WI

- **RAPPAHANNOCK ELECTRIC COOPERATIVE 0400-EX-PL-2011 WF2XXJ**
  New experimental to operate in 174 – 216 MHz for White Space experiments
  Mobile: Criglersville, VA

- **RAYTHEON 0331-EX-PL-2013 WG2XUW**
  New experimental to operate on 700 MHz to test LTE
  Mobile: Downey, CA

- **RAYTHEON INTELLIGENCE, INFORMATION AND SYSTEMS 0356-EX-PL-2013 WG2XRP**
  New experimental to operate on 462.45 MHz and in 4.94 - 4.99 GHz and 14.00 - 14.50 GHz to test VSAT
  Fixed & Mobile: Sterling (Loudoun), VA

- **RAYTHEON NETWORK CENTRIC SYSTEM 0386-EX-PL-2013 WG2XSG**
  New experimental to operate on 15 GHz to test a microwave link
  Fixed: McKinney (Collin) and Garland (Dallas), TX

- **REARDEN LLC 0363-EX-PL-2013 WG2XUY**
  New experimental to operate in 2573 – 2583 MHz for testing short-range transmissions.
  Fixed & Mobile: San Francisco (San Francisco), CA

- **SAAB SENSIS CORPORATION 0546-EX-PL-2012 WG2XNC**
  New experimental to operate in 9000 – 9200 MHz to develop a new version of a surface movement radar.
  Fixed: Syracuse (Onondaga), NY

- **SAINT LOUIS UNIVERSITY 0418-EX-PL-2013 WG2XSU**
  New experimental to operate on 145.945 MHz and 437.29 MHz to test Cubesat.
  Fixed & Mobile: Saint Louis (Saint Louis), MO

- **SAMSUNG TELECOMMUNICATIONS AMERICA 0099-EX-PL-2013 WG2XSM**
  New experimental to operate in 2602-2624 MHz to evaluate new technologies that are needed to further boost the spectral efficiency of cellular wireless communications networks
  Fixed & Mobile: Richardson (Dallas), TX

- **SCREENED IMAGES, INC 0475-EX-PL-2013 WG2XTR**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Avenal (Kings), CA

- **SCREENED IMAGES, INC 0479-EX-PL-2013 WG2XTS**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Blythe (Riverside), CA

- **SCREENED IMAGES, INC 0480-EX-PL-2013 WG2XTT**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Blythe (Kings), CA

- **SCREENED IMAGES, INC 0497-EX-PL-2013 WG2XUN**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Corcoran (Del Norte), CA

- **SCREENED IMAGES, INC 0502-EX-PL-2013 WG2XUJ**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Delano (Kern), CA

- **SCREENED IMAGES, INC 0503-EX-PL-2013 WG2XUK**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Chowchilla (Madera), CA

- **SCREENED IMAGES, INC 0504-EX-PL-2013 WG2XUL**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Chowchilla (Madera), CA

- **SCREENED IMAGES, INC 0505-EX-PL-2013 WG2XUM**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Coalinga (Fresno), CA

- **SCREENED IMAGES, INC 0511-EX-PL-2013 WG2XUQ**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Delano (Kern), CA

- **SCREENED IMAGES, INC 0481-EX-PL-2013 WG2XTU**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Imperial (Imperial), CA

- **SCREENED IMAGES, INC 0482-EX-PL-2013 WG2XTV**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Calipatria (Imperial), CA

- **SCREENED IMAGES, INC 0483-EX-PL-2013 WG2XTW**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Ione (Amador), CA

- **SCREENED IMAGES, INC 0484-EX-PL-2013 WG2XTX**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Jamestown (Tuolumne), CA

- **SCREENED IMAGES, INC 0485-EX-PL-2013 WG2XTY**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Susanville (Lassen), CA

- **SCREENED IMAGES, INC 0486-EX-PL-2013 WG2XTZ**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Susanville (Lassen), CA

- **SCREENED IMAGES, INC 0487-EX-PL-2013 WG2XUA**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Crescent City (Del Norte), CA

- **SCREENED IMAGES, INC 0488-EX-PL-2013 WG2XUB**
  New experimental to operate in 869-894 MHz and 1930-1990 MHz to demonstrate the functionality of a managed access mobile radio communications system
  Fixed: Leaksville (Greene), MS

- **SHIPCOM LLC 0490-EX-PL-2013 WG2XUS**
  New experimental to operate on various spot frequencies between 2.5734 MHz and 26.137 MHz, for testing, demonstration and training communications with the land based units in the Continental USA area related to Land Mobile and Maritime services.
  Fixed: Coden, AL

- **SPIDERCLOUD WIRELESS, INC 0190-EX-PL-2013 WG2XSN**
  New experimental to operate in 2620-2670 MHz to test 3G femtocell wireless products
  Fixed: San Jose (Santa Clara), CA

- **SRC, INC. 0015-EX-PL-2013 WG2XNN**
  New experimental to operate in 905-9.995 GHz to test GMTI performance of a prototype radar
  Mobile: Syracuse, NY

- **STOSKOPF, LAWRENCE E. 0379-EX-PL-2013 WG2XUX**
  New experimental to operate in 135.70 - 137.80 kHz and 472.00 - 479.00 kHz for measurement of antenna characteristics.
  Fixed: Salina (Saline), KS

- **TELEPHONICS CORPORATION 0074-EX-PL-2013 WG2XNU**
  New experimental to operate in 9243 – 9507 MHz for testing X-band maritime surveillance radar
  Mobile: Farmingdale (Suffolk), NY

- **THE BOEING COMPANY 0501-EX-PL-2012 WG2XNW**
  New experimental to operate on 121.15 MHz, 121.175 MHz, 121.185 MHz, 121.190 MHz and 121.200 MHz for testing aircraft communication systems
  Mobile: Wichia, KS

- **THE BOEING COMPANY 0022-EX-PL-2013 WG2XNX**
  New experimental to operate on 5031 MHz to test the Microwave landing system
  Mobile: San Antonio, TX

- **THE BOEING COMPANY 0051-EX-PL-2013 WG2XNY**
  New experimental to operate on 1227.60 and 1575.42 MHz for testing stand-alone GPS receivers
  Fixed: Berkeley, MD

- **THE BOEING COMPANY 0139-EX-PL-2013 WG2XOG**
  New experimental to operate in 30 - 74.70 MHz, 75.40 - 87.9925 MHz and 137.50 - 173.9875 MHz for testing maritime surveillance aircraft
  Mobile: Flight 37,000 ft AGL, Seattle, WA

- **THE BOEING COMPANY 0143-EX-PL-2013 WG2XNR**
  New experimental to operate in 9.45 - 10.00 GHz for testing Boeing MSA
  Fixed & Mobile: China Lake (Kern), CA; Yuma (Yuma), AZ; Honolulu (Honolulu), HI

- **THE BOEING COMPANY 0144-EX-PL-2013 WG2XOH**
  New experimental to operate in 30.00 - 74.60 MHz, 75.40 - 87.9925 MHz, and 137.50 - 173.9875 MHz for testing maritime surveillance aircraft
  Fixed & Mobile: China Lake (Kern), CA; Yuma (Yuma), AZ; Honolulu (Honolulu), HI

- **THE BOEING COMPANY 0267-EX-PL-2013 WG2XQE**
  New experimental to operate on 1227.60 and 1572.420 MHz for testing stand-alone GPS receivers
  Fixed: Berkeley, MO

- **THE BOEING COMPANY 0310-EX-PL-2013 WG2XRD**
  New experimental to operate in 0.001 – 50000 kHz for testing lightning protection design on the 787-9 airframe
  Fixed: Moses Lake (Grant), WA

- **THE BOEING COMPANY 0381-EX-PL-2013 WG2XRZ**
  New experimental to operate in 900 – 928 MHz and 2400 – 2500 MHz for testing field mapping inside airframe structure to support wireless sensor development and compliance assessment.
  Fixed: Seattle (King), WA

- **THE BOEING COMPANY 0394-EX-PL-2013 WG2XSI**
  New experimental to operate on 433.2125 MHz, 433.2625 MHz, 1780 MHz, 1840 MHz, 4400 MHz, 4470 Mhz, 4490 MHz, 4510 MHz, 4780 MHz, 4790 MHz, 4810 MHz and 4888 MHz for testing the S-100 unmanned aircraft system
  Fixed & Mobile: Florence (Pinal), AZ; Mesa (Maricopa), AZ

- **THE BOEING COMPANY 0447-EX-PL-2013 WG2XTB**
  New experimental to operate on 2.0 MHz for testing electromagnetic pulse on aircraft
  Mobile Kelly AFB Flightline, San Antonio (Bexar), TX

- **THINKIFY, LLC 0354-EX-PL-2013 WG2XRG**
  New experimental to operate in 902 – 928 MHz for testing RFID readers and tags devices
  Fixed: Morgan Hill (Santa Clara), CA

- **TRELLISWARE TECHNOLOGIES, INC. 0500-EX-PL-2013 WG2XUP**
  New experimental to operate in 1.80 - 12.00 MHz to implement and field test the design of an advanced wideband HF waveform.
  Fixed: Rancho Bernardo (San Diego), CA

- **TVBS 0528-EX-PL-2013 WG2XUZ**
  New experimental to operate in 470 – 608 MHz and 614 – 698 MHz for testing whitespace.
  Fixed & Mobile: Sanford (Lee), NC

- **ULTRA ELECTRONICS, SOTECH 0391-EX-PL-2013 WG2XTM**
  New experimental to operate in 746 – 756 MHz, 777 – 787 MHz, 824 – 849 MHz and 869 – 894 MHz
  To conduct cellular communication research.
  Fixed & Mobile: Annapolis Junction (Anne Arundel) MD

- **UNIVERSITY OF MICHIGAN 0196-EX-PL-2013 WG2XPF**
  New experimental to operate on 437.485 MHz to test Cubesats.
  Fixed & Mobile: Ann Arbor (Washtenaw), MI, and nongeostationary space orbit

- **UNIVERSITY OF PUERTO RICO AT MAYAGUEZ 0133-EX-PL-2013 WG2XPK**
  New experimental to operate on 9410 MHz for testing a lower tropospheric weather radar to study rainfall
  Fixed: Bayamon & Ponce, PR

- **UNIVERSITY OF TEXAS SATELLITE GROUND STATION 0065-EX-PL-2013 WG2XND**
  New experimental to operate in 437 – 438 MHz to test Cubesats.
  Mobile: Nongeostationary space orbit

- **WARREN H. ZIEGLER 0260-EX-PL-2013 WG2XRS**
  New experimental to operate in 68 – 76 kHz for amateur radio testing.
  Fixed & Mobile: Wayland (Middlesex), MA; Burlington (Hartford), CT; Holden (Worchester), MA; Penn Yan (Yates), NY; Stanfield (Stanly), NC

- **YOFIMETER, LLC 0518-EX-PL-2013 WG2XVT**
  New experimental to operate in 824.20 - 848.80 MHz and 1850.20 - 1909.80 MHz for testing glucose meters with cellular connections.
  Mobile: La Jolla (San Diego), CA