

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. 436 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 5/1/11 to 6/1/11:

- **WF2XNP RAYTHEON MISSILE SYSTEMS 0403-EX-PL-2010**
New experimental to operate in 80 – 200 MHz for testing low frequency antennas
Fixed: Tucson (Pima), AZ
- **WF2XSR THE BOEING COMPANY 0068-EX-PL-2011**
New experimental to operate on 80, 1050, 1950, 5550, 9410, 20000 and 36500 MHz for testing AN/PLM-4 Radar.
Mobile: Seattle (King), WA
- **WF2XSP JAMES CUTLER 0151-EX-PL-2011**
New experimental to operate in 144 – 146 MHz and 437 – 439 MHz for testing an image processing algorithm that will be used on a future space flight
Mobile: Low Earth Orbit, 350 km - 820 km altitude
- **WF2XSW LILEE SYSTEMS, LTD 0169-EX-PL-2011**
New experimental to operate in 217-222 MHz to support Positive Train Control (PTC) mandated by FRA.
Fixed: New York (New York), NY
- **WF2XSZ CALIFORNIA, STATE OF 0156-EX-PL-2011**
New experimental to operate on 401.7455 and 401.8855 MHz for weather data collection.
Fixed: Castaic (Los Angeles), CA
- **WF2XTS ALCATEL-LUCENT 0135-EX-PL-2011**
New experimental to operate in 758 – 768 MHz and 788 – 798 MHz for testing LTE equipment.
Fixed: Murray Hill (Union), NJ
- **WF2XTC AAI / TEXTRON SYSTEMS CORPORATION 0441-EX-PL-2010**
New experimental to operate in 902 – 928, 1755 – 1850, and 4400 – 4940 MHz for UAV technology development.
Mobile: Wallops Island (Accomack), VA; Blackstone (Nottoway), VA; Lexington Park (St Mary's), MD; Yuma (Yuma), AZ; New Hanover (Burlington), NJ; Salina (Saline), KS
- **WF2XTE MARYLAND DEPARTMENT OF THE ENVIRONMENT 0176-EX-PL-2011**
New experimental to operate on 915 MHz to test wind profiling technology.
Fixed: Cambridge (Dorchester), MD
- **WF2XSI APPAREO SYSTEMS, LLC 0452-EX-PL-2010**
New experimental to operate on 978 MHz for developing air traffic control equipment.
Fixed: Fargo (Cass), ND; Northfield, NJ; Lexington Park, MD

- **WF2XQG ROBERTSHAW IPD 0442-EX-PL-2010**
 New experimental to operate on 1227.60 MHz and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
 Fixed: Maryville (Blount), TN
- **WF2XTM LOCKHEED MARTIN CORPORATION 0179-EX-PL-2011**
 New experimental to operate in 1435 – 1525 MHz for flight test of F35 and other USAF, FMS, and commercial programs.
 Mobile: Fort Worth (Tarrant), TX
- **WF2XSX LOCKHEED MARTIN CORPORATION 0170-EX-PL-2011**
 New experimental to operate on 2240.50 and 2280.00 MHz to test a radio transmitter for a Directional Attach Guided Rocket.
 Fixed & Mobile: Eglin AFB [Okaloosa], FL
- **WF2XUD CISCO SYSTEMS 0204-EX-PL-2011**
 New experimental to operate in 5250 – 5250 MHz for testing Part 15 equipment.
 Fixed & Mobile: Continental United States, AK & HI
- **WF2XTO QUALCOMM INCORPORATED 0203-EX-PL-2011**
 New experimental to operate in 5850 – 5925 MHz to test and evaluate DSRC devices.
 Mobile: New York (New York), NY; Bridgewater (Somerset), NJ
- **WF2XQC LAPOINT BLASE INDUSTRIES, INC. 0549-EX-PL-2010**
 New experimental to operate in 9320 – 9370 MHz for testing system operation and validation of X-Band portable Doppler weather.
 Fixed & Mobile: Continental United States
- **WF2XTT THE BOEING COMPANY 0202-EX-PL-2011**
 New experimental to operate in 58 – 59 GHz and 62 – 63 GHz for testing wireless systems.
 Fixed: St. Louis (St. Louis), MO