

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. 399 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 1/1/07 to 2/1/07:

- **WD2XZT ROCKWELL COLLINS, INC. 0373-EX-PL-2006**
New experimental to operate on discrete frequencies between 2851-21985 kHz for testing of HF data link software of the HFS-900D transceiver.
Fixed: Melbourne (Brevard), FL
- **WE2XAC POKRASS, RICHARD 0465-EX-PL-2006**
New experimental to operate on 156.35 MHz, 156.475 MHz, 156.5 MHz, 156.9 MHz, 156.925 MHz, 156.95 MHz, 156.975 MHz and 157.025 MHz for communications between a mobile van and a ship performing maneuvers in order to monitor craft's hydrodynamics.
Mobile: Fort Monroe area of Virginia
- **WD2XYP ORBITAL SCIENCES CORPORATION 0233-EX-PL-2006**
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
Fixed: Chandler (Maricopa), AZ
- **WD2XZK ORBITAL SCIENCES CORPORATION 0250-EX-PL-2006**
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
Fixed: Chandler (Maricopa), AZ
- **WD2XZL ORBITAL SCIENCES CORPORATION 0252-EX-PL-2006**
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
Fixed: Chandler (Maricopa), AZ
- **WD2XZM ORBITAL SCIENCES CORPORATION 0253-EX-PL-2006**
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.
Fixed: Chandler (Maricopa), AZ
- **WD2XYV RAYTHEON CORPORTATION 0306-EX-PL-2006**
New experimental to operate on 1792.5 MHz for test and demonstrate of broadband equipment using adaptive antennas.
Mobile: Davenport (Scott), IA
- **WE2XAH TETHERS UNLIMITED, INC. 0580-EX-PL-2006**
New experimental to operate in 2401.2-2483.5 MHz of a Multi-Application Survivable Tether (MAST) Experiment using CubeSat platform.

Mobile: Low-Earth Orbit (LEO)

- **WE2XAE QUALCOMM INCORPORATED 0546-EX-PL-2006**
New experimental to operate in 2542-2554 MHz, 2596-2608 MHz and 2662-2674 MHz for test and demonstration of OFDM technology with FDD and TDD networks.
Mobile: San Diego (SAN DIEGO), CA
- **WD2XZS SOLECTEK CORPORATION 0361-EX-PL-2006**
New experimental to operate in 3400-3600 MHz for testing of WiMAX equipment designed for export markets.
Fixed: San Diego (San Diego), CA
- **WD2XZC 4-D SECURITY SOLUTIONS, INC. 0554-EX-PL-2006**
New experimental to operate in 5400-5700 MHz, 8750-8950 MHz and 10200-10550 MHz to test a radiolocation system designed to monitor trespassing.
Fixed: South Plainfield (Middlesex), NJ
- **WD2XYU UNIVERSITY OF PUERTO RICO AT MAYAGUEZ 0247-EX-PL-2006**
New experimental to operate in 9380-9440 MHz to use radar to study rain in lower atmosphere.
Fixed: Mayaguez, PR
- **WD2XWT AMPHITECH SYSTEMS INC. 0018-EX-PL-2006**
New experimental to operate in the 35 GHz band for demonstrations of radar.
Mobile: Various locations within the Continental United States, KA and HI.