

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

EXPERIMENTAL

(Nature of Service)

WR9XCI

(Call Sign)

XT MO

(Class of Station)

1500-EX-ST-2020

(File Number)

NAME Comtech Systems, 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:

Comtech seeks experimental Special Temporary Authority for testing and development of a Next Generation Troposcatter system.

Station Locations

- (1) MOBILE: w/i 241 km of centerpoint coords, Orlando, FL, within 241 km, centered around NL 28-26-57; WL 81-23-01

Frequency Information

MOBILE: w/i 241 km of centerpoint coords, Orlando, FL, within 241 km, centered around NL 28-26-57; WL 81-23-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7200 MHz	MO	14M0G1D	20 MW (ERP)	0.001 %
7300 MHz	MO	14M0G1D	20 MW (ERP)	0.001 %
7600 MHz	MO	14M0G1D	20 MW (ERP)	0.001 %

This authorization effective October 29, 2020 and
will expire 3:00 A.M. EST April 28, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: w/i 241 km of centerpoint coords, Orlando, FL, within 241 km, centered around NL 28-26-57; WL 81-23-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7700 MHz	MO	14M0G1D	20 MW (ERP)	0.001 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The stop buzzer contact for this project is Paul Kelly at Comtech, mobile: (321) 948-4315, e-mail: paul.kelly@comtechsystems.com the US Marine Corps. pursuant to Contract Number M67854-19-R-2000
- (5) Comtech Systems, Inc. must schedule and provide notification with EAFC by phone at 321-853-8426 or email 45sw.dodeafc@us.af.mil prior to testing of experimental use in the requested bands.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Marine Corps., Contract Number M67854-19-R-2000. 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.