

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WB9XNM

(Call Sign)

0307-EX-ST-2001

(File Number)

NAME Applied Research Associates, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Demonstration of ultrawideband (UWB) technology to interested parties.

Station Locations

- (1) MOBILE: 2004 Lewis Turner Blvd., Suite C, Fort Walton Beach, FL 32547, within 0.3 km, centered around NL 30-28-08; WL 86-36-35

Frequency Information

MOBILE: 2004 Lewis Turner Blvd., Suite C, Fort Walton Beach, FL 32547, within 0.3 km, centered around NL 30-28-08; WL 86-36-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1000-3000 MHz	MO	2G00P1D	52 uW (ERP)	
1000-3000 MHz	MO	2G00P0N	52 uW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective September 14, 2001 and
will expire 3:00 A.M. EST March 01, 2002

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (4) Licensee must shut down testing upon request by any representative of the Federal Aviation Administration.
- (5) Licensee must post the following advisory notice: "NOTICE: Federal Government employees viewing these demonstrations/evaluations be aware that any use of these type devices by Federal Government organizations requires, prior to use, an authorization for radiation of a radio frequency from the Department of Commerce's National Telecommunications & Information Administration. Information on this subject may be obtained by calling (202) 482-1850 or (202) 482-1132."