

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

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Report No. 418 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 10/1/08 to 12/1/08:

- **WE2XUF BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0324-EX-PL-2008**
New experimental to operate on select frequencies between 1.1 MHz and 13.78 MHz for testing RF system.
Mobile: Temporary Fixed Locations, Hudson, NH
- **WE2XVM DX ENGINEERING 0407-EX-PL-2008**
New experimental to operate in 1.8 – 54 MHz to test antennas and communications accessories.
Fixed: Peninsula (Summit), OH
- **WE2XMO BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0371-EX-PL-2007**
New experimental to operate on select frequencies between 8 and 999.95 MHz for antenna testing
Fixed: Litchfield (Hillsboro), NH
- **WE2XRO NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORP. 0182-EX-PL-2008**
New experimental to operate on select frequencies and in bands from 20-2479.85 MHz for testing aircraft antenna receiver system with a ground-based emitter.
Fixed: Sacramento (Sacramento), FL
- **WE2XTS MOTOROLA, INC. 0330-EX-PL-2008**
New experimental to operate in frequency bands between 144.10 MHz and 497.00 MHz to test and design digital land mobile radio base stations.
Mobile: Schaumburg, IL
- **WE2XPU BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0395-EX-PL-2007**
New experimental to operate on 153.98 MHz for testing a First Intercomm system for communication to deal with emergency situations.
Mobile: Hudson, NH
- **WE2XVQ THE BOEING COMPANY 0399-EX-PL-2008**
New experimental to operate in 200 – 224 MHz, 400 – 405 MHz, 421 – 607 MHz and 615 – 930 MHz for testing and analysis of software defined radio (SDR) equipment.
Fixed: Berkeley (St. Louis), MO
- **WD2XLW ALFRED MANN FOUNDATION FOR SCIENTIFIC RESEARCH 0255-EX-PL-2004**
New experimental to operate in 216-224.9995 MHz and 400-470 MHz for transmissions under a government contract.
Mobile: Continental United States, AK and HI

- **WE2XUT COMPOSITE ENGINEERING INC. (CEI) 0362-EX-PL-2008**
New experimental to operate in 300 – 2200 MHz for UAV testing.
Fixed: Sacramento (Sacramento), CA
- **WE2XWC CVRX INCORPORATED 0451-EX-PL-2008**
New experimental to operate in 404-405 MHz for development of medical implant devices.
Mobile: Brooklyn Park, MN; Coon Rapids, MN; Osceola, WI
- **WE2XVR IMSAR LLC 0414-EX-PL-2008**
New experimental to operate on 435 MHz, 10.25 GHz, 16.7 GHz and 34.70 GHz to test and research low power radar systems.
Mobile: Boardman, OR
- **WE2XVH SPACECRAFT TECHNOLOGY CENTER 0375-EX-PL-2008**
New experimental to operate in 450 – 470 MHz for telemetry of a camera controller package used to collect data of several images of star fields and orbiting satellites.
Mobile: Continental United States, AK and HI
- **WE2XWU CONTINENTAL AUTOMOTIVE SYSTEMS US, INC. 0441-EX-PL-2008**
New experimental to operate on 858.9875 MHz and 859.9875 MHz for testing vehicle data systems.
Fixed & Mobile: Cedar Rapids (Linn), IA
- **WE2XVP CITY COLLEGE OF NEW YORK 0415-EX-PL-2008**
New experimental to operate on 915 MHz for a wind profiler radar to measure wind speed and direction.
Mobile: Boardman, OR; Provo, UT; China Lake, CA; Yuma, AZ; Whidbey Island, WA; Arlington, OR
- **WE2XVJ GENERAL DYNAMICS 0358-EX-PL-2008**
New experimental to operate on 1227.6 MHz and 1575.42 MHz using GPS re-radiator to test GPS equipment in support of Joint Tactical Radio System under Navy contract.
Fixed: Scottsdale (Maricopa), AZ
- **WE2XVT MOBILE SATELLITE VENTURES SUBSIDIARY LLC 0421-EX-PL-2008**
New experimental to operate in 1531.375 - 1531.425 MHz and 1997.125 - 1997.425 MHz for signal coverage testing.
Fixed: Laurel (Howard), MD; Fairfax (Fairfax), VA
- **WE2XUZ BMW OF NORTH AMERICA, LLC 0367-EX-PL-2008**
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
Fixed: Brunswick (Glynn), GA
- **WE2XUW THE MILLENNIA GROUP INC 0372-EX-PL-2008**
New experimental to operate on 1575.42 MHz to test a GPS re-radiator.
Fixed: Cheswick (Alleghany), PA
- **WE2XUG MOREHEAD STATE UNIVERSITY 0354-EX-PL-2008**
New experimental to operate in 2417.20 - 2431.20 MHz for Kaysat-1 testing.
Fixed: Morehead (Rowan), KY
- **WE2XVX HARRIS STRATEX NETWORKS 0395-EX-PL-2008**
New experimental to operate in 2500-2690 MHz to develop, test, and demonstrate WiMAX wireless equipment.
Fixed: San Jose, CA
- **WE2XMT MOTOROLA, INC. 0566-EX-PL-2007**
New experimental to operate in 3500 MHz – 3600 MHz for testing WiMAX equipment.
Fixed: Plantation (Broward), FL

- **WE2XUH IROBOT CORPORATION 0328-EX-PL-2008**
 New experimental to operate in 4940 MHz – 4990 MHz for RF testing of radios.
 Mobile: In and around Plymouth MA airport
- **WE2XQM DRS-SURVEILLANCE SUPPORT SYSTEMS INC. 0101-EX-PL-2008**
 New experimental to operate an outdoor RF test range on frequencies and bands between 5250 MHz and 9350 GHz to fulfill requirements of a government contract.
 Mobile: Largo, Pinellas, Florida
- **WE2XVG LOCKHEED MARTIN CORPORATION 0397-EX-PL-2008**
 New experimental to operate in 5250 – 5600 MHz, 5650 – 5850 MHz, 8500 – 9000 MHz, 9200 – 9600 MHz, 9210 – 9560 MHz and 34500 - 35500 MHz to test Egyptian Navy Fast Missile Craft under government contract.
 Fixed: Manassas (Prince William), VA
- **WE2XVI HARRIS CORPORATION 0388-EX-PL-2008**
 New experimental to operate in 5700-5800 MHz to develop a new family of radio communications equipment.
 Fixed & Mobile: Rochester (Monroe), NY
- **WD2XAW LOCKHEED MARTIN CORPORATION 0208-EX-PL-2008**
 New experimental to operate on 9170 MHz, 9225 MHz and 9438 MHz for development and testing of a maritime radar coastal station.
 Fixed: Syracuse (Onondaga), NY
- **WE2XTY RADIANCE TECHNOLOGIES INC. 0321-EX-PL-2008**
 New experimental to operate in 10.4 – 10.6 GHz to detect and track high velocity, small caliber ballistic projectiles.
 Fixed & Mobile: Oxford (Lafayette), MS; Verona (Lee) MS
- **WE2XSN THE BOEING COMPANY 0657-EX-PL-2007**
 New experimental to operate in various frequency bands between 30 MHz and 18 GHz for equipment testing.
 Fixed: Marana (Pinal), AZ
- **WE2XUU DENSO CORPORATION 0297-EX-PL-2008**
 New experimental to operate in 76 – 77 GHz for data collection for future product development.
 Mobile: Continental US, AK and HI
- **WE2XTZ TREX ENTERPRISES CORPORATION 0268-EX-PL-2008**
 New experimental to operate in 78 – 81 GHz for testing the Foreign Object Debris (FOD) detection system to detect and classify the presence of FOD on airport runways with a mobile low power millimeter wave 3-D imaging radar system.
 Mobile: Runways at airports throughout the Continental US, AK and HI