

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

EXPERIMENTAL

(Nature of Service)

WB9XPC

(Call Sign)

XD MO

(Class of Station)

0476-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 UWB (ultrawideband) technology to interested parties.

**Station Locations**

- (1) MOBILE: 962 W. John Sims Parkway, Niceville, FL 32578, within 0.3 km, centered around NL 30-31-02; WL 86-28-20

**Frequency Information**

MOBILE: 962 W. John Sims Parkway, Niceville, FL 32578, within 0.3 km, centered around NL 30-31-02; WL 86-28-20

| 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) Licensee must shut down testing upon request by a representative of the Federal Aviation Administration.
- (2) 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."

This authorization effective February 06, 2002 and  
will expire 3:00 A.M. EST July 05, 2002

**FEDERAL  
COMMUNICATIONS  
COMMISSION**

