

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

EXPERIMENTAL

(Nature of Service)

WQ9XDB

(Call Sign)

XT MO

(Class of Station)

0185-EX-ST-2020

(File Number)

NAME Systems & Technology Research

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:

We would like to take existing equipment and test in the Eglin AFB vicinity airspace for a series of Government sponsor requested demonstration events.

Station Locations

- (1) MOBILE: Defuniak Springs, FL: max altitude 10,000 ft. AGL, within 35 km, centered around NL 30-45-44; WL 86-08-15

Frequency Information

MOBILE: Defuniak Springs, FL: max altitude 10,000 ft. AGL, within 35 km, centered around NL 30-45-44; WL 86-08-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.1-9 GHz	MO	800MQ3N	631 mW (ERP)	
8.1-9 GHz	MO	800MQ3N	1.55 MW (ERP)	0.1 %
9.2-10.2 GHz	MO	800MQ3N	631 mW (ERP)	

This authorization effective April 01, 2020 and
will expire 3:00 A.M. EST October 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Operations on the Eglin Range have to be scheduled by the Eglin host organizations. Eglin host organization must provide a POC. Operations outside the Eglin Range complex must have a Stop Buzzer phone number. Forward host organization POC and Stop Buzzer information to: Brian Franklin, Gulf Area Frequency Coordinator, 850-882-5648 or 850-883-7535
- (5) Systems & Technology Research must provide a Stop Buzzer POC to Derrick Stephenson, derrick.stephenson1@navy.mil or 301-225-3845.
- (6) Systems & Technology Research should be aware that multiple location or operational use of the 8100-8500 MHz band may not be able to be supported due to extensive use by Exploration Satellite and Space Research operations.