

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

EXPERIMENTAL

(Nature of Service)

WP9XSF

(Call Sign)

XT MO

(Class of Station)

2089-EX-ST-2019

(File Number)

NAME VAWD Applied Science and Technology

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:

To operate at a frequency of 500 to 750 MHz to measure the properties of different concrete slabs.

Station Locations

- (1) MOBILE: Test Site C79. Eglin AFB, FL, within 0.1 km, centered around NL 30-41-04; WL 86-19-43

Frequency Information

MOBILE: Test Site C79. Eglin AFB, FL, within 0.1 km, centered around NL 30-41-04; WL 86-19-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
500-750 MHz	MO	250MK0N	0.0313 mW (ERP)	1 %

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective December 17, 2019 and
will expire 3:00 A.M. EST December 19, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
- 700 MHz Lower Band "A" block licensees (698-704 MHz/728-734 MHz)
 - 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - 700 MHz Lower Band "D" block licensees (716-722 MHz)
 - 700 MHz Lower Band "E" block licensees (722-728 MHz)
- (4) VAWD Applied Science and Technology prior coordination with the local Society of Broadcast Engineers coordinator prior to operation to protect the Low Power Broadcast Auxiliary operations on 500-698 MHz.
- (5) Operation is not permitted using the frequency band 608-614 MHz.