

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL
(Nature of Service)

XT FX MO
(Class of Station)

WJ2XYJ
(Call Sign)

0003-EX-CM-2021
(File Number)

NAME Space Exploration Technologies

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d, e & j) of the Commission's Rules

Station Locations

- (1) MOBILE: Boca Chica TX Launch Site. Max altitude 49,200 ft. AGL, within 2 km, centered around NL 25-59-50; WL 97-09-25
- (2) Boca Chica (CAMERON), TX - NL 25-59-27; WL 97-10-55
- (3) Boca Chica (CAMERON), TX - NL 25-59-52; WL 97-09-26
- (4) Boca Chica (CAMERON), TX - NL 25-59-27; WL 97-10-56

Frequency Information

MOBILE: Boca Chica TX Launch Site. Max altitude 49,200 ft. AGL, within 2 km, centered around NL 25-59-50; WL 97-09-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2209 MHz	MO	4M84F1D 4M88G1D 5M00G1D	23.2 W (ERP)	0.000225 %
2211 MHz	MO	4M84F1D 4M88G1D 5M00G1D	23.2 W (ERP)	0.000225 %

This authorization effective July 19, 2021 and will expire 3:00 A.M. EST January 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Boca Chica TX Launch Site. Max altitude 49,200 ft. AGL, within 2 km, centered around NL 25-59-50; WL 97-09-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2232.5 MHz	MO	4M84F1D 4M88G1D 5M00G1D	23.2 W (ERP)	0.000225 %
2247.5 MHz	MO	4M84F1D 4M88G1D 5M00G1D	23.2 W (ERP)	0.000225 %
2255.5 MHz	MO	4M84F1D 4M88G1D 5M00G1D	23.2 W (ERP)	0.000225 %
2272.5 MHz	MO	4M84F1D 4M88G1D 5M00G1D	23.2 W (ERP)	0.000225 %

Boca Chica (CAMERON), TX - NL 25-59-27; WL 97-10-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2090 MHz	FX	800KG1D	768 kW (ERP)	0.0002255 %
2093 MHz	FX	800KG1D	768 kW (ERP)	0.0002255 %

Frequency Information

Boca Chica (CAMERON), TX - NL 25-59-52; WL 97-09-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2090 MHz	FX	800KG1D	3 W (ERP)	0.0002255 %
2093 MHz	FX	800KG1D	3 W (ERP)	0.0002255 %

Boca Chica (CAMERON), TX - NL 25-59-27; WL 97-10-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2090 MHz	FX	800KG1D	1.5 MW (ERP)	0.0002255 %
2093 MHz	FX	800KG1D	1.5 MW (ERP)	0.0002255 %

Special Conditions:

- (1) 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.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.