

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

EXPERIMENTAL

(Nature of Service)

WQ9XAZ

(Call Sign)

XT FX

(Class of Station)

2432-EX-ST-2019

(File Number)

NAME Viasat, 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:

Tests will demonstrate that the antenna system meets the specified performance criteria.

Station Locations

(1) Duluth (GWINNETT), GA - NL 33-57-47; WL 84-05-48

Frequency Information

Duluth (GWINNETT), GA - NL 33-57-47; WL 84-05-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1761-1842 MHz	FX	1M00G7D	38 MW (ERP)	1.0E-7 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Prior to operation, licensee must successfully obtain consents from the Advance Wireless Service licensees

This authorization effective February 10, 2020 and
will expire 3:00 A.M. EST July 03, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Prior to testing, Viasat must provide specific test frequencies and schedule to (Jimmy Nguyen, 301-225-3729, jimmy.nguyen@us.af.mil) and HQ USSF (David Pooley, 719 554-6400, david.pooley@us.af.mil).
- (5) While transmitting, the antenna elevation is required to be set at 90 degrees to minimize the potential being radiated toward the horizon or any federal geosynchronous satellites.