

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

EXPERIMENTAL

(Nature of Service)

WI9XVR

(Call Sign)

XT FX MO

(Class of Station)

0836-EX-ST-2015

(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 for military applications.

Station Locations

- (1) Huntsville (MADISON), AL - NL 34-40-42; WL 86-40-58
- (2) Huntsville (MADISON), AL - NL 34-39-53; WL 86-41-31
- (3) MOBILE: Huntsville, AL, within 6 km, centered around NL 34-36-11; WL 86-39-51
- (4) Huntsville (MADISON), AL - NL 34-40-42; WL 86-40-58; MOBILE: Huntsville, AL, within 0.5 km

Frequency Information

Huntsville (MADISON), AL - NL 34-40-42; WL 86-40-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902.2464-927.8208 MHz	FX	210KF1D 220KF1D	0.9 W (ERP)	0.00015 %
2620-2690 MHz	FX	9M26D1D	0.6 W (ERP)	0.000026 %

This authorization effective August 25, 2015 and
will expire 3:00 A.M. EST February 18, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Huntsville (MADISON), AL - NL 34-40-42; WL 86-40-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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 %

Huntsville (MADISON), AL - NL 34-39-53; WL 86-41-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902.2464-927.8208 MHz	FX	210KF1D 220KF1D	0.9 W (ERP)	0.00015 %
2620-2690 MHz	FX	9M26D1D	0.6 W (ERP)	0.000026 %
71-76 GHz	FX	1M52G1D 15M2G1D 75M9G1D 760MG1D	13555.7 W (ERP)	0.001 %
81-86 GHz	FX	1M52G1D 15M2G1D 75M9G1D	19593.9 W (ERP)	0.001 %

Frequency Information

Huntsville (MADISON), AL - NL 34-39-53; WL 86-41-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81-86 GHz	FX	760MG1D	19593.9 W (ERP)	0.001 %

MOBILE: Huntsville, AL, within 6 km, centered around NL 34-36-11; WL 86-39-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902.2464-927.8208 MHz	MO	210KF1D 220KF1D	0.9 W (ERP)	0.00015 %
2620-2690 MHz	MO	9M26D1D	0.6 W (ERP)	0.000026 %
71-76 GHz	MO	1M52G1D 15M2G1D 75M9G1D 760MG1D	13555.7 W (ERP)	0.001 %
81-86 GHz	MO	1M52G1D 15M2G1D 75M9G1D 760MG1D	19593.9 W (ERP)	0.001 %

Frequency Information

Huntsville (MADISON), AL - NL 34-40-42; WL 86-40-58; MOBILE: Huntsville, AL, within 0.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2570 MHz	MO	9M26D1D	0.2 W (ERP)	0.000026 %

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) Coordinate the operation with the existing users in 71-76 GHz and 81-86 GHz bands prior to operation in 71-76 GHz and 81-86 GHz bands
- (4) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees in 2500-2570 MHz and 2620-2690 MHz bands.
- (5) L-3 Communications must be made aware that use of the 902 – 928 MHz band for altitudes greater than 400 feet cannot be supported.
- (6) 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.