

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

EXPERIMENTAL

(Nature of Service)

WM9XAK

(Call Sign)

XT MO

(Class of Station)

1578-EX-ST-2017

(File Number)

NAME Echodyne Corp.

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:

The purpose of the operation is to test the performance of the MESA-DAA radars on airborne platforms for navigation and counter UAS applications.

Station Locations

- (1) MOBILE: 3 km radius of coordinates, within 3 km, centered around NL 47-39-18; WL 122-18-24
- (2) MOBILE: 1 km radius of coordinates, within 1 km, centered around NL 27-40-08; WL 97-17-14
- (3) MOBILE: 1 km radius of coordinates, within 1 km, centered around NL 47-24-38; WL 122-14-14

Frequency Information

MOBILE: 3 km radius of coordinates, within 3 km, centered around NL 47-39-18; WL 122-18-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	MO	190MFXN	243 W (ERP)	

This authorization effective November 15, 2017 and
will expire 3:00 A.M. EST May 15, 2018

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COMMUNICATIONS
COMMISSION**



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Special Conditions:

- (1) Any development for UAS DAA in this frequency band will require a subsequent FCC type acceptance and TSO development and certification