

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

EXPERIMENTAL

(Nature of Service)

WL9XDI

(Call Sign)

XT FX MO

(Class of Station)

0437-EX-ST-2017

(File Number)

NAME Spectrum Works, LLC

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 this operation is to test potential new communications applications and equipment.

Station Locations

- (1) MOBILE: Quillayute, WA: Max altitude 19,500 ft. AGL, within 6 km, centered around NL 47-56-04; WL 124-33-45
- (2) MOBILE: Quillayute, WA: Max altitude 19,500 ft. AGL, within 6 km, centered around NL 47-56-04; WL 124-33-45
- (3) Quillayute (CLALLAM), WA - NL 47-56-04; WL 124-33-45
- (4) Quillayute (CLALLAM), WA - NL 47-56-04; WL 124-33-45

Frequency Information

MOBILE: Quillayute, WA: Max altitude 19,500 ft. AGL, within 6 km, centered around NL 47-56-04; WL 124-33-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-73 GHz	MO	750MG1D	2511.9 W (ERP)	0.001 %

This authorization effective April 24, 2017 and
will expire 3:00 A.M. EST August 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Quillayute, WA: Max altitude 19,500 ft. AGL, within 6 km, centered around NL 47-56-04; WL 124-33-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2382.5-2387.5 MHz	MO	5M00D7W	63.1 W (ERP)	0.0005 %

Quillayute (CLALLAM), WA - NL 47-56-04; WL 124-33-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81-83 GHz	FX	750MG1D	125892.5 W (ERP)	0.001 %

Quillayute (CLALLAM), WA - NL 47-56-04; WL 124-33-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2382.5-2387.5 MHz	FX	5M00D7W	63.1 W (ERP)	0.0005 %

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (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) Prior to operation, licensee must successfully coordinate with the existing and future 71-76 GHz, and 81-86 GHz users.