PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. 429 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 4/1/10 to 5/1/10:

- **WF2XJN PCN TECHNOLOGY INC. 0116-EX-PL-2010**
  New experimental to operate in 3 - 30 MHz to conduct a Broadband on Power Lines (BPL) communication demonstration
  Fixed: San Diego (San Diego), CA

- **WF2XGY SAIC 0408-EX-PL-2009**
  New experimental to operate in 138 – 153 MHz and 16.75 - 17.25 GHz for TRSS testing
  Mobile: Bedford, IN

- **WF2XIL LOCKHEED MARTIN CORPORATION 0122-EX-PL-2010**
  New experimental to operate in 156.025 - 157.0375 MHz to develop Maritime Traffic Management systems.
  Fixed & Mobile: Various port locations Within the Continental US

- **WF2XIS PLUMAS SIERRA RURAL ELECTRIC COOPERATIVE 0078-EX-PL-2010**
  New experimental to operate in 174 – 216 MHz, 470 – 608 MHz and 614 – 698 MHz for white space testing for applications by utilities.
  Fixed: East Quincy, Cromberg, Blairsden and Beckwourth (Pulmas), CA

- **WF2XIQ POWERWAVE COGNITION 0038-EX-PL-2010**
  New experimental to operate in 450-456 MHz and 782-788 MHz for testing mobile broadband system using.
  Fixed & Mobile: Santa Ana (Orange), CA

- **WF2XJC OKLAHOMA STATE UNIVERSITY-UNIVERSITY MULTISPECTRAL LABORATORIES, LLC 0083-EX-PL-2010**
  New experimental to operate on 495.25 MHz, 645.25 MHz and 753.25 MHz for providing sensor testing and evaluation services for USSOCOM.
  Fixed & Mobile: Within 3 KM the center of the Chilocco School village, Chilocco (Kay), OK

- **WF2XGW GENERAL DYNAMICS C4 SYSTEMS 0488-EX-PL-2009**
  New experimental to operate in 770-770.7 and 800-800.7 MHz for system design, functional verification, and troubleshooting of field problems of a VHF trunked land mobile radio system under DOJ contract.
  Fixed & Mobile: Scottsdale (Maricopa), AZ

- **WF2XJS LAMBDA CONSULTING 0123-EX-PL-2010**
  New experimental to operate in 800-806 MHz for demonstration of the concept of translating a Low Probability of Intercept.
  Fixed: Ft. Walton Beach (Okaloosa), FL

- **WF2XID RINCON RESEARCH CORP. 0108-EX-PL-2010**
  New experimental to operate in 902 - 928 MHz, 5470 – 5600 MHz and 9300 – 9500 MHz to develop an improved package suitable for micro-UAVs and a corresponding ground-based processing and control system.
  Mobile: Tucson, AZ

- **WF2XHT MARYLAND DEPARTMENT OF THE ENVIRONMENT 0089-EX-PL-2010**
  New experimental to operate on 915 MHz for wind profiler radar testing
  Fixed: Frostburg (Garrett), MD

- **WF2XHU MARYLAND DEPARTMENT OF THE ENVIRONMENT 0093-EX-PL-2010**
  New experimental to operate on 915 MHz for wind profiler radar testing
  Fixed: Beltsville (Prince Georges), MD

- **WF2XIG TECHNOLOGY DRIVEN PRODUCTS 0500-EX-PL-2009**
  New experimental to operate in 1227.6 MHz and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems
  Fixed: Loveland (Larimer), CO

- **WF2XHX LOCKHEED MARTIN CORPORATION 0104-EX-PL-2010**
  New experimental to operate on 1275 MHz and 1372.50 MHz to test the countermeasures of the TPS-77 radar system.
  Fixed: Syracuse (Onondaga), NY

- **WF2XGK LG ELECTRONICS USA 0453-EX-PL-2009**
  New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems
  Fixed: Sterling Heights (Macomb), MI

- **WF2XIH SRC, INC. 0496-EX-PL-2009**
  New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
  Fixed: Chantilly, VA

- **WF2XIF SPIDERCLOUD WIRELESS, INC 0088-EX-PL-2010**
  New experimental to operate in 1720 – 1730 MHz and 2120 – 2130 MHz to test multiple vendor portable equipment interoperating with the femtocell base under development.
  Mobile: Santa Clara (Santa Clara), CA

- **WF2XIY NORTHROP GRUMMAN SYSTEMS CORPORATION 0084-EX-PL-2010**
  New experimental to operate on 1922.6, 1927.4, 2112.6 and 2117.4 MHz to demonstrate the functionality of a mobile radio communications system.
  Fixed & Mobile: Carson (Los Angeles), CA

- **WF2XIZ UNIVERSITY OF IOWA, STATE OF IOWA 0103-EX-PL-2010**
  New experimental to operate in 2410-2416 MHz to test a flight simulation system.
  Mobile: (41°41'6.58"N, 92° 1'47.02"W) to (41°38'50.30"N, 91° 7'11.20"W) to (1°14'35.36"N, 91°15'38.37"W) to (41°15'13.92"N, 92° 4'49.55"W), this is an area including Iowa City, IA, generally South of Interstate 80

- **WF2XJX UNIVERSITY OF MARYLAND MAXWELL LABORATORY 0126-EX-PL-2010**
  New experimental to operate in 2498.50 - 2687.50 MHz for testing the characteristics of using 4th generation technologies.
  Fixed: College Park (Prince Georges), MD

- **WF2XJV UNIVERSITY OF COLORADO, BOULDER 0181-EX-PL-2010**
  New experimental to operate in 2572-2584 MHz to conduct a WiMax network research project
  Fixed: Boulder (Boulder), CO

- **WF2XIU COLUMBIA UNIVERSITY 0082-EX-PL-2010**
  New experimental to operate in 2590-2596 MHz for WiMax network research
  Fixed: New York, NY

- **WF2XJM POLYTECHNIC INSTITUTE OF NYU 0107-EX-PL-2010**
  New experimental to operate in 2590-2600 MHz to perform a WiMax network research project
  Mobile: 5 Metrotech Center, Brooklyn, NY

- **WF2XIJ GEO-MARINE, INC. 0121-EX-PL-2010**
  New experimental to operate on 3050 and 9410 MHz for tracking of birds for development of the National Bird Strike Advisory System.
  Mobile: Within the Continental US

- **WF2XJQ ACCELERATED MEDIA TECHNOLOGIES, INC. 0141-EX-PL-2010**
  New experimental to operate in 14200-14470 MHz for satellite antenna demos
  Mobile: Within the Continental US except as limited at §25.222(d) of the FCC rules (White Sands, NM and Blossom Point, MD when commenced, see DA 07-4028)

- **WF2XII VIASAT, INC. 0120-EX-PL-2010**
  New experimental to operate in 27500 – 30000 MHz for testing Ka-band antenna systems.
  Fixed: Duluth (Gwinnett), GA

- **WF2XHM LOCKHEED MARTIN CORPORATION 0055-EX-PL-2010**
  New experimental to operate on 35.50 GHz to test ICX surveillance radar systems.
  Fixed & Mobile: various locations throughout the Continental United States