

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WK9XIF

(Call Sign)

1312-EX-ST-2016

(File Number)

NAME L-3 Communications

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:

Verify proper operation of equipment designed fro military applications.

Station Locations

- (1) Yuma (YUMA), AZ - NL 32-39-16; WL 114-35-16
- (2) Yuma (YUMA), AZ - NL 32-37-10; WL 114-12-40
- (3) Yuma (YUMA), AZ - NL 32-42-18; WL 114-26-05
- (4) MOBILE: Yuma, AZ, within 9.5 km, centered around NL 32-42-16; WL 114-24-14
- (5) Yuma (YUMA), AZ - NL 32-37-10; WL 114-12-40
- (6) Yuma (YUMA), AZ - NL 32-37-10; WL 114-12-40

Frequency Information

Yuma (YUMA), AZ - NL 32-39-16; WL 114-35-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902.2464-927.8208 MHz	FX	210KF1D 220KF1D	0.9 W (ERP)	0.00015 %
71-76 GHz	FX	1M52G1D	13555.7 W (ERP)	0.001 %

This authorization effective September 17, 2016 and
will expire 3:00 A.M. EST March 18, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Yuma (YUMA), AZ - NL 32-39-16; WL 114-35-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-76 GHz	FX	15M2G1D 75M9G1D 760MG1D	13555.7 W (ERP)	0.001 %
81-86 GHz	FX	1M52G1D 15M2G1D 75M9G1D 760MG1D	19593.9 W (ERP)	0.001 %

Yuma (YUMA), AZ - NL 32-37-10; WL 114-12-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902.2464-927.8208 MHz	FX	210KF1D 220KF1D	0.9 W (ERP)	0.00015 %
71-76 GHz	FX	1M52G1D 15M2G1D 75M9G1D 760MG1D	13555.7 W (ERP)	0.001 %
81-86 GHz	FX	1M52G1D 15M2G1D 75M9G1D 760MG1D	19593.9 W (ERP)	0.001 %

Frequency Information

Yuma (YUMA), AZ - NL 32-42-18; WL 114-26-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902.2464-927.8208 MHz	FX	210KF1D 220KF1D	0.9 W (ERP)	0.00015 %
2200-2290 MHz	FX	2M28G1D 4M55G1D 9M10G1D	0.4 W (ERP)	0.0001 %
71-76 GHz	FX	1M52G1D 15M2G1D 75M9G1D 760MG1D	13555.7 W (ERP)	0.001 %
81-86 GHz	FX	1M52G1D 15M2G1D 75M9G1D 760MG1D	19593.9 W (ERP)	0.001 %

MOBILE: Yuma, AZ, within 9.5 km, centered around NL 32-42-16; WL 114-24-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902.2464-927.8208 MHz	FX	210KF1D 220KF1D	0.9 W (ERP)	0.00015 %
4400-4940 MHz	MO	2M28G1D 4M55G1D	1.9 W (ERP)	0.0001 %

Frequency Information

MOBILE: Yuma, AZ, within 9.5 km, centered around NL 32-42-16; WL 114-24-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	9M10G1D	1.9 W (ERP)	0.0001 %
71-76 GHz	FX	1M52G1D 15M2G1D 75M9G1D 760MG1D	13555.7 W (ERP)	0.001 %
81-86 GHz	FX	1M52G1D 15M2G1D 75M9G1D 760MG1D	19593.9 W (ERP)	0.001 %

Yuma (YUMA), AZ - NL 32-37-10; WL 114-12-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2427-2447 MHz	FX	20M0D7W	0.3 W (ERP)	0.0005 %

Yuma (YUMA), AZ - NL 32-37-10; WL 114-12-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5745-5830 MHz	FX	20M0D7W	0.3 W (ERP)	0.0005 %

Special Conditions:

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

Special Conditions:

- (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) Operation is subject to notification of the Location & Monitoring Service licensees (902-928 MHz) within 50 miles of the test area.
- (4) Prior to the start of operations, L-3 Communications must schedule and coordinate the use of the 2200 - 2290 MHz, 4400 - 4900 MHz and the 5745 - 5830 MHz bands with the DOD Area Frequency Coordinator Arizona to prevent HIA to Navy/Marine Corps assignments:
Mr. Mark Rossow
DOD Area Frequency Coordinator Arizona
Phone 520-538-6423, DSN: 879-6423
FAX: (520) 538-8525
Email: mark.k.rossow.civ@mail.mil
ASMO Website: <https://www.us.army.mil/suite/page/675123>
- (5) Prior to the start of operations, L-3 Communications must coordinate with the following personnel to prevent interference with Army operations in the area:

MAWTS-1 MSgt Sackey
Phone: 928-269-3357
YPG SMO Steve Sparks
Phone: 928-328-7144
USMC Yuma Range Control (Leg Iron)
Phone: 928-269-2214/2215.
- (6) Due to ongoing and scheduled test and training events use of frequencies within this STA are not assured for any time period.
- (7) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (8) Prior to operation, the licensee of this authorization must successfully coordinate with the existing and future 71-76 GHz and 81-86 GHz users.