

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

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Report No. 419 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 12/1/08 to 1/1/09:

- **WE2XWT HARRIS CORPORATION 0457-EX-PL-2008**
New experimental to operate in 32-32.9 MHz, 33.5-34.9 MHz, 72.5-72.7 MHz and 75.4-75.9 MHz for testing of next-generation radio equipment used for national security purposes.
Fixed & Mobile: Rochester (Monroe), NY
- **WE2XVK LOCKHEED MARTIN CORPORATION 0400-EX-PL-2008**
New experimental to operate on 129 MHz, 404 MHz, 897 MHz and 1754 MHz for Terrestrially transmitting and receiving digital voice and data.
Fixed: Littleton (Jefferson), CO
- **WE2XXA ENEXUS ENERGY CORPORATION 0499-EX-PL-2008**
New experimental to operate in 150-216 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; Plymouth (Plymouth), MA
- **WE2XUY GENERAL DYNAMICS C4S 0308-EX-PL-2008**
New experimental to operate in 156.3-157.175 MHz, and on 162.325 MHz, 163.05 MHz, 163.1375 MHz, 164.55 MHz, 164.9 MHz, 165.3125 MHz, 166.4625 MHz, 171.2375 MHz, 171.35 MHz, 172.3125 MHz, 410.375 MHz, 411.7875 MHz, 412.975 MHz, 413 MHz and 413.025 MHz for testing of equipment in support of USCG contract to support modernizing the national distress and response system.
Fixed: Scottsdale, AZ
- **WE2XXI ADAPTRUM, INC. 0460-EX-PL-2008**
New experimental to operate in 174 – 216 MHz, 470 – 608 MHz and 614 – 698 MHz for testing of white space devices.
Mobile: Within State of CA
- **WE2XWS COMMLABS, INC. 0423-EX-PL-2008**
New experimental to operate on 218 MHz for equipment development.
Fixed & Mobile: Between Santa Clara and San Francisco, CA with a specific radius of operation not exceeding 1 km
- **WE2XWZ ENEXUS ENERGY CORPORATION 0495-EX-PL-2008**
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; Plymouth (Plymouth), MA

- **WE2XVY ESS, INC. 0447-EX-PL-2008**
 New experimental to operate in 500-510 kHz for demonstrating text messaging and remote sensor control using ground wave propagation.
 Fixed: Fountain Hills (Maricopa), AZ
- **WE2XRL LOCKHEED MARTIN CORPORATION 0191-EX-PL-2008**
 New experimental to operate on 1030 MHz for testing an air radar defense system.
 Mobile: Syracuse, NY
- **WE2XUP INCORPORATED RESEARCH INSTITUTIONS FOR SEISMOLOGY/PASSCAL 0381-EX-PL-2008**
 New experimental to operate on 1575.42 MHz to test a GPS re-radiator.
 Fixed: Socorro (Socorro), NM
- **WE2XVF TD WILLIAMSON 0392-EX-PL-2008**
 New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
 Fixed: Salt Lake City (Salt Lake), UT
- **WE2XVS TEXAS DEPARTMENT OF TRANSPORTATION 0417-EX-PL-2008**
 New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
 Fixed: Austin (Travis), TX
- **WE2XWE WINLAB, RUTGERS UNIVERSITY 0456-EX-PL-2008**
 New experimental to operate on 2590 MHz and 2610 MHz for testing WiMAX, application servers and MIMO OFDMA.
 Mobile: Piscataway (Middlesex), NJ
- **WE2XWA CASCADE NETWORKS, INC. 0446-EX-PL-2008**
 New experimental to operate in 3650 - 3700 MHz for evaluating WiMax equipment.
 Fixed: Longview and Kalama (Cowlitz), WA
- **WE2XVZ ROCKWELL COLLINS, INC. 0428-EX-PL-2008**
 New experimental to operate in 9320.4127 - 9400.4127 MHz, 9327.424 - 9348.568 MHz, and on 9343.85 MHz and 9360.4127 MHz and in 9457.10 - 9483.40 MHz for weather radar data testing used for analysis, software development and verification.
 Fixed: Melbourne (Brevard), FL