

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

EXPERIMENTAL

(Nature of Service)

WS9XRF

(Call Sign)

XT FX

(Class of Station)

1469-EX-ST-2021

(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 (+/-)
6700-7075 MHz	FX	1H00N0N	120 MW (ERP)	1.0E-6 %

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 September 24, 2021 and
will expire 3:00 A.M. EST December 16, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Prior to commencing any operations in 7040-7075 MHz frequency band, experimental licensee must notify licensees of earth and space stations. The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test. Please notify the following licensees:

Call Sign: E040204

Frequency bands: 7040-7075 GHz

Licensee: XM Radio LLC

ATTN: James S Blitz

Phone: 202-380-1383 Fax: 202-380-4981 E-Mail: james.blitz@siriusxm.com

Site Contact: DONALD JEFFERSON (404) 381-2000

Call Sign: E080168

Frequency bands: 7040-7075 GHz

Licensee: XM Radio LLC

ATTN: James S Blitz

Phone: 202-380-1383 Fax: 202-380-4981 E-Mail: james.blitz@siriusxm.com

Site Contact: JEFF LAMASTUS 404-381-2637

Call Sign: S2786

Frequency bands: 7025-7075 GHz

XM-5 satellite (S2786) @ 85.15 degrees W.L. (U.S.-licensed) (DARS)

- (4) Licensee must successfully coordinate with the Fixed Microwave Service licensees in the proposed venue in accordance with 47 C.F.R, Part 101.103(d) prior to commencing the experimental operations.
- (5) Stop Buzzers, Derrick Echols Jr. at (678) 924-2642 and Mary Lynn Smith (678) 296-3172.