

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

EXPERIMENTAL

(Nature of Service)

WG9XZX

(Call Sign)

XD MO

(Class of Station)

0924-EX-ST-2013

(File Number)

NAME Insitu

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:

Test data links between UAS and ground stations.

Station Locations

- (1) MOBILE: Ground Station within 2 Km radius, within 2 km, centered around NL 45-44-54; WL 119-47-38
- (2) MOBILE: Boardman Bombing Range with 4000 foot flight level, within 20 km, centered around NL 45-44-54; WL 119-47-38

Frequency Information

MOBILE: Ground Station within 2 Km radius, within 2 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2310 MHz	MO	989KG1D	7 W (ERP)	
2390-2500 MHz	MO	989KG1D	7 W (ERP)	

This authorization effective October 31, 2013 and
will expire 3:00 A.M. EST May 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Boardman Bombing Range with 4000 foot flight level, within 20 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4900 MHz	MO	3M96G1D	2 W (ERP)	

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) 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.
- (3) Insitu must prior coordinate with the Fixed Microwave Service licensees and the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator prior to accessing to 2390-2500 MHz.