

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

EXPERIMENTAL

(Nature of Service)

WA8XLZ

(Call Sign)

XT FX MO

(Class of Station)

1679-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:

Launch vehicle communications for Starship Flight 15 mission launching from Starbase, TX.

Station Locations

- (1) MOBILE: Starbase TX Orbital Pad; Starship, Boca Chica, TX, centered around NL 25-59-48; WL 97-09-18
- (2) MOBILE: Orbital Pad Booster Backup Frequencies Boca Chica, centered around NL 25-59-48; WL 97-09-18
- (3) Boca Chica (CAMERON), TX - NL 25-59-48; WL 97-09-12
- (4) Boca Chica (CAMERON), TX - NL 25-59-46; WL 97-09-17
- (5) Boca Chica (CAMERON), TX - NL 25-59-46; WL 97-09-17
- (6) Boca Chica (CAMERON), TX - NL 25-59-47; WL 97-09-17
- (7) Boca Chica (CAMERON), TX - NL 26-04-59; WL 97-09-38
- (8) Boca Chica (CAMERON), TX - NL 25-59-20; WL 97-11-02
- (9) Boca Chica (CAMERON), TX - NL 26-04-59; WL 97-09-38
- (10) Boca Chica (CAMERON), TX - NL 26-59-20; WL 97-11-03
- (11) MOBILE: Orbital Pad, LV Booster, Boca Chica TX, within 806 km, centered around NL 25-59-48; WL 97-09-18

This authorization effective September 28, 2026 and
will expire 3:00 A.M. ET March 29, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Starbase TX Orbital Pad; Starship, Boca Chica, TX, centered around NL 25-59-48; WL 97-09-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2290 MHz	MO	4M88G1D	25 W (ERP)	0.000225 %
2200-2290 MHz	MO	4M88G1D	25 W (ERP)	0.000225 %

MOBILE: Orbital Pad Booster Backup Frequencies Boca Chica, centered around NL 25-59-48; WL 97-09-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2290 MHz	MO	4M88G1D	25 W (ERP)	0.000225 %
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2200-2290 MHz	MO	4M88G1D	25 W (ERP)	0.000225 %

Boca Chica (CAMERON), TX - NL 25-59-48; WL 97-09-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2056 MHz	FX	4M05G1D	3 W (ERP)	0.00025 %

Frequency Information

Boca Chica (CAMERON), TX - NL 25-59-48; WL 97-09-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2062 MHz	FX	4M05G1D	3 W (ERP)	0.00025 %

Boca Chica (CAMERON), TX - NL 25-59-46; WL 97-09-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2056 MHz	FX	4M05G1D	3 W (ERP)	0.00025 %
2062 MHz	FX	4M05G1D	3 W (ERP)	0.00025 %

Boca Chica (CAMERON), TX - NL 25-59-46; WL 97-09-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2056 MHz	FX	4M05G1D	3 W (ERP)	0.00025 %
2062 MHz	FX	4M05G1D	3 W (ERP)	0.00025 %

Boca Chica (CAMERON), TX - NL 25-59-47; WL 97-09-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2056 MHz	FX	4M05G1D	3 W (ERP)	0.00025 %

Frequency Information

Boca Chica (CAMERON), TX - NL 25-59-47; WL 97-09-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2062 MHz	FX	4M05G1D	3 W (ERP)	0.00025 %

Boca Chica (CAMERON), TX - NL 26-04-59; WL 97-09-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2056 MHz	FX	4M05G1D	1 kW (ERP)	0.000225 %
2062 MHz	FX	4M05G1D	1 kW (ERP)	0.000225 %

Boca Chica (CAMERON), TX - NL 25-59-20; WL 97-11-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2056 MHz	FX	4M05G1D	1 kW (ERP)	0.000225 %
2062 MHz	FX	4M05G1D	1 kW (ERP)	0.000225 %

Boca Chica (CAMERON), TX - NL 26-04-59; WL 97-09-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2056 MHz	FX	4M05G1D	1 kW (ERP)	0.000225 %

Frequency Information

Boca Chica (CAMERON), TX - NL 26-04-59; WL 97-09-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2062 MHz	FX	4M05G1D	1 kW (ERP)	0.000225 %

Boca Chica (CAMERON), TX - NL 26-59-20; WL 97-11-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2056 MHz	FX	4M05G1D	1 kW (ERP)	0.000225 %
2062 MHz	FX	4M05G1D	1 kW (ERP)	0.000225 %

MOBILE: Orbital Pad, LV Booster, Boca Chica TX, within 806 km, centered around NL 25-59-48; WL 97-09-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2364.5 MHz	MO	4M88G1D	25 W (ERP)	0.000225 %
2370.5 MHz	MO	4M88G1D	25 W (ERP)	0.000225 %
2376.5 MHz	MO	4M88G1D	25 W (ERP)	0.000225 %
2382.5 MHz	MO	4M88G1D	25 W (ERP)	0.000225 %

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) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (4) Stop Buzzer POC: Operations Support Coordinator (OSC) Phone: (956-604-1037)
- (5) 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.