

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XTB

(Call Sign)

1567-EX-ST-2021

(File Number)

NAME Sat-Lite Technologies

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 CW signal will be received at a second location 15 km away to support performance testing of reflector type antennas.

Station Locations

(1) Gladewater (UPSHUR), TX - NL 32-36-51; WL 94-52-28

Frequency Information

Gladewater (UPSHUR), TX - NL 32-36-51; WL 94-52-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.25-8.4 GHz	FX	10H0N0N	300 mW (ERP)	0.0001 %
10.7-14.8 GHz	FX	10H0N0N	200 mW (ERP)	0.0001 %
17.3-21.2 GHz	FX	10H0N0N	170 mW (ERP)	0.0001 %

This authorization effective November 18, 2021 and
will expire 3:00 A.M. EST April 10, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Gladewater (UPSHUR), TX - NL 32-36-51; WL 94-52-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-31 GHz	FX	10H0N0N	85 mW (ERP)	0.0001 %

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) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Sat-Lite Technologies should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (3) Sat-Lite Technologies shall secure consents from the Upper Microwave Flexible Use Service licensees around the proposed venue prior to accessing to the frequency range from 27.5 GHz to 28.35 GHz.
- (4) Sat-Lite Technologies shall coordinate with the local Society of Broadcast Engineers frequency coordinator in the proposed area prior to operation in the requested frequency bands.
- (5) Sat-Lite Technologies shall 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 test operations.
- (6) Licensee shall ensure that the transmitting fixed station antenna(s) main beam gain tip down when possible and avoid pointing above the horizon to protect satellite stations.
- (7) No automatic renewal for this license.
- (8) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (9) This is for experimental purpose only and does not permit commercial service.