

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

EXPERIMENTAL

(Nature of Service)

WA8XHJ

(Call Sign)

XT MO

(Class of Station)

1591-EX-ST-2026

(File Number)

NAME Space Exploration Technologies Corp. (SpaceX)

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:

Backup frequencies for stage 1 and stage 2 launch vehicle communications for the upcoming SpaceX FH RST mission.

Station Locations

- (1) MOBILE: Pad 39a KSC Launch vehicle 1st stage suborbital, centered around NL 28-36-30; WL 80-36-15
- (2) MOBILE: Cape Canaveral Launch vehicle stage 2 orbital, centered around NL 28-36-30; WL 80-36-15

Frequency Information

MOBILE: Pad 39a KSC Launch vehicle 1st stage suborbital, centered around NL 28-36-30; WL 80-36-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2224.5 MHz	MO	4M88G1D	11.8 W (ERP)	0.000225 %

This authorization effective August 24, 2026 and
will expire 3:00 A.M. ET February 25, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Cape Canaveral Launch vehicle stage 2 orbital, centered around NL 28-36-30; WL 80-36-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2240 MHz	MO	4M88G1D	9.6 W (ERP)	0.000225 %

Special Conditions:

- (1) Operation in the 2025-2110 MHz, 2200-2290, and 2360-2395 MHz frequency bands for each launch conducted pursuant to this [STA / license] is only permitted after successfully completing required pre-launch coordination through NTIA's Space Launch Frequency Coordination Portal; <https://slfcp.ntia.gov/>. Pre-launch coordination requests must be submitted to the portal at least 30 days prior to each anticipated launch date.