

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

EXPERIMENTAL

(Nature of Service)

WA8XCU

(Call Sign)

XC FX

(Class of Station)

0685-EX-ST-2026

(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:

HEMP testing is being carried out in support of a contract with the Defense Threat Reduction Agency (DTRA)

Station Locations

(1) White Sands Missile Range (DONA ANA), NM - NL 32-20-45; WL 106-26-59

Frequency Information

White Sands Missile Range (DONA ANA), NM - NL 32-20-45; WL 106-26-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2170 MHz	FX	60M0F1E	50.1 W (ERP)	0.001 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Stop Buzzer Point of Contact is Steven Niederhaus.
Telephone: 210-721-2265
- (3) Experimental licensee must notify all incumbent Advanced Wireless Service licensees in the proposed area prior to accessing to the 2110-2170 MHz band.

This authorization effective September 01, 2026 and
will expire 3:00 A.M. EST January 29, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Prior to operation, experimental licensee must coordinate with the local EBS/ BRS licensees.