

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

EXPERIMENTAL

(Nature of Service)

WR9XGF

(Call Sign)

XT MO

(Class of Station)

1670-EX-ST-2020

(File Number)

NAME Anduril Industries

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:

The purpose of the operation is to test a fixed wing Group 2 UAS in Class G airspace, with the STA encompassing the frequencies needed to support flight termination radios.

Station Locations

- (1) MOBILE: Capistrano Test Site, Orange County, CA, within 3.5 km, centered around NL 33-27-37; WL 117-33-37

Frequency Information

MOBILE: Capistrano Test Site, Orange County, CA, within 3.5 km, centered around NL 33-27-37; WL 117-33-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	MO	8K20F1D	1.3 W (ERP)	10 %

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) 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.

This authorization effective December 01, 2020 and
will expire 3:00 A.M. EST May 31, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
Paging Service licensees in 454 MHz/459 MHz
General Aviation Air-Ground Service in 454 MHz/459 MHz
- (4) Anduril Industries shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in the frequency range from 450 MHz to 456 MHz.
- (5) Anduril Industries must notch out 467.2125 MHz (+/- 6 kHz) in order to protect ongoing federal operations.