

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

EXPERIMENTAL

(Nature of Service)

WR9XML

(Call Sign)

XC FX MO

(Class of Station)

1869-EX-ST-2020

(File Number)

NAME Kratos Defense and Security Solutions 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:

Flight experiment uses common S-Band, C-Band frequencies for Command Control (C2) operations.

Station Locations

- (1) Tyndall Field AFB, FL - NL 30-01-47; WL 85-32-29; MOBILE: Tyndall Field 2580 Hwy98. Tyndall AFB, FL 32403, within 111 km, centered around NL 30-01-47; WL 85-32-29
- (2) MOBILE: Tyndall Field 2580 Hwy98. Tyndall AFB, FL 32403.
UAS Airborne Application, within 111 km, centered around NL 30-01-47; WL 85-32-29

Frequency Information

Tyndall Field AFB, FL - NL 30-01-47; WL 85-32-29; MOBILE: Tyndall Field 2580 Hwy98. Tyndall AFB, FL 32403, within 111 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2265.5 MHz	MO	466KG1D	134.9 W (ERP)	0.01 %
2267.5 MHz	MO	466KG1D	134.9 W (ERP)	0.01 %

This authorization effective January 21, 2021 and
will expire 3:00 A.M. EST March 31, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tyndall Field AFB, FL - NL 30-01-47; WL 85-32-29; MOBILE: Tyndall Field 2580 Hwy98. Tyndall AFB, FL 32403, within 111 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2269.5 MHz	MO	466KG1D	134.9 W (ERP)	0.01 %
2271.5 MHz	MO	466KG1D	134.9 W (ERP)	0.01 %
2283.5 MHz	MO	466KG1D	134.9 W (ERP)	0.01 %
2285.5 MHz	MO	466KG1D	134.9 W (ERP)	0.01 %
2287.5 MHz	MO	466KG1D	134.9 W (ERP)	0.01 %
2289.5 MHz	MO	466KG1D	134.9 W (ERP)	0.01 %

MOBILE: Tyndall Field 2580 Hwy98. Tyndall AFB, FL 32403.

UAS Airborne Application, within 111 km, centered around NL 30-01-47; WL 85-32-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4420 MHz	MO	466KG1D	1.5 W (ERP)	0.01 %
4422 MHz	MO	466KG1D	1.5 W (ERP)	0.01 %
4424 MHz	MO	466KG1D	1.5 W (ERP)	0.01 %

Frequency Information

MOBILE: Tyndall Field 2580 Hwy98. Tyndall AFB, FL 32403.

UAS Airborne Application, within 111 km, centered around NL 30-01-47; WL 85-32-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4426 MHz	MO	466KG1D	1.5 W (ERP)	0.01 %
4428 MHz	MO	466KG1D	1.5 W (ERP)	0.01 %
4430 MHz	MO	466KG1D	1.5 W (ERP)	0.01 %
4800 MHz	MO	466KG1D	1.5 W (ERP)	0.01 %
4810 MHz	MO	466KG1D	1.5 W (ERP)	0.01 %

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) All mobile operations in the 2200-2290 MHz frequency band shall be limited to line-of-sight operations only.
- (4) Experimental stations shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA2487-19-F-5304. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Taylor Roche at (916) 751-2874.