

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

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WASHINGTON, D.C. 20554

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

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## Report No. 443                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 3/1/12 to 4/1/12:

- **WG2XCT HUGH P. BUNN, PE 0064-EX-PL-2012**  
New experimental to operate in 495 – 510 kHz for research to develop class E transmitting equipment and propagation studies.  
Fixed: Spartanburg (Spartanburg), SC
- **WF2XYX LOCKHEED MARTIN CORPORATION 0515-EX-PL-2011**  
New experimental to operate on select frequencies between 109.375 MHz and 1400 MHz to operate a commercial test equipment antenna range under US Government contract  
Fixed: Syracuse (Onondaga), NY
- **WG2XDK SENSUS SPECTRUM LLC 0094-EX-PL-2012**  
New experimental to operate in 450 – 470 MHz for testing base and endpoint products  
Fixed & Mobile: Durham, North Carolina; Covington, LA; Uniontown, PA; Goleta, CA; California, PA; Stafford, TX; Plano, TX
- **WG2XDT ODIN TECHNOLOGIES 0067-EX-PL-2012**  
New experimental to operate in 860 – 870 MHz for RFID tag performance evaluation using frequencies that are used for this purpose in Europe and Japan.  
Mobile: Ashburn (Loudoun), VA
- **WG2XBU DATA SCIENCES INTERNATIONAL 0034-EX-PL-2012**  
New experimental to operate in 863 – 870 MHz and 902 – 928 MHz for equipment testing  
Fixed: New Brighton (Ramsey), MN
- **WG2XDV SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT 0123-EX-PL-2012**  
New experimental to operate wind profiler radar on 915 MHz for meteorological studies.  
Fixed: Irvine and Pacoima, CA
- **WG2XDG THE BOEING COMPANY 0091-EX-PL-2012**  
New experimental to operate in 2400 – 2483 MHz for demonstration control of multi-UAV.  
Fixed & Mobile: Flight level of 11,000 MSL feet, Boardman (Morrow), OR
- **WG2XCZ BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0058-EX-PL-2012**  
New experimental to operate in 4400 - 4990 MHz and 14.50 - 15.35 GHz for testing antennas.  
Mobile: Temporary Fixed (Ground), Litchfield, NH

- **WG2XAF LOCKHEED MARTIN CORPORAITION 0606-EX-PL-2011**  
 New experimental to operate on select frequencies between 4410 MHz and 4930 MHz for testing of the sniper targeting POD  
 Mobile: Fort Worth (Tarrant), TX; Possum Kingdom Lake (Pala Pinto), TX; Fort Sill, Lawton (Comanche), OK
- **WG2XDA GENERAL DYNAMICS C4 SYSTEMS 0070-EX-PL-2012**  
 New experimental to operate in 9400 - 9600 MHz to build and operate a prototype border protection system demonstration site to support US Government contract pursuits.  
 Fixed: Wittman (Maricopa), AZ
- **WG2XAW ELTA NORTH AMERICA 0644-EX-PL-2011**  
 New experimental to operate on 10.2 GHz for testing radar equipment  
 Fixed: Fulton (Howard), MD
- **WG2XCN GENERAL DYNAMICS C4 SYSTEMS 0004-EX-PL-2012**  
 New experimental to operate in 16.2 - 17.2 GHz to build and operate a prototype border protection system demonstration site to support US Government contract pursuits.  
 Fixed: Wittman (Maricopa), AZ
- **WG2XBJ SRC, INC. 0011-EX-PL-2012**  
 New experimental to operate in 16.21 - 16.50 GHz for testing of the SR HAWK radars.  
 Mobile: Wittman (Maricopa), AZ
- **WG2XDJ TELEDYNE BROWN ENGINEERING INC 0077-EX-PL-2012**  
 New experimental to operate in 34.20 - 36.20 GHz for Radar testing  
 Mobile: Huntsville, AL - Campus of Teledyne Brown Engineering; Courtland, AL - Courtland Airport FAA Identifier 9A4