

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
455 12TH STREET, S.W.
WASHINGTON, D.C. 20554

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

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Report No. 473 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 9/1/15 to 9/30/15:

- **AMERICAN H BLOCK WIRELESS WH2XZU 0275-EX-PL-2015**
New experimental to operate in 1915.00 - 1920.00 MHz for testing of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
Fixed: San Francisco (San Francisco), CA
- **CISCO SYSTEMS WH2XXW 0482-EX-PL-2015**
New experimental to operate on 700 MHz for equipment testing
Mobile: San Jose, CA Cisco Campus
- **FAIL-SAFE SOLUTIONS, LLC WH2XYN 0532-EX-PL-2015**
New experimental to operate on 1952.20, 1957.80, 2142.20 and 2147.80 MHz for equipment testing
Mobile: Inside confines of Camp Gruber, OK
- **GATESAIR INC. WH2XYY 0555-EX-PL-2015**
New experimental to operate in 572-578 MHz to test proposals for the next generation television standard.
Fixed: Parma (Cuyahoga), OH
- **GLOBALSTAR, INC. WH2XYF 0468-EX-PL-2015**
New experimental to operate in 1615-1620.57 MHz for space-to-space communications with SuperNova-Beta cubesat.
Mobile: Satellite in Low Earth Orbit
- **INSITU WH2XWZ 0421-EX-PL-2015**
New experimental to operate on select frequencies between 1785.00 and 2350.00 MHz to perform a data link test.
Fixed & Mobile: within 1 kilometer radius of Dalles, OR

- **LOCKHEED MARTIN CORPORATION WH2XWO 0234-EX-PL-2015**
 New experimental to operate on select frequencies between 427.00 and 28213.00 kHz to conduct research on detection of buried explosive material.
 Fixed: Bithlo and Orlando (Orange), FL
- **LOCKHEED MARTIN CORPORATION WH2XUC 0289-EX-PL-2015**
 New experimental to operate in 4800.00 - 4940.00 and 4990.00 - 5000.00 MHz to perform over-the-air testing of RF processing capabilities for spectrum dependent devices in 4 GHz band.
 Fixed & Mobile: Liverpool and S Syracuse (Onondaga), NY
- **LOJACK CORPORATION WH2XYS 0548-EX-PL-2015**
 New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment.
 Fixed: Westborough (Worcester), MA
- **NORTHROP GRUMMAN SYSTEMS CORPORATION WH2XYL 0483-EX-PL-2015**
 New experimental to operate in 16.2-17.2 GHz for development and demonstration of new Ku band AESA antenna technology and hardware.
 Fixed: Hanover (Anne Arundel), MD
- **RAYTHEON INTEGRATED DEFENSE SYSTEMS WH2XYT 0545-EX-PL-2015**
 New experimental to operate in 5400.00 - 5500.00 and 9300.00 - 10000.00 MHz to provide X-Band sensor data.
 Fixed & Mobile: White Sands Missile (Dona Anna), NM
- **RAYTHEON MISSILE SYSTEMS WH2XYD 0512-EX-PL-2015**
 New experimental to operate in 16.235 - 17.30 GHz to test a radar seeker technology.
 Mobile: Point Loma, CA; Mojave (Kern), CA; San Nicolas Island (Ventura), CA; San Clemente Island (Los Angeles), CA; Lake Mead (Clark), NV; Lake Powell (San Juan), UT; Tucson (Pima), AZ; Patagonia (Santa Cruz), AZ
- **RAYTHEON MISSILE SYSTEMS WH2XYE 0513-EX-PL-2015**
 New experimental to operate on 9405.00 MHz for testing a Raymarine commercial off the shelf marine radar system.
 Fixed: Albuquerque (Bernalillo), NM
- **SECURITY RADAR INTEGRATORS, INC. WH2XZB 0591-EX-PL-2015**
 New experimental to operate on 76465 MHz to test radar units at licensee's facilities.
 Fixed: Rockledge (Brevard), FL
- **SPIDERCLOUD WIRELESS, INC WH2XZA 0584-EX-PL-2015**
 New experimental to operate in 1930-1995 MHz to test multiple vendor portable equipment interoperating with the femto cell base station under development.
 Fixed: San Jose (Santa Clara), CA
- **SRC INC. WH2XYM 0504-EX-PL-2015**
 New experimental to operate on 16 GHz for Radar testing.
 Mobile: Olympic View, WA