

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. 406 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 8/1/07 to 9/1/07:

- **WE2XHH THE BOEING COMPANY 0712-EX-PL-2006**
New experimental to operate on various frequencies in the C and Ku bands for equipment testing.
Fixed: El Segundo (Los Angeles), CA
- **WE2XCX ALIEN TECHNOLOGY 0285-EX-PL-2006**
New experimental to operate in 13.553-13.567 MHz, 433.50-434.50 MHz, 860-930 MHz, 2400-2483.50 MHz and 5725-5850 MHz for passive and semi-passive RFID testing.
Fixed: Miamisburg (Montgomery), OH
- **WE2XGH DUKE ENERGY CAROLINAS, LLC 0287-EX-PL-2007**
New experimental to operate in 150-806 MHz for evaluating communications inside and around a nuclear reactor.
Mobile: Huntersville (Mecklenburg), NC; York (York), SC; Seneca (Oconee), SC
- **WE2XGO MARITEL, INC. 0223-EX-PL-2007**
New experimental to operate on VPC frequencies 157.2 MHz (24A), 157.25 MHz (25A) and 157.375 MHz (87A) in the simplex mode for testing AIS base station equipment with AIS mobile transponders.
Fixed: Seminole (Pinellas), FL; Palm Bay (Brevard), FL
- **WD2XYL LOJACK CORPORATION 0176-EX-PL-2006**
New experimental to operate on 164.175 MHz for testing stolen vehicle location units for foreign markets.
Mobile: Canton (Norfolk), MA
- **WE2XHG INDIANA MICHIGAN POWER COMPANY 0334-EX-PL-2007**
New experimental to operate in select bands from 174.075-746 MHz for evaluating communications inside and around a nuclear reactor.
Mobile: Bridgman (Berrien), MI, D. C. Cook Nuclear Plant, indoors
- **WE2XGD RAYTHEON COMPANY 0202-EX-PL-2007**
New experimental to operate in 420-450 MHz for testing of microlight systems for voice and data communications.
Fixed & Mobile: Atlanta, GA; Casper, WY; Fullerton, CA; Richmond, VA
- **WE2XGS NORTHROP GRUMMAN SYSTEMS CORPORATION 0340-EX-PL-2007**
New experimental to operate in 450-462.95 MHz, 463.20-467.95 MHz and 468.20-470 MHz for Development and testing of a fixed base and mobile experimental communications system.
Mobile: Elkridge (Howard), MD
- **WE2XGV SIEMENS VDO AUTOMOTIVE CORPORATION 0235-EX-PL-2007**
New experimental to operate on 464.50 MHz, 464.55 MHz, 469.50 MHz and 469.55 MHz for testing of intelligent transportation systems.
Fixed & Mobile: Cedar Rapids (Linn), IA

- **WE2XHI SOUTHERN CALIFORNIA EDISON COMPANY 0393-EX-PL-2007**
 New experimental to operate in 470-608 MHz and 614-740 MHz for evaluating communications inside and around a nuclear reactor.
 Fixed & Mobile: San Clemente, CA
- **WE2XHM ENTERGY SERVICES, INC 0406-EX-PL-2007**
 New experimental to operate in 470-608 MHz and 614-806 MHz for evaluating communications inside and around a nuclear reactor.
 Fixed & Mobile: Covert (Van Buren), MI; Vernon (Windham), VT; Lycoming (Oswego), NY; Buchanan (Putnam), NY; Port Gibson (Clairborne), MS; Russellville (Pope), AR; Plymouth (Plymouth), MA; Taft, LA; St. Francisville (West Feliciana), LA
- **WE2XFS RUSH TRACKING SYSTEMS LLC 0071-EX-PL-2007**
 New experimental to operate in 902-928 MHz and 2400-2483.5 MHz for RFID testing.
 Mobile: Lenexa, KS
- **WE2XFC ROCKWELL COLLINS, INC. 0253-EX-PL-2007**
 New experimental to operate in 902-928 MHz to test ultra-high speed air to ground datalink with video capabilities.
 Fixed & Mobile: Cedar Rapids (Linn), IA; Edgewood (Santa Fe), NM
- **WE2XEZ TEXTRON SYSTEMS CORPORATION 0013-EX-PL-2007**
 New experimental to operate on 1227.6 MHz and 1575.42 MHz to test a variety of battlefield sensor systems that incorporate GPS reception.
 Fixed: Wilmington (Middlesex), MA
- **WD2XZA LOCKHEED MARTIN CORPORATION 0290-EX-PL-2006**
 New experimental to operate on 1450.5 MHz and 1480.5 MHz for Flight Test telemetry operations to support the RERP C-5 AMP test program at Edwards Air Force Base.
 Mobile: Edwards AFB, Palmdale (Los Angeles), CA, at 20000 feet MSL
- **WE2XGN HARRISKAYOT MARINE, LLC 0702-EX-PL-2006**
 New experimental to operate on 1575.42 MHz to test GPS systems installed in production boats.
 Fixed: Fort Wayne (Allen), IN
- **WE2XFO QUALCOMM INCORPORATED 0178-EX-PL-2007**
 New experimental to operate in 1710-1755 MHz and 2110-2155 MHz for testing and evaluation of various technologies, CDMA, EVDO, UMB, etc.
 Fixed & Mobile: San Diego (San Diego), CA; Bedminster (Somerset), NJ; Continental United States
- **WE2XGF NORTHROP GRUMMAN IT (TASC) 0142-EX-PL-2007**
 New experimental to operate in 1915-1920 MHz for testing MobileShield, broadband wireless network.
 Fixed: Herndon (Fairfax), VA
- **WE2XGG NORTHROP GRUMMAN IT (TASC) 0143-EX-PL-2007**
 New experimental to operate in 1915-1920 MHz for testing MobileShield, broadband wireless network.
 Fixed: Chantilly (Fairfax), VA
- **WE2XGQ NEXTEL SPECTRUM ACQUISITION CORP. 0339-EX-PL-2007**
 New experimental to operate in 2626-2632 MHz for testing WiMAX mobile wireless technology.
 Mobile: Greer (Greenville), SC
- **WE2XDG ANDREW CORPORATION 0083-EX-PL-2006**
 New experimental to operate in various bands between 3400 MHz and 316 GHz for antenna testing at company test range.
 Fixed: Floyd (Hunt), TX
- **WE2XED UNWIRED BROADBAND, INC. 0503-EX-PL-2006**
 New experimental to operate in 3400-3600 MHz for evaluating WiMax equipment.
 Fixed: Clovis, Squaw Valley and Fresno (Fresno), CA; Bakersfield (Kern), CA

- **WE2XHN WILINE NETWORKS, INC. 0333-EX-PL-2007**
New experimental to operate in 3650-3700 MHz for test and development of wireless broadband technologies.
Fixed: Palo Alto (Santa Clara), CA
- **WE2XHD SMITHS DETECTION 0311-EX-PL-2007**
New experimental to operate in 9350-9400 MHz for testing mobile meteorological systems.
Fixed & Mobile: Edgewood, MD
- **WE2XGI SEATTLE-TACOMA INTERNATIONAL AIRPORT 0007-EX-PL-2007**
New experimental to operate on 9410 MHz for tracking of birds for development of the National Bird Strike Advisory System.
Fixed: Seattle (King), WA
- **WE2XCK BAE SYSTEMS TECHNICAL SERVICES, INC. 0372-EX-PL-2006**
New experimental to operate in 10.43-10.44 GHz for CW Doppler Radar testing.
Mobile: Fort Walton Beach (Okaloosa), FL
- **WE2XFQ INFINITE GLOBAL INFRASTRUCTURE, LLC 0683-EX-PL-2006**
New experimental to operate in 5.925-6.425 GHz, 14-14.5 GHz and 26-30 GHz for testing satellite-based system performance under missile defense agency contract.
Fixed: West Chicago (DuPage), IL
- **WE2XDV THE BOEING COMPANY 0485-EX-PL-2006**
New experimental to operate in the Ku-band (14.00-14.50 GHz) for VSAT testing.
Mobile: Continental United States