

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WK2XBE

(Call Sign)

0123-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: Winnemucca, Nevada, within 11 km, centered around NL 40-53-55; WL 117-48-16

Frequency Information

MOBILE: Winnemucca, Nevada, within 11 km, centered around NL 40-53-55; WL 117-48-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
720-725 MHz	MO	5M00W7W	19.3 W (ERP)	
720-725 MHz	MO	5M00W7W	6.1 W (ERP)	
720-725 MHz	MO	5M00W7W	38.5 W (ERP)	
789.5-799 MHz	MO	10M0W7W 5M00W7W	19.3 W (ERP)	

This authorization effective March 11, 2019 and
will expire 3:00 A.M. EST June 15, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Winnemucca, Nevada, within 11 km, centered around NL 40-53-55; WL 117-48-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
789.5-799 MHz	MO	10M0W7W 5M00W7W	6.1 W (ERP)	
789.5-799 MHz	MO	10M0W7W 5M00W7W	38.5 W (ERP)	
832-842 MHz	MO	10M0W7W 5M00W7W	19.3 W (ERP)	
832-842 MHz	MO	10M0W7W 5M00W7W	6.1 W (ERP)	
832-842 MHz	MO	10M0W7W 5M00W7W	38.5 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Prior to commencing any operations, the licensee must obtain consent from the following within 50 miles of the contours of the testing area:
700 MHz Lower Band licensees (698-746 MHz)
Cellular licensees (824-849 MHz/869-894 MHz)
- (5) Licensee must prior coordinate testing with other authorized Band 14 operations. Failure to effectively coordinate shall result in FirstNet seeking immediate suspension of the experimental license by the FCC.

Special Conditions:

- (6) 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).
- (7) 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.
- (8) Licensee agrees that this license may be subject to further review by the FCC and possible recoordination with FirstNet.