

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. 378 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 3/1/05 to 5/1/05:

- **WD2XNK READYTRACE, INC. 0313-EX-PL-2004**
New experimental to operate on 186 kHz for research and development of the low frequency band for emergency communications.
Fixed: Crestline, CA
- **WD2XPS TICOM GEOMATICS, INC. 0095-EX-PL-2005**
New experimental to operate on various HF band frequencies from 2391 to 29715 kHz for test and development of a direction finder.
Fixed & Mobile: San Diego, CA
- **WD2XNA BOEING COMPANY, THE 0185-EX-PL-2004**
New experimental to operate on spot frequencies between 5 MHz and 21 MHz and in the 131 MHz and 136 MHz bands for testing aviation equipment.
Fixed: Long Beach (Los Angeles), CA
- **WD2XEC ANTENNA SPECIALISTS 0117-EX-PL-2003**
New experimental to operate in various bands from 25 MHz to 6 GHz for antenna testing and development.
Fixed: Solon (Cuyahoga), OH
- **WD2XPX SAN FRANCISCO STATE UNIVERSITY 0103-EX-PL-2005**
New experimental to operate CODAR radar on 43.55 and 45.55 MHz for monitoring and measuring ocean/bay surface currents.
Mobile: Angel Island, CA
- **WD2XLO ATK MISSILE SYSTEMS COMPANY, LLC 0123-EX-PL-2004**
New experimental to operate in various bands from 45 MHz to 17 GHz for testing a mobile air to ground radar jammer.
Fixed: Clearwater (Pinellas), FL; St. Petersburg (Pinellas), FL; Tampa (Hillsboro), FL; Brandon (Hillsboro), FL
- **WD2XOW TRN ATLANTA, LLC 0058-EX-PL-2005**
New experimental to operate in 88-108 MHz for test and development of a Part 15 broadcast device for use on trains.
Fixed & Mobile: Atlanta, GA
- **WD2XID CESSNA AIRCRAFT COMPANY 0050-EX-PL-2004**
New experimental to operate 119.125, 126.925, and 136.5 MHz for testing aircraft radios.
Mobile: Cessna facilities adjacent to Wichita Mid Continent Airport in Wichita, KS
- **WD2XNM L-3 COMMUNICATIONS AVIONICS SYSTEMS INC. 0047-EX-PL-2005**
New experimental to operate on 123.25, 123.275, 123.35 and 123.475 MHz to test integration of a VHF radio into an aircraft.
Fixed: Grand Rapids (Kent), MI

- **WD2XNN L-3 COMMUNICATIONS AVIONICS SYSTEMS INC. 0048-EX-PL-2005**
New experimental to operate on 123.25, 123.275, 123.35 and 123.475 MHz to test integration of a VHF radio into an aircraft.
Fixed: Columbus (Franklin), OH
- **WD2XNO L-3 COMMUNICATIONS AVIONICS SYSTEMS INC. 0049-EX-PL-2005**
New experimental to operate on 123.25, 123.275, 123.35 and 123.475 MHz to test integration of a VHF radio into an aircraft.
Fixed: Duluth (St. Louis), MN
- **WD2XPO MOTOROLA INC. 0061-EX-PL-2005**
New experimental to operate in the 150-170 MHz, 765-769 MHz and 4940-4990 MHz Non-Federal spectrum for demonstrating equipment designed to enhance public safety radio communications.
Fixed & Mobile: McLean (FAIRFAX), VA, base stations located at temporarily fixed locations
- **WD2XPW J3 ENTERPRISES 0316-EX-PL-2004**
New experimental to operate on 151.55 and 467.15 MHz for determination of best area coverage using a VHF/UHF base and mobile system.
Fixed: Duchesne (Duchesne), UT
- **WD2XPA BOEING COMPANY, THE 0062-EX-PL-2005**
New experimental to operate on auxiliary frequencies around 219 MHz for UAV development.
Mobile: Silex (Lincoln), MO and two adjacent areas north of this point having flight level maximums of 1,200 and 5,000 feet; Ft. Leonard Wood (Pulaski), MO; St. Charles, MO
- **WD2XQS GUIDANT CORPORATION 0124-EX-PL-2005**
New experimental to operate in 402-405 MHz to study transceiver antenna designs.
Mobile: St Paul, MN
- **WD2XNE CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0281-EX-PL-2004**
New experimental to operate on 431.5 MHz and 444.8 MHz for equipment testing.
Mobile: Amboy, CA and a radius of 250 km from Amboy, CA
- **WD2XNF CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0283-EX-PL-2004**
New experimental to operate on 432.2 MHz and 443.6 MHz for equipment testing.
Mobile: St. Louis, MO and a radius of 250 km from St. Louis, MO
- **WD2XPJ AT&T CORP. 0071-EX-PL-2005**
New experimental to operate in 700 MHz, 2 GHz and 3.5 GHz bands for RF propagation and product testing.
Fixed: Various cities in states of GA and PA
- **WD2XPZ GUIDANT CORP 0098-EX-PL-2005**
New experimental to operate in 868-870 MHz to test viability of an RF telemetry link for an implantable medical device.
Mobile: Redmond, WA
- **WD2XPL CLARK COUNTY DEPARTMENT OF AIR QUALITY AND ENVIRONMENTAL MANAGEMENT 0086-EX-PL-2005**
New experimental to operate on 915 MHz for wind profiler radar research.
Fixed: North Las Vegas (Clark), NV
- **WA2XRP TELEPHONICS CORPORATION 0180-EX-PL-2003**
New experimental to operate on 1030 MHz for test and development of air traffic control equipment.
Fixed: Farmingdale (Suffolk) NY
- **WD2XJI LOCKHEED MARTIN CORPORATION 0095-EX-PL-2004**
New experimental to operate at 1437.5 MHz and 1503.5 MHz for equipment testing.
Mobile: Fort Worth, TX; Holloman AFB, NM
- **WD2XNW RADIOFRAME NETWORKS, INC. 0073-EX-PL-2005**
Special Temporary Authorization to operate in 1850-1880 MHz band for demonstration at 2005 CTIA trade show.
Fixed: New Orleans (Orleans), LA

- **WD2XPT ERICSSON WIRELESS COMMUNICATIONS, INC 0080-EX-PL-2005**
New experimental to operate in 1895-1897 and 1975-1977 MHz for PCS base station, base controller and network software testing.
Fixed & Mobile: San Diego (San Diego), CA
- **WD2XQO AIRNET COMMUNICATIONS CORP. 0118-EX-PL-2005**
New experimental to operate in the PCS band (1895-1910 MHz and 1975-1990 MHz) for equipment testing.
Fixed & Mobile: Orlando (Orange), FL
- **WD2XPR RIVA NETWORKS INC. 0090-EX-PL-2005**
New experimental to operate in 1930-1990 MHz for test and development of Personal Communications Services technology.
Fixed: East Brunswick (Middlesex), NJ
- **WD2XPP ERICSSON WIRELESS COMMUNICATIONS, INC 0077-EX-PL-2005**
New experimental to operate in 1970-1988 MHz for PCS base station, base controller and network software testing.
Fixed: San Diego (San Diego), CA
- **WD2XQT ERICSSON WIRELESS COMMUNICATIONS, INC 0137-EX-PL-2005**
New experimental to operate in 1970-1988 MHz for PCS base station, base controller and network software testing.
Fixed: San Diego (San Diego), CA
- **WD2XPQ ERICSSON WIRELESS COMMUNICATIONS, INC 0094-EX-PL-2005**
New experimental in 1975-1977 MHz for PCS base station, base controller and network software testing.
Fixed: San Diego (San Diego), CA
- **WD2XOY BVWIRELESS LLC 0025-EX-PL-2005**
New experimental to operate in 2400 MHz and 5000 MHz bands for testing Part 15 devices.
Fixed & Mobile: Northbridge (Worcester), MA;
- **WD2XPF LUCENT TECHNOLOGIES, INC. 0064-EX-PL-2005**
New experimental to operate in 3399.5-3600 MHz for WiMax pathloss, fading and data rate measurements.
Fixed & Mobile: Whippany (MORRIS), NJ
- **WD2XQD SPECTRUM TELECOM, INC. 0099-EX-PL-2005**
New experimental to operate in 3650-3700 MHz for test and development of wireless broadband technologies.
Fixed: Rogers, AR; Garfield, AR
- **WD2XPY CALUMET CITY POLICE 0089-EX-PL-2005**
New experimental to operate in 4940-4990 MHz for product evaluation.
Mobile: Calumet City (Cook), IL
- **WD2XOE PACKETHOP 0063-EX-PL-2005**
New experimental to operate in 4940-4990 MHz for mobile ad hoc wireless mesh network.
Mobile: Belmont, CA
- **WD2XQE UBISENSE LIMITED 0087-EX-PL-2005**
New experimental to operate in 5250-7223 MHz for test and development of Part 15 device.
Mobile: Lewisburg (Preble), OH
- **WD2XCQ NORTHROP GRUMMAN SYSTEMS CORPORATION 0058-EX-PL-2003**
New experimental to operate in 9300-9500 MHz for test and development of radar.
Fixed: Columbus (Franklin), OH
- **WD2XMR XONTECH, INC. D/B/A NORTHROP GRUMMAN MISSION SYSTEMS 0027-EX-PL-2005**
New experimental to operate on 9350 MHz for test, development and demonstration of a radar system.
Mobile: Linthicum, MD; Huntsville, AL; Northern Virginia
- **WD2XNH INTELSAT LLC 0270-EX-PL-2004**
New experimental to operate in 14000-14500 MHz for testing of a satellite system prototype interface.
Fixed: Clarksburg (Montgomery), MD

- **WD2XNC BOEING COMPANY, THE 0040-EX-PL-2005**
New experimental to operate in 14000-14500 MHz for equipment testing.
Mobile: Arlington, Va.
- **WD2XMQ XO COMMUNICATIONS 0297-EX-PL-2004**
New experimental to operate on 25285, 25315, 26140, and 26170 MHz to test imported point-to-multipoint equipment.
Fixed: San Jose (Santa Clara), CA; Fremont (Alameda), CA;
- **WD2XPH RAYTHEON COMPANY 0091-EX-PL-2005**
New experimental to operate in 36700-37000 MHz for test and demonstration of military equipment.
Mobile: Raytheon facilities and Army Test Ranges throughout the US