

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WG2XRH

(Call Sign)

0484-EX-CR-2021

(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, CO, within 100 km, centered around NL 40-09-20; WL 105-07-24
- (2) MOBILE: Longmont, Colorado, within 100 km, centered around NL 40-09-20; WL 105-07-24

Frequency Information

MOBILE: Longmont, CO, within 100 km, centered around NL 40-09-20; WL 105-07-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
449 MHz	MO	2M00Q1N	17 MW (ERP)	
449 MHz	MO	6M30P0N	1.4 MW (ERP)	

MOBILE: Longmont, Colorado, within 100 km, centered around NL 40-09-20; WL 105-07-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915 MHz	MO	12M6P0N	4.7 MW (ERP)	

This authorization effective October 01, 2021 and
will expire 3:00 A.M. EST October 01, 2023

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Frequency Information

MOBILE: Longmont, Colorado, within 100 km, centered around NL 40-09-20; WL 105-07-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915 MHz	MO	2M32Q1N	4.7 MW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operation is subject to consent of Location & Monitoring Service licensees (902-928 MHz) within 50 miles of the test area.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.