

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

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## Report No. 444                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 4/1/12 to 5/1/12:

- **WG2XEN ATSC LABORATORIES, INC. 0150-EX-PL-2012**  
New experimental to operate in 54 – 72 MHz, 76 – 88 MHz, 174 – 216 MHz, 470 – 608 MHz and 614 – 698 MHz for white spaces testing.  
Fixed & Mobile: Reno (Washoe), NV
- **WG2XBF THE BOEING COMPANY 0576-EX-PL-2011**  
New experimental to operate in 156 - 162.05 MHz for testing automatic identification system (AIS).  
Mobile: Seattle, WA; Boardman, OR
- **WF2XWO LILEE SYSTEMS, LTD. 0366-EX-PL-2011**  
New experimental to operate in 217-222 MHz to support Positive Train Control (PTC) mandated by FRA  
Fixed: Lebanon (Wilson), TN
- **WG2XCO LILEE SYSTEMS, LTD. 0046-EX-PL-2012**  
New experimental to operate in 217-222 MHz to support Positive Train Control (PTC) mandated by FRA  
Fixed: Rancho Cucamonga and Upland (San Bernardino), CA
- **WG2XCQ LILEE SYSTEMS, LTD. 0059-EX-PL-2012**  
New experimental to operate in 217-222 MHz to support Positive Train Control (PTC) mandated by FRA  
Fixed: Los Angeles (Los Angeles), CA
- **WG2XCR LILEE SYSTEMS, LTD. 0060-EX-PL-2012**  
New experimental to operate in 217-222 MHz to support Positive Train Control (PTC) mandated by FRA in band  
Mobile: Home Gardens, CA
- **WG2XBG STATE OF TEXAS (DEPT OF PUBLIC SAFETY) 0636-EX-PL-2011**  
New experimental to operate on 765.50 MHz and 795.50 MHz to Test LTE Technologies within Public Safety Band.  
Fixed & Mobile: Baytown, TX; Pasadena, TX; Houston, TX; College Station, TX
- **WG2XEA MICROSOFT CORPORATION 0133-EX-PL-2012**  
New experimental to operate on 800 MHz and 1900 MHz to test femtocell platform.  
Mobile: Redmond, WA
- **WG2XDZ NATIONAL TEST PILOT SCHOOL 0079-EX-PL-2012**  
New experimental to operate on 900 MHz to operate a simulated UAV.  
Mobile: Mounted in a aircraft that will be working within 40nm f KMHV between ground level and 10000ft MSL, Mojave, CA

- **WG2XAD ISR GROUP 0472-EX-PL-2011**  
New experimental to operate in frequency bands between 902 MHz and 4940 MHz to test UAH systems.  
Fixed: Hardin (Hardin), TN
- **WG2XEI SHARED SPECTRUM COMPANY 0115-EX-PL-2012**  
New experimental to operate in 902 – 928 MHz, 1755 – 1850 MHz, 2400 - 2483.50 MHz, 4400 – 4900 MHz and 5650 – 5925 MHz for wireless network testing  
Mobile: Vienna (Fairfax), VA
- **WG2XCP LOCKHEED MARTIN CORPORATION 0056-EX-PL-2012**  
New experimental to operate on 1275 MHz and 1372.50 MHz to verify detections capabilities of a radar system using the FAA frequencies.  
Fixed: Syracuse (Onondaga), NY
- **WF2XDV ON-RAMP WIRELESS 0173-EX-PL-2012**  
New experimental to operate on 1575 MHz to test a GPS reradiator  
Fixed: San Diego (San Diego), CA
- **WG2XBL HARRIS CORPORATION 0579-EX-PL-2011**  
New experimental to operate on 1575.42 MHz to use GPS re-radiator to test military radios.  
Fixed: Palm Bay (Brevard), FL
- **WG2XDQ CISCO SYSTEMS 0092-EX-PL-2012**  
New experimental to operate in 1800 – 1830 MHz for equipment testing.  
Fixed & Mobile: San Jose (Santa Clara), CA
- **WG2XBO QUALCOMM INCORPORATED 0024-EX-PL-2012**  
New experimental to operate on 2105 MHz to test Third Generation (3G) technologies.  
Fixed & Mobile: Bridgewater (Somerset), NJ; San Diego [San Diego], CA
- **WG2XEL GENERAL DYNAMICS C4 SYSTEMS 0149-EX-PL-2012**  
New experimental to operate in 3424-3452 MHz and 3524-3552 MHz for in-progress U.S. Army contract.  
Fixed & Mobile: Scottsdale (Maricopa), AZ
- **WG2XCW GENERAL DYNAMICS ADVANCED INFORMATION SYSTEMS 0054-EX-PL-2012**  
New experimental in 9200 - 10000 MHz to study radar return of objects.  
Fixed: Vail, AZ
- **WG2XDB GENERAL ATOMICS AERONAUTICAL SYSTEMS 0072-EX-PL-2012**  
New experimental in 9300-9500 MHz to test radar equipment.  
Mobile: Palmdale, CA
- **WG2XEK RAYTHEON MISSILE SYSTEMS 0140-EX-PL-2012**  
New experimental to operate in 92 – 94 GHz Testing and development of a new broadband technology for use by the US military  
Fixed: Van Nuys (Los Angeles), CA