

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

EXPERIMENTAL

(Nature of Service)

WJ2XGK

(Call Sign)

XD MO

(Class of Station)

0520-EX-CR-2019

(File Number)

NAME Radiometrics Corporation

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: Longmont, Colorado, within 10 km, centered around NL 40-09-20; WL 105-07-24

Frequency Information

MOBILE: Longmont, Colorado, within 10 km, centered around NL 40-09-20; WL 105-07-24

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 1290 MHz  | MO            | 12M6P0N<br>2M32Q1N  | 8.6 MW (ERP)     |                           |

Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective January 01, 2020 and  
will expire 3:00 A.M. EST December 01, 2021

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (5) Operations on 1290 MHz are authorized solely for the purpose of testing wind profiler systems intended for export. Licensee is aware that use of 1290 MHz for this purpose is not supported within the United States.