

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

EXPERIMENTAL

(Nature of Service)

WA8XEJ

(Call Sign)

XT FX MO

(Class of Station)

1276-EX-ST-2026

(File Number)

NAME Anduril Industries, Inc.

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:

This operation is intended to test a jet powered UAS, intended for United States defense purposes, through initial stages of testing and evaluate radio systems for use in novel

Station Locations

- (1) Brewster Ranch (BREWSTER), TX - NL 29-53-36; WL 103-03-07
- (2) MOBILE: Mobile Ground; More in Narrative; Brewster, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07
- (3) MOBILE: Mob Air up to 50k ft; More in Narrative, Brewster Ranch, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07
- (4) MOBILE: Mobile Air up to 50k ft; More in Narrative, Brewster Ranch, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07
- (5) MOBILE: Mobile Air up to 50k ft; More in Narrative, Brewster Ranch, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07

Frequency Information

Brewster Ranch (BREWSTER), TX - NL 29-53-36; WL 103-03-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
425-435 MHz	FX	400KF2D 400KF1D	305 kW (ERP)	0.0005 %

This authorization effective July 24, 2026 and
will expire 3:00 A.M. ET January 09, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Mobile Ground; More in Narrative; Brewster, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2248 MHz	MO	20M0D7W	3.05 kW (ERP)	0.0002 %
2420-2450 MHz	MO	20M0D7W 20M0D7W	3.05 kW (ERP)	0.0011 %

MOBILE: Mob Air up to 50k ft; More in Narrative, Brewster Ranch, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2221.3-2255.6 MHz	MO	20M0D7W	25 W (ERP)	0.00002 %

MOBILE: Mobile Air up to 50k ft; More in Narrative, Brewster Ranch, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-434 MHz	MO	500KF1D	10 W (ERP)	0.0001 %
902-928 MHz	MO	500KF1D	10 W (ERP)	0.0001 %
1785-1850 MHz	MO	500KF1D	10 W (ERP)	0.0001 %
2280 MHz	MO	500KF1D	10 W (ERP)	0.0001 %

Frequency Information

MOBILE: Mobile Air up to 50k ft; More in Narrative, Brewster Ranch, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2395-2450 MHz	MO	500KF1D	10 W (ERP)	0.0001 %
5725-5850 MHz	MO	500KF1D	10 W (ERP)	0.0001 %

MOBILE: Mobile Air up to 50k ft; More in Narrative, Brewster Ranch, TX, within 30 km, centered around NL 29-53-36; WL 103-03-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1780-1850 MHz	MO	4M50D7W	7 W (ERP)	0.00002 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) Directed energy / jamming / electronic attack / spoofing / emulating operations are not authorized and must be submitted under an EA application with NTIA.
- (6) Prior to commencing any operations in 902-928 MHz band, the experimental licensee must obtain consent from Location & Monitoring Service licensees within 316 miles of the contours of the testing area.
- (7) Operations within part 90 bands must comply with all applicable rules under part 90, including but not limited to, the requirements for protecting centralized trunked incumbents as specified in section 90.187.

Special Conditions:

- (8) Anduril Industries, Inc. 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.
- (9) Mobile Ground operations are limited to 2220 - 2248 MHz and 2420 - 2450 MHz to protect ongoing federal operations.
- (10) Mobile Airborne operations are limited to 2221.3 - 2255.6 MHz to protect ongoing federal operations.
- (11) All transmissions must be restricted to line of sight operations only, and station(s) must use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (12) All ground-based transmissions may use an Effective Radiated Power (ERP) of up to 3.05 kW but must be fully contained within the 2220-2248 and/or 2420-2450 MHz ranges.
- (13) All airborne transmissions that utilize an emission bandwidth larger than 500 kHz must be strictly limited to the 2221.3-2255.6 MHz range.
- (14) Anduril Industries, Inc. must notify the NRAO VLBA PoC prior to operation via e-mail at Vlba-freqcoord@nrao.edu.
- (15) Stop Buzzer is James Miller
Telephone: (949) 827-4993
Email: spectrum@anduril.com