

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WQ9XDU

(Call Sign)

0534-EX-ST-2020

(File Number)

NAME The MITRE Corporation

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:

The goal is to collect radar data to verify system operation.

Station Locations

(1) Key West (MONROE), FL - NL 24-34-04; WL 81-48-06

Frequency Information

Key West (MONROE), FL - NL 24-34-04; WL 81-48-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17410-17480 kHz	FX	70K0Q3N	424 W (ERP)	0.001 %
18030-18068 kHz	FX	30K0Q3N	424 W (ERP)	0.001 %
18168-18780 kHz	FX	100KQ3N	424 W (ERP)	0.001 %

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Key West (MONROE), FL - NL 24-34-04; WL 81-48-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
19020-19680 kHz	FX	100KQ3N	424 W (ERP)	0.001 %
19800-19990 kHz	FX	100KQ3N	424 W (ERP)	0.001 %
20010-21000 kHz	FX	100KQ3N 100KQ3N	424 W (ERP)	0.001 %
21850-21924 kHz	FX	100KQ3N	424 W (ERP)	0.001 %

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.
- (3) The MITRE Corporation must notch out the following:
 - a. (+/- 1.4 kHz) 20330 kHz, 20843 kHz, 20985 kHz
 - b. (+/- 2 kHz) 20247.5 kHz, 20882.5 kHz