

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL9XZV

(Call Sign)

1596-EX-ST-2017

(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:

Take measured data that will allow better characterization of the transmission channel in S, C, and Ku-bands.

Station Locations

- (1) MOBILE: Logan, UT, within 5.8 km, centered around NL 41-48-21; WL 111-48-40
- (2) MOBILE: Logan, UT, within 5.8 km, centered around NL 41-46-20; WL 111-55-35
- (3) MOBILE: Logan, UT, within 5.8 km, centered around NL 41-40-14; WL 111-55-18
- (4) MOBILE: Logan, UT, within 5.8 km, centered around NL 41-37-06; WL 111-37-23

Frequency Information

MOBILE: Logan, UT, within 5.8 km, centered around NL 41-48-21; WL 111-48-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	200MG1D	3 W (ERP)	0.000033 %
		128MG1D		
		90M0G1D		
		64M0G1D		
		40M0G1D		
		20M0G1D		

This authorization effective November 13, 2017 and
will expire 3:00 A.M. EST February 13, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Logan, UT, within 5.8 km, centered around NL 41-46-20; WL 111-55-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	200MG1D	3 W (ERP)	0.000033 %
		128MG1D		
		90M0G1D		
		64M0G1D		
		40M0G1D		
		20M0G1D		

MOBILE: Logan, UT, within 5.8 km, centered around NL 41-40-14; WL 111-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	200MG1D	3 W (ERP)	0.000033 %
		128MG1D		
		90M0G1D		
		64M0G1D		
		40M0G1D		
		20M0G1D		

MOBILE: Logan, UT, within 5.8 km, centered around NL 41-37-06; WL 111-37-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	200MG1D	3 W (ERP)	0.000033 %
		128MG1D		
		90M0G1D		
		64M0G1D		
		40M0G1D		
		20M0G1D		

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) L3 Technologies CS-W shall be aware that future non-federal requests for operations in the 4400-4940 MHz frequency band will be considered on a case-by-case basis, and L3 Technologies CS-W shall have no expectations that future requests will be approved.
- (3) L3 Technologies CS-W shall be aware that the requested emission bandwidths for these operations will make it difficult to coordinate these operations, and future accommodations may not be possible.
- (4) The STOP BUZZER POC information for these operations shall be provided to NTIA (bmitchell@ntia.doc.gov), and this phone shall be manned at all times during operation.