

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
455 12TH STREET, S.W.
WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

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Report No. 417 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 9/1/08 to 10/1/08:

- **WE2XTU JAMES EDWIN WHEDBEE 0343-EX-PL-2008**
New experimental to operate in select bands from 130 kHz to 450 MHz for testing efficiency of various omni-directional antenna designs.
Mobile: Gladstone (Clay), MO
- **WE2XTT GALASSO, PHILIP E. 0244-EX-PL-2008**
New experimental to operate in 505-510 kHz for propagation studies and research of MF communications systems.
Fixed: Huntington Township (Luzern), PA
- **WE2XAP LOCKHEED MARTIN CORPORATION 0664-EX-PL-2006**
New experimental to operate on select frequencies from 2 MHz to 1800 MHz for testing the antennas of a submarine early warning system.
Fixed: Liverpool (Onondaga), NY
- **WE2XST INTEL CORPORATION 0232-EX-PL-2008**
New experimental to operate in 2.5-2.69 MHz for WiMAX testing.
Mobile: Hillsboro, OR
- **WE2XUR JAMES EDWIN WHEDBEE (D/B/A KCMSD RADIO CLUB) 0382-EX-PL-2008**
New experimental to operate in 27.245-27.255 MHz for teaching students propagation testing in radiocommunications as part of an educational curriculum.
Mobile: Kansas City (Jackson), MO
- **WE2XOB NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORP. 0712-EX-PL-2007**
New experimental to operate on 40 MHz and 49.8 MHz for ground-to-ground waveform testing of a SINCGARS.
Mobile: San Diego (San Diego County), CA
- **WE2XTC AVIONICS ENGINEERING CENTER / OHIO UNIVERSITY 0238-EX-PL-2008**
New experimental to operate on 114.45 MHz for research on a local area augmentation system.
Fixed: Albany (Athens), OH
- **WE2XPW BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0065-EX-PL-2008**
New experimental to operate in 150-174 MHz, and 463.4125-468.4125 MHz, and on 862.6375 MHz for testing an intercomm.
Mobile: Temporary fixed locations, Hudson, NH

- **WE2XUQ GEORGE SCHMITT & CO. 0311-EX-PL-2008**
New experimental to operate in 840.25-844.75 MHz, 865-869 MHz and 952-954 MHz for design and testing of RFID equipment for sales to foreign markets.
Fixed: Guilford (New Haven), CT
- **WE2XSV BLACKBIRD TECHNOLOGIES, INC. 0229-EX-PL-2008**
New experimental to operate on 1575 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
Fixed: Herndon (Fairfax), VA
- **WE2XTE CESSNA AIRCRAFT COMPANY 0179-EX-PL-2008**
New experimental to operate on 1575.4 MHz to test GPS re-radiators.
Fixed: Wichita (Sedgwick), KS;
- **WE2XUC GM ONSTAR 0291-EX-PL-2008**
New experimental to operate on 1575.42 MHz using a GPS re-radiator to test GPS equipment inside auto maker's manufacturing, production and testing facility.
Fixed: Detroit (Wayne), MI
- **WE2XUB GM ONSTAR 0294-EX-PL-2008**
New experimental to operate on 1575.42 MHz using a GPS re-radiator to test GPS equipment inside auto maker's manufacturing, production and testing facility.
Fixed: Troy (Wayne), MI
- **WE2XUD GM ONSTAR 0300-EX-PL-2008**
New experimental to operate on 1575.42 MHz using a GPS re-radiator to test GPS equipment inside auto maker's development and testing facility.
Fixed: Detroit (Wayne), MI
- **WD2XTS ARCTURUS UAV 0337-EX-PL-2008**
New experimental to operate in 1755-1850 MHz for equipment development.
Mobile: Area is approximately 4 miles North East of Middletown, CA
- **WE2XUE RAYTHEON COMPANY 0304-EX-PL-2008**
New experimental to operate in 1792.50-1797.50 MHz for testing of a broadband communications system.
Fixed & Mobile: Pasadena (Los Angeles), CA
- **WE2XRD RAYTHEON 0126-EX-PL-2008**
New experimental to operate in 2000-4990 MHz, 10550-12750 MHz and 14200-14400 MHz for outdoor antenna testing.
Fixed: McKinney (Collin), TX
- **WE2XUO STANFORD UNIVERSITY, CLEAN SLATE INTERNET DESIGN PROGRAM 0335-EX-PL-2008**
New experimental to operate in 2400-2695.55 MHz for testing and demonstrating WiMAX radio technology.
Mobile: Stanford, (Santa Clara), CA
- **WE2XTV NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORP. 0346-EX-PL-2008**
New experimental to operate on 4707 MHz for testing Warfighter Information Network - Tactical (WIN-T) command posts.
Mobile: Huntsville (Madison), AL
- **WE2XVB EF JOHNSON COMPANY 0331-EX-PL-2008**
New experimental to operate in 4940-4990 MHz for field testing wideband LAN equipment.
Mobile: Rockville (Montgomery), MD
- **WE2XVA EF JOHNSON COMPANY 0334-EX-PL-2008**
New experimental to operate in 4940-4990 MHz for field testing wideband LAN equipment.
Mobile: Irving (Dallas), TX

- **WE2XUK ITT CORPORATION 0259-EX-PL-2008**
 New experimental to operate in 5091-5150 MHz for testing of point to multipoint WIMAX 802.16E technology.
 Fixed & Mobile: Fort Wayne (Allen), IN
- **WE2XTJ MUSTANG TECHNOLOGY GROUP, L.P. 0287-EX-PL-2008**
 New experimental to operate in 5450-6050 MHz for testing in support of US Army intelligent munitions system under contract.
 Mobile: Allen (Collin), TX; Lucas (Collin), TX; Roanoke (Denton), TX
- **WE2XSJ GENERAL DYNAMICS ARMAMENT AND TECHNICAL PRODUCTS, INC. 0042-EX-PL-2008**
 New experimental to operate in 6000-10600 MHz, 10700-14470 MHz, 14500-15350 MHz and 15400-18000 MHz for radiated testing for the development, manufacture and acceptance testing of military and commercial radomes.
 Fixed: Marion (Smyth), VA
- **WE2XUN RADIANCE TECHNOLOGIES INC. 0357-EX-PL-2008**
 New experimental to operate in 8500-10600 MHz to test and validate radar system design that detects and tracks vehicles, personnel, and low-flying aircrafts.
 Fixed & Mobile Oxford (LaFayette), Mississippi; Verona (Lee), MS
- **WE2XUJ LOCKHEED MARTIN CORPORATION 0352-EX-PL-2008**
 New experimental to operate on 9520 MHz for test and design of advanced aviation recon system radar.
 Mobile: Phoenix (Maricopa), AZ; St Louis (St Louis), MO
- **WE2XTX RAYSAT ANTENNA SYSTEMS, LLC 0203-EX-PL-2008**
 New experimental to operate to operate in 14000-14500 MHz to test up to 100 Land Mobile-Satellite Service (LMSS) earth stations.
 Mobile: Continental United States, Alaska and Hawaii
- **WE2XTW RAYSAT ANTENNA SYSTEMS, LLC 0204-EX-PL-2008**
 New experimental to operate to operate in 14000-14500 MHz to test up to 100 Land Mobile-Satellite Service (LMSS) earth stations).
 Mobile: Continental United States, Alaska and Hawaii