

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

EXPERIMENTAL

(Nature of Service)

WQ9XAT

(Call Sign)

XT MO

(Class of Station)

0257-EX-ST-2020

(File Number)

NAME Wildflower International

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:

Demonstration of UAS technology in an aerial exercise.

Station Locations

- (1) MOBILE: White Sands NM Airborne max altitude 15000 ft AGL, within 60 km, centered around NL 32-59-30; WL 106-24-44

Frequency Information

MOBILE: White Sands NM Airborne max altitude 15000 ft AGL, within 60 km, centered around NL 32-59-30; WL 106-24-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2250 MHz	MO	20M0D7W	32 W (ERP)	0.002 %
2410 MHz	MO	20M0D7W	32 W (ERP)	0.002 %
2430 MHz	MO	20M0D7W	32 W (ERP)	0.002 %

This authorization effective March 16, 2020 and
will expire 3:00 A.M. EST July 23, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Wildflower International must coordinate with the Naval Surface Warfare Center, Dahlgren Division (NSWCDD), group email box; W_DLGR_NSWC_FTMA_FM@navy.mil 60-days prior to the flight test.
- (2) NTIA concurs with operations on the requested frequencies of 2250 MHz, 2410 MHz, and 2430 MHz as long as the UAS remains in restricted airspace. In order to gain concurrence for any additional operations FAA certification and/or pre-coordination requirements must be met. FAA POC is Mr. Rodney Murphy, Rodney.murphy@faa.gov.
- (3) Wildflower International must schedule operations as a WSMR Range Mission, through the MEUAS IV Range Sponsor or Test Director. Final authority to radiate is contingent upon successful scheduling, and de-confliction, of both Spectrum, and Airspace, with other regional operations.
- (4) Wildflower International shall provide notification to the NASA GSFC Spectrum Office at NASA-DL-GSFC-SPECTRUM-MANAGEMENT@MAIL.NASA.GOV, at least 3 days prior to operation.