

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

EXPERIMENTAL

(Nature of Service)

WK9XOF

(Call Sign)

XT FX MO

(Class of Station)

1531-EX-ST-2016

(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:

Under its existing authorization, Echodyne has tested its MESA-K-DEV radar development kit, and its MESA-DAA, which is an electronically scanned detect and avoid radar for small UAVs. The

Station Locations

- (1) Seattle, WA - NL 47-37-49; WL 122-23-29; MOBILE: , within 9 km, centered around NL 47-37-49; WL 122-23-29

Frequency Information

Seattle, WA - NL 47-37-49; WL 122-23-29; MOBILE: , within 9 km, centered around NL 47-37-49; WL 122-23-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	FX	190MF3N	243 W (ERP)	
24.45-24.65 GHz	MO	190MF3N	243 W (ERP)	

This authorization effective December 07, 2016 and
will expire 3:00 A.M. EST June 07, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

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