

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

EXPERIMENTAL

(Nature of Service)

WQ9XLG

(Call Sign)

XT FX

(Class of Station)

1754-EX-ST-2020

(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:

Viasat would like to perform over the air testing of this antenna to provide performance data to their customer.

Station Locations

(1) Duluth (GWINNETT), GA - NL 33-57-46; WL 84-05-45

Frequency Information

Duluth (GWINNETT), GA - NL 33-57-46; WL 84-05-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2051.3-2052.7 MHz	FX	1M40G7D	86896 W (ERP)	1.0E-6 %

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 in the proposed frequency bands licensee must successfully coordinate with the local Society of Broadcast Engineers frequency coordinator.

This authorization effective April 20, 2021 and
will expire 3:00 A.M. EST October 08, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) POINT OF COMMUNICATION: Worldview-1 and Worldview-4 NGSO (non-geostationary orbit space stations) satellites.
- (5) Viasat, Inc. must notch out the following frequency band: 2084.9875-2086.3875 MHz.
- (6) Licensee is only authorized to conduct tests from of the 7.3-meter earth station to Worldview-1 and Worldview-4 satellites in the 2051.3-2052.7 MHz frequency band (Earth-to-Space) associated with emission designator (1M40G7D) and power less than 86896 W (ERP). The EIRP must be less than 51.5 dBW and the EIRP density must be less than 26.10 (dBW/4 kHz).
- (7) Prior to operations, ViaSat, Inc. is to provide AF (jimmy.nguyen@us.af.mil) with stop buzzer POC for operations.
- (8) The stop buzzer: Eric Rhoden at 706-799-2786.