

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

EXPERIMENTAL

(Nature of Service)

WR9XVO

(Call Sign)

XT FX MO

(Class of Station)

0479-EX-ST-2021

(File Number)

NAME CNC TECHNOLOGIES

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:

To provide temporary testing of helicopter downlink transmissions - at low power on a short-term basis

Station Locations

- (1) Decatur (WISE), TX - NL 33-15-13; WL 97-34-58; MOBILE: helicopter flights will be no more than a 1000 feet altitude., within 26 km, centered around NL 33-15-13; WL 97-34-58

Frequency Information

Decatur (WISE), TX - NL 33-15-13; WL 97-34-58; MOBILE: helicopter flights will be no more than a 1000 feet altitude., within

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2194 MHz	FX	8M00D7F	10 W (ERP)	0.001 %

Special Conditions:

- (1) Licensee should be aware that the other stations may be authorized on these frequencies and if any harmful interference occurs, the licensee of this authorization will be subject to immediately shut down.

This authorization effective April 16, 2021 and
will expire 3:00 A.M. EST October 13, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Licensee must successfully secure consents from the Advanced Wireless Service licensees in the proposed area prior to accessing to 2194 MHz and 2202 MHz.
- (3) CNC Technologies must notch out the following:
 - a. 2200 - 2290 MHz band
- (4) Prior to commencing any operations in the 2010-2020 MHz and 2190-2200 MHz frequency bands, experimental licensee must notify licensee of DBSD Services Limited. (Call sign E070272, POC/Satellite: S2651. Name: Ms. Allison Minea, Phone Number: 202-293-1216, E-Mail: alison.minea@dish.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (5) Stop Buzzer POC is Richard Hibbeler.
rhibbele@comsearch.com
Phone: 703-798-5221
- (6) ERP is limited to 10 W.