

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

Released: October 6, 2015

Report No. 472 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 8/1/15 to 8/31/15:

- **BOEING COMPANY, THE WH2XXS 0469-EX-PL-2015**
New experimental to operate on 17500.00 MHz for testing the Kratos Lancaster Trajectory Control Unit (TCU).
Mobile: St Charles, MO
- **ESCAPE DYNAMICS, INC. WH2XXV 0474-EX-PL-2015**
New experimental to operate on 92 GHz for equipment testing
Fixed: White Sands (Dona Ana), NM
- **FLIR RADARS INC. WH2XWR 0377-EX-PL-2015**
New experimental to operate in 34.50 - 35.50 GHz for demonstrations of radar.
Mobile: Throughout the US
- **GENERAL MOTORS RESEARCH CORPORATION WH2XXR 0439-EX-PL-2015**
New experimental to operate on 1227.6 MHz and 1575.42 MHz using GPS re-radiators to perform crash testing to support the communications requirements for the crash testing of vehicles and telematics systems.
Fixed: Milford (Oakland), MI
- **GPS SOURCE WH2XWX 0406-EX-PL-2015**
New experimental to operate on 1227.6 MHz and 1575.42 MHz for use of GPS reradiators to test RNSS devices under government contract.
Fixed: Pueblo West (Pueblo), CO
- **INTEL CORPORATION WH2XXL 0459-EX-PL-2015**
New experimental to operate in 3800-4200 MHz to test new radio technologies.
Mobile: Hillsboro, OR

- **KYMETA CORPORATION WH2XUT 0344-EX-PL-2015**
 New experimental to operate in 27.60 - 29.10 GHz to test antenna technologies in Ka-Band.
 Fixed: Continental US
- **LOCKHEED MARTIN CORPORATION WH2XUN 0304-EX-PL-2015**
 New experimental to operate in 8-12 GHz to test propagation characteristics of radio frequency.
 Fixed: Camden (Quachita), AR
- **LOCKHEED MARTIN CORPORATION WH2XXA 0429-EX-PL-2015**
 New experimental to operate in 9.20 - 9.40, 9.90 - 10.20, 10.70 - 11.60 and 12.70 - 13.57 MHz to test signal waveform characteristics in HF.
 Mobile: 1 Km Radius of Syracuse and Cazenovia (Onondaga), NY
- **LOCKHEED MARTIN CORPORATION WH2XXB 0431-EX-PL-2015**
 New experimental to operate on 430 MHz to demonstrate RF link performance.
 Fixed: Sunnyvale (Santa Clara), CA
- **MOMENTUM DYNAMICS WH2XXX 0497-EX-PL-2015**
 New experimental to operate on 20.00 kHz to test wireless charging for electric vehicles.
 Fixed: Grand Prairie (Dallas), TX
- **RAYTHEON COMPANY WH2XXO 0450-EX-PL-2015**
 New experimental to operate in 9250.00 - 9950.00 MHz to test a new ground moving target indicator for radar in.
 Fixed: McKinney (Collin), TX
- **RAYTHEON IIS WH2XXK 0464-EX-PL-2015**
 New experimental to operate on 33.20, 39.20 and 47.20 MHz to test VHF command and control.
 Mobile: Las Cruces, NM
- **RAYTHEON MISSILE SYSTEMS WH2XXF 0022-EX-PL-2015**
 New experimental to operate on 50.00 MHz to test some of specialized K-Tech technologies.
 Fixed: Socorro (Socorro), NM
- **RAYTHEON MISSILE SYSTEMS WH2XXE 0448-EX-PL-2015**
 New experimental to operate in 3800.00 - 4200.00 MHz to research and develop a radar receiver system.
 Fixed: Tucson (Pima), AZ
- **RAYTHEON MISSILE SYSTEMS WH2XXU 0484-EX-PL-2015**
 New experimental to operate in 420.00 - 430.00 and 2250.50 - 5800.00 MHz for lab tests for various stages of flight control.
 Fixed: Huntsville (Madison), AL
- **RAYTHEON TECHNICAL SERVICES COMPANY WH2XXJ 0445-EX-PL-2015**
 New experimental to operate on select frequencies between 437.25 and 437.50 MHz for testing of ground stations in 400 MHz band.
 Fixed & Mobile: Aurora (Arapahoe), CO; Tucson (Pima), AZ; Rocky Mountain (Grand), CO; Summerhaven (Pima), AZ

- **RUCKUS WIRELESS WH2XXY 0488-EX-PL-2015**
 New experimental to operate in 2110.00 - 2155.00 and 2620.00 - 2690.00 MHz to test LTE system.
 Fixed & Mobile: Sunnyvale (Santa Clara), CA
- **SPACE EXPLORATION TECHNOLOGIES WH2XYB 0452-EX-PL-2015**
 New experimental to operate on 2205.5 MHz and 2231.5 MHz to provide communication between the Dragon commercial crew capsule and test equipment on the ground.
 Fixed: McGregor (McLennan), TX
- **SPECTRUM BRIDGE INC WH2XYC 0511-EX-PL-2015**
 New experimental in 470-608 MHz and 614-698 MHz to validate the use of high order modulation, multi-channel operation, and higher power to deliver broadband service to sparsely populated areas.
 Fixed: Hagerman (Harding), NM
- **TEXAS TECH UNIVERSITY WIND SCIENCE AND ENGINEERING RESEARCH CENTER WH2XXG 0446-EX-PL-2015**
 New experimental to operate on 34.86 and 35.06 GHz for testing Ka-band pulse compression radar system.
 Mobile: Within the US
- **UNIVERSITY OF KANSAS WH2XXQ 0417-EX-PL-2015**
 New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems using.
 Fixed: Lawrence, KS
- **WARD M. WHEATON WH2XXP 0462-EX-PL-2015**
 New experimental to operate in 135.7-137.8 kHz and 460-495 kHz for research into transmitter and antenna designs and propagation studies.
 Fixed: Tonopah (Maricopa), AZ