

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

EXPERIMENTAL

(Nature of Service)

WF9XZR

(Call Sign)

XT MO

(Class of Station)

0674-EX-ST-2012

(File Number)

NAME Mokulele Research 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:

Use of aircraft, helicopter and UAV as post-disaster telecom support platform. To evaluate (a) rice factor, (b) excess delay for specular components, (c) decay factor for the diffuse component, as

Station Locations

- (1) MOBILE: Operations between the 2 planes will be over the town of Mililani on the island of Oahu, HI, within 25 km, centered around NL 21-27-04; WL 158-00-56

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2390 MHz	MO	20M0F9W	5 W (ERP)	

Special Conditions:

- (1) Operation on frequency assignments in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Western Area Frequency Coordinator (WAFC), Point Mugu, CA, 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 the WAFC as necessary to ensure compatibility with existing uses.

This authorization effective November 01, 2012 and
will expire 3:00 A.M. EST November 22, 2012

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Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The designated point-of-contact to terminate transmissions if interference occurs is Yuichiro Gene Nishi at (808) 223-1917.
- (4) Use of the band 2360 - 2390 MHz is for temporary testing and not the final frequencies to be used in the equipment.
- (5) Long term use of any part of the band 2250 - 2280 MHz needs to be moved to an FCC licensed band if this is for a non-federal operation in the future.