

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

EXPERIMENTAL

(Nature of Service)

WU9XCQ

(Call Sign)

XT MO

(Class of Station)

1162-EX-ST-2026

(File Number)

NAME Space Exploration Holdings, LLC

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:

Operation of satellite user terminals on an experimental basis- Operate Starlink earth stations on the Super Heavy booster and Starship spacecraft

Station Locations

(1) MOBILE: Test flight from Boca Chica, TX, centered around NL 26-00-00; WL 97-09-36

Frequency Information

MOBILE: Test flight from Boca Chica, TX, centered around NL 26-00-00; WL 97-09-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	60M0D7W	4027.2 W (ERP)	0.001 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Space Exploration Holdings, LLC. should be aware that other stations may be licensed on and nearby these frequencies and if any interference occurs, they will be subject to immediate shut down.

This authorization effective July 02, 2026 and
will expire 3:00 A.M. EST December 30, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Space Exploration Holdings, LLC. is authorized to conduct multiple tests using Starlink terminals on the Super Heavy booster (Stage 1) and/or the Starship spacecraft (Stage 2) vehicles during upcoming launches.
- (4) Operations in the 14-14.2 GHz band within radio line-of-sight of the coordinates specified in 47 CFR 25.228(j)(1) are not authorized under this STA unless successfully coordinating all proposed operations (on a per-launch basis) with the NASA GSFC Spectrum Management Office in order to eliminate harmful interference to NASA's Tracking and Data Relay Satellite System (TDRSS) ground terminals. Requests for coordination shall be provided to NASA-DL-GSFC-SPECTRUM-MANAGEMENT@MAIL.NASA.GOV at least 7 days prior to each launch. If coordination is not successfully achieved, Space Exploration Holdings, LLC. does not have authorization to transmit in the 14-14.2 GHz band within radio line-of-sight of TDRSS ground terminals.
- (5) Operations under this STA must conform to the co-polarization and cross-polarization EIRP masks provided by Space Exploration Holdings, LLC. in the Narrative Description.