

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WK2XOT

(Call Sign)

0754-EX-CN-2019

(File Number)

NAME Loon LLC

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

(1) MOBILE: Lanai, HI, within 25 km, centered around NL 20-45-52; WL 156-33-40

Frequency Information

MOBILE: Lanai, HI, within 25 km, centered around NL 20-45-52; WL 156-33-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
722-733 MHz	MO	10M0W7W	38.5 W (ERP)	
788-799 MHz	MO	10M0W7W	38.5 W (ERP)	

Special Conditions:

- (1) Licensee must accept interference from others operating in the band and must not cause interference to FirstNet operations or those approved to operate in Band 14 per license (i.e. AT&T testing or public safety entities authorized to operate on Band 14).
- (2) Licensee POC shall submit a "Stop Buzzer" contact to FirstNet at peter.tomczak@firstnet.gov upon authorization issuance with "kill switch" authority; license POC agrees to immediately cease operations on Band 14 if notified of any interference concerns until any issues are resolved.

This authorization effective October 23, 2019 and
will expire 3:00 A.M. EST November 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (6) Licensee agrees that this license may be subject to further review by the FCC and possible re-coordination with FirstNet.
- (7) Prior to commencing any operations in the frequencies below, the licensee must obtain consent from the following within the State of Hawaii:
700 MHz Lower Band "A" block licensees (698-704 MHz/728-734 MHz)
700 MHz Lower Band "E" block licensees (722-728 MHz)
- (8) Licensee to prior coordinate testing on Band 14 with FirstNet and AT&T. Failure to effectively coordinate shall result in FirstNet seeking immediate suspension of experimental license by the FCC.
- (9) The stop buzzer point of contact is Ben Wojtowicz of Loon at (847) 767 0554.