

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

EXPERIMENTAL

(Nature of Service)

WR9XUF

(Call Sign)

XT MO

(Class of Station)

0437-EX-ST-2021

(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:

STA required to conduct testing and demonstrations of a Comtech transponder at Naval Base San Diego for USN PMW-170 maritime tropospheric scatter experimentation.

Station Locations

(1) MOBILE: San Diego, CA, within 140 km, centered around NL 32-44-56; WL 117-11-47

Frequency Information

MOBILE: San Diego, CA, within 140 km, centered around NL 32-44-56; WL 117-11-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.43 GHz	MO	24M0D2D	10 W (ERP)	0.001 %
4.93 GHz	MO	24M0D2D	10 W (ERP)	0.001 %

Special Conditions:

(1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective May 10, 2021 and
will expire 3:00 A.M. EST October 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Comtech Systems, Inc. may not operate on 4.53 or 4.8 GHz due to interference with ongoing federal operations.
- (3) Contact March ARB ISM 96 hours prior to operations and provide stop buzzer. POC Mr. Raul Ramirez (951) 655-2994 raul.ramirez@us.af.mil and Mr. Gary White (951) 655-7335 gary.white.19@us.af.mil.
- (4) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Comtech Systems, Inc. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.