

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

EXPERIMENTAL

(Nature of Service)

WJ2XSU

(Call Sign)

XT FX

(Class of Station)

0172-EX-CM-2021

(File Number)

NAME Near Space Launch Inc.

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(j) of the Commission's Rules

Station Locations

(1) Upland (GRANT), IN - NL 40-25-53; WL 85-30-30

Frequency Information

Upland (GRANT), IN - NL 40-25-53; WL 85-30-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2456-2478 MHz	FX	22M0F1D	24.4 W (ERP)	0.0005 %

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) 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.

This authorization effective March 16, 2022 and
will expire 3:00 A.M. EST October 01, 2022

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COMMUNICATIONS
COMMISSION**



Special Conditions:

(3) Points of Communication:

Near Space Launch Inc.'s TagSat-2 satellite (Call Sign WL2XQC, file no. 0124-EX-CN-2021),

Massachusetts Institute of Technology: STAR Lab, Beavercube's Beavercube satellite (Call Sign WR9XCG, file no. 2280-EX-ST-2019),

Near Space Launch Inc.'s GEARRS-3 satellite (Call Sign WK2XIO file no. 0312-EX-CN-2019),

Near Space Launch Inc.'s TagSat-1 CubeSat (Call Sign WL2XHP file nos. 0657-EX-CN-2020),

California State Polytechnic University, Pomona's BroncoSat-1 CubeSat (Call Sign: WL2XGZ file nos. 0746-EX-CN-2020 and 0861-EX-CN-2020),

Near Space Launch Inc.'s WVSAT A, B, C, D satellite (Call Sign: WM2XBE file no. 0553-EX-CN-2021)

- (4) Licensee is authorized to conduct tests on one 1.5m NSL TC25A antenna in the 2456-2478 MHz frequency band to provide basic telecommands to experimental satellites listed in the Point of communication.