

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

EXPERIMENTAL

(Nature of Service)

WQ9XBD

(Call Sign)

XT MO

(Class of Station)

0293-EX-ST-2020

(File Number)

NAME L3HARRIS TECHNOLOGIES, 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:

Testing performance of L3Harris transponder and RF-7800-W-OU47X/OU50X (military designation - J/F 12: 9357) at Yuma Proving Grounds.

Station Locations

- (1) MOBILE: Yuma, AZ. w/i 80 km of centerpoint coords, oper. at 18000 ft, within 80 km, centered around NL 32-47-32; WL 114-28-51

Frequency Information

MOBILE: Yuma, AZ. w/i 80 km of centerpoint coords, oper. at 18000 ft, within 80 km, centered around NL 32-47-32; WL 114-28-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.6-4.7 GHz	MO	20M0W7D	5 W (ERP)	0.00025 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Stop buzzer is Rick Rector, at cell: 585-752-6280

This authorization effective March 02, 2020 and
will expire 3:00 A.M. EST April 02, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) L3-Harris Technologies, Inc. must coordinate/schedule use of this STA through their YPG Test Officer in the Temporary Radio Frequency Assignment (TRFA) system with the YPG SMO (Steven Sparks 928-328-7144) and the Range Test Scheduling Service (RTSS) for final local approval NLT 14 days prior to the start of operations.
- (5) L3-Harris Technologies, Inc. must coordinate with the following at least 5 days prior to operations:
 - a. Navy and Marine Corps Spectrum Management Office management Office North West(NMCSO NW) at russell.potter@navy.mil, (360) 396-7075.
 - b. Marine Corps Installations West (MCIWEST), Mr. Carl D. Tilander, Regional Spectrum Manager COMM, (760) 725-2808, DSN 361-2808.
 - c. DOD Western Area Frequency Coordinator, Jamie Heaton, CIV, Comm: 760-939-6832, DSN: 437-68325.