

# PUBLIC NOTICE

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

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

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## Report No. 360                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 7/1/03 to 8/1/03:

- **WD2XDW LAURENCE JOHN HOWELL 0102-EX-PL-2003**  
New experimental to operate on 135.8975 kHz, 135.9225 kHz and 137.7725 kHz for propagation testing.  
Fixed: Anchorage, AK
- **WD2XEQ AMBIENT CORPORATION 0118-EX-PL-2003**  
New experimental to operate in 1.7-88 MHz for testing power line carrier systems.  
Fixed: States of NY and MA
- **WD2XEH LAKELAND COMMUNICATIONS 0125-EX-PL-2003**  
New experimental to operate in 88.1-107.9 MHz for development and testing of antennas.  
Fixed: Lenoir City (Loudon), TN
- **WD2XEU CAHILL INDUSTRIAL 0149-EX-PL-2003**  
New experimental to operate in several discrete frequencies between 122.7-464.2375 MHz for offshore gas platform radio communications testing.  
Mobile: Houma, LA
- **WD2XEN DECIBEL PRODUCTS, A DIVISION OF ALLEN TELECOM 0131-EX-PL-2003**  
New experimental to operate in 144-148, 150.8-152.855, 152.855-157.0375, 157.1875-162.0125, 173.2-173.4, 450-460, 470-512, 698-806, 806-902, 928-932, 935-941, 944-960, 1850-2025, 2110-2200, 2305-2310, 2450-2483.5 and 2500-2655 MHz for antenna testing at test ranges.  
Fixed: Dallas (Dallas), TX
- **WC2XXS ARC WIRELESS SOLUTIONS, INC. 0134-EX-PL-2002**  
New experimental to operate in 800-900, 1710-2200, 2305-2690, 2900-3000 MHz, 5.15-5.35, 5.725-5.875 GHz for antenna test range.  
Fixed: Wheat Ridge (Jefferson), CO
- **WD2XEI AIRCELL, INC. 0135-EX-PL-2003**  
New experimental to operate in 824.04-848.97 MHz and 869.04-893.97 MHz for demonstration and testing of technology.  
Mobile: Airborne within the continental U.S.
- **WD2XEL TRANSCORE ITS, INC. 0134-EX-PL-2003**  
New experimental to operate in 902-904, 909.75-921.75, and 2450-2483.5 MHz for test, development and demonstration of Location and Monitoring Service technology.  
Mobile: Continental United States, Alaska & Hawaii

- **WC2XRP LOCKHEED MARTIN CORPORATION 0147-EX-PL-2001**  
 New experimental to operate in 1252-1291, 1264-1286, 1335-1348, and 1353-1392 MHz for Radar testing for U.S. government contract.  
 Fixed: East Syracuse, NY; Syracuse, NY; Cazenovia, NY
- **WD2XCO HARRIS CORPORATION 0045-EX-PL-2003**  
 New experimental to operate in 1755-1850 MHz for testing for government contract.  
 Mobile: Palm Bay antenna test range and nearby bodies of water, incl. Indian River Lagoons within 10 KM, centered around NL 28-03-00; WL 80-06-00
- **WD2XEM ATHEROS COMMUNICATIONS, INC. 0107-EX-PL-2003**  
 New experimental to operate on 2400 MHz for development of wireless LAN equipment.  
 Mobile: Los Altos, Mountain View, Sunnyvale, Santa Clara, San Jose, and indoor demonstration locations in CA
- **WD2XDJ CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0090-EX-PL-2003**  
 New experimental to operate in 2418-2483.5 MHz for DSSS land mobile and airborne wireless network field testing.  
 Mobile: Rixey, VA and a radius of 200 km from Rixey, VA
- **WD2XCS GENERAL ATOMICS 0055-EX-PL-2003**  
 New experimental to operate in 15.2-18 GHz for testing synthetic aperture radar.  
 Mobile: San Diego, CA & Adelanto, CA
- **WD2XCU THE BOEING COMPANY 0062-EX-PL-2003**  
 New experimental to operate in 19.7-20.2 and 29.5-30 GHz for SPACEWAY GSO satellite pre-launch RF path and antenna testing.  
 Fixed: Littleton (Douglas), CO
- **WD2XER SIEMENS ICM 0146-EX-PL-2003**  
 New experimental to operate on 38.632 38.638 and 39.335 GHz in support of test and development of microwave systems.  
 Fixed: Boca Raton (Palm Beach), FL