

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WM9XVK

(Call Sign)

0993-EX-ST-2018

(File Number)

NAME L3 Technologies CS-W

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) Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06
- (2) Salt Lake City (SALT LAKE), UT - NL 40-46-57; WL 111-57-01

Frequency Information

Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4650 MHz	FX	21M4G1D	5.2 W (ERP)	0.0001 %
5250-5600 MHz	FX	21M4G1D	5.2 W (ERP)	0.0001 %
5620-5850 MHz	FX	21M4G1D	5.2 W (ERP)	0.0001 %

This authorization effective June 19, 2018 and
will expire 3:00 A.M. EST December 11, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14500-14830 MHz	FX	21M4G1D	5.2 W (ERP)	0.0001 %
15150-15350 MHz	FX	21M4G1D	5.2 W (ERP)	0.0001 %

Salt Lake City (SALT LAKE), UT - NL 40-46-57; WL 111-57-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4650 MHz	FX	0H00N0N 8M00G1D	0.6 W (ERP)	0.0001 %
5250-5600 MHz	FX	0H00N0N 8M00G1D	0.6 W (ERP)	0.0001 %
5620-5850 MHz	FX	0H00N0N 8M00G1D	0.6 W (ERP)	0.0001 %
14500-14830 MHz	FX	0H00N0N 8M00G1D	0.6 W (ERP)	0.0001 %
15150-15350 MHz	FX	0H00N0N 8M00G1D	0.6 W (ERP)	0.0001 %

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: Greg Hansen, Phone: 801-594-3024, Email: gregory.l.hansen@L3T.com
- (4) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (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.
- (7) L3 Technologies CS-W should be aware that 5850-5925 MHz is being used for surface transportation safety applications (collision avoidance and other uses) and they should carefully monitor their out of band performance to ensure no interference.
- (8) L3 Technologies CS-W must notch out the band 5600-5620 MHz and 4445 MHz, 14553.75 MHz, 14578.75 MHz, 14606.25 MHz, 14675 MHz, 15193.75 MHz, 15218.75 MHz, 15246.25 MHz.