PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

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## Report No. 452 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 12/1/13 to 1/1/14:

* **4D SECURITY SOLUTIONS, INC. 0672-EX-PL-2013 WG2XXS**

New experimental to operate in 9.95 - 10.60 GHz to demonstrate mobile surveillance vehicle radar at Law Enforcement-Border trade shows

Mobile: Nationwide, US

* **AUDIO-TECHNICA U.S., INC. 0715-EX-PL-2013 WG2XYM**

New experimental to operate on 6 GHz for Equipment testing

Mobile United States (all 50)

* **BOEING COMPANY, THE 0675-EX-PL-2013 WG2XXT**

New experimental to operate in 1616 - 1626.50 MHz for testing modems using Iridium services

Fixed & Mobile: Seattle (King), WA

* **BOEING COMPANY, THE 0694-EX-PL-2013 WG2XYQ**

New experimental to operate on 131.55, 136.50, 136.60 and 136.975 MHz for testing Aircraft Communications Addressing and report system

Fixed: Oklahoma City (Oklahoma), OK

* **BOOZ ALLEN HAMILTON INC. 0702-EX-PL-2013 WG2XXV**

New experimental to operate in 902 - 904 and 909.75 - 921.75 MHz to test and demonstrate prototype remote sensors

Fixed & Mobile: Fredericksburg, VA; Flying H, NM; Morrisville, NC; Herndon, VA; Arlington, VA; McLean, VA; Tampa, FL; Fayetteville, NC

* **CARLSON WIRELESS 0703-EX-PL-2013 WG2XYY**

New experimental to operate in 470 - 698 MHz for White Spaces testing

Fixed: Auburn, IL; Siren, WI; Mt Ross, NY;

* **CARLSON WIRELESS TECHNOLOGIES, INC 0651-EX-PL-2013 WG2XYV**

New experimental to operate in 470 - 698 MHz for White Spaces testing

Fixed: Mountain View, CA; Castroville, TX; Middleton, SD; Carthage, TN; Hillsade, MI; Salem, IL; Centralia, IL; Vandalia, IL; Redmond, WA; Myakka, FL; Beekmantown, NY; Utica, KS

* **CISCO SYSTEMS 0756-EX-PL-2013 WG2XZG**

New experimental to operate on 5 GHz for testing radio equipment

Mobile: San Jose (Santa Clara), CA

* **DRS SUSTAINMENT SYSTEMS, INC. 0761-EX-PL-2013 WG2XZC**

New experimental to operate in 30 - 40, 50 - 60 and 75.40 - 85.00 MHz for testing short range radios

Mobile: Temporary Fixed Ground Operations, West Plains, MO

* **EXELIS INC 0655-EX-PL-2013 WG2XYW**

New experimental to operate on 1710 MHz for testing radios

Mobile: Fort Wayne (ALLEN), IN

* **EXELIS INC. 0621-EX-PL-2013 WG2XYU**

New experimental to operate in 13250 - 13400 MHz to test ground to air radar subsystem

Fixed: Van Nuys (Los Angeles), CA

* **EXPRESS MANUFACTURING INCORPORATED 0656-EX-PL-2013 WG2XYX**

New experimental to operate on 1575 MHz for testing radionavigation satellite service (RNSS) equipment and systems.

Fixed: Santa Ana (Orange), CA

* **KENNETH W. ROBERSON 0697-EX-PL-2013 WG2XXM**

New experimental to operate in 472-479 kHz to test antennas and transceivers

Fixed: Shawnee (Pottawatomie), OK

* **NANOSATISFI INC. 0532-EX-PL-2013 WG2XXW**

New experimental to operate in 400-403 MHz and 2.4 GHz for equipment testing

Mobile NONGEOSTATIONARY Space Orbit

* **OCEUS NETWORKS 0597-EX-PL-2013 WG2XYT**

New experimental to operate on 2.4 GHz for equipment testing

Mobile: Oceus Networks Plano lab

* **PARALLEL WIRELESS, INC. 0600-EX-PL-2013 WG2XZH**

New experimental to operate in various bands between 470.00 MHz and 5.725GHz for Equipment testing

Fixed: Nashua (Hillsborough), NH

* **RAYTHEON 0729-EX-PL-2013 WG2XYB**

New experimental to operate on 1227.60 MHz and 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems

Fixed: Sterling (Loudoun), VA

* **RAYTHEON COMPANY 0740-EX-PL-2013 WG2XYC**

New experimental to operate in 4430 - 4940 MHz to test DMR link and antenna beam pattern

Fixed: Sunnyvale (Santa Clara), CA

* **RAYTHEON IDS 0706-EX-PL-2013 WG2XXL**

New experimental to operate in 8.50 - 9.00, 9.20 - 9.384 and 9.436 - 10.00 GHz to perform testing on various low power radar systems

Fixed: Andover (Essex), MA

* **SENSOR AND ANTENNA SYSTEMS, LANSDALE, INC. 0714-EX-PL-2013 WG2XXX**

New experimental to operate in 30-31.3 GHz and 31.8-40 GHz to experiment with an engineering development system that integrates receive and transmit capabilities

Mobile: Lansdale, PA: Temporary Fixed Operations

* **TELEPHONICS CORP. 0698-EX-PL-2013 WG2XXY**

New experimental to operate in 34 - 36 GHz for testing radar products

Fixed: Farmingdale (Suffolk), NY

* **TRELLISWARE TECHNOLOGIES, INC. 0739-EX-PL-2013 WG2XYA**

New experimental to operate in 1775 - 1795 MHz for testing network equipment

Mobile: Tampa, FL

* **TRIDENT RESEARCH LLC 0674-EX-PL-2013 WG2XXU**

New experimental to operate in 1565.22 - 1585.62 MHz for testing stand-alone GPS receivers

Fixed: Austin (Travis), TX

* **UNIVERSITY OF MASSACHUSETTS - CASA RESEARCH CENTER 0691-EX-PL-2013 WG2XXI**

New experimental to operate in 9.20 - 9.60 GHz to test Collaborative Adaptive Sensing of the Atmosphere (CASA).

Mobile: Dallas - Fort Worth, TX

* **UNIVERSITY OF WISCONSIN-MADISON 0507-EX-PL-2013 WG2XXJ**

New experimental to operate in 9.5 - 10.5 GHz to develop a prototype for a new communication architecture

Mobile: Madison, WI, University of Wisconsin-Madison campus