

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

455 12TH STREET, S.W.

WASHINGTON, D.C. 20554

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## Report No. 407                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 9/1/07 to 10/1/07:

- **WE2XGR    WARREN H. ZIEGLER    0151-EX-PL-2007**  
New experimental to operate in 505-510 kHz and 510-515 kHz for propagation studies and research of LF communications systems.  
Fixed & Mobile: Wayland (Middlesex), MA; Burlington (Hartford), CT; Holden (Worcester), MA; Andover (Essex), MA; Ellsworth (Grafton), NH; Penn Yan (Yates), NY
- **WE2XHA    SUNAIR ELECTRONICS, INC.    0086-EX-PL-2007**  
New experimental to operate in 5888-23146.5 kHz to develop HF single-sideband equipment.  
Fixed: Ocala (Marion), FL
- **WE2XFV    RW SYSTEMS    0161-EX-PL-2007**  
New experimental to operate in 3.206-3.209 MHz and 39-39.0027 MHz for testing and demonstration of HF and VHF radios.  
Fixed & Mobile: Colorado Springs (El Paso), CO
- **WE2XGY    TRIMBLE NAVIGATION, LTD    0290-EX-PL-2007**  
New experimental to operate on 13.56 MHz and in 902-928 MHz and 2400-2483.50 MHz for locating emergency personnel in building utilizing various ISM bands.  
Fixed & Mobile: San Francisco Bay Area, CA
- **WE2XFJ    CISCO SYSTEMS    0481-EX-PL-2006**  
New experimental to operate in 30-48 MHz, 150-170 MHz, 450-470 MHz and 806-823 MHz for testing and demonstrating land mobile radios and to provide emergency disaster services.  
Mobile: Nationwide
- **WE2XHU    ENTERGY SERVICES, INC    0412-EX-PL-2007**  
New experimental to operate in 150-216 MHz for evaluating communications inside and around a nuclear reactor.  
Mobile: Entergy Palisades Nuclear Station, Covert, MI
- **WE2XHO    SIERRA RADIO SYSTEMS    0325-EX-PL-2007**  
New experimental to operate in 150-165.75 MHz, 165.775-173 MHz and 450-470 MHz for testing and demonstration of interoperability switching systems.  
Mobile: Portable field testing. Primary testing area is San Jose, CA
- **WE2XHX    ARIZONA PUBLIC SERVICE COMPANY    0355-EX-PL-2007**  
New experimental to operate using select frequencies and bands between 150.8-722 MHz for evaluating communications inside and around a nuclear reactor.  
Mobile: Palo Verde Nuclear Plant, Tonopah (Maricopa), AZ, primarily indoor use

- **WE2XJR SOUTHERN CALIFORNIA EDISON COMPANY 0524-EX-PL-2007**  
 New experimental to operate on 154.57 MHz for evaluating communications inside and around a nuclear reactor.  
 Fixed & Mobile: San Clemente, CA
- **WC9XNK SHINE MICRO, INC. 0626-EX-PL-2006**  
 New experimental to operate on 161.975 MHz and 162.025 MHz for testing AIS transponders.  
 Mobile: Puget Sound, WA
- **WE2XDX BLACKWATER AIRSHIPS LLC 0511-EX-PL-2006**  
 New experimental to operate in 417-429 MHz and 1700-1820 MHz for flight testing unmanned blimps.  
 Fixed: Moyock (Currituck), NC
- **WE2XHJ THE BOEING COMPANY 0689-EX-PL-2006**  
 New experimental to operate on 468 MHz for indoor testing of a GOES transmitter.  
 Fixed: El Segundo (Los Angeles), CA
- **WE2XIR EXELON GENERATION COMPANY, LLC 0445-EX-PL-2007**  
 New experimental to operate in 470-608 MHz and 614-806 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile: Dresden Nuclear Station, Morris, IL
- **WE2XID AMERGEN ENERGY COMPANY, LLC 0446-EX-PL-2007**  
 New experimental to operate in 470-608 MHz and 614-740 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile Three Mile Island Nuclear Station, Middletown (Dauphin), PA, primarily indoor use
- **WE2XIY OMAHA PUBLIC POWER DISTRICT 0461-EX-PL-2007**  
 New experimental to operate in 470-608 MHz and 614-806 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile: Fort Calhoun (WASHINGTON), NE, within confines of containment/auxiliary building
- **WE2XIT PPL SUSQUEHANNA LLC 0469-EX-PL-2007**  
 New experimental to operate in 470-722 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile: PPL SSES Nuclear Power Plant, Berwick (Luzerne), PA, primarily indoor use
- **WE2XJA DTE ENERGY 0510-EX-PL-2007**  
 New experimental to operate in 470-746 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile: Fermi Energy Center, Newport (Monroe), MI, primarily indoor use
- **WE2XJL WISCONSIN ELECTRIC POWER COMPANY 0505-EX-PL-2007**  
 New experimental to operate in 470-760 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile: Two Creeks (Manitowoc), WI
- **WE2XJC SOUTHERN COMPANY SERVICES, INC. 0465-EX-PL-2007**  
 New experimental to operate in 518-608 MHz, 614-740 MHz and 796-806 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile: Vogtle Electric Generating Plant
- **WE2XIS TXU BUSINESS SERVICES CORPORATION 0473-EX-PL-2007**  
 New experimental to operate in 518-760 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile: Glen Rose (Somervell), TX
- **WE2XIU ENERGY NORTHWEST 0490-EX-PL-2007**  
 New experimental to operate in 554-608 MHz and 614-722 MHz for evaluating communications inside and around a nuclear reactor.  
 Mobile: Columbia Generating Station, Richland, WA

- **WE2XIC SIEMENS VDO AUTOMOTIVE CORPORATION 0249-EX-PL-2007**  
 New experimental to operate in 811.2375-811.2375 MHz, 812.2375-812.2375 MHz, 814.2375-814.2375 MHz, 856.2375-856.2375 MHz, 857.2375-857.2375 MHz and 859.2375-859.2375 MHz for public safety and transit authorities for ITS.  
 Fixed & Mobile: Cedar Rapids (Linn), IA
- **WE2XHP CELLCO PARTNERSHIP 0535-EX-PL-2006**  
 New experimental to operate in 869-894 MHz for cellular network testing.  
 Fixed: Southlake, TX
- **WE2XHF SAVR COMMUNICATIONS, INC. 0082-EX-PL-2007**  
 New experimental to operate on 919 MHz and in 2.412-2.412 GHz for RFID testing.  
 Fixed: Irving (Dallas), TX
- **WE2XFF SYMBOL TECHNOLOGIES, INC. 0623-EX-PL-2006**  
 New experimental to operate on 1227.6 MHz and 1575.42 MHz to test GPS-enabled personal digital assistants.  
 Fixed: Holtsville (Suffolk) NY
- **WE2XGP QUALCOMM INC. 0279-EX-PL-2007**  
 New experimental to operate on 1575.42 MHz for GPS re-radiator  
 Fixed: San Diego (San Diego), CA
- **WE2XHE NAVINI NETWORKS 0002-EX-PL-2007**  
 New experimental to operate on 3400 MHz for equipment testing.  
 Mobile: Richardson (Collin), TX
- **WE2XHL DIGITAL SAIL 0083-EX-PL-2007**  
 New experimental to operate in 3650-3700 MHz for testing wireless broadband system operating in connection with a telemedicine network.  
 Fixed: Little Rock (Pulaski), AR; Russellville (Pope), AR
- **WE2XHT INNOVATIVE SIGNAL ANALYSIS INC 0358-EX-PL-2007**  
 New experimental to operate in 10700-11700 MHz for testing Microwave Communication Links.  
 Mobile: Clyde, TX