

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

EXPERIMENTAL

(Nature of Service)

WP9XPY

(Call Sign)

XT FX

(Class of Station)

0798-EX-ST-2020

(File Number)

NAME Space Exploration 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:

Prelaunch testing and launch support for the upcoming SAOCOM-1B launch.

Station Locations

(1) Hawthorne (LOS ANGELES), CA - NL 33-55-14; WL 118-19-41

Frequency Information

Hawthorne (LOS ANGELES), CA - NL 33-55-14; WL 118-19-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2076.9396 MHz	FX	625KG2D	88150 W (ERP)	0.00003 %

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (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.

This authorization effective July 07, 2020 and will expire 3:00 A.M. EST January 07, 2021

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Special Conditions:

- (3) As soon as possible, but no later than 20 business days prior to the planned launch, SpaceX shall provide, as a minimum, launch date/time/window and planned first- and second-stage trajectories, transmission frequencies with associated earth stations and duration/cut-off time to Jimmy Nguyen (jimmy.nguyen@us.af.mil, AFSMO), Scott Galbraith (vincent.s.galbraith@nasa.gov, NASA/GSFC), Johnnie Best, (johnnie.w.best1@navy.mil, NMSC) and Cathy Sham (catherine.c.sham@nasa.gov). In the event of last-minute changes, 48-hour notice is required.
- (4) All testing operations shall be limited to the pre-launch checkout testing and launch support of the SAOCOM-1B satellite. This STA will expire once the SAOCOM-1B satellite launch is completed or 7 Jan 2021, whichever comes first.
- (5) This grant does not authorize on-orbit operational support of the SAOCOM 1B or SAOCOM 1A satellites.
- (6) Prior to commencing operations, SpaceX is required to provide AF (jimmy.nguyen@us.af.mil and david.pooley@us.af.mil) with stop buzzer POC information.