

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

EXPERIMENTAL

(Nature of Service)

WE9XHZ

(Call Sign)

XT FX

(Class of Station)

0576-EX-ST-2012

(File Number)

NAME L3 Unmanned 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:

To operate ground based calibrated equipment.

Station Locations

(1) Dugway (TOOELE), UT - NL 40-11-51; WL 112-56-06

Frequency Information

Dugway (TOOELE), UT - NL 40-11-51; WL 112-56-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20-74.6 MHz	FX	NON	50 W (ERP)	
75.4-88 MHz	FX	NON	50 W (ERP)	
140-170 MHz	FX	NON	50 W (ERP)	

This authorization effective August 01, 2012 and
will expire 3:00 A.M. EST February 02, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Dugway (TOOELE), UT - NL 40-11-51; WL 112-56-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.1-608 MHz	FX	N0N	50 W (ERP)	
614-698 MHz	FX	N0N	50 W (ERP)	
902-928 MHz	FX	N0N	50 W (ERP)	
1240-1300 MHz	FX	N0N	50 W (ERP)	
1915-1930 MHz	FX	N0N	50 W (ERP)	
2155-2180 MHz	FX	N0N	50 W (ERP)	
2300-2305 MHz	FX	N0N	50 W (ERP)	
2400-2483 MHz	FX	N0N	50 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (4) Operation is subject to prior coordination with Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (5) For the radar band, 1240 - 1300 MHz band, the direction of transmission is between 200 and 310 deg reference to true north. All other angles must be blanked.
- (6) No operation is permitted in public safety frequencies listed under rule 90.20.
- (7) L3 Unmanned Systems must notch out the following within the listed band:
 - a. 20 – 88 MHz band:
 - i) 41.61 MHz +/- 10 kHz
 - ii) 41.67 MHz +/- 10 kHz
 - iii) 74.6 thru 75.4 MHz
- (8) L3 Unmanned Systems must notch out the following within the listed band:
 - b. 140 – 170 MHz band +/- 12.5 kHz:
 - i) 162.45 MHz
 - ii) 162.525 MHz
- (9) L3 Unmanned Systems must notch out the following within the listed band:
 - c. 140 – 170 MHz band +/- 10 kHz:
M154.8 M155.505 M155.745 M163.025 M163.725 M164.100 M164.125
M164.4 M164.65 M164.775 M164.8875 M165.2125 M165.2375 M165.375
M165.4375 M165.735 M165.7875 M165.925 M166.0 M166.4 M166.5125
M166.5375 M167.125 M167.175 M168.5 M169.9 M170.5125 M171.2875
M171.4125 M171.75 M172.1125 M172.4375 M172.45 M173.675.
- (10) L3 Unmanned Systems must notch out the following within the listed band:
 - d. 406–608 MHz Band +/- 10 MHz
 - i) 406 thru 406.1 MHz to protect EPIBR's
 - ii) M406.225 M406.525 M406.575 M415.525 M415.6 M416.05 M416.325
M418.625 M418.75 M418.825 M418.9.
- (11) 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.