

# PUBLIC NOTICE

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

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## Report No. 476                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 1/1/16 to 1/31/16:

- **AEROSPACE CORPORATION, THE WI2XBG 0586-EX-PL-2015**  
New experimental to operate on 914.7 MHz for CubeSat mission testing  
Fixed & Mobile: El Segundo (Los Angeles), CA; College Station (Brazos), TX; Gainsville (Aluchia), FL; Kihei (Maui), HI; Mt. Wilson (Los Angeles), CA; Vandenberg AFB (Santa Barbara), CA; Nongeostationary Space Orbit over Los Angeles, CA
- **BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. WI2XAH 0655-EX-PL-2015**  
New experimental to operate on 252.00, 287.00 and 316.00 MHz for testing RF systems.  
Mobile: Temporary Fixed Ground Operations, Merrimack, NH
- **CALIFORNIA, STATE OF WI2XDT 0005-EX-PL-2016**  
New experimental to operate on 401.8105 and 401.8855 MHz for data collection using GOES  
Fixed: Walnut Grove (Sacramento), CA
- **CALIFORNIA, STATE OF WI2XDS 0006-EX-PL-2016**  
New experimental to operate on 401.9575 MHz for data collection using GOES.  
Fixed: Walnut Grove (Sacramento), CA
- **CALIFORNIA, STATE OF WI2XDU 0008-EX-PL-2016**  
New experimental to operate on 401.9575 MHz for data collection using GOES.  
Fixed: Walnut Grove (Sacramento), CA
- **DELTA AIR LINES INC WI2XBI 0624-EX-PL-2015**  
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.  
Fixed: Detroit (Wayne), MI; Atlanta (Clayton), GA; Minneapolis (Hennepin), MN

- **ERICSSON WI2XBR 0629-EX-PL-2015**  
 New experimental to operate in 14.50 - 15.35 GHz for equipment testing  
 Fixed & Mobile: Waltham (Middlesex), MA Inside the Verizon Innovation Lab
- **ERICSSON WI2XDB 0801-EX-PL-2015**  
 New experimental to operate on 14 GHz and 28 GHz  
 For equipment testing  
 Fixed & Mobile: Piscataway (Middlesex), NJ
- **GENERAL ATOMICS AERONAUTICAL SYSTEMS WI2XAI 0632-EX-PL-2015**  
 New experimental in 16.25-18.24 GHz for aircrew training requirements for unmanned aircraft systems.  
 Mobile: Grand Forks, ND airborne max altitude 30,000 ft
- **GEOCHEMICAL AND ENVIRONMENTAL RESEARCH GROUP WI2XCL 0709-EX-PL-2015**  
 New experimental to operate in 4.438-4.488 MHz for use of CODAR SeaSonde radars to measure and map near-surface ocean currents, wave heights and local wind direction.  
 Fixed: Gilchrist (Galveston), TX
- **HEADSIGHT, INC. WI2XAB 0551-EX-PL-2015**  
 New experimental to operate on 3.475 GHz to conduct experimental operations and testing in connection with product development and/or market trials of its ultra-wide band (UWB) ground penetrating radar device.  
 Mobile: Plentywood, MT and surrounding area
- **KYMETA CORPORATION WI2XBA 0670-EX-PL-2015**  
 New experimental to operate in 10.70 - 12.75 GHz and 17.00- 21.00 GHz to test and demonstrate various antenna technologies.  
 Fixed: Throughout the US
- **LOCKHEED MARTIN CORPORATION WI2XCM 0752-EX-PL-2015**  
 New experimental to operate on 2377.00 and 2412.00 MHz to support an autonomous shuttle pilot program.  
 Mobile Grand Prairie (Dallas), TX; Littleton (Arapahoe), CO; Avon (Hendricks), IN
- **LOCKHEED MARTIN CORPORATION WI2XCV 0778-EX-PL-2015**  
 New experimental to operate on 1436.50 and 1747.50 MHz to perform a ground test of air vehicle system.  
 Fixed: Essington (Delaware), PA
- **NOKIA SOLUTIONS & NETWORKS US LLC WI2XDD 0771-EX-PL-2015**  
 New experimental to operate on 3.4 GHz for Testing prototype equipment.  
 Fixed: Irving (Dallas), TX; Arlington Heights (Cook), IL
- **NOKIA SOLUTIONS AND NETWORKS US LLC WI2XDA 0792-EX-PL-2015**  
 New experimental to operate on 38 GHz  
 For equipment testing  
 Fixed & Mobile: Irving (Dallas), TX; Arlington Heights (Cook), IL; Waltham (Middlesex), MA; Basking Ridge (Somerset), NJ; Euless (Tarrant), TX; Murray Hill (Union), NJ; Brooklyn (Kings), NY;

- **NORTHROP GRUMMAN SYSTEMS CORPORATION WI2XCQ 0749-EX-PL-2015**  
 New experimental to operate in 5690-5720 MHz for testing radar transmission techniques that will enhance a tactical radar performance.  
 Fixed: Rolling Meadows (Cook), IL
- **ORBITAL ATK WI2XBF 0693-EX-PL-2015**  
 New experimental to operate Indoor equipment testing at 26 GHz  
 Fixed: Dulles (Loudoun), VA
- **PARALLEL WIRELESS, INC. WI2XED 0053-EX-PL-2016**  
 New experimental to operate in 1920.00 - 1980.00 and 2110.00 - 2170.00 MHz for testing 3G, 4G, 5G equipment  
 Fixed & Mobile: Nashua, NH
- **QUALCOMM TECHNOLOGIES, INC WI2XCC 0751-EX-PL-2015**  
 New experimental to operate in 3550-3650 MHz to evaluate a downlink LTE system.  
 Fixed & Mobile: Bridgewater (Somerset), NJ
- **SPIDERCLOUD WIRELESS, INC WI2XDM 0797-EX-PL-2015**  
 New experimental to operate in 869-894 MHz to test 3G femtocell wireless products.  
 Fixed: San Diego (San Diego), CA
- **SRC, INC WI2XBU 0725-EX-PL-2015**  
 New experimental to operate in 420-450 MHz for research, testing, and development of a radar.  
 Fixed & Mobile: Syracuse (Onondaga), NY
- **TESTCO, LLC WI2XDF 0012-EX-PL-2016**  
 New experimental to operate in 38600.00 - 40000.00 MHz for testing prototype equipment.  
 Fixed: Boston, MA; New York, NY; Washington, DC
- **TEXAS TECH UNIVERSITY REESE CENTER WI2XEC 0052-EX-PL-2016**  
 New experimental to operate on 9330.00 MHz for testing TTU Ka radars.  
 Fixed: Lubbock, TX
- **THALES INFLYT EXPERIENCE WI2XCN 0742-EX-PL-2015**  
 New experimental to operate in 29500.00 - 30000.00 MHz to test a fixed antenna earth station.  
 Fixed: Irvine, CA
- **TORO COMPANY, THE WI2XCR 0757-EX-PL-2015**  
 New experimental to operate on 1227.60 and 1575.42 MHz for testing GPS.  
 Fixed: Bloomington (Hennepin), MN
- **TURBINE AIRCRAFT SERVICES, LLC WH2XZI 0495-EX-PL-2015**  
 New experimental to operate on 1575.00 MHz for testing GPS.  
 Fixed: Bethany (Oklahoma), OK